Comments for Sample AD28664 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-07-2001 Time: 17:47:16

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for the Surrogate Standard in this sample was 95%. Recoveries for 9 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The chromatogram reveals contamination which has identified to be from the TurboVap concentrator.

Quantitation Report (QT R viewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D Vial: 18
Acq On : 5 Dec 2001 4:58 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 5:46 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	938754	40.00 ug/L	0.00
15) Naphthalene-d8	15.31	136	3497802	40.00 ug/L	0.00
26) Acenaphthene-d10	20.58	164	1670465	40.00 ug/L	0.00
42) Phenanthrene-d10	25.01	188	2366623	40.00 ug/L	0.02
53) Chrysene-d12	33.04	240	1463976	40.00 ug/L	0.00
59) Perylene-d12	37.13	264	966260	40.00 ug/L	0.00
System Monitoring Compounds					
52) 2,4-DDD	30.08	235	134348	4.77 ug/mL	0.00
Spiked Amount 5.000			Recovery = 95.40%		
Target Compounds					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.25	74	184	N.D.	
4) Phenol	0.00	94	0	N.D.	
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
6) 2-Chlorophenol	0.00	128	0	N.D.	
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
10) 2-Methylphenol	0.00	108	0	N.D.	
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
12) 3&4-Methylphenol	0.00	108	0	N.D.	
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
14) Hexachloroethane	0.00	117	0	N.D.	
16) Nitrobenzene	0.00	77	0	N.D.	
17) Isophorone	0.00	82	0	N.D.	
18) 2-Nitrophenol	0.00	139	0	N.D.	
19) 2,4-Dimethylphenol	0.00	107	0	N.D.	
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
21) 2,4-Dichlorophenol	0.00	162	0	N.D.	
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
23) Naphthalene	15.37	128	519	N.D.	
24) Hexachlorobutadiene	0.00	225	0	N.D.	
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30) 2-Chloronaphthalene	0.00	162	0	N.D.	
31) Dimethylphthalate	0.00	163	0	N.D.	
32) 2,6-Dinitrotoluene	0.00	165	0	N.D.	

(#) = qualifier out of range (m) = manual integration
28664.D GCMS1126.M Thu Dec 06 14:51:19 2001 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D
Acq On : 5 Dec 2001 4:58 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 5 5:46 2001

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

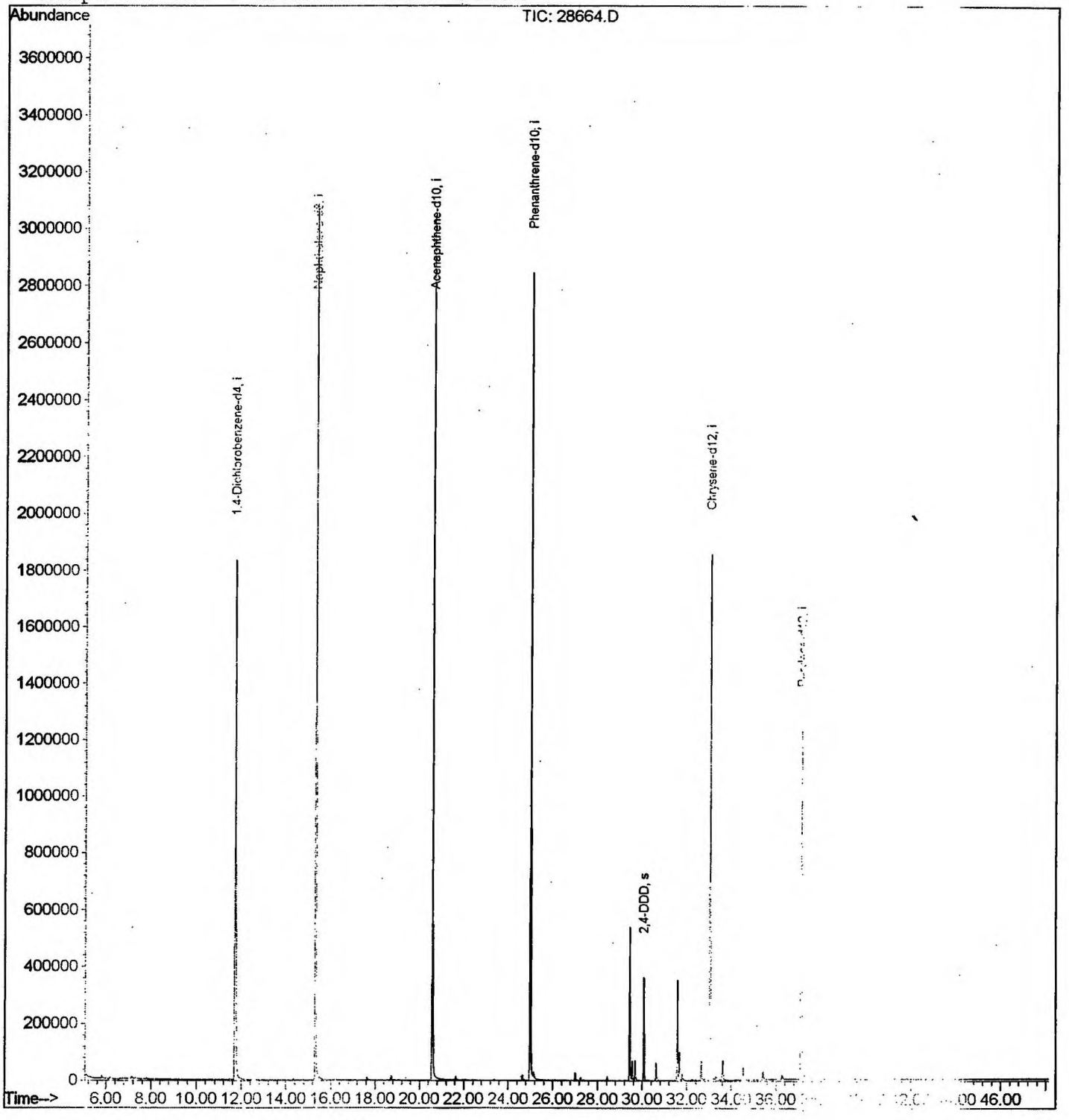
	Compound	R.T.	QIon	Response	Unit	Qvalue
33)	Acenaphthylene	0.00	152	0		
34)	Acenaphthene	0.00	153	0		
35)	2,4-Dinitrophenol	0.00	184	0		
36)	4-Nitrophenol	0.00	65	0		
37)	2,4-Dinitrotoluene	21.43	165	110		
38)	Diethylphthalate	22.11	149	353		
39)	4-Chlorophenyl-phenylether	0.00	204	0		
40)	Fluorene	0.00	166	0		
41)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0		
43)	4,6-Dinitro-2-methylphenol	0.00	198	0		
44)	N-Nitrosodiphenylamine	0.00	168	0		
45)	4-Bromophenyl-phenylether	0.00	248	0		
46)	Hexachlorobenzene	0.00	284	0		
47)	Pentachlorophenol	0.00	266	0		
48)	Phenanthrene	25.00	178	1023		
49)	Anthracene	25.00	178	1023		
50)	Di-n-butylphthalate	27.01	149	31324		
51)	Fluoranthene	0.00	202	0		
54)	Pyrene	0.00	202	0		
55)	Butylbenzylphthalate	31.57	149	790		
56)	Benzo(a)anthracene	33.04	228	3604		
57)	Bis(2-ethylhexyl)phthalate	33.32	149	8560		
58)	Chrysene	33.04	228	3604		
60)	Di-n-Octylphthalate	0.00	149	0		
61)	Benzo(b)fluoranthene	0.00	252	0		
62)	Benzo(k)fluoranthene	0.00	252	0		
63)	Benzo(a)pyrene	37.14	252	4164		
64)	Indeno(1,2,3-cd)pyrene	0.00	276	0		
65)	Dibenz(a,h)anthracene	0.00	278	0		
66)	Benzo(g,h,i)perylene	0.00	276	0		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D
Acq On : 5 Dec 2001 4:58 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 5 5:46 2001 Quant Results File: CMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D Vial: 18
Acq On : 5 Dec 2001 4:58 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 5:46 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	938754	20.00	ug/l	0.00
15) Naphthalene-d8	15.31	136	3497802	20.00	ug/l	0.00
26) Acenaphthene-d10	20.58	164	1670465	20.00	ug/l	0.00
42) Phenanthrene-d10	25.01	188	2366623	20.00	ug/l	0.02
53) Chrysene-d12	33.04	240	1463976	20.00	ug/l	0.00
59) Perylene-d12	37.13	264	966260	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.08	235	134348	4.77	ug/mL	0.00
Spiked Amount 5.000			Recovery = 95.40%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.25	74	184	N.D.		
4) Phenol	0.00	94	0	N.D.		
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	0.00	77	0	N.D.		
17) Isophorone	0.00	82	0	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.37	128	519	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 5 Dec 2001 4:58 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 5:46 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30)	2-Chloronaphthalene	0.00	162	0	N.D.	
31)	Dimethylphthalate	0.00	163	0	N.D.	
32)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	21.43	165	110	N.D.	
38)	Diethylphthalate	22.11	149	353	N.D.	
39)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40)	Fluorene	0.00	166	0	N.D.	
41)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
43)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46)	Hexachlorobenzene	0.00	284	0	N.D.	
47)	Pentachlorophenol	0.00	266	0	N.D.	
48)	Phenanthrene	25.00	178	1022	N.D.	
49)	Anthracene	25.00	178	1022	N.D.	
50)	Di-n-butylphthalate	27.01	149	31328	N.D.	
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	0.00	202	0	N.D.	
55)	Butylbenzylphthalate	31.57	149	790	N.D.	
56)	Benzo(a)anthracene	33.04	228	3604	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.32	149	8560	N.D.	
58)	Chrysene	33.04	228	3604	N.D.	
60)	Di-n-Octylphthalate	0.00	149	0	N.D.	
61)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
62)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
63)	Benzo(a)pyrene	37.14	252	4166	N.D.	
64)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
65)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

