User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 15:01:05

Sample: AE06457
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/19/02 15:00 Ended: 4/19/02 15:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		115		5.0

Comments for Sample AE06457 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-19-2002 Time: 15:01:31

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\6457.D Vial: 15
Acq On : 17 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:06 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 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	455455	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1628930	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	917581	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1300744	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	810465	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	544727	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/L	
Spiked Amount 10.000			Recovery = 0.00%			
38) 2,4-DDD	30.66	235	87368	5.77	ug/mL	0.16
Spiked Amount 5.000			Recovery = 115.40%			
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	0.00	128	0	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	1268	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\6457.D Vial: 15
Acq On : 17 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:06 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

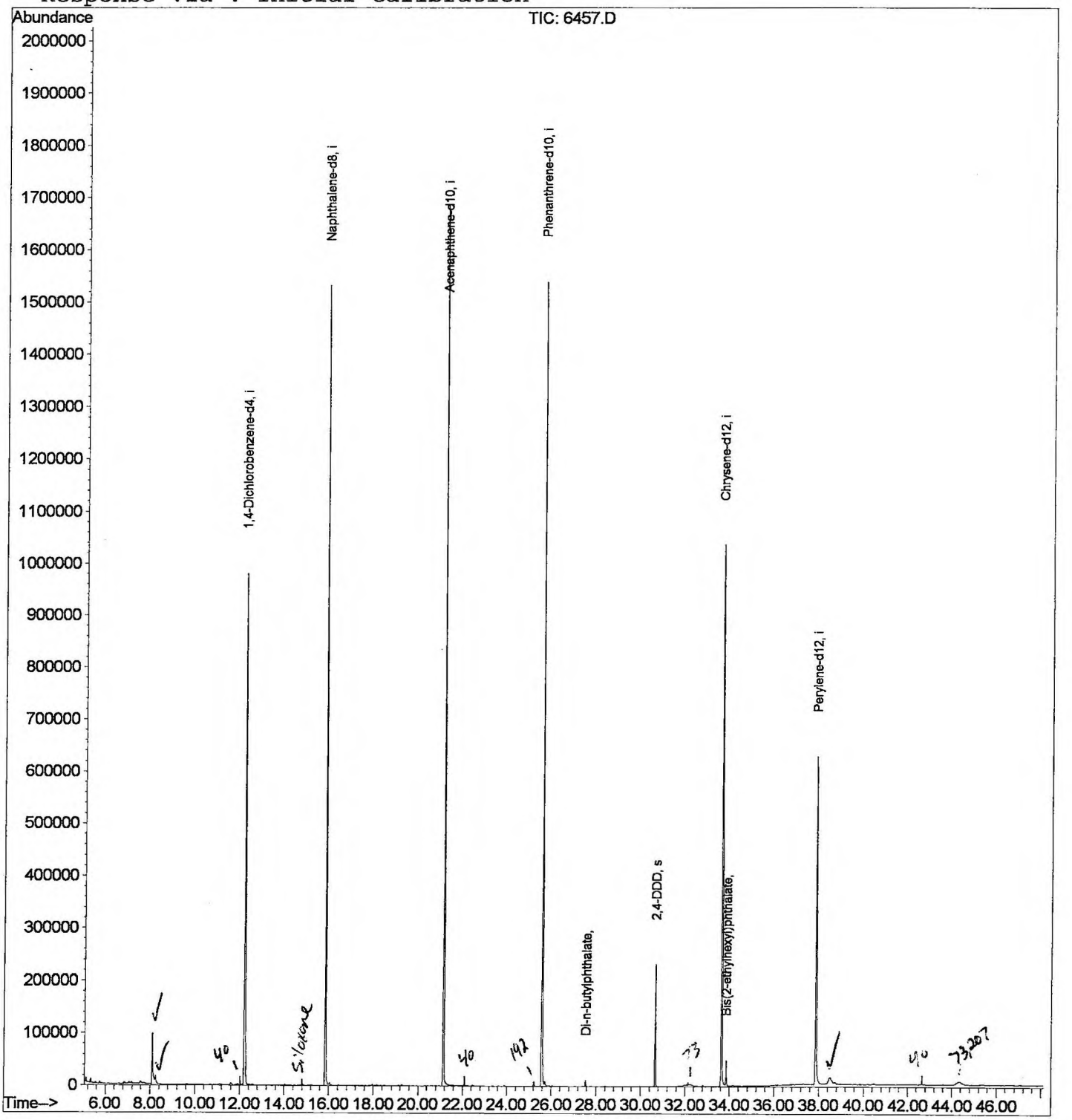
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	170	N.D.	
35) Anthracene	25.58	178	170	N.D.	
36) Di-n-butylphthalate	27.56	149	14020	0.33 ug/l #	95
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.07	149	671	N.D.	
42) Benzo(a)anthracene	33.64	228	1827	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	28509	1.40 ug/l	96
44) Chrysene	33.64	228	1827	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	2295	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\APR1702\6457.D Vial: 15
Acq On : 17 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 9:06 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1702\6457.D Vial: 15
Acq On : 17 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

