User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 13:58:04

Sample: AE05845
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 13:56 Ended: 4/26/02 13:56 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE05845 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 13:58:29

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\APR2302\5845.D Vial: 19
Acq On : 24 Apr 2002 7:56 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:18 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	506271	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1849425	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1042327	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1518852	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	972346	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	600016	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	41489	7.94	ug/L	-0.05
Spiked Amount 10.000			Recovery = 79.40%			
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	12.25	146	291	N.D.		
5) 1,4-Dichlorobenzene	12.25	146	291	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	15.90	128	945	N.D.		
16) Hexachlorobutadiene	16.45	225	227	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.42	162	215	N.D.		
20) Dimethylphthalate	20.49	163	327	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.69	152	372	N.D.		
23) Acenaphthene	21.24	153	388	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.62	149	1120	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.76	166	324	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\APR2302\5845.D Vial: 19
Acq On : 24 Apr 2002 7:56 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:18 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

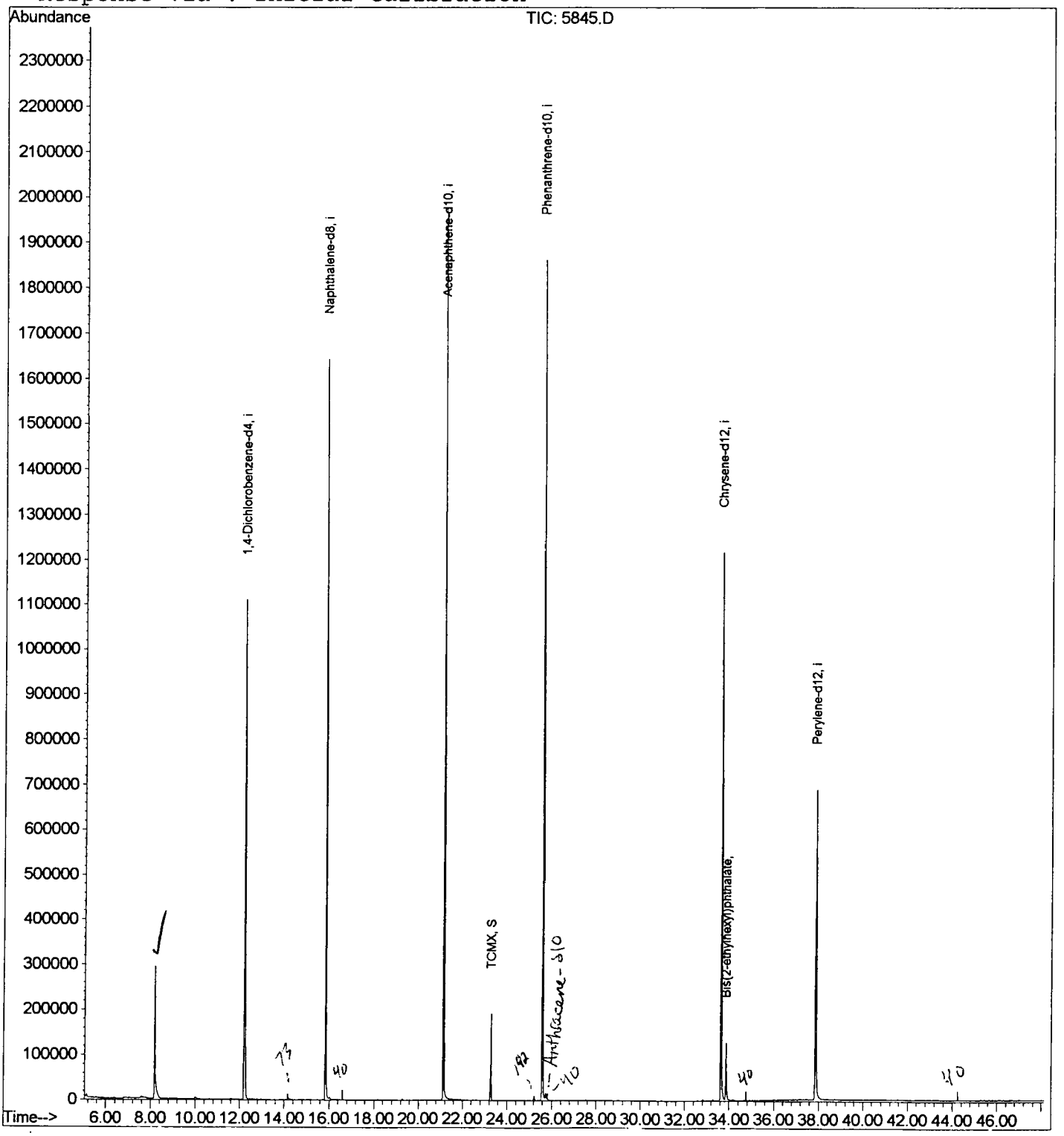
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.65	178	744	N.D.	
35)	Anthracene	25.78	178	311	N.D.	
36)	Di-n-butylphthalate	27.55	149	1526	N.D.	
37)	Fluoranthene	29.28	202	212	N.D.	
40)	Pyrene	29.95	202	371	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.65	228	2800	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	91783	3.76 ug/l	99
44)	Chrysene	33.72	228	984	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.70	252	450	N.D.	
48)	Benzo(k)fluoranthene	36.76	252	219	N.D.	
49)	Benzo(a)pyrene	37.87	252	2377	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\APR2302\5845.D Vial: 19
Acq On : 24 Apr 2002 7:56 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 11:18 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\APR2302\5845.D Vial: 19
Acq On : 24 Apr 2002 7:56 am Operator:
Sample : gc/ms scan 4/17 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