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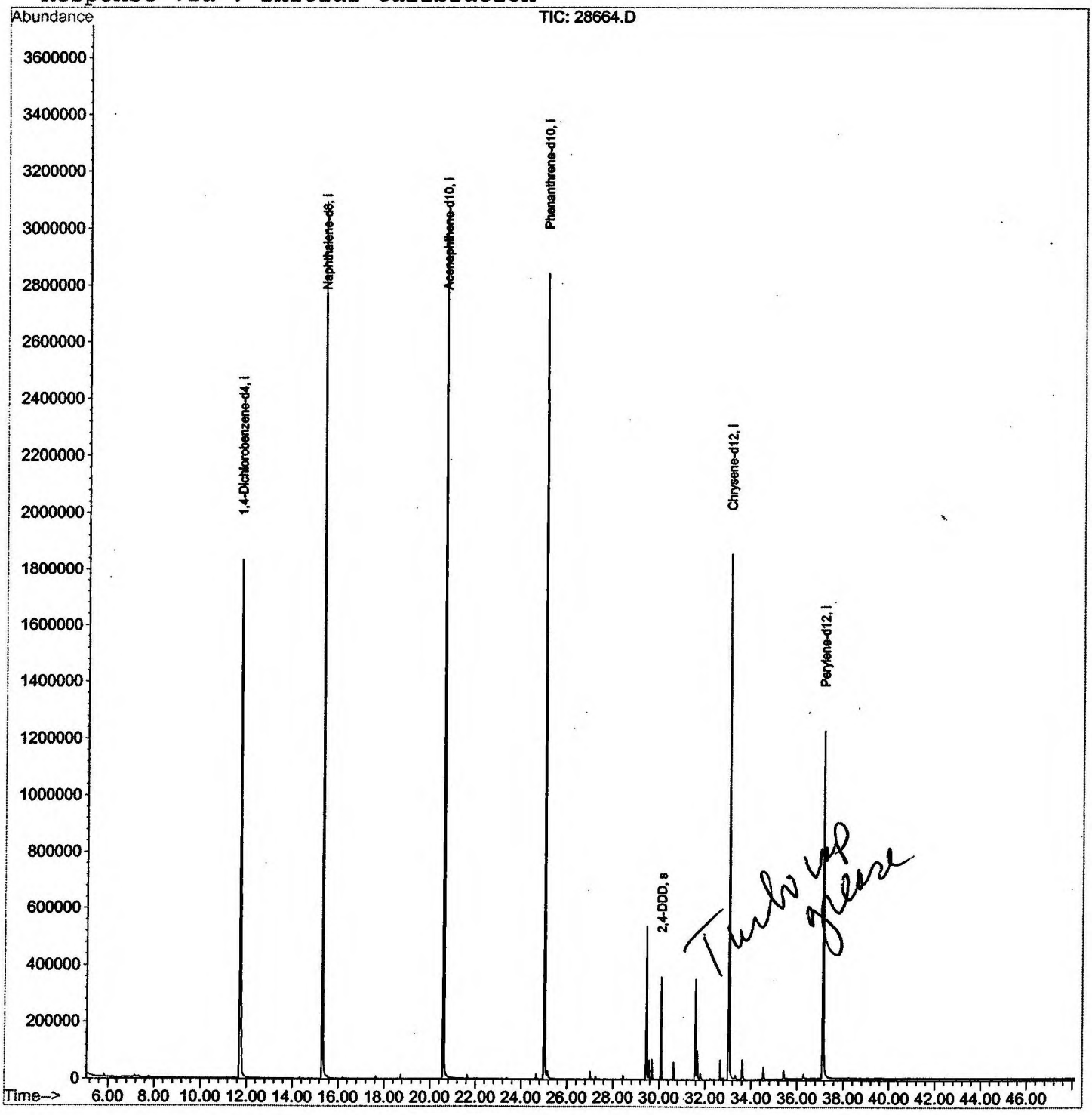
Acq On : 5 Dec 2001 4:58 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 5 5:46 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D Vial: 18
Acq On : 5 Dec 2001 4:58 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