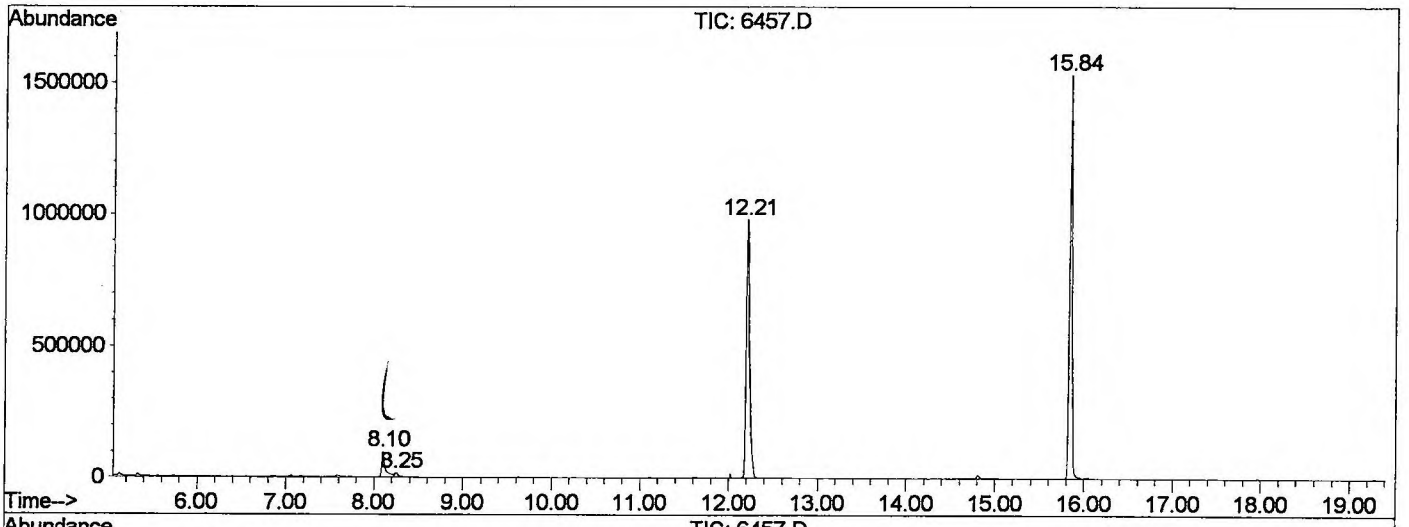
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.105	329	333	346	rBV	96804	269837	7.79%	1.560%
2	8.252	346	349	357	rVB	15828	41295	1.19%	0.239%
3	12.208	775	780	794	rVB	978962	2420704	69.92%	13.993%
4	15.844	1170	1176	1193	rBV	1531951	3053922	88.21%	17.654%
5	21.150	1747	1754	1768	rBV	1687831	3462068	100.00%	20.013%
6	25.584	2231	2237	2248	rBV2	1539522	3233480	93.40%	18.692%
7	30.661	2785	2790	2796	rBV	231937	433498	12.52%	2.506%
8	33.644	3108	3115	3134	rBV	1037464	2347338	67.80%	13.569%
9	33.855	3134	3138	3147	rVB	48144	101827	2.94%	0.589%
10	37.867	3567	3575	3594	rBV2	626680	1842021	53.21%	10.648%
11	38.519	3634	3646	3664	rVB9	10801	93122	2.69%	0.538%

