User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 12:20:16

Sample: AE01503
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 12:19 Ended: 3/6/02 12:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:55 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	19646	0.35 ug/l	98
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	30.11	202	637	N.D.	
40)	Butylbenzylphthalate	32.22	149	579	N.D.	
41)	Benzo(a)anthracene	33.80	228	1031	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	7422	0.26 ug/l	99
43)	Chrysene	33.80	228	1031	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.08	252	1150	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Comments for Sample AE01503 - Analysis $GCMS

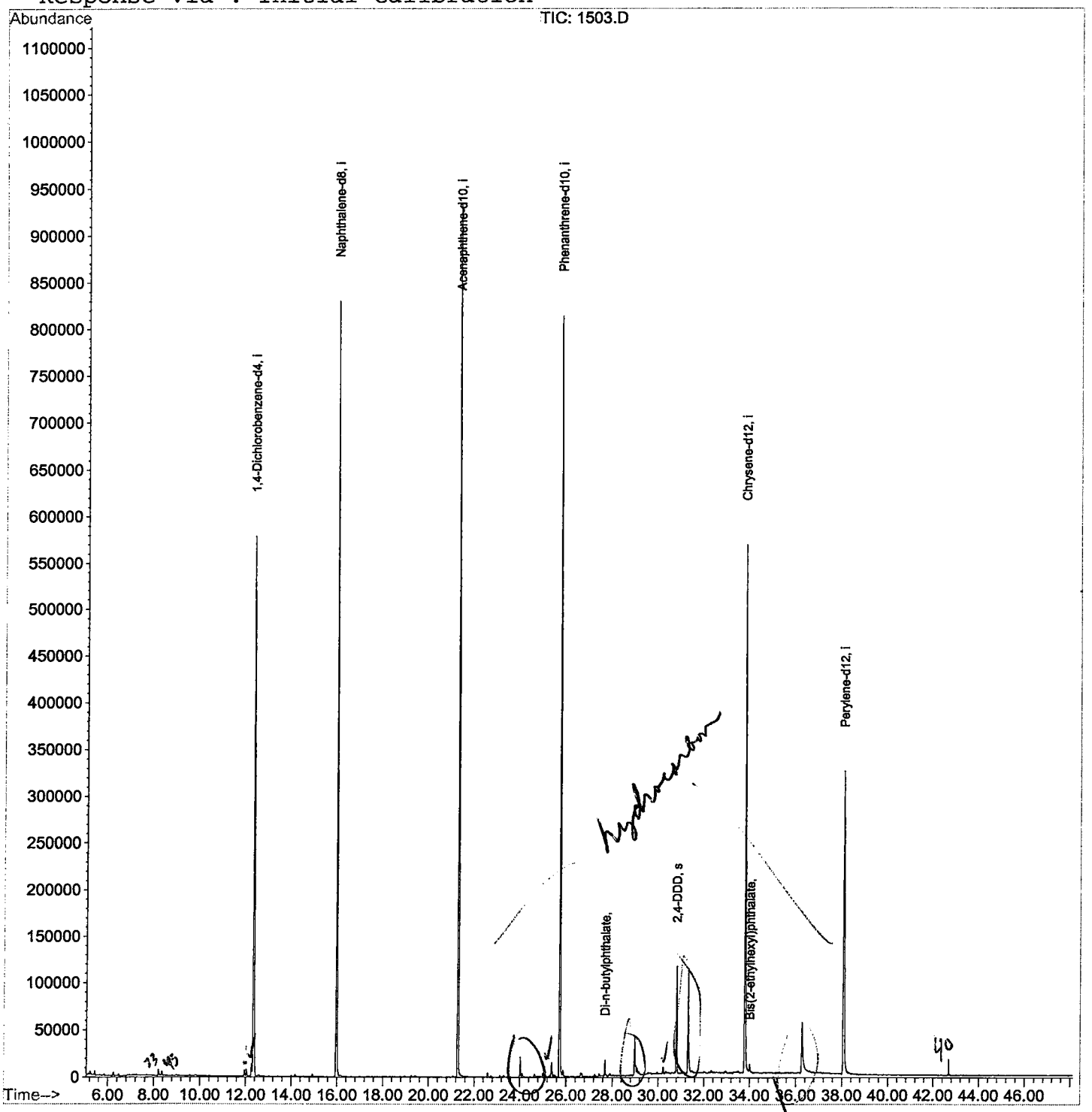
Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 12:58:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
However a series of hydrocarbons and phthalates are present, so this sample will be reextracted and analyzed to see if they are due to laboratory contamination.

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:55 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:55 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	234948	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	900542	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	468474	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	666107	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	439468	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	288604	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	43196	5.61	ug/mL	0.32
Spiked Amount 5.000			Recovery = 112.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	16.03	128	694	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.76	149	637	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

