User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 15:51:47

Sample: AE07490
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 15:51 Ended: 4/23/02 15:51 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		110		10.0

Comments for Sample AE07490 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 15:52:12

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7490.D Vial: 23
Acq On : 20 Apr 2002 3:01 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:31 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	472598	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1692402	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	958605	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1401921	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	913100	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	609449	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	34980	4.38	ug/L	-0.05
Spiked Amount 4.000			Recovery = 109.50%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	15.89	128	435	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	22.62	149	2246	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

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DataAcq Meth : GCMS0412

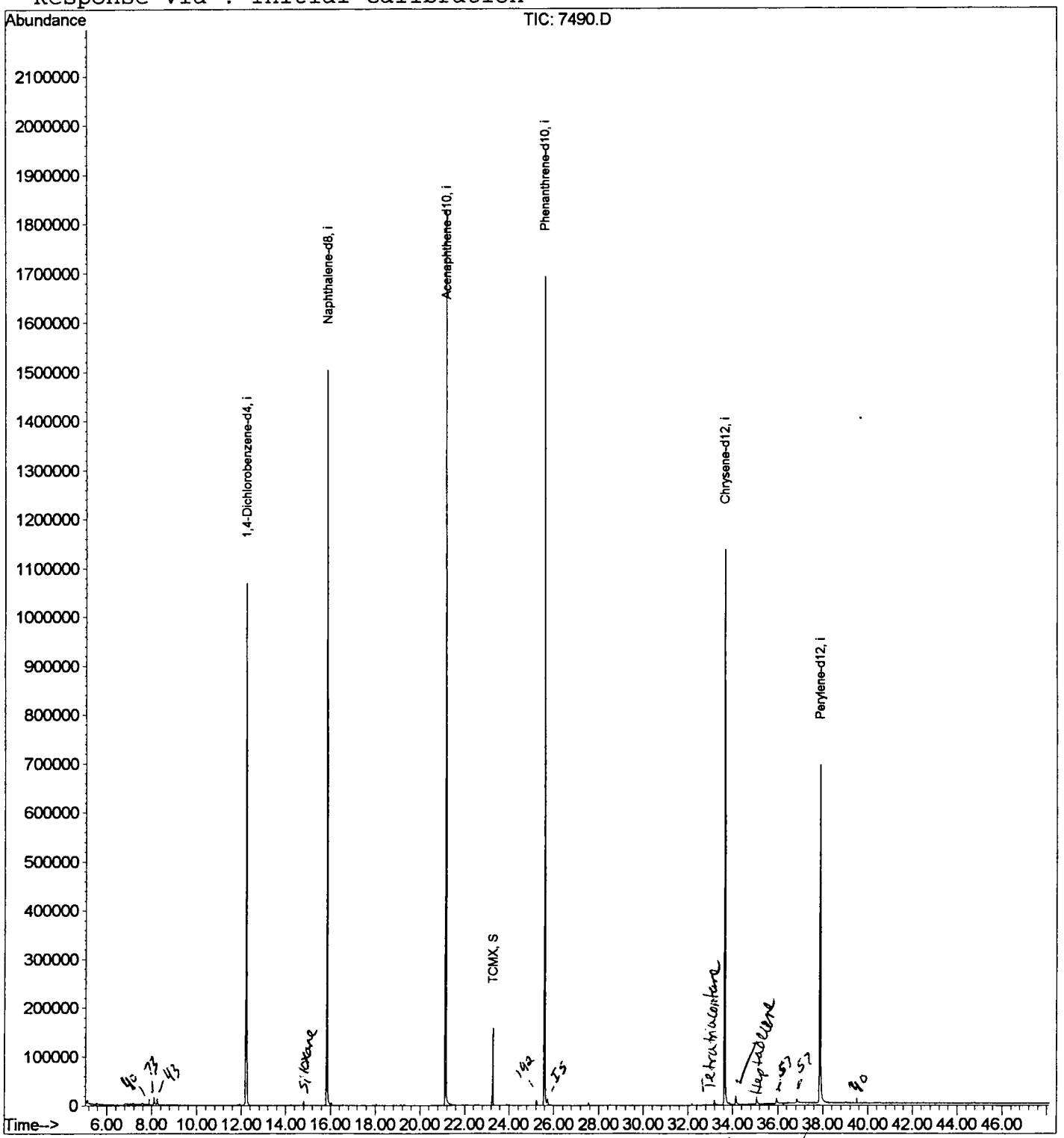
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.64	178	620	N.D.	
35)	Anthracene	25.64	178	620	N.D.	
36)	Di-n-butylphthalate	27.55	149	7643	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.65	228	2168	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.85	149	2283	N.D.	
44)	Chrysene	33.65	228	2168	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	37.88	252	2299	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\7490.D Vial: 23
Acq On : 20 Apr 2002 3:01 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 12:31 2002 Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\7490.D Vial: 23
Acq On : 20 Apr 2002 3:01 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0419.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