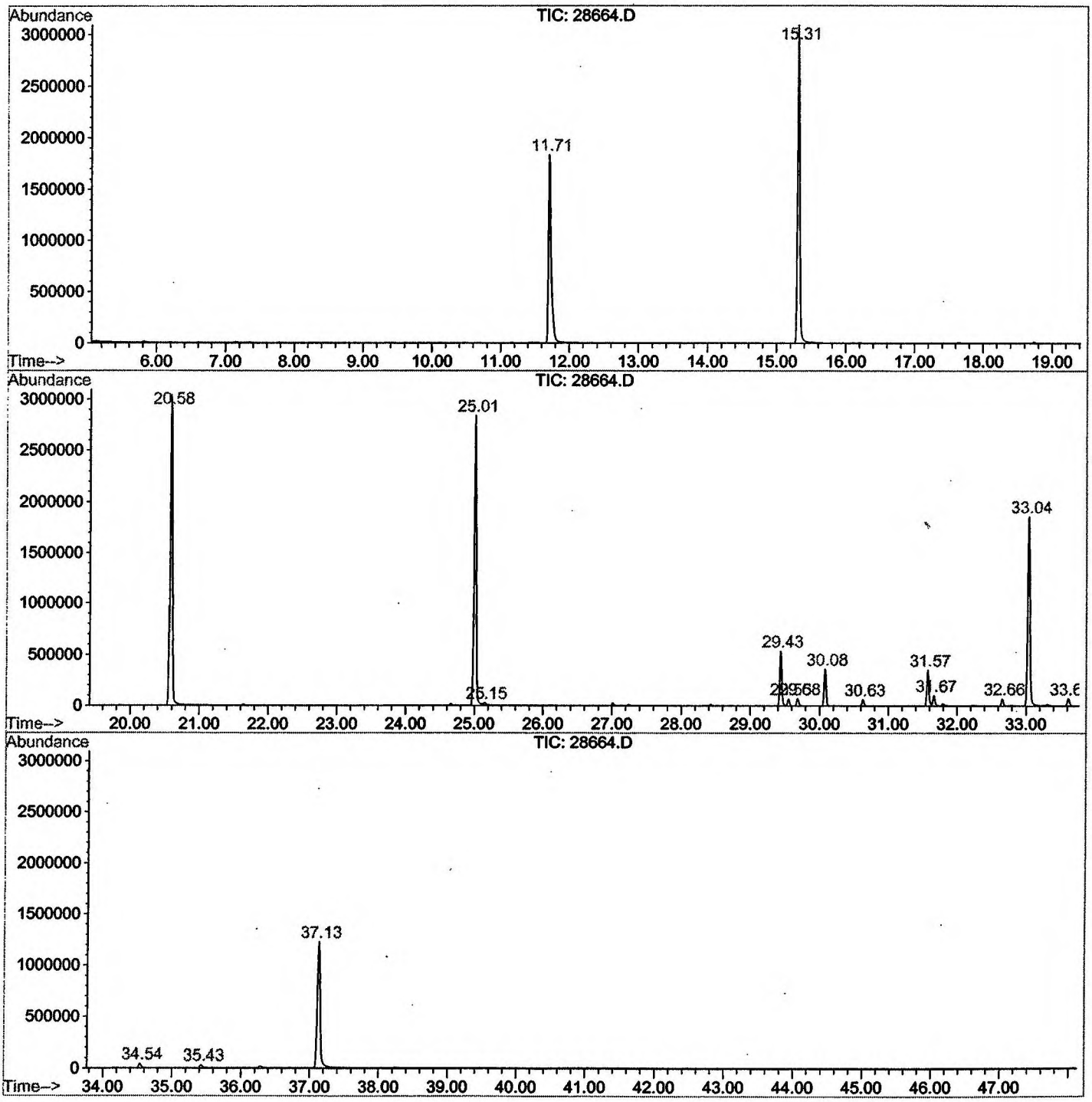
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.707	721	726	748	rBV	1833720	5067578	74.59%	13.865%
2	15.315	1113	1119	1138	rBV	3093442	6565833	96.64%	17.964%
3	20.584	1687	1693	1716	rBV	3041749	6793918	100.00%	18.588%
4	25.009	2168	2175	2187	rBV2	2842779	6262542	92.18%	17.134%
5	25.147	2187	2190	2201	rVB2	24962	77223	1.14%	0.211%
6	29.434	2652	2657	2666	rBV	536970	1087563	16.01%	2.976%
7	29.554	2666	2670	2676	rVV	68213	137551	2.02%	0.376%
8	29.682	2679	2684	2693	rVV	69782	151351	2.23%	0.414%
9	30.077	2722	2727	2733	rBV	360027	709317	10.44%	1.941%
10	30.628	2783	2787	2795	rVB	61617	123275	1.81%	0.337%
11	31.573	2883	2890	2896	rBV	350974	710239	10.45%	1.943%
12	31.665	2896	2900	2910	rVV	101431	228093	3.36%	0.624%
13	32.657	3003	3008	3015	rBV	69691	151784	2.23%	0.415%
14	33.042	3042	3050	3069	rBV2	1855597	4577770	67.38%	12.525%
15	33.611	3106	3112	3119	rBV	68521	168205	2.48%	0.460%
16	34.538	3207	3213	3219	rBV	43913	101500	1.49%	0.278%
17	35.429	3304	3310	3316	rBV2	30206	80769	1.19%	0.221%
18	37.127	3488	3495	3517	rBV2	1222933	3555653	52.34%	9.728%

Sum of corrected areas: 36550164

28664.D GCMS1126.M Fri Dec 07 15:53:24 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0401\28664.D
Operator : 209 GALOS
Acquired : 5 Dec 2001 4:58 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms 11/24
Misc Info :
Vial Number: 18
Quant File :GCMS1126.RES (RTE Integrator)



28664.D GCMS1126.M Fri Dec 07 15:53:29 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D
Acq On : 5 Dec 2001 4:58 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

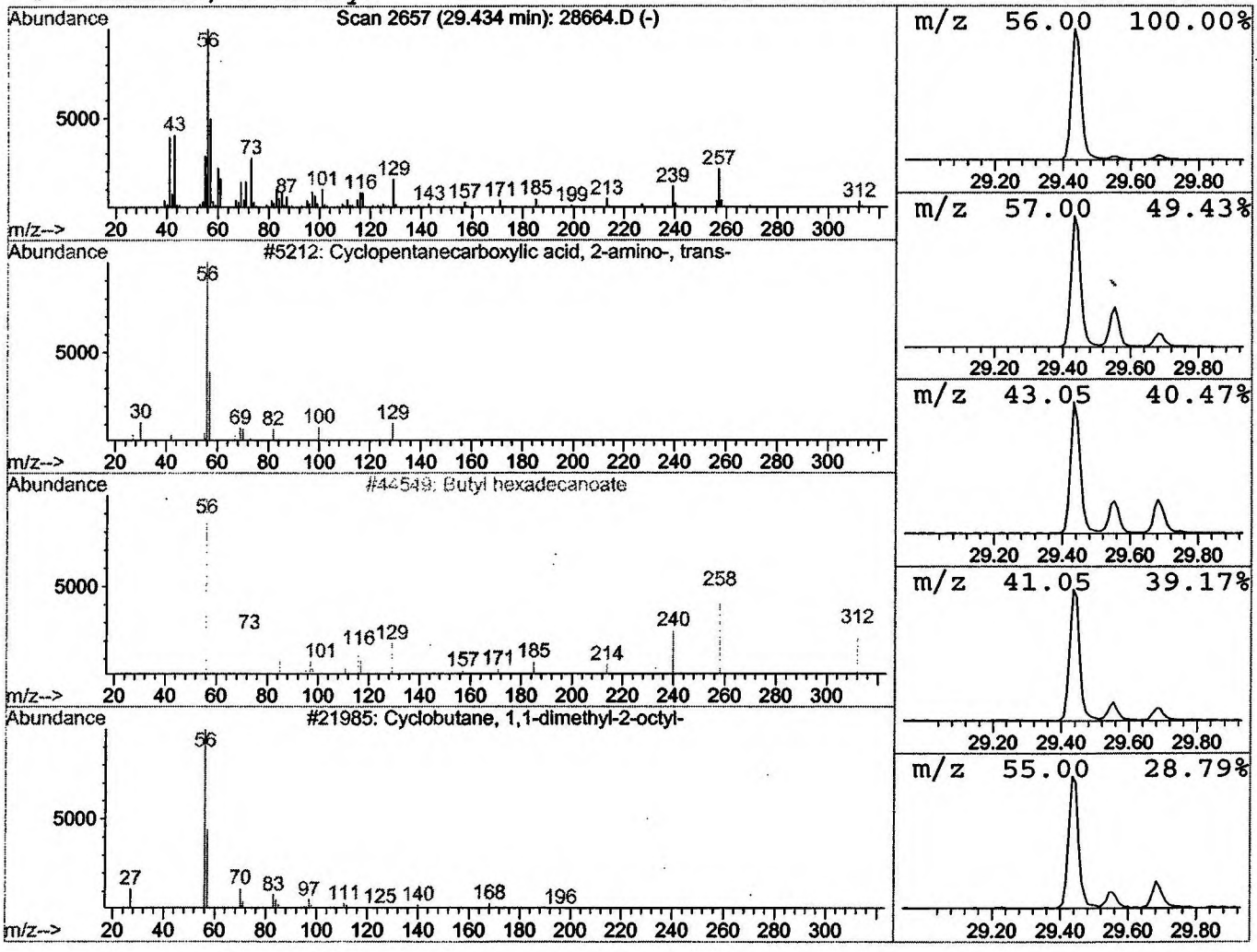
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentanecarboxylic acid, 2 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.43	4.75 ug/l	1087560	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	38
2	Butyl hexadecanoate	312	C20H40O2	000000-00-0	35
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27