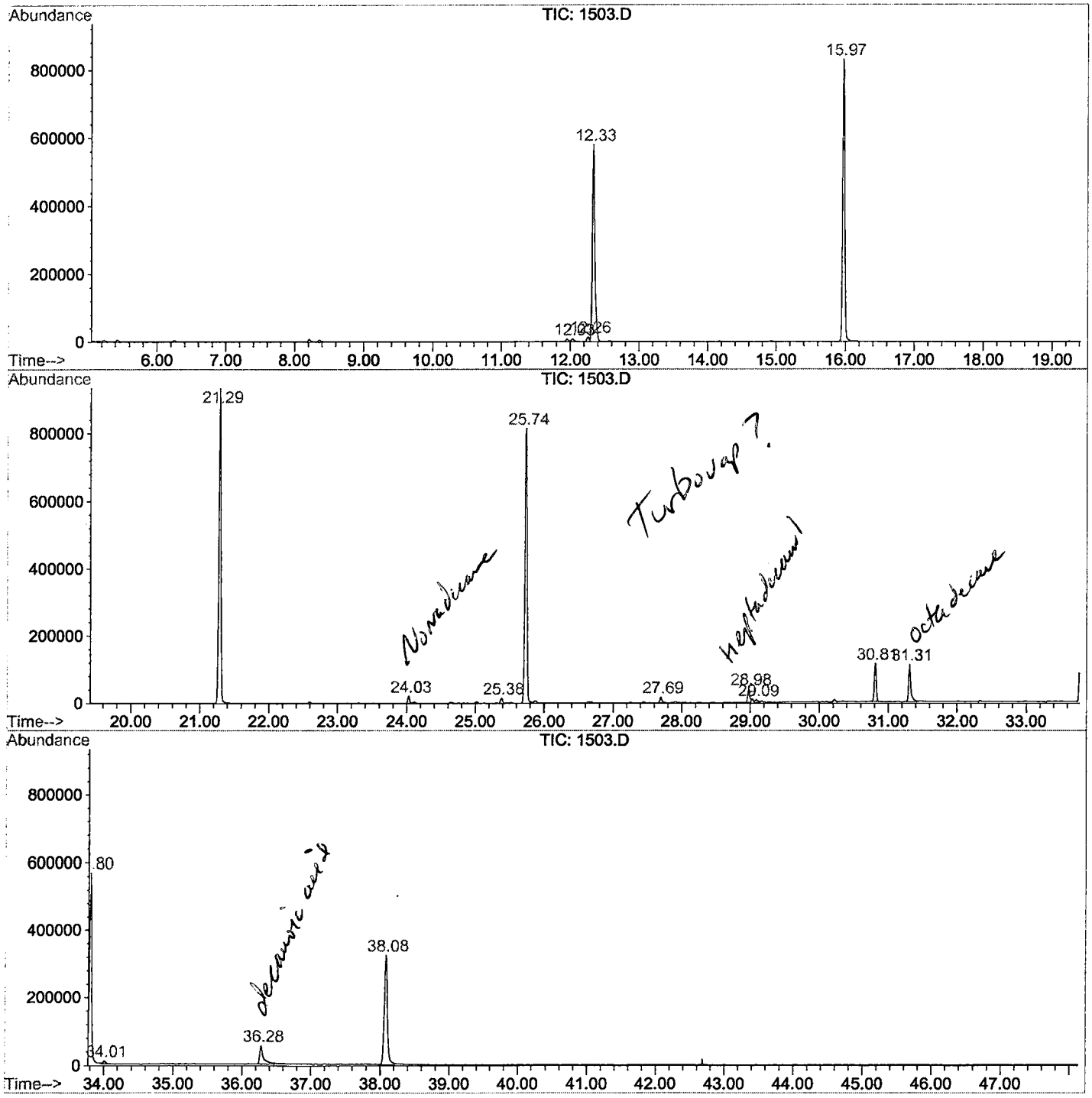
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.032	758	761	771	rVB	7954	20524	1.10%	0.203%
2	12.261	782	786	789	rBV	13612	31342	1.68%	0.310%
3	12.335	789	794	807	rVB	578644	1378968	74.07%	13.623%
4	15.970	1184	1190	1203	rBV	829788	1764756	94.79%	17.435%
5	21.285	1763	1769	1783	rBV	934820	1861699	100.00%	18.392%
6	24.030	2064	2068	2073	rVB	21040	36974	1.99%	0.365%
7	25.380	2210	2215	2220	rVB2	15110	31451	1.69%	0.311%
8	25.738	2247	2254	2261	rBV2	814512	1774964	95.34%	17.536%
9	27.693	2462	2467	2471	rBV	17159	33534	1.80%	0.331%
10	28.979	2602	2607	2611	rBV	40283	84852	4.56%	0.838%
11	29.089	2616	2619	2625	rVV3	7448	20100	1.08%	0.199%
12	30.805	2802	2806	2812	rVB	112694	231313	12.42%	2.285%
13	31.310	2855	2861	2873	rBV	111042	253680	13.63%	2.506%
14	33.798	3126	3132	3145	rBV2	565022	1337959	71.87%	13.218%
15	34.009	3151	3155	3163	rVB2	8568	22408	1.20%	0.221%
16	36.277	3396	3402	3424	rBV	53774	208726	11.21%	2.062%
17	38.076	3589	3598	3613	rBV2	324001	1028829	55.26%	10.164%

Sum of corrected areas: 10122079

1503.D GCMS0208.M Tue Feb 26 15:12:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1503.D
Operator :
Acquired : 22 Feb 2002 4:46 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 26
Quant File :GCMS0208.RES (RTE Integrator)



1503.D GCMS0208.M Tue Feb 26 15:12:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