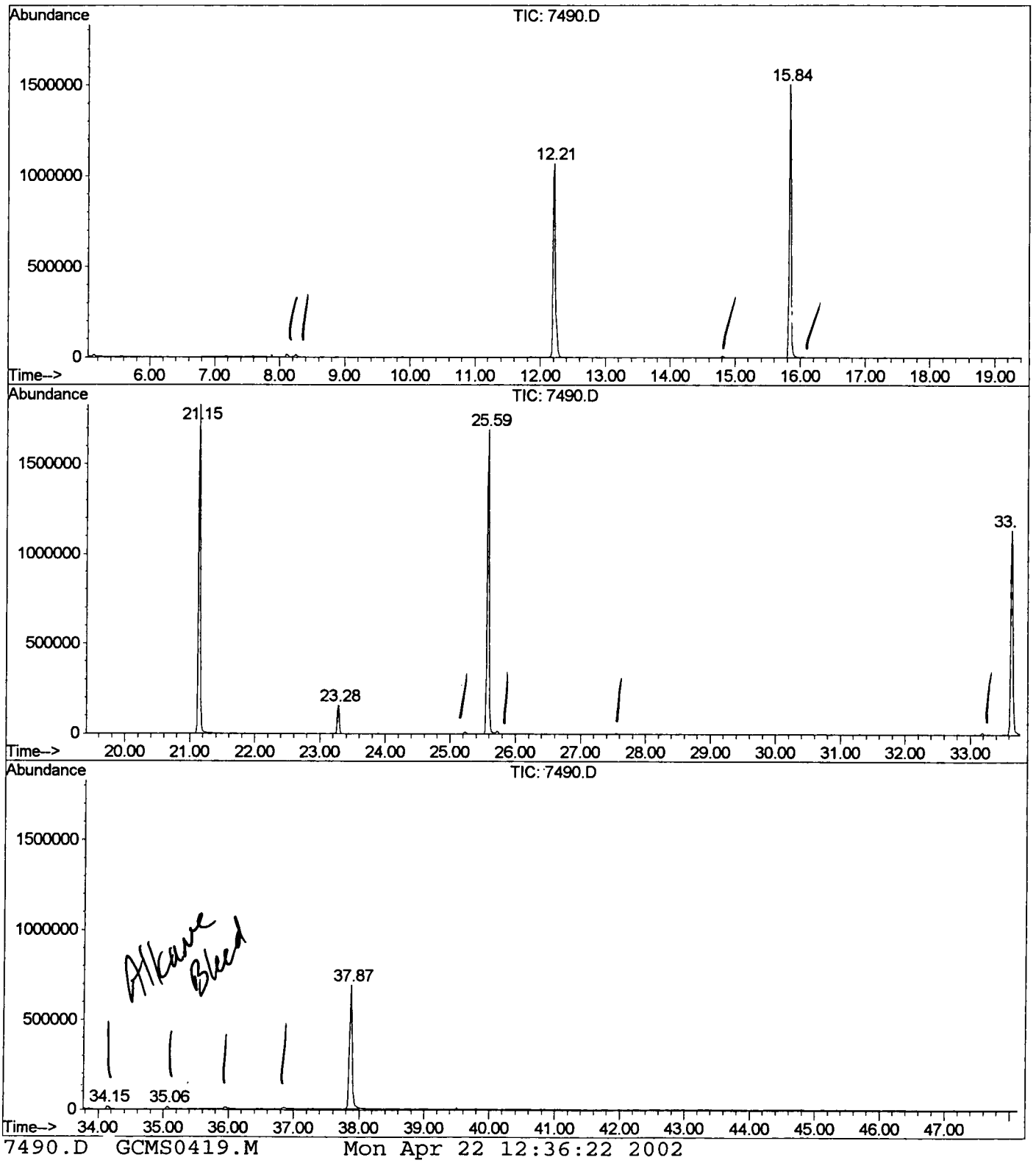
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.213	775	781	795	rVB	1068202	2499533	68.98%	13.995%
2	15.839	1170	1176	1194	rBV	1504635	3186127	87.93%	17.840%
3	21.146	1748	1754	1765	rBV	1828758	3623663	100.00%	20.289%
4	23.285	1979	1987	1994	rVB	157855	305708	8.44%	1.712%
5	25.589	2231	2238	2249	rBV	1692252	3480766	96.06%	19.489%
6	33.640	3108	3115	3130	rBV2	1136644	2624311	72.42%	14.694%
7	34.145	3162	3170	3185	rBV2	16961	57106	1.58%	0.320%
8	35.063	3262	3270	3276	rBV2	16263	44170	1.22%	0.247%
9	37.872	3568	3576	3591	rBV2	689940	2038567	56.26%	11.414%