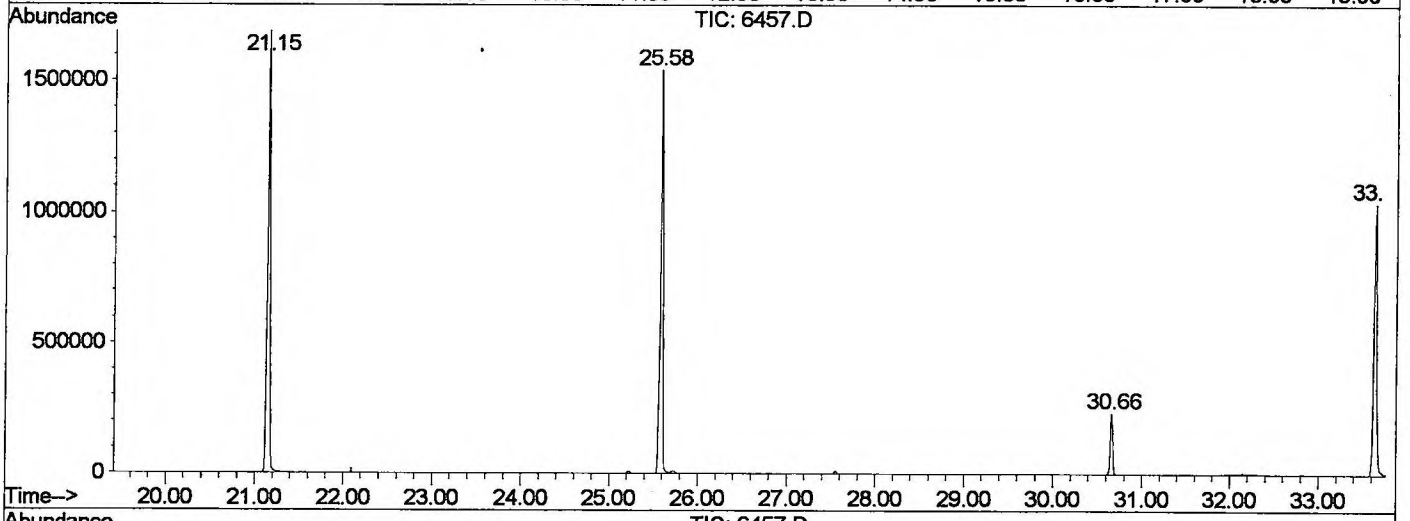
Sum of corrected areas: 17299112

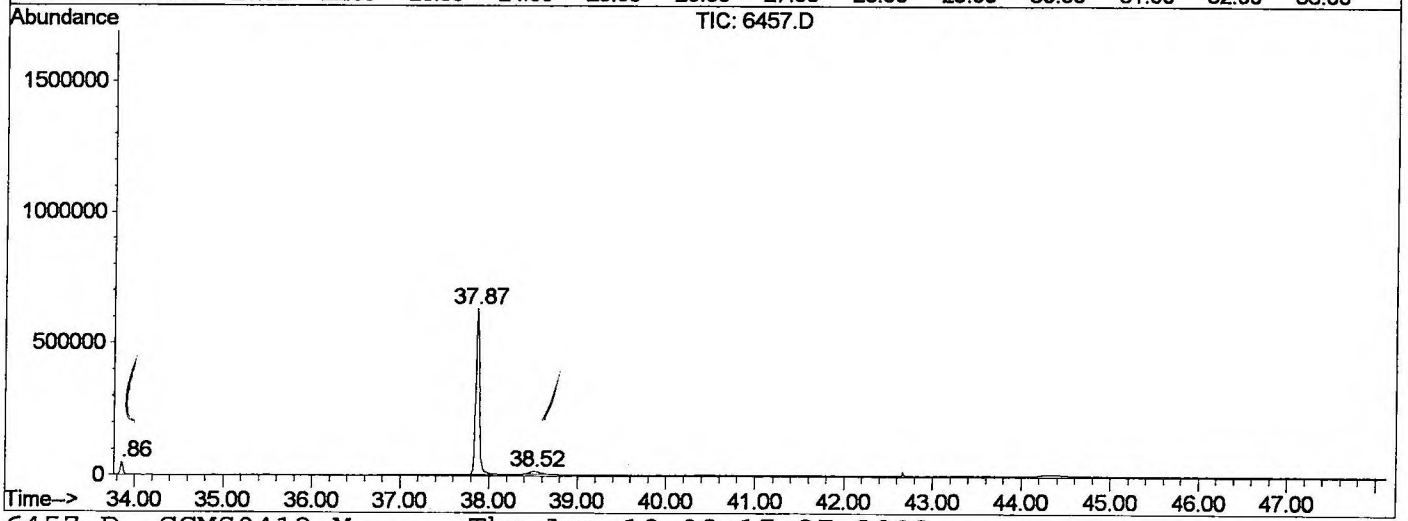
6457.D GCMS0412.M Thu Apr 18 09:15:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\6457.D
Operator :
Acquired : 17 Apr 2002 9:54 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 3/19
Misc Info :
Vial Number: 15
Quant File :GCMS0412.RES (RTE Integrator)