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Acq On : 5 Dec 2001 4:58 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

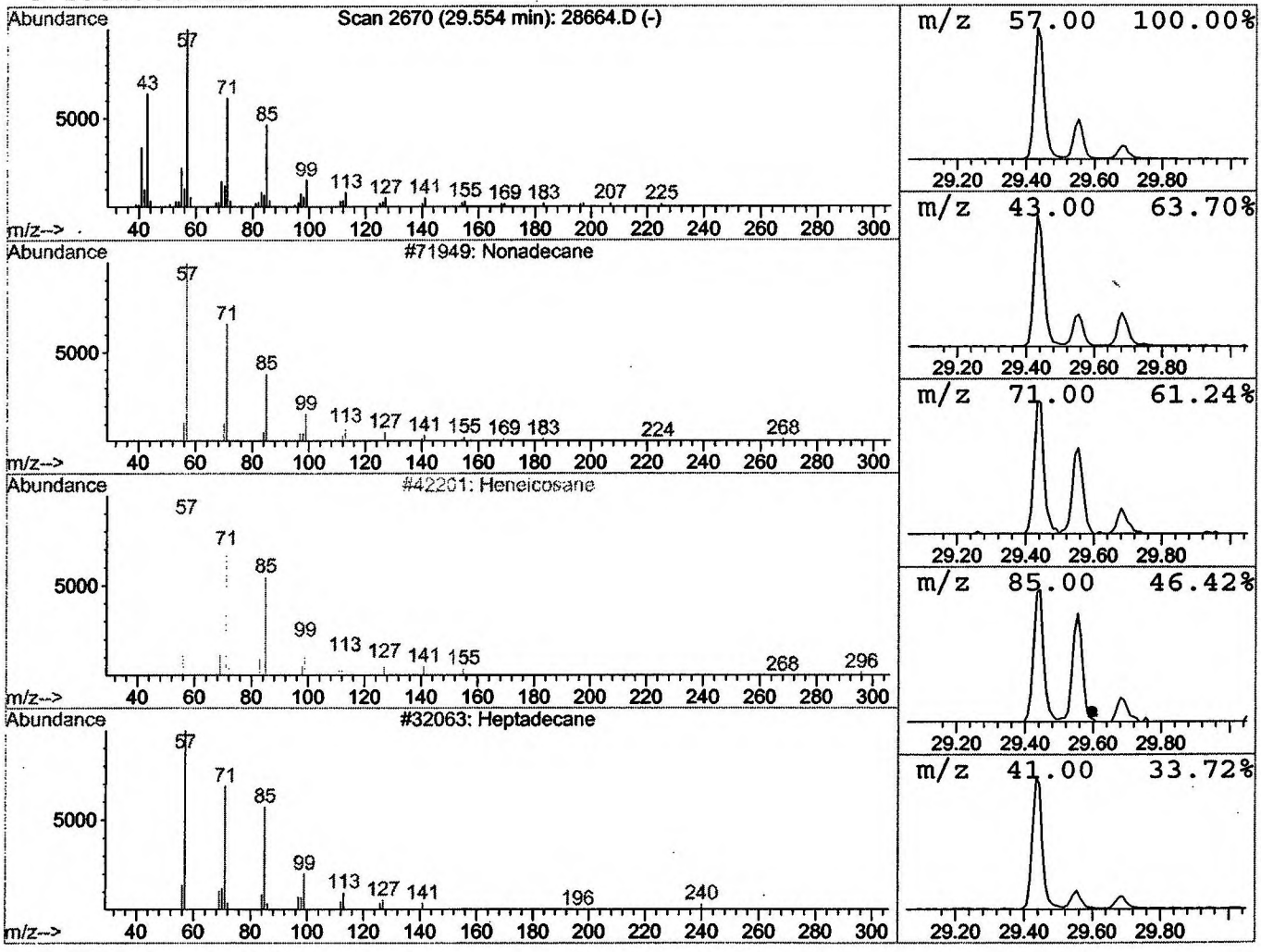
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Nonadecane — Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.55	0.60 ug/l	137551	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetradecane	198	C14H30	000629-59-4	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D
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Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 18
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Inst : GC/MS 209
Multiplr: 1.00

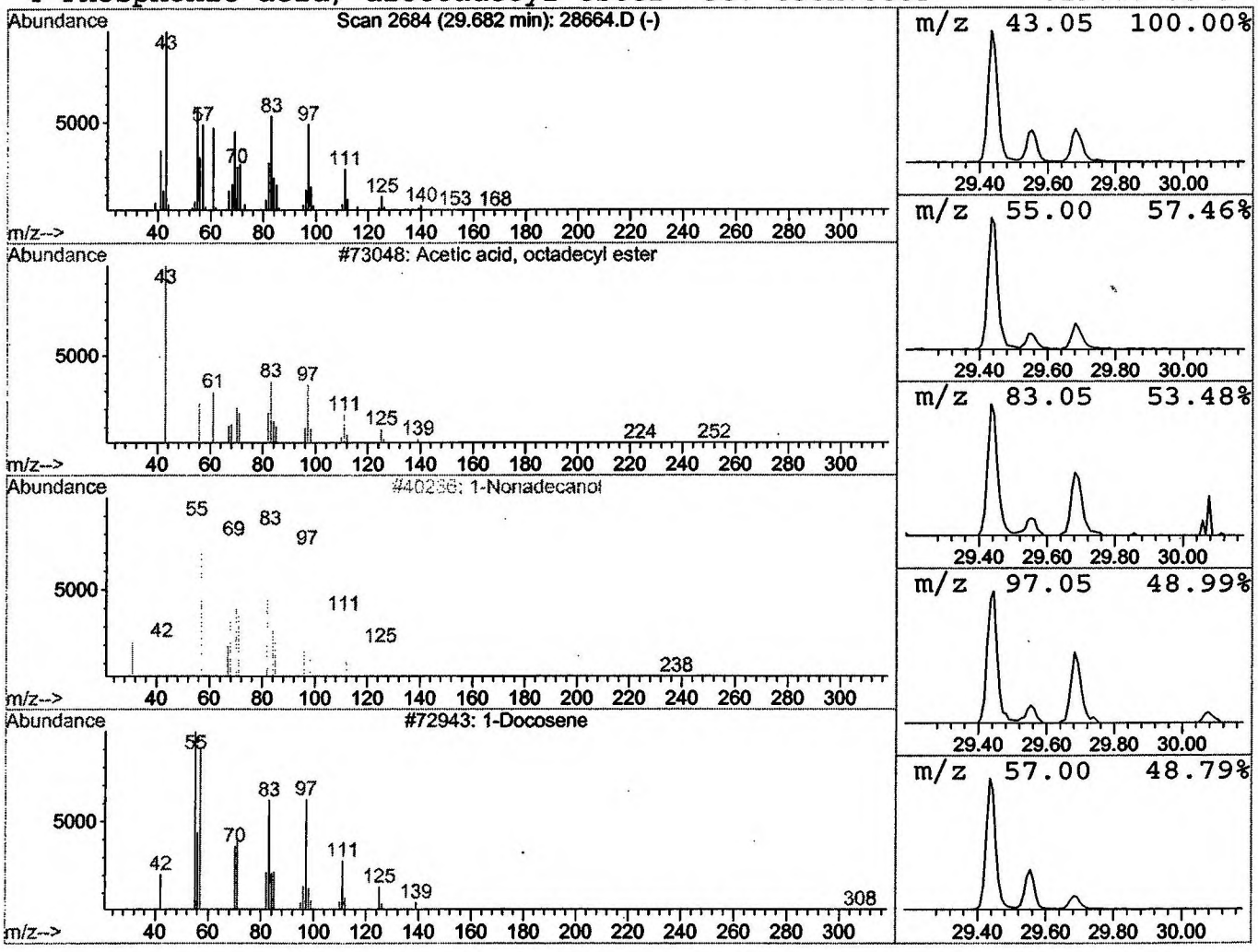
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Acetic acid, octadecyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.68	0.66 ug/l	151351	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	91
2	1-Nonadecanol	284	C19H40O	001454-84-8	81
3	1-Docosene	308	C22H44	001599-67-3	60
4	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	60