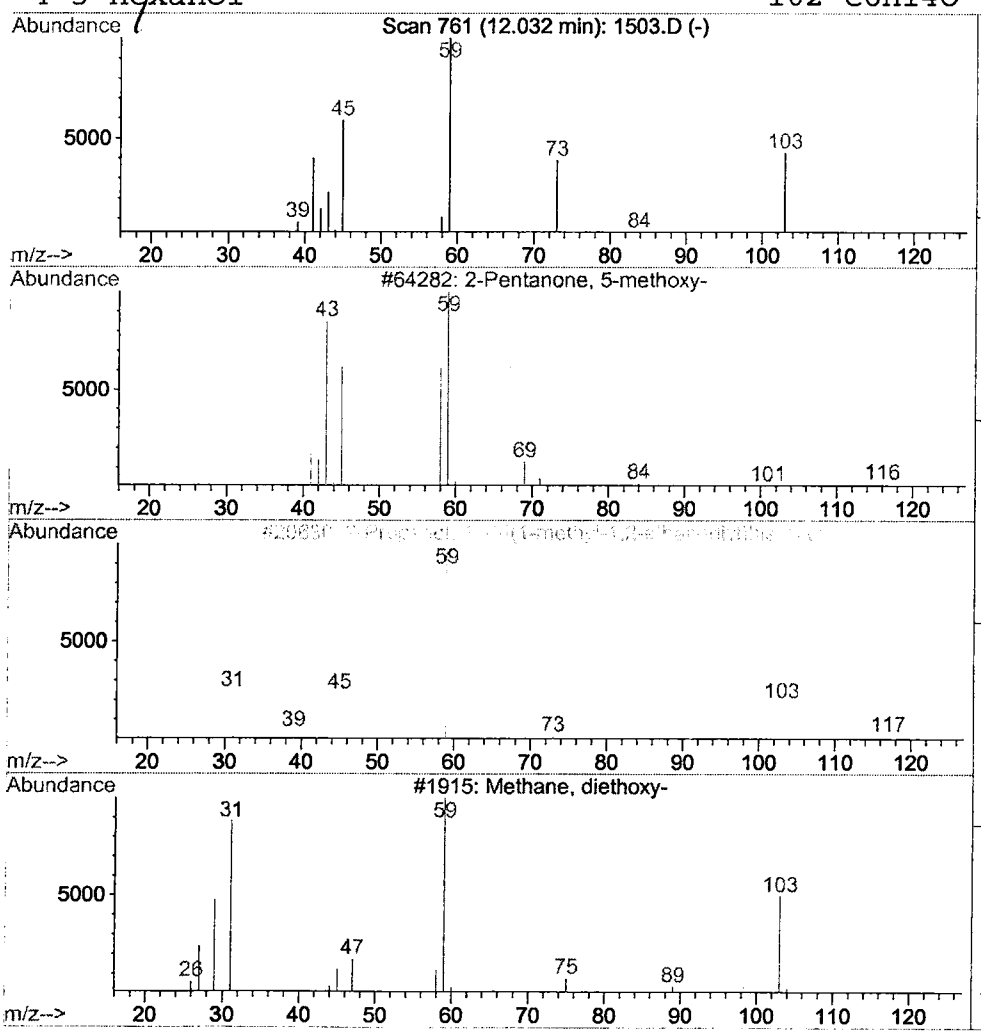
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

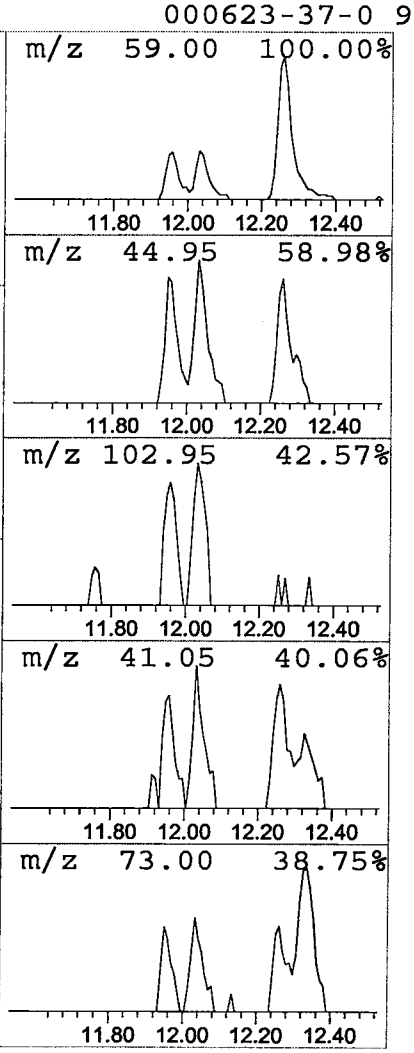
****

Peak Number 1 2-Pentanone, 5-methoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	0.30 ug/l	20524	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	33
2	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	9
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	9
4	3-Hexanol	102	C6H14O	000623-37-0	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