Sum of corrected areas: 17859951

7490.D GCMS0419.M Mon Apr 22 12:36:21 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7490.D
Operator :
Acquired : 20 Apr 2002 3:01 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/1
Misc Info :
Vial Number: 23
Quant File :GCMS0419.RES (RTE Integrator)



7490.D GCMS0419.M Mon Apr 22 12:36:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7490.D Vial: 23
Acq On : 20 Apr 2002 3:01 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

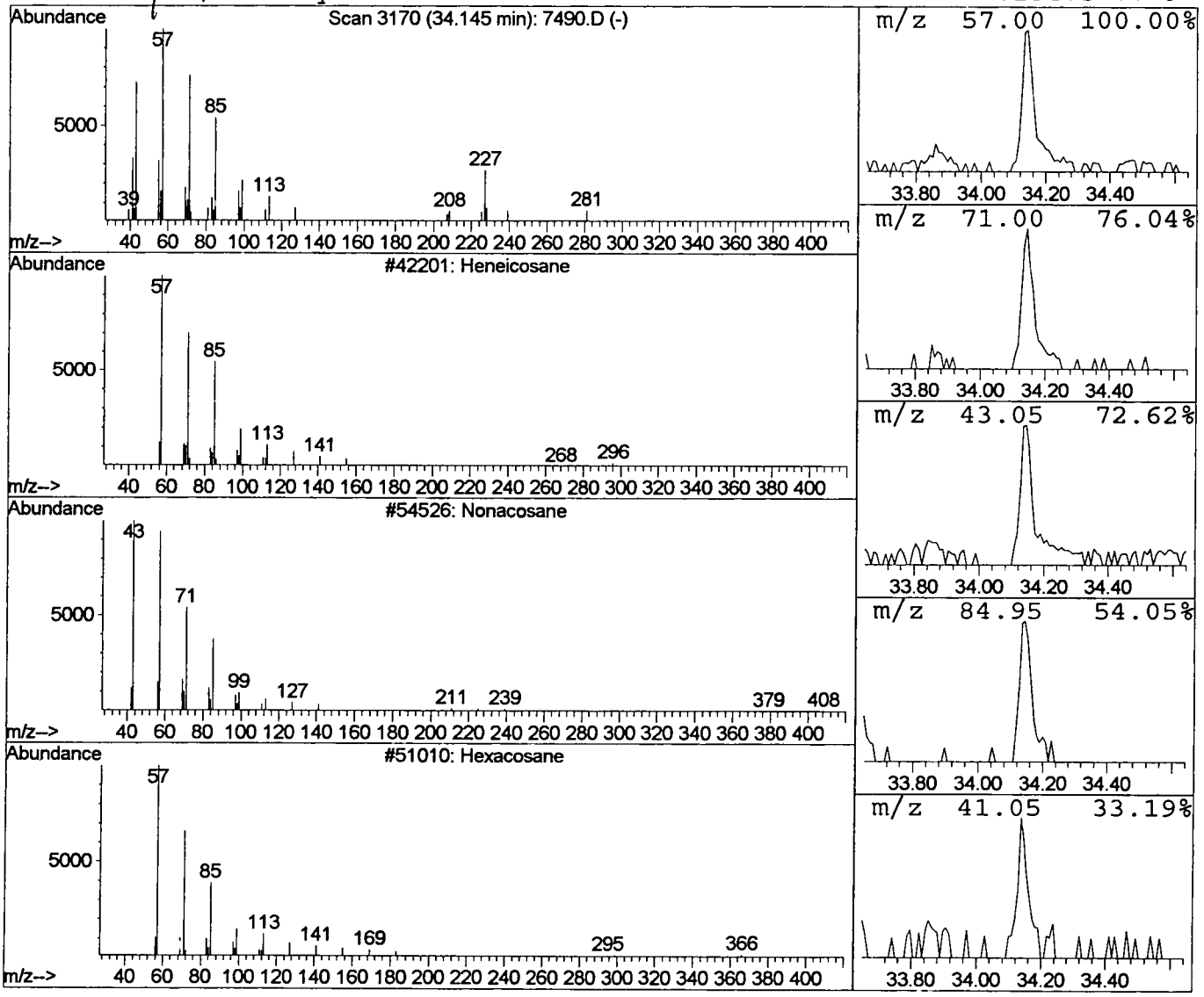
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.15	0.44 ug/l	57106	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	74
2	Nonacosane	408	C29H60	000630-03-5	72
3	Hexacosane	366	C26H54	000630-01-3	72
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7490.D Vial: 23
Acq On : 20 Apr 2002 3:01 pm Operator:
Sample : gc/ms scan 4/1 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