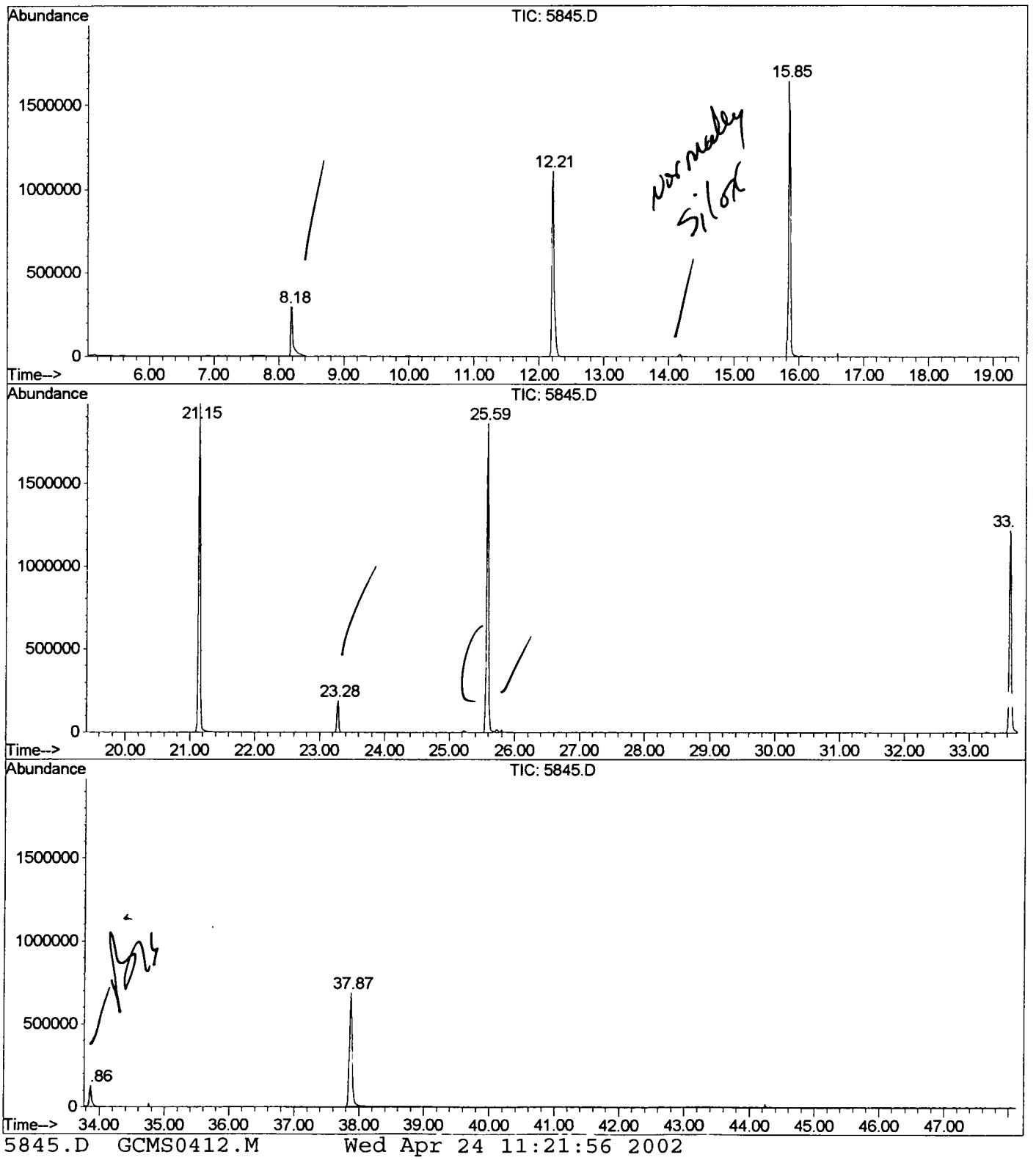
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.183	339	342	366	rBV	293040	758901	19.06%	3.738%
2	12.213	775	781	796	rBV	1109374	2714845	68.17%	13.371%
3	15.848	1170	1177	1193	rBV	1643080	3504762	88.01%	17.262%
4	21.145	1748	1754	1768	rBV	1977745	3982428	100.00%	19.614%
5	23.285	1980	1987	1993	rBV	191602	374181	9.40%	1.843%
6	25.589	2231	2238	2249	rBV	1861935	3816637	95.84%	18.798%
7	33.640	3108	3115	3134	rBV2	1218264	2822221	70.87%	13.900%
8	33.860	3134	3139	3151	rVB	126959	295253	7.41%	1.454%
9	37.872	3568	3576	3593	rBV2	687276	2034611	51.09%	10.021%