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Inst : GC/MS 209
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Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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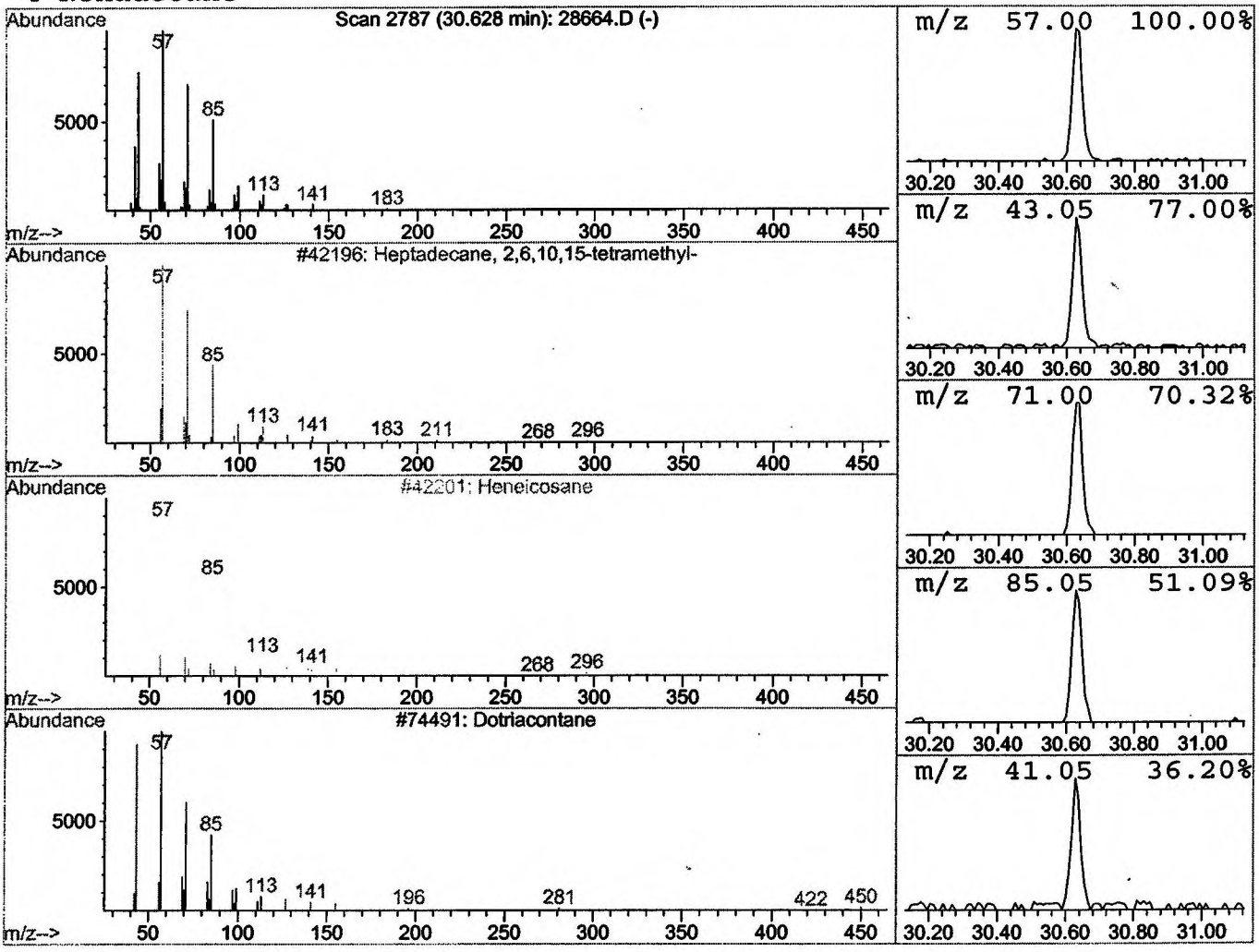
****

Peak Number 4 Heptadecane, 2,6,10,15-tetrame Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.63	0.54 ug/l	123275	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Dotriacontane	451	C32H66	000544-85-4	87
4	Nonadecane	268	C19H40	000629-92-5	87



Library Search Compound Report

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Acq On : 5 Dec 2001 4:58 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

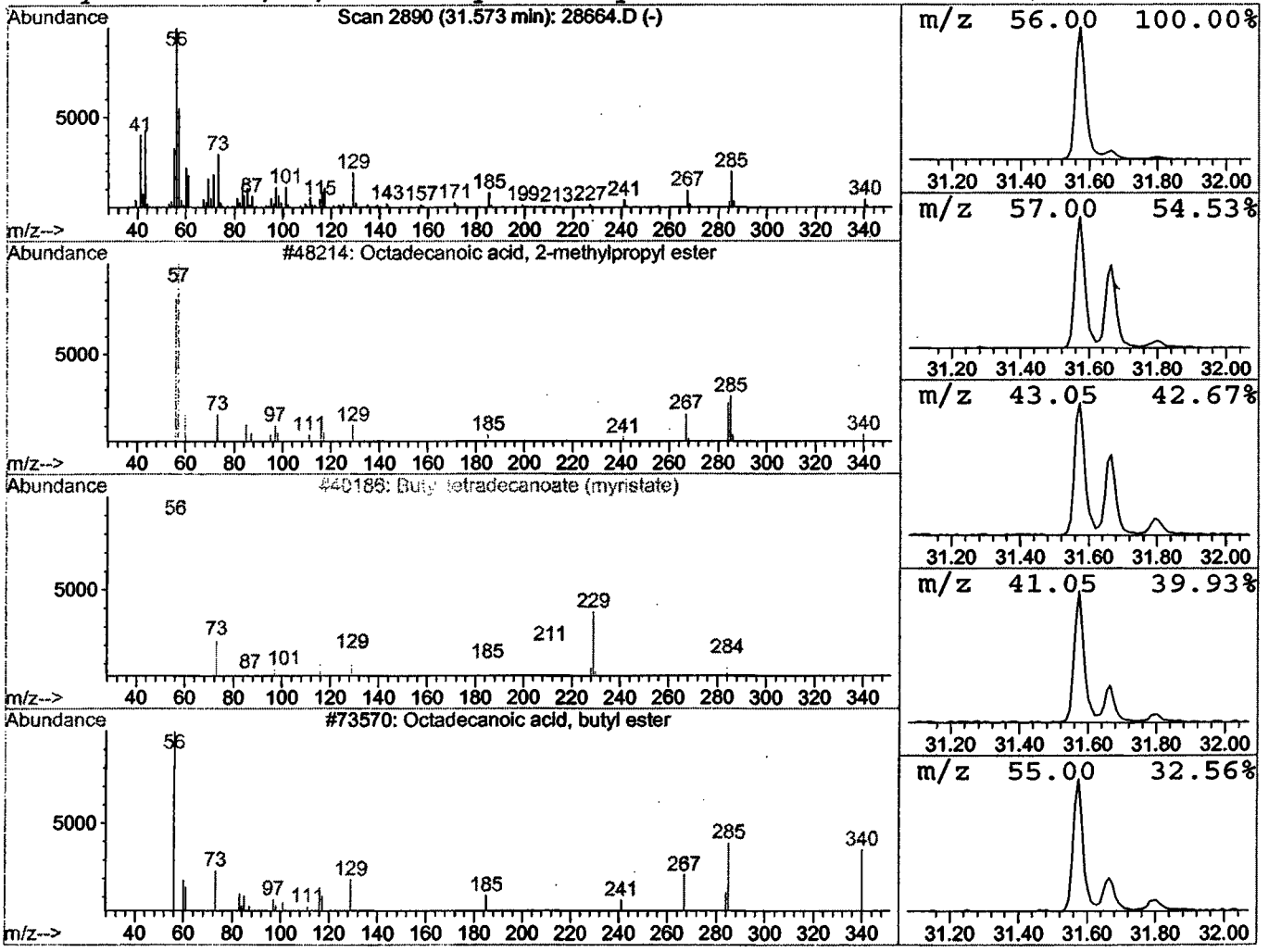
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Octadecanoic acid, 2-methylpro Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.57	3.10 ug/l	710239	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropyl e	340	C22H44O2	000646-13-9	89
2	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	72
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	36
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27