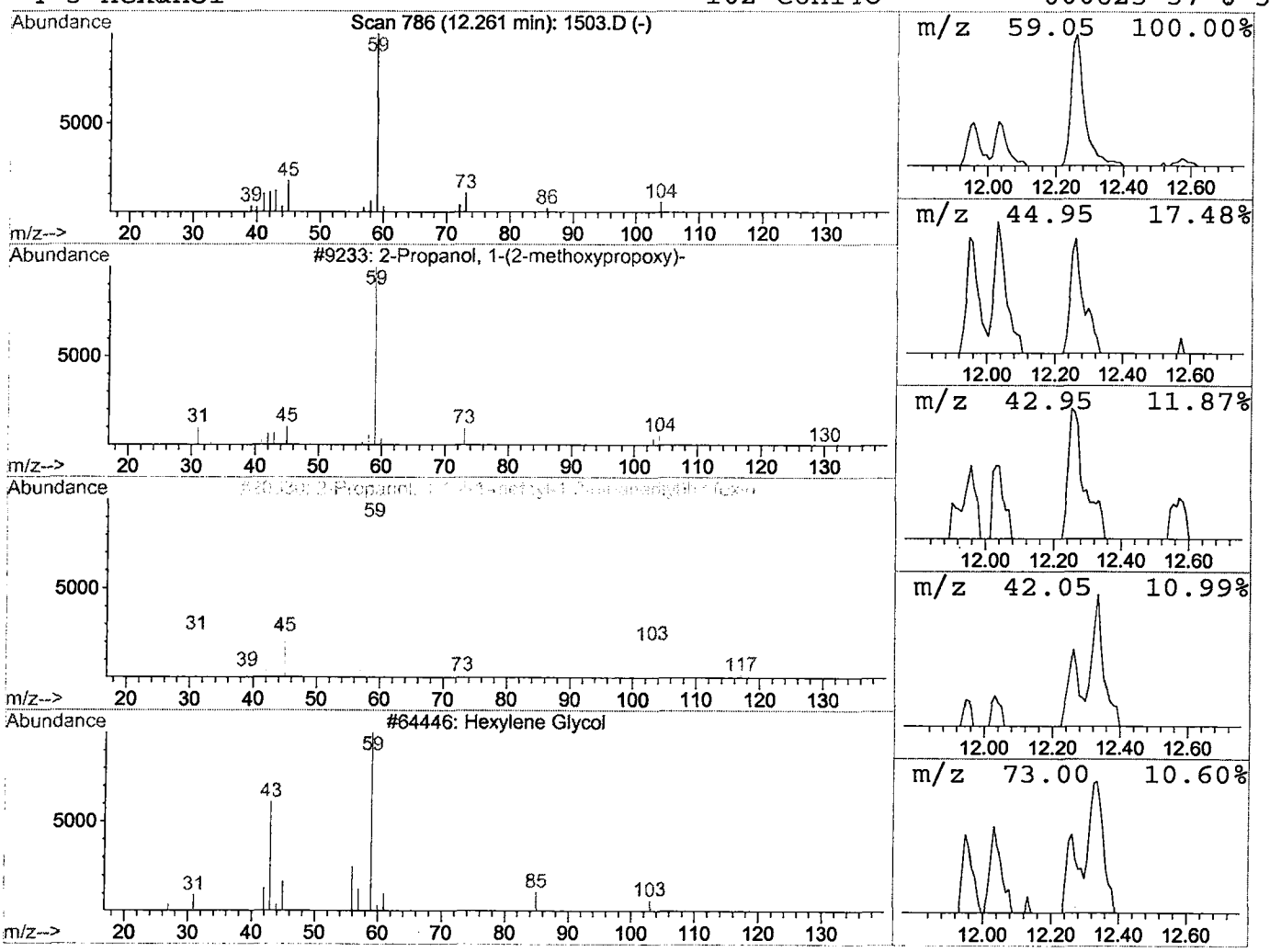
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxypropox Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	0.45 ug/l	31342	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	74
2	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	56
3	Hexylene Glycol	118	C6H14O2	000107-41-5	38
4	3-Hexanol	102	C6H14O	000623-37-0	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

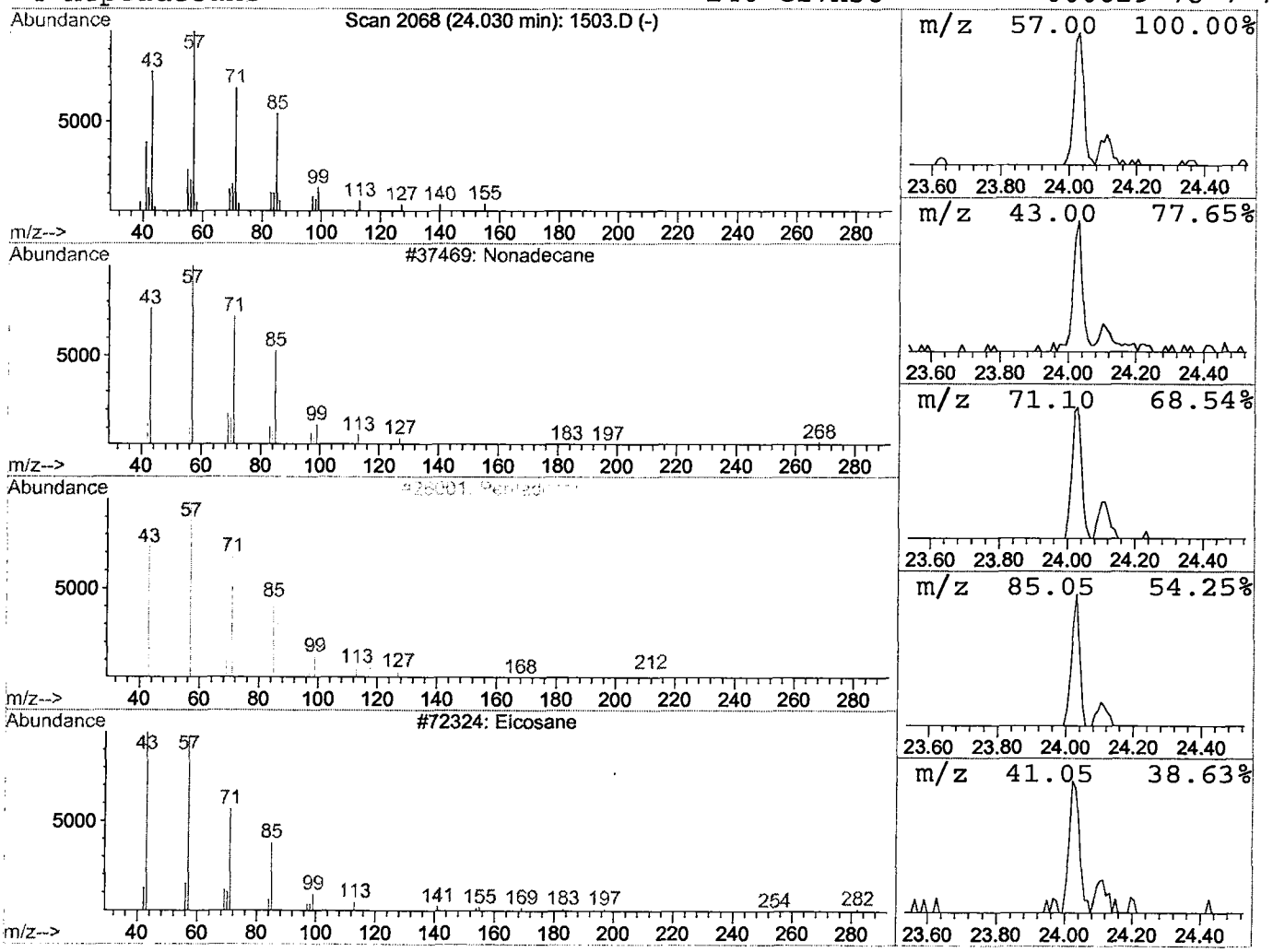
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	0.42 ug/l	36974	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Eicosane	282	C20H42	000112-95-8	86
4	Heptadecane	240	C17H36	000629-78-7	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