Sum of corrected areas: 20303839

5845.D GCMS0412.M Wed Apr 24 11:21:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\5845.D
Operator :
Acquired : 24 Apr 2002 7:56 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/17
Misc Info :
Vial Number: 19
Quant File :GCMS0412.RES (RTE Integrator)



5845.D GCMS0412.M Wed Apr 24 11:21:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\5845.D Vial: 19
Acq On : 24 Apr 2002 7:56 am Operator:
Sample : gc/ms scan 4/17 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

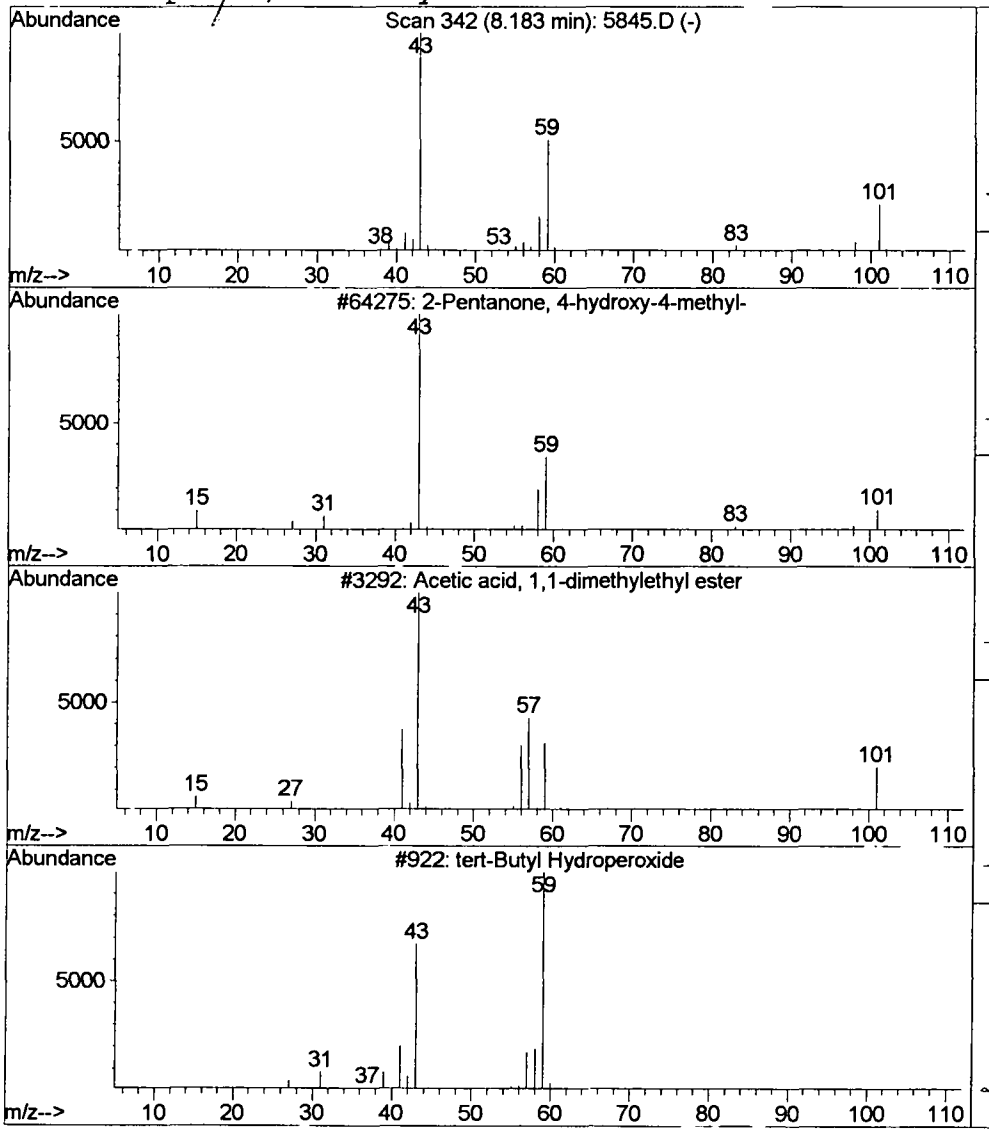
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