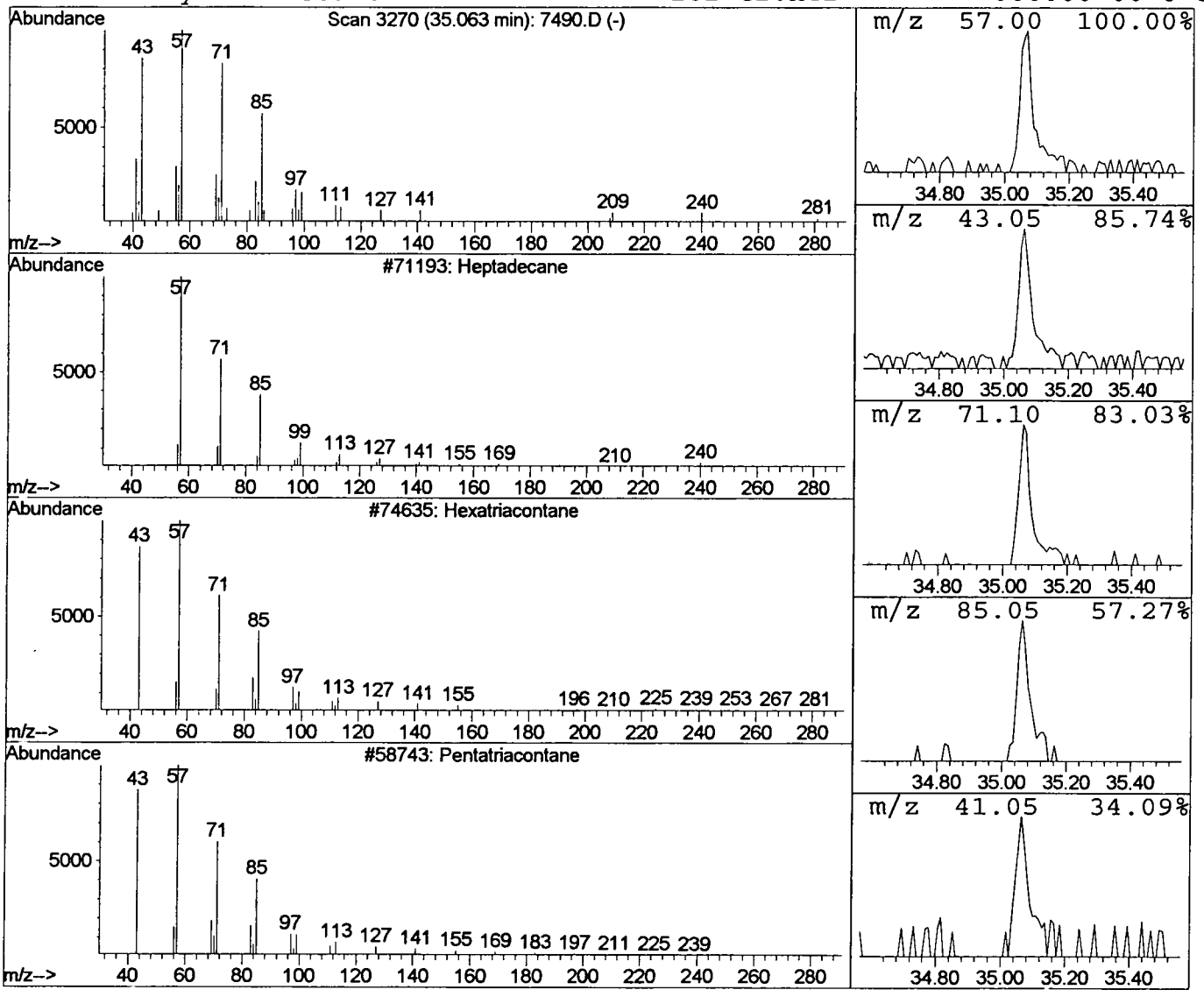
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.06	0.34 ug/l	44170	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Hexatriacontane	507	C36H74	000630-06-8	87
3	Pentatriacontane	493	C35H72	000630-07-9	87
4	10-Methylnonadecane	282	C20H42	000000-00-0	87



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Apr 2002 3:01 pm
Data File: C:\HPCHEM\1\DATA\APR1802\7490.D
Name: gc/ms scan 4/1
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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
~~Heneicosane~~	34.15	0.4	ug/l	57106	ISTD05	33.64	2624310	20.0
Heptadecane	35.06	0.3	ug/l	44170	ISTD05	33.64	2624310	20.0

7490.D GCMS0419.M Mon Apr 22 12:36:24 2002