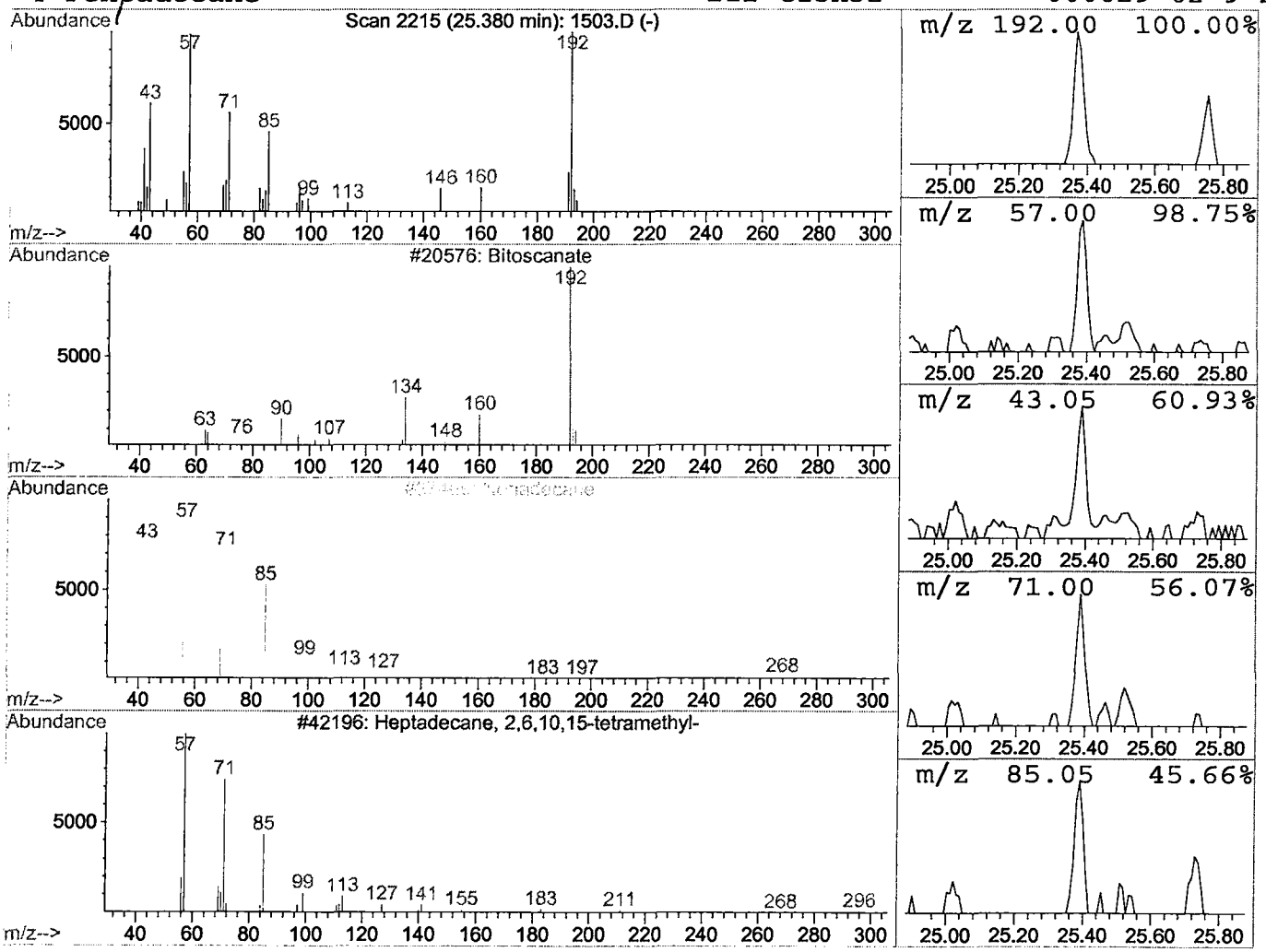
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Bitoscanate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.38	0.35 ug/l	31451	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bitoscanate	192	C8H4N2S2	004044-65-9	35
2	Nonadecane	268	C19H40	000629-92-5	25
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	22
4	Pentadecane	212	C15H32	000629-62-9	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