Library Search Compound Report

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Acq On : 5 Dec 2001 4:58 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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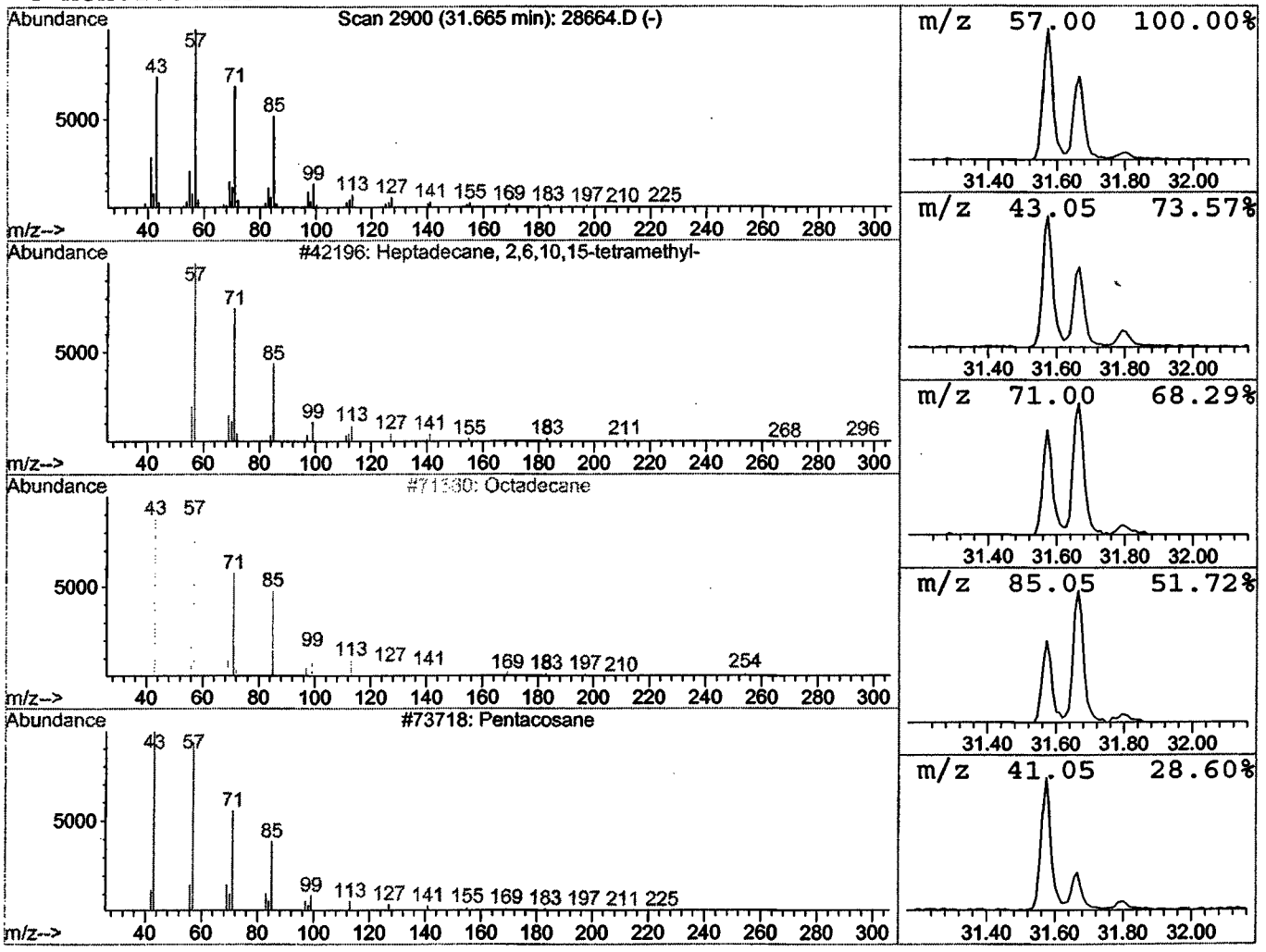
Peak Number 6 Heptadecane, 2,6,10,15-tetrame Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.67	1.00 ug/l	228093	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	90



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Misc :
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Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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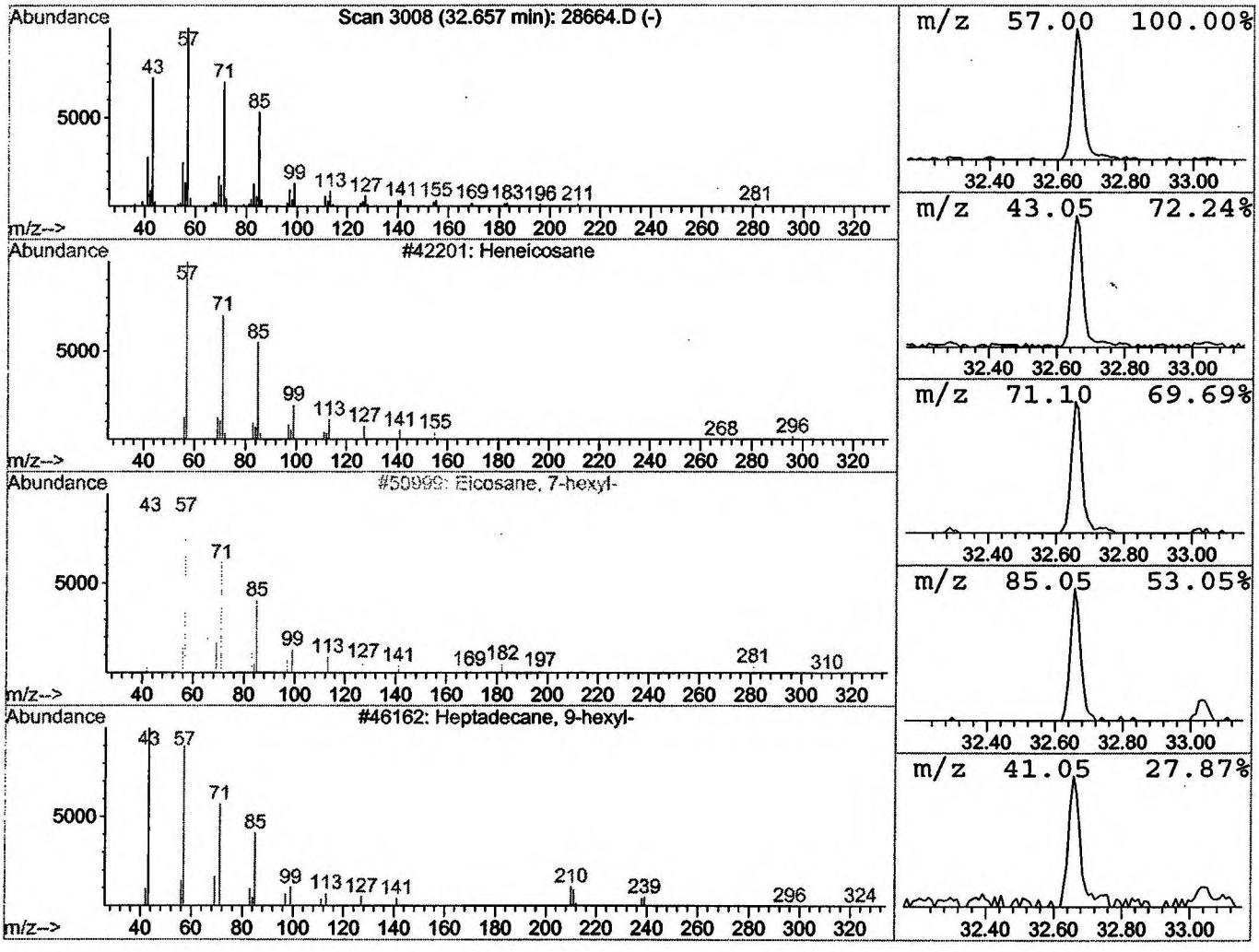
Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.66	0.66 ug/l	151784	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
4	Pentacosane	352	C25H52	000629-99-2	87