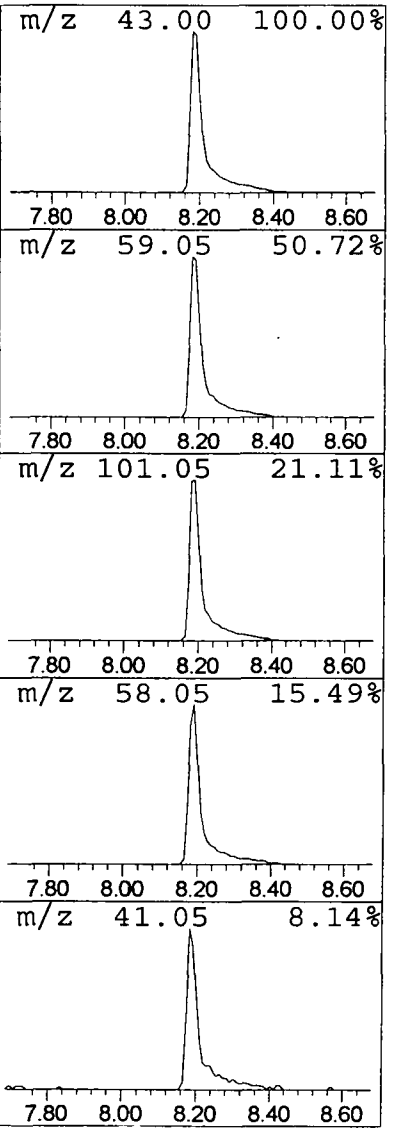
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	5.59 ug/l	758901	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 7:56 am
Data File: C:\HPCHEM\1\DATA\APR2302\5845.D
Name: gc/ms scan 4/17
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
2-Pentanone, 4-hydro	8.18	5.6	ug/l	758901	ISTD01	12.21	2714850	20.0

5845.D GCMS0412.M Wed Apr 24 11:21:58 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR03022\5845.D Vial: 19
Acq On : 4 Apr 2002 1:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:34 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	356864	20.00	ug/l	-0.02
10) Naphthalene-d8	15.88	136	1293302	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.19	164	729221	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.62	188	1003696	20.00	ug/l	-0.03
39) Chrysene-d12	33.68	240	476212	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	261996	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery = 0.00%			
38) 2,4-DDD	30.71	235	79717	8.24	ug/mL	0.21
Spiked Amount 5.000			Recovery = 164.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.56	74	178	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	15.94	128	198	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.	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	22.68	149	1589	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\APR03022\5845.D Vial: 19
Acq On : 4 Apr 2002 1:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:34 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