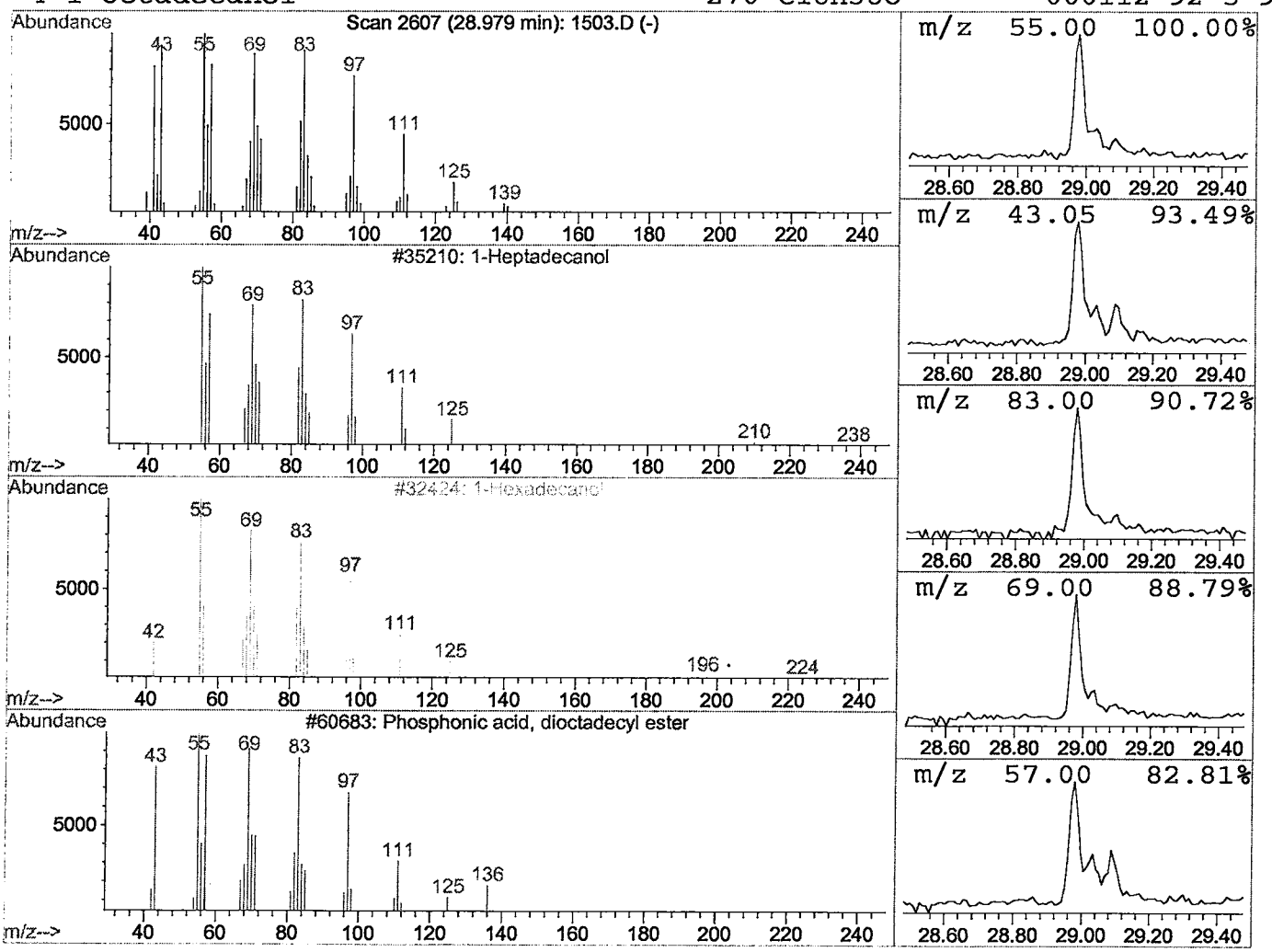
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1-Heptadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.98	0.96 ug/l	84852	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	90
3	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90



Library Search Compound Report

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Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