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Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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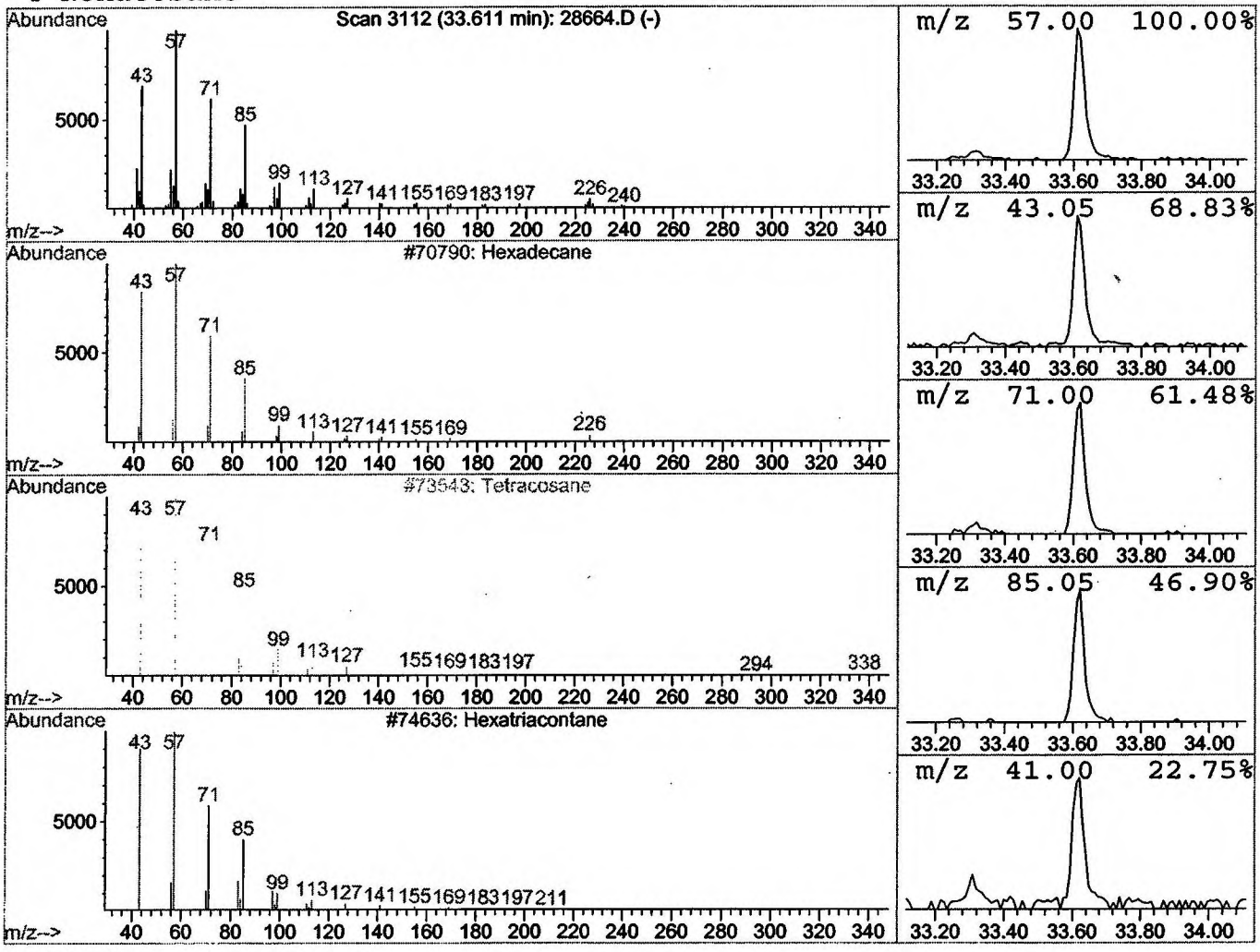
Peak Number 8 Hexadecane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.61	0.73 ug/l	168205	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Nonacosane	408	C29H60	000630-03-5	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D
Acq On : 5 Dec 2001 4:58 am
Sample : gc/ms 11/24
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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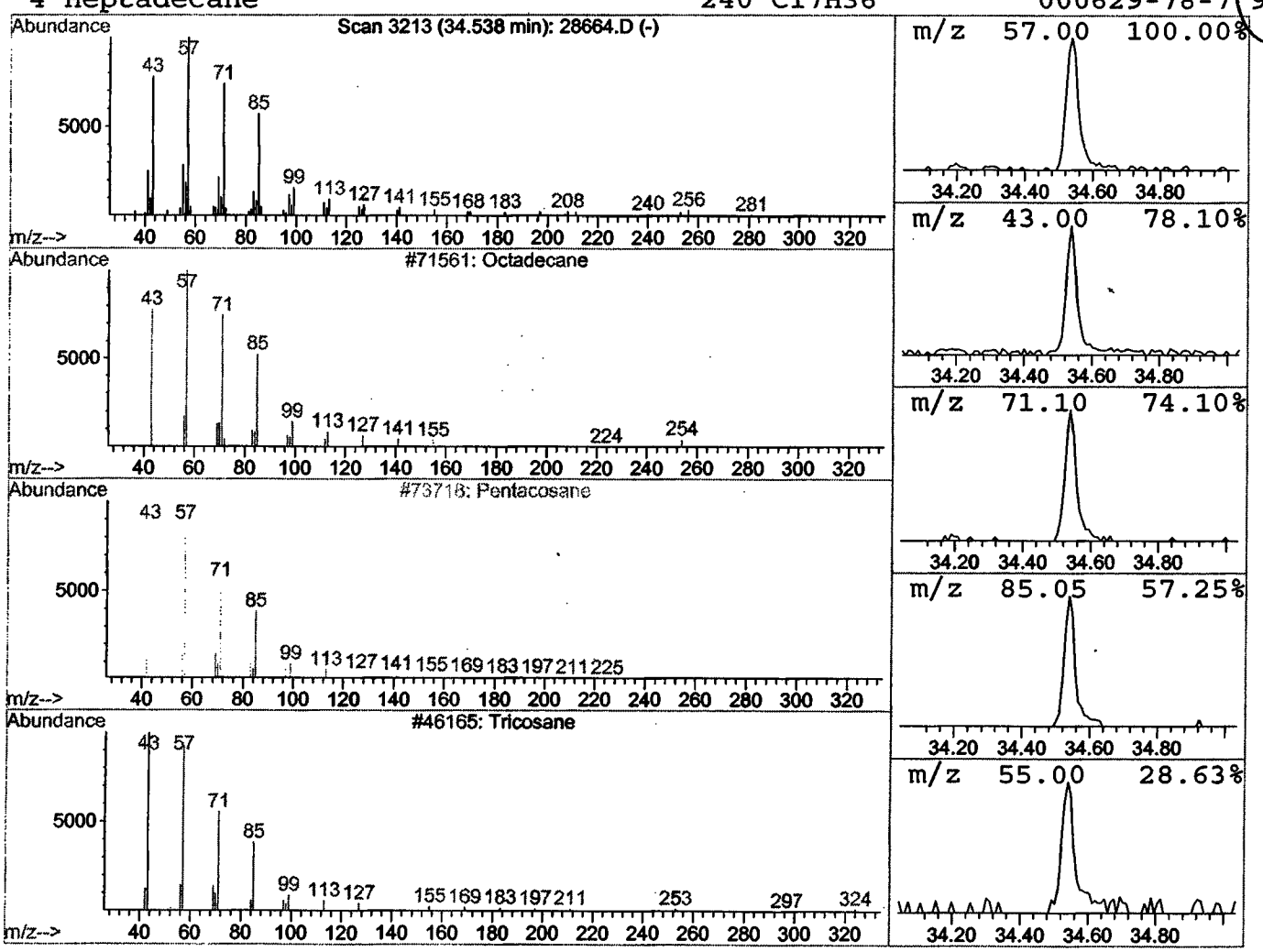
Peak Number 9 Octadecane — Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.54	0.44 ug/l	101500	Chrysene-d12	33.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Heptadecane	240	C17H36	000629-78-7	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0401\28664.D Vial: 18
Acq On : 5 Dec 2001 4:58 am Operator: 209 GALOS
Sample : gc/ms 11/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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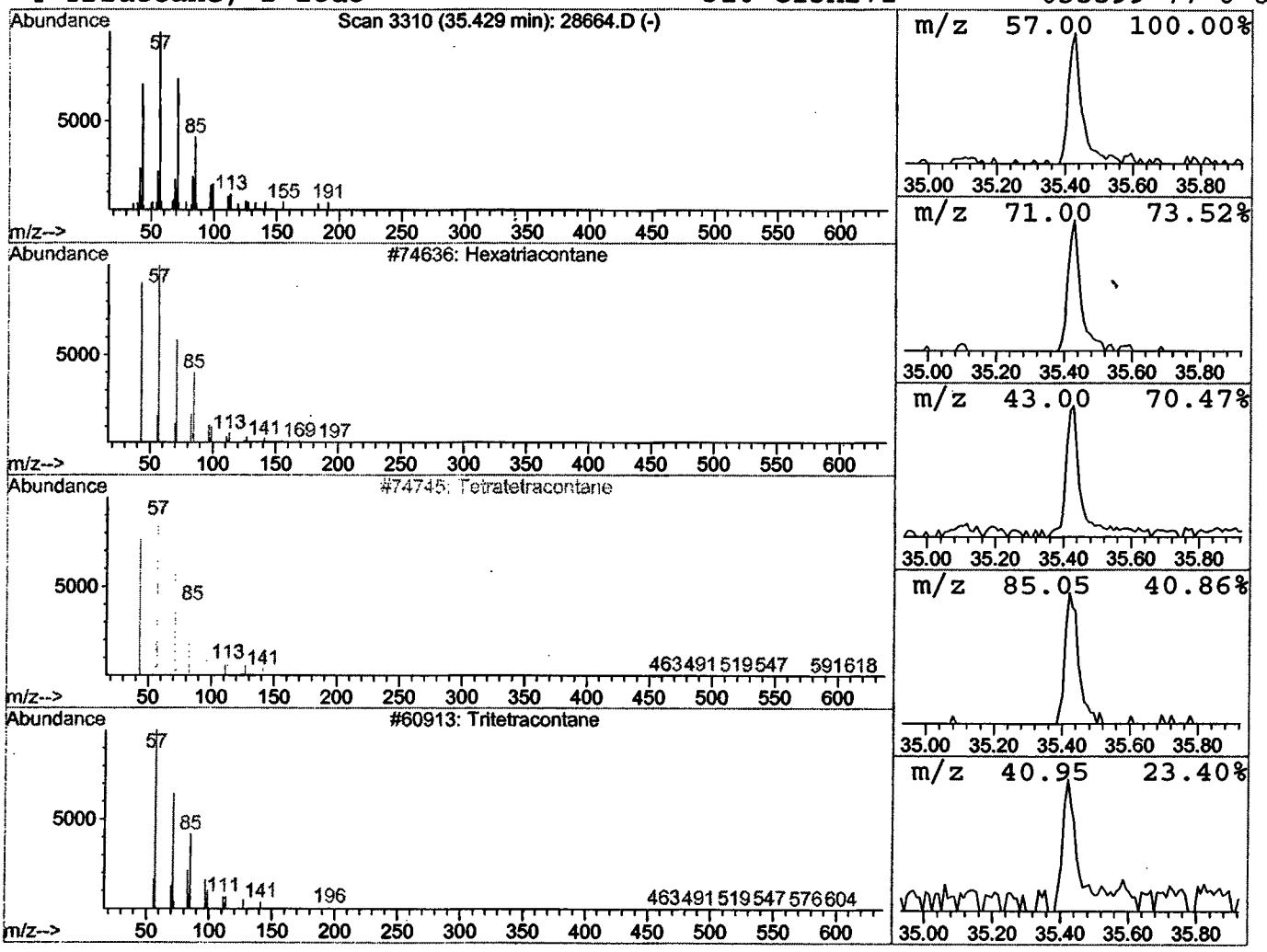