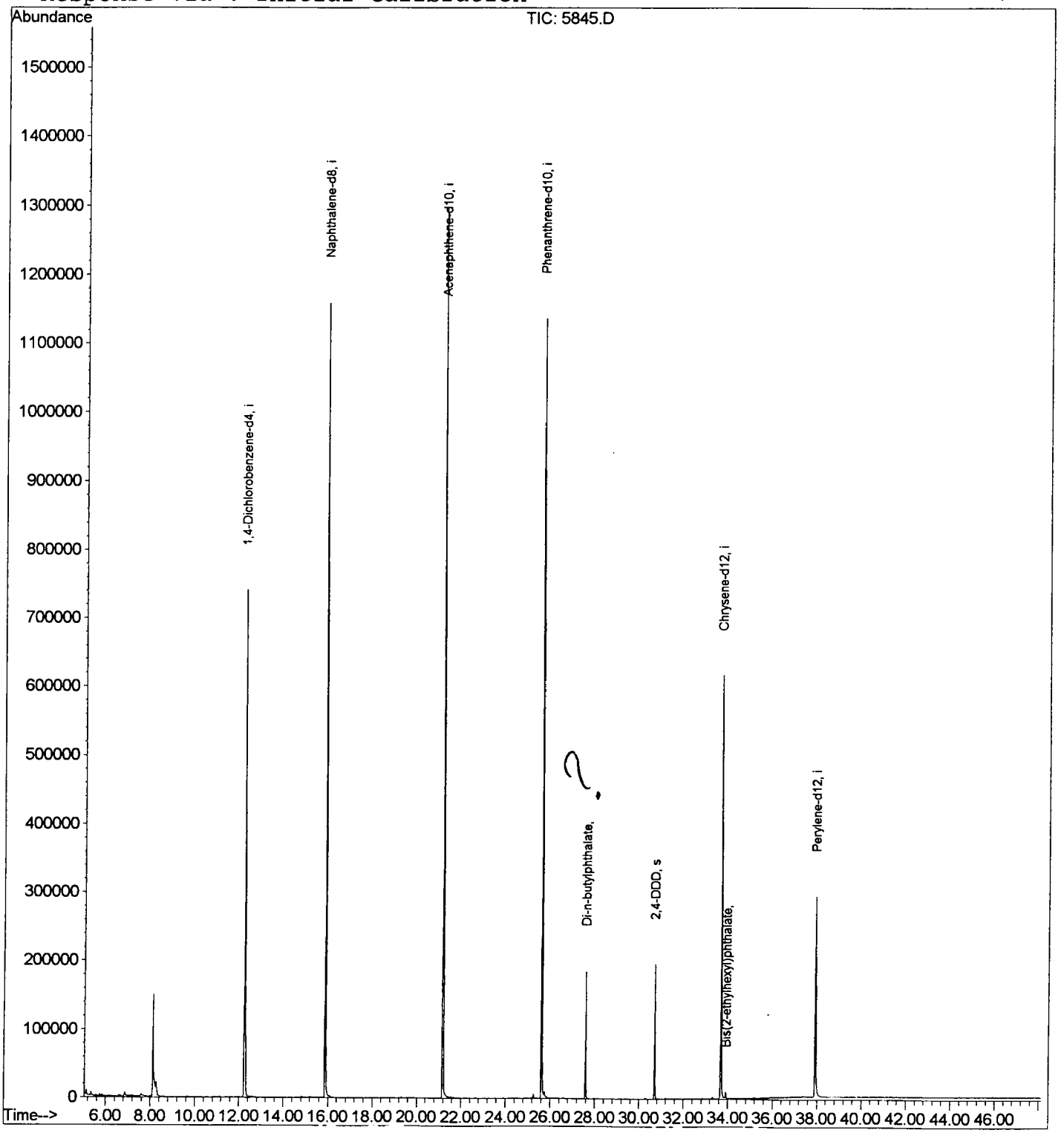
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	25.62	178	130	N.D.	
36)	Di-n-butylphthalate	27.60	149	208321	10.13 ug/l	99
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.68	228	1153	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.91	149	5835	0.83 ug/l #	95
44)	Chrysene	33.68	228	1153	N.D.	
46)	Di-n-Octylphthalate	35.64	149	110	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	37.94	252	992	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\APR03022\5845.D Vial: 19
Acq On : 4 Apr 2002 1:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:34 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR03022\5845.D Vial: 19
Acq On : 4 Apr 2002 1:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