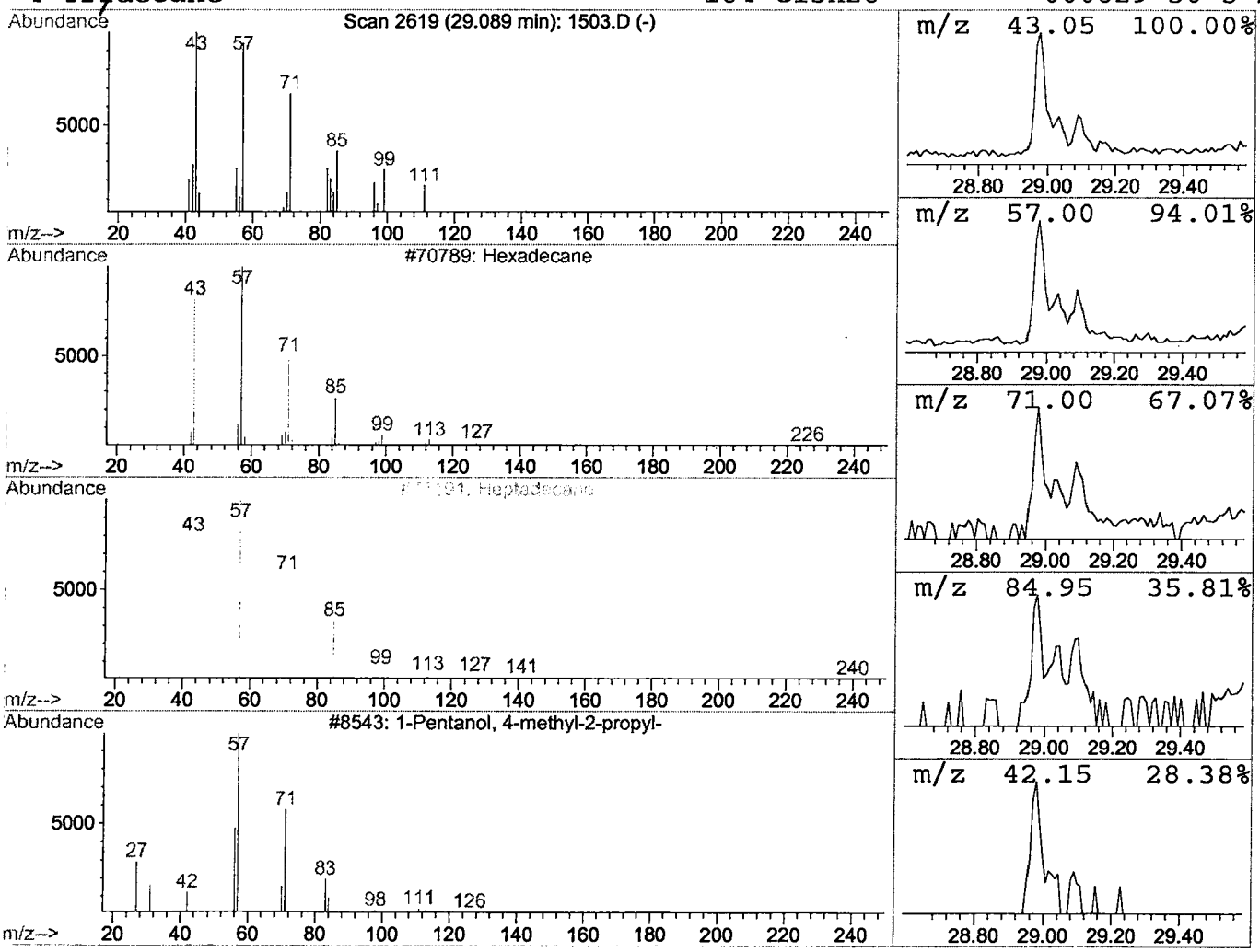
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.09	0.23 ug/l	20100	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	38
2	Heptadecane	240	C17H36	000629-78-7	23
3	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	23
4	Tridecane	184	C13H28	000629-50-5	23



Library Search Compound Report

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Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

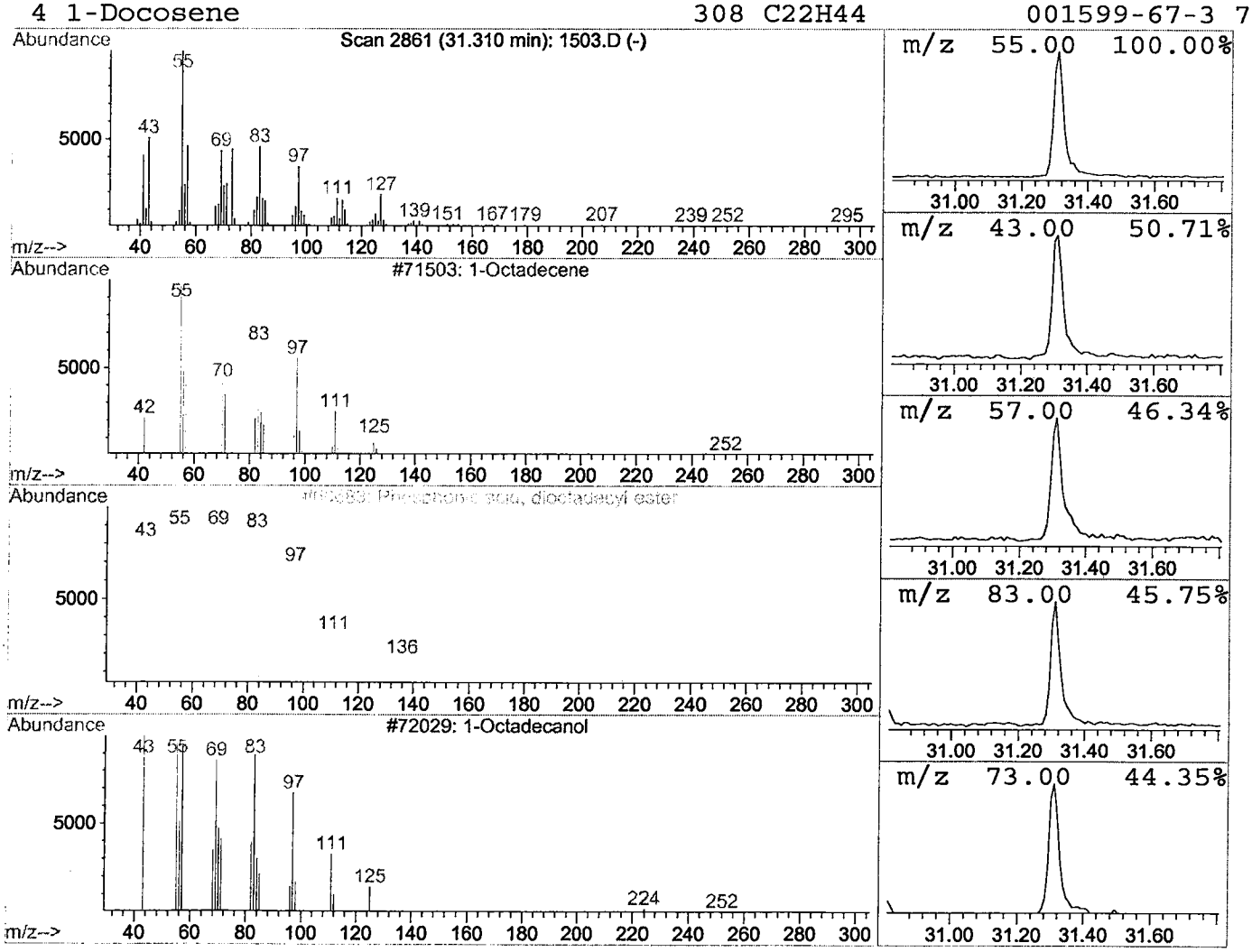
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 1-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.31	3.79 ug/l	253680	Chrysene-d12	33.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	97
2	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	93
3	1-Octadecanol	270	C18H38O	000112-92-5	76
4	1-Docosene	308	C22H44	001599-67-3	76