6457.D GCMS0412.M Thu Apr 18 09:15:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6457.D Vial: 15
Acq On : 17 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

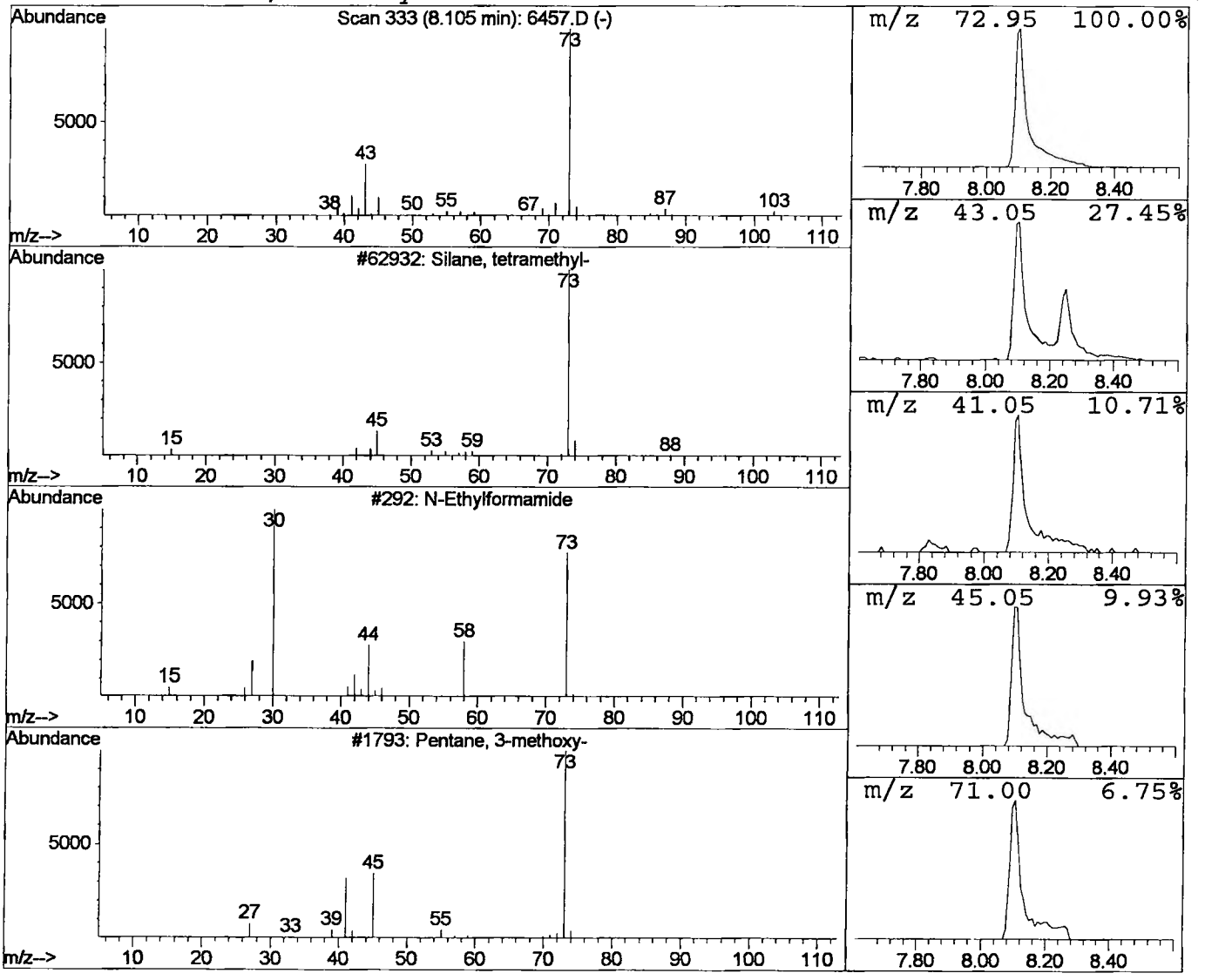
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	2.23 ug/l	269837	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6457.D Vial: 15
Acq On : 17 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