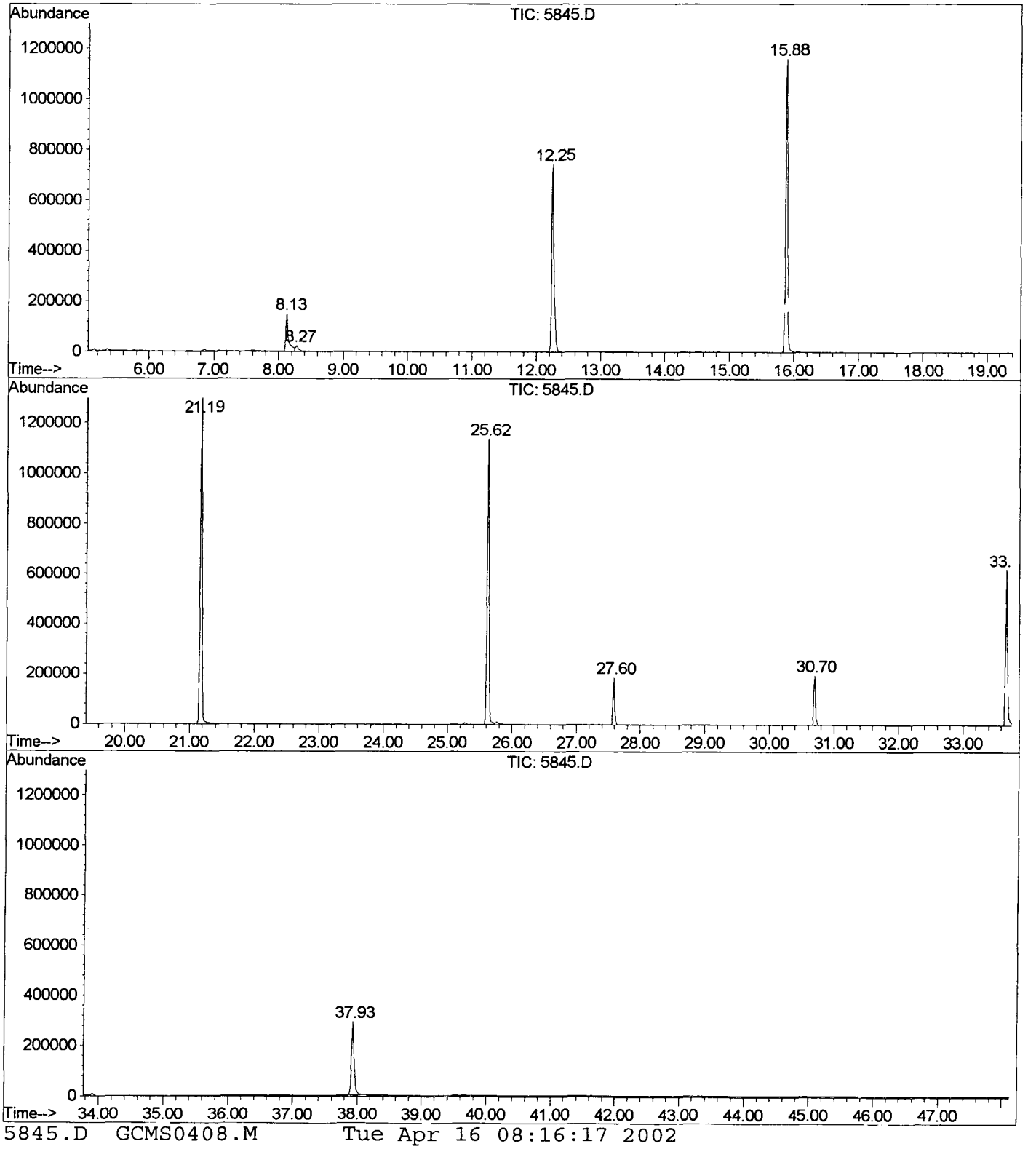
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.127	331	336	349	rBV	148573	418687	15.05%	3.186%
2	8.274	349	352	363	rVB2	20799	63069	2.27%	0.480%
3	12.249	779	785	803	rBV	740452	1924375	69.16%	14.642%
4	15.884	1175	1181	1198	rBV	1159029	2449254	88.02%	18.636%
5	21.190	1752	1759	1769	rBV	1298863	2782687	100.00%	21.173%
6	25.624	2236	2242	2254	rBV2	1137148	2530126	90.92%	19.252%
7	27.598	2451	2457	2466	rBV	185763	342511	12.31%	2.606%
8	30.701	2790	2795	2804	rBV	196398	389589	14.00%	2.964%
9	33.685	3112	3120	3135	rBV2	618442	1365095	49.06%	10.387%
10	37.926	3574	3582	3597	rBV2	292332	877065	31.52%	6.674%

