User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:31:26

Sample: AD31592
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/28/02 08:31 Ended: 2/28/02 08:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		5.0

Comments for Sample AD31592 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-28-2002 Time: 08:31:29

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31592.D Vial: 42
Acq On : 23 Feb 2002 7:32 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:52 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 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	226711	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	874485	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	456594	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	641784	20.00	ug/l	-0.04
38) Chrysene-d12	33.80	240	434857	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	287884	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	38776	5.79	ug/mL	0.32
Spiked Amount 5.000			Recovery = 115.80%			
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	22.77	149	344	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31592.D Vial: 42
Acq On : 23 Feb 2002 7:32 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:52 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