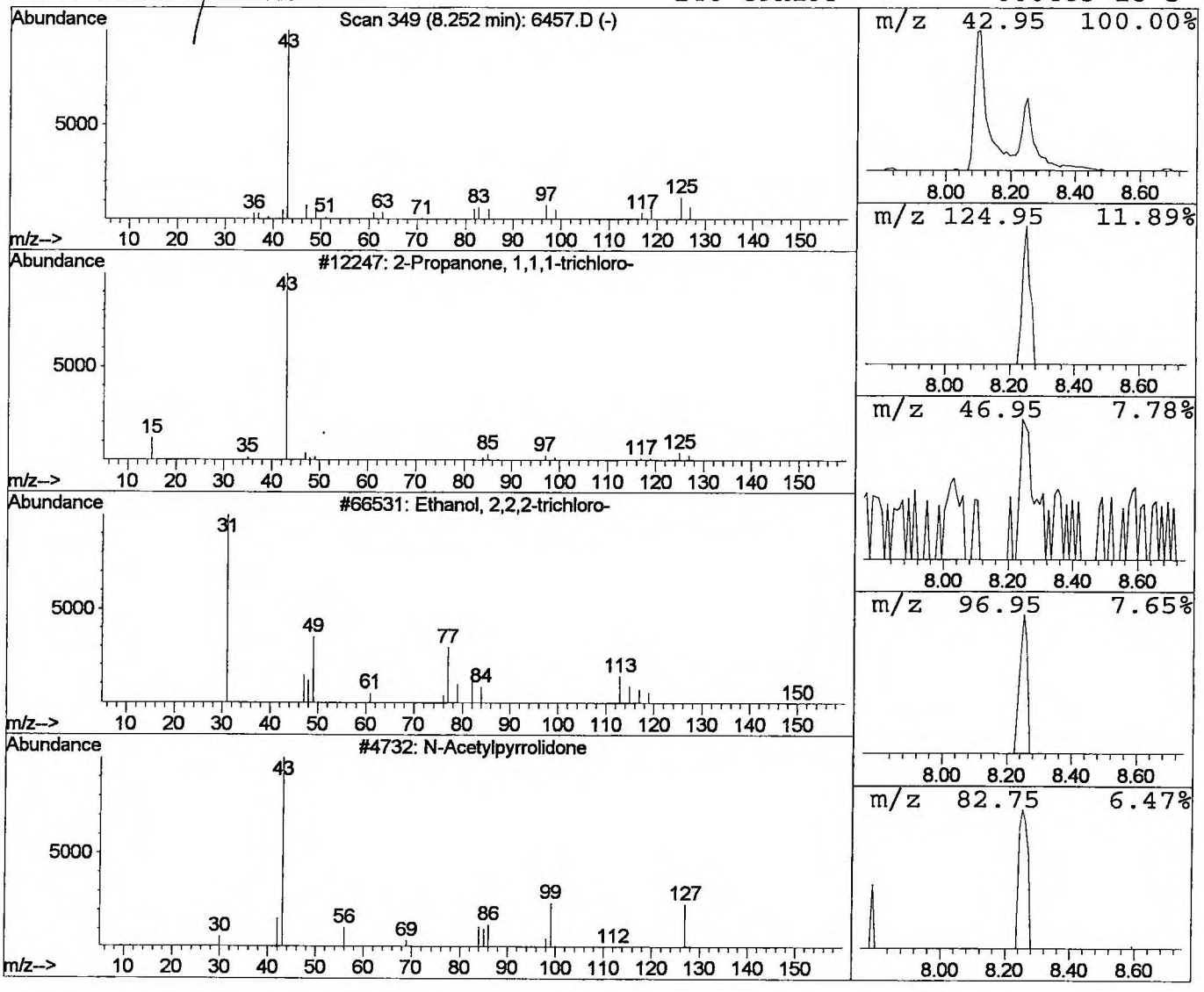
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	0.34 ug/l	41295	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	33
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	4
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
4	1-Fluorononane	146	C9H19F	000463-18-3	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\6457.D Vial: 15
Acq On : 17 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 3/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