Sum of corrected areas: 13142458

5845.D GCMS0408.M Tue Apr 16 08:16:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR03022\5845.D
Operator :
Acquired : 4 Apr 2002 1:25 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 19
Quant File :GCMS0408.RES (RTE Integrator)



5845.D GCMS0408.M Tue Apr 16 08:16:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR03022\5845.D Vial: 19
Acq On : 4 Apr 2002 1:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

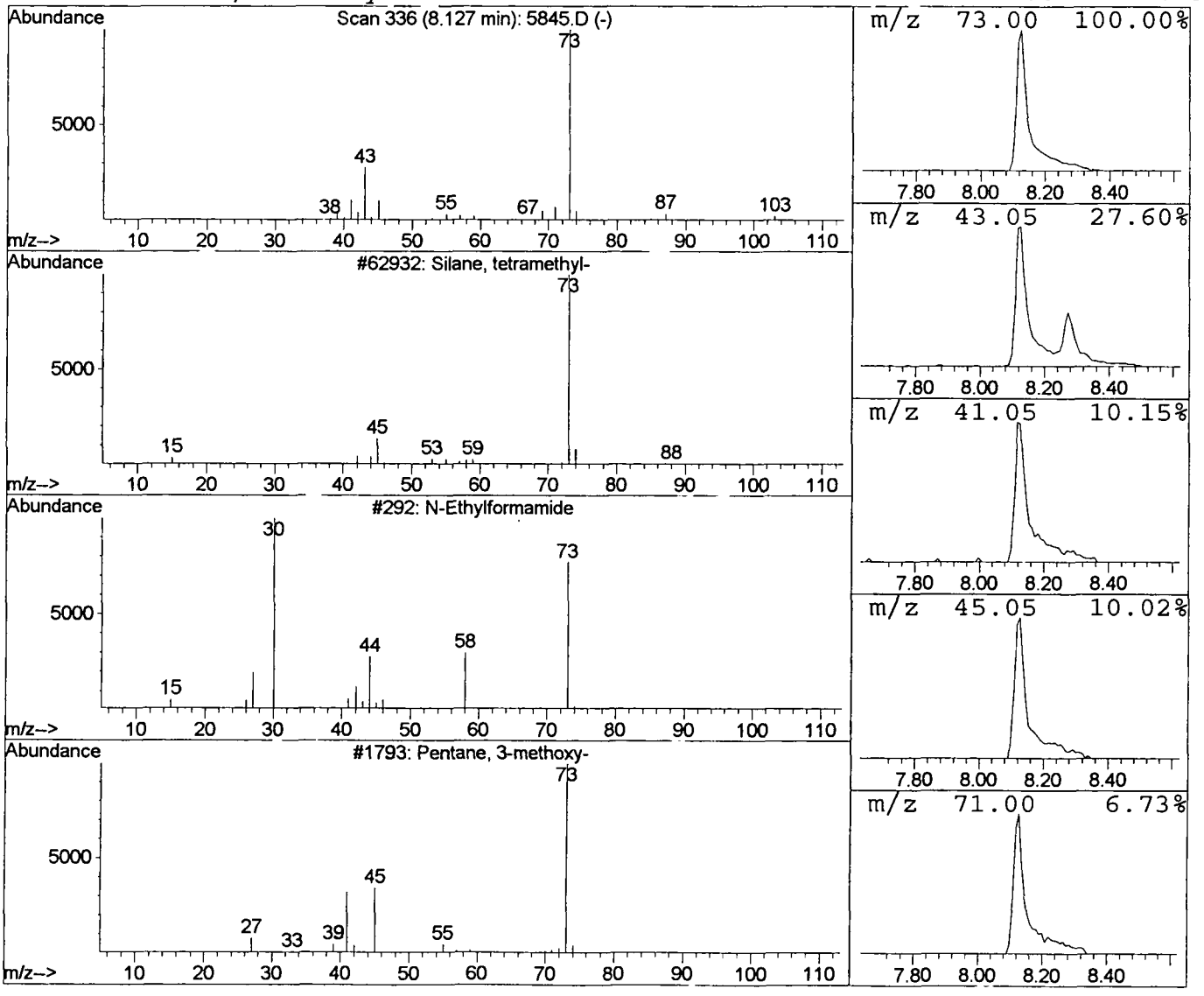
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	8.70 ug/l	418687	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR03022\5845.D Vial: 19
Acq On : 4 Apr 2002 1:25 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