Peak Number 10 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.43	0.45 ug/l	80769	Perylene-d12	37.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Dec 2001 4:58 am
Data File: C:\HPCHEM\1\DATA\DEC0401\28664.D
Name: gc/ms 11/24
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
~~Cyclopen~~tanecarboxyl	29.43	4.8	ug/l	1087560	ISTD05	33.04	4577770	20.0
Nonadecane	29.55	0.6	ug/l	137551	ISTD05	33.04	4577770	20.0
Acetic acid, octadec	29.68	0.7	ug/l	151351	ISTD05	33.04	4577770	20.0
Heptadecane, 2,6,10,	30.63	0.5	ug/l	123275	ISTD05	33.04	4577770	20.0
Octadecanoic acid, 2	31.57	3.1	ug/l	710239	ISTD05	33.04	4577770	20.0
Heptadecane, 2,6,10,	31.67	1.0	ug/l	228093	ISTD05	33.04	4577770	20.0
Heneicosane	32.66	0.7	ug/l	151784	ISTD05	33.04	4577770	20.0
Hexadecane	33.61	0.7	ug/l	168205	ISTD05	33.04	4577770	20.0
Octadecane	34.54	0.4	ug/l	101500	ISTD05	33.04	4577770	20.0
Hexatriacontane	35.43	0.5	ug/l	80769	ISTD06	37.13	3555650	20.0

28664.D GCMS1126.M Fri Dec 07 15:54:24 2001