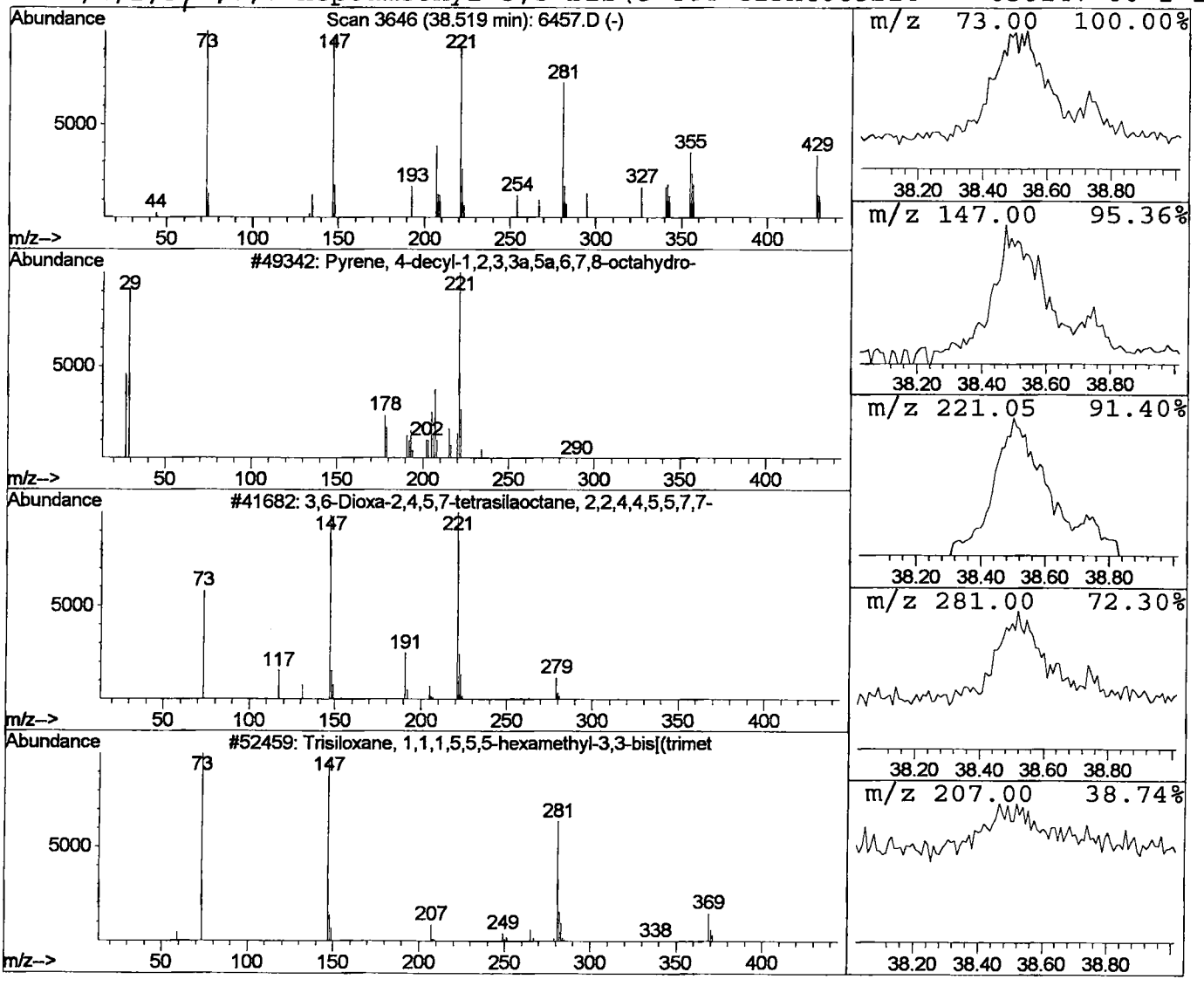
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Pyrene, 4-decyl-1,2,3,3a,5a,6, Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.52	1.01 ug/l	93122	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-decyl-1,2,3,3a,5a,6,7,8-o	350	C26H38	055493-75-9	27
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	23
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	22
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 17 Apr 2002 9:54 pm
Data File: C:\HPCHEM\1\DATA\APR1702\6457.D
Name: gc/ms scan 3/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
Silane, tetramethyl-	8.10	2.2	ug/l	269837	ISTD01	12.21	2420700	20.0
2-Propanone, 1,1,1-t	8.25	0.3	ug/l	41295	ISTD01	12.21	2420700	20.0
Pyrene, 4-decyl-1,2,	38.52	1.0	ug/l	93122	ISTD06	37.87	1842020	20.0

6457.D GCMS0412.M Thu Apr 18 09:15:30 2002