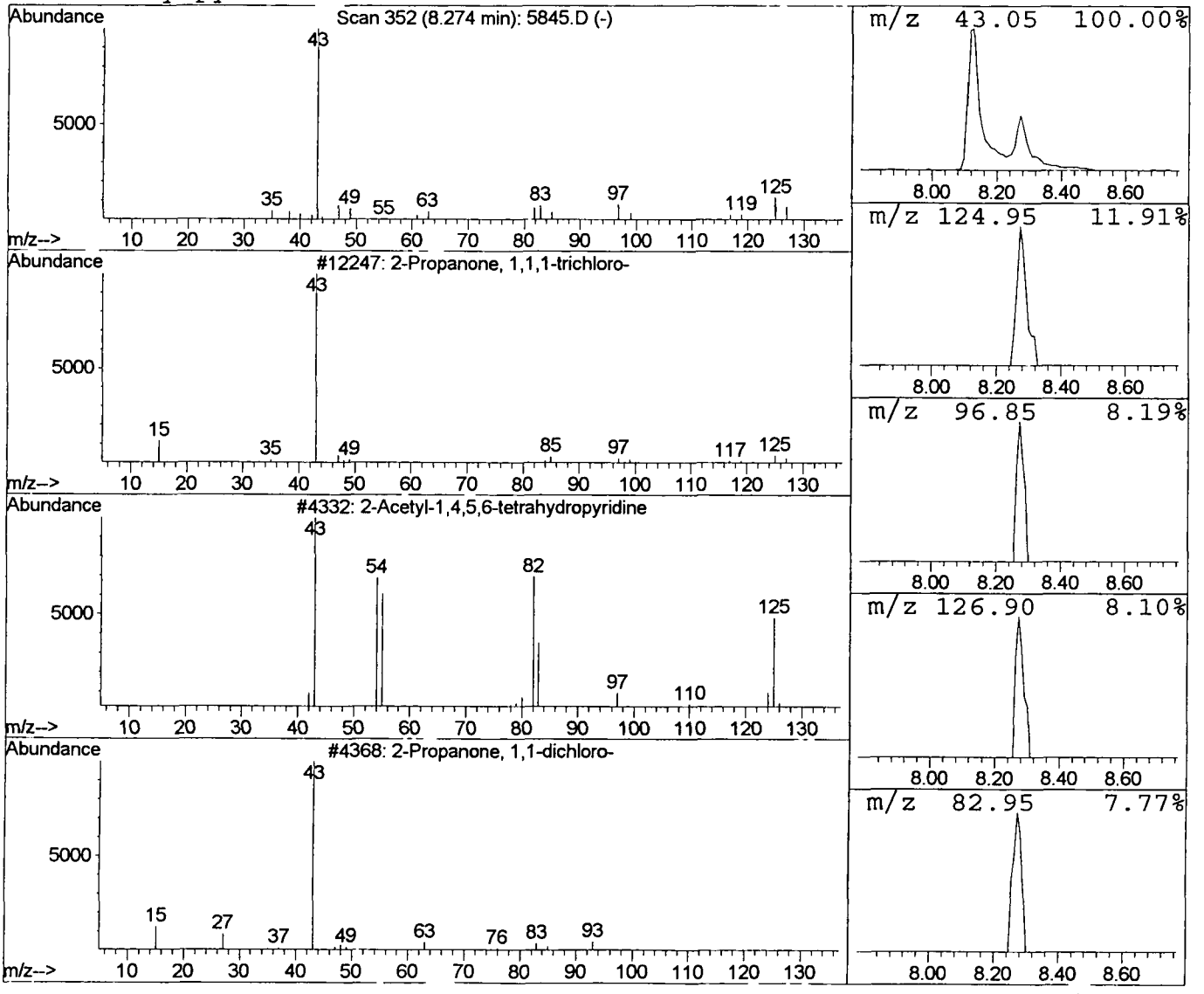
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	1.31 ug/l	63069	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	4
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	3



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Apr 2002 1:25 pm
Data File: C:\HPCHEM\1\DATA\APR03022\5845.D
Name: gc/ms scan 3/12
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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-	8.13	8.7	ug/l	418687	ISTD01	12.25	1924380	20.0
2-Propanone, 1,1,1-t	8.27	1.3	ug/l	63069	ISTD01	12.25	1924380	20.0

5845.D GCMS0408.M Tue Apr 16 08:16:19 2002