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1503.D Vial: 26
Acq On : 22 Feb 2002 4:46 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

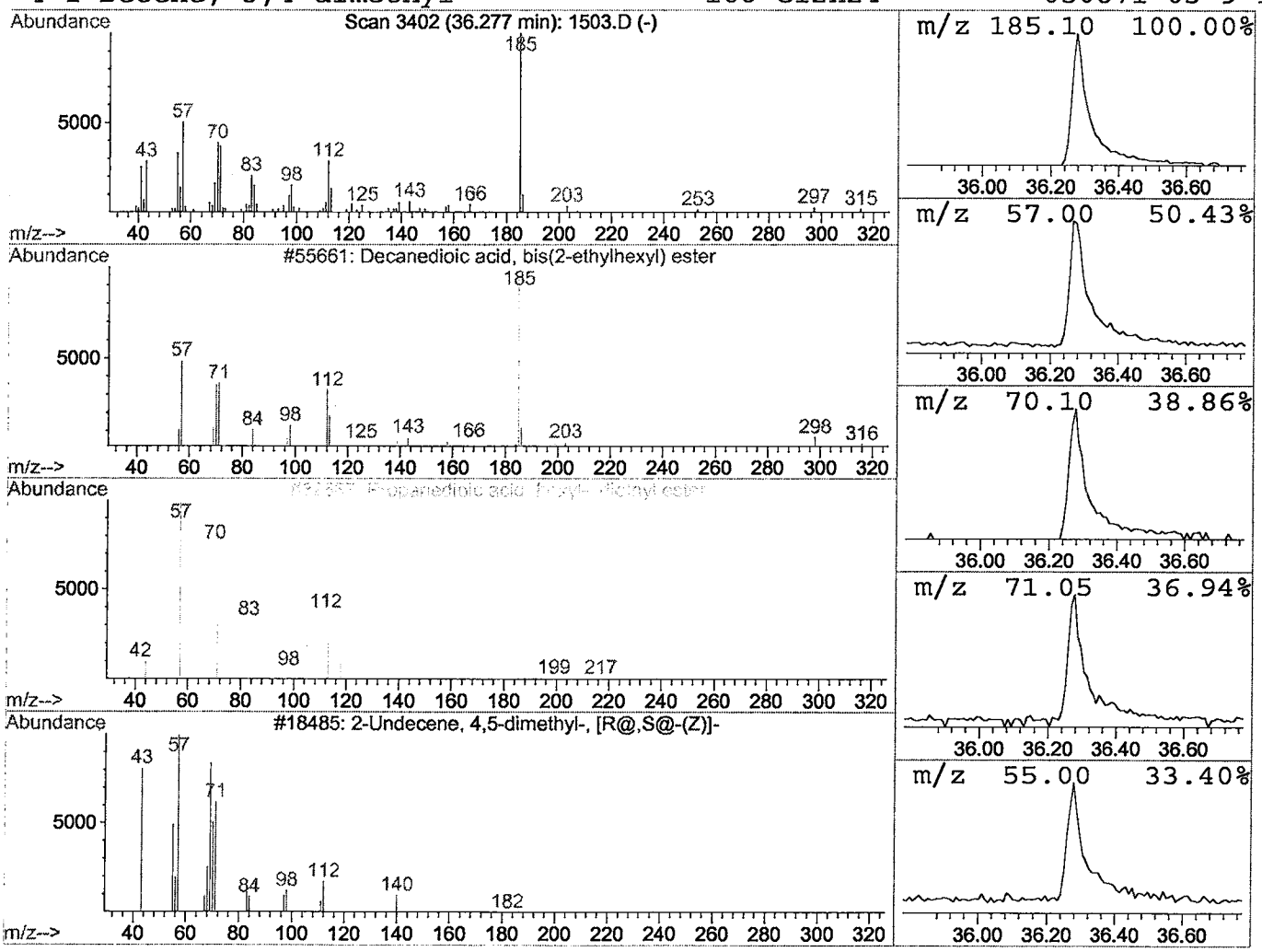
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.28	4.06 ug/l	208726	Perylene-d12	38.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	87
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	25
3	2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	16
4	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	12



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Feb 2002 4:46 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\1503.D
Name: gc/ms scan 1/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
2-Pentanone, 5-metho	12.03	0.3	ug/l	20524	ISTD01	12.33	1378970	20.0
2-Propanol, 1-(2-met	12.26	0.5	ug/l	31342	ISTD01	12.33	1378970	20.0
Nonadecane	24.03	0.4	ug/l	36974	ISTD04	25.74	1774960	20.0
Bitoscanate	25.38	0.4	ug/l	31451	ISTD04	25.74	1774960	20.0
1-Heptadecanol	28.98	1.0	ug/l	84852	ISTD04	25.74	1774960	20.0
Hexadecane	29.09	0.2	ug/l	20100	ISTD04	25.74	1774960	20.0
1-Octadecene	31.31	3.8	ug/l	253680	ISTD05	33.80	1337960	20.0
Decanedioic acid, bi	36.28	4.1	ug/l	208726	ISTD06	38.08	1028830	20.0

1503.D GCMS0208.M Tue Feb 26 15:13:09 2002

TV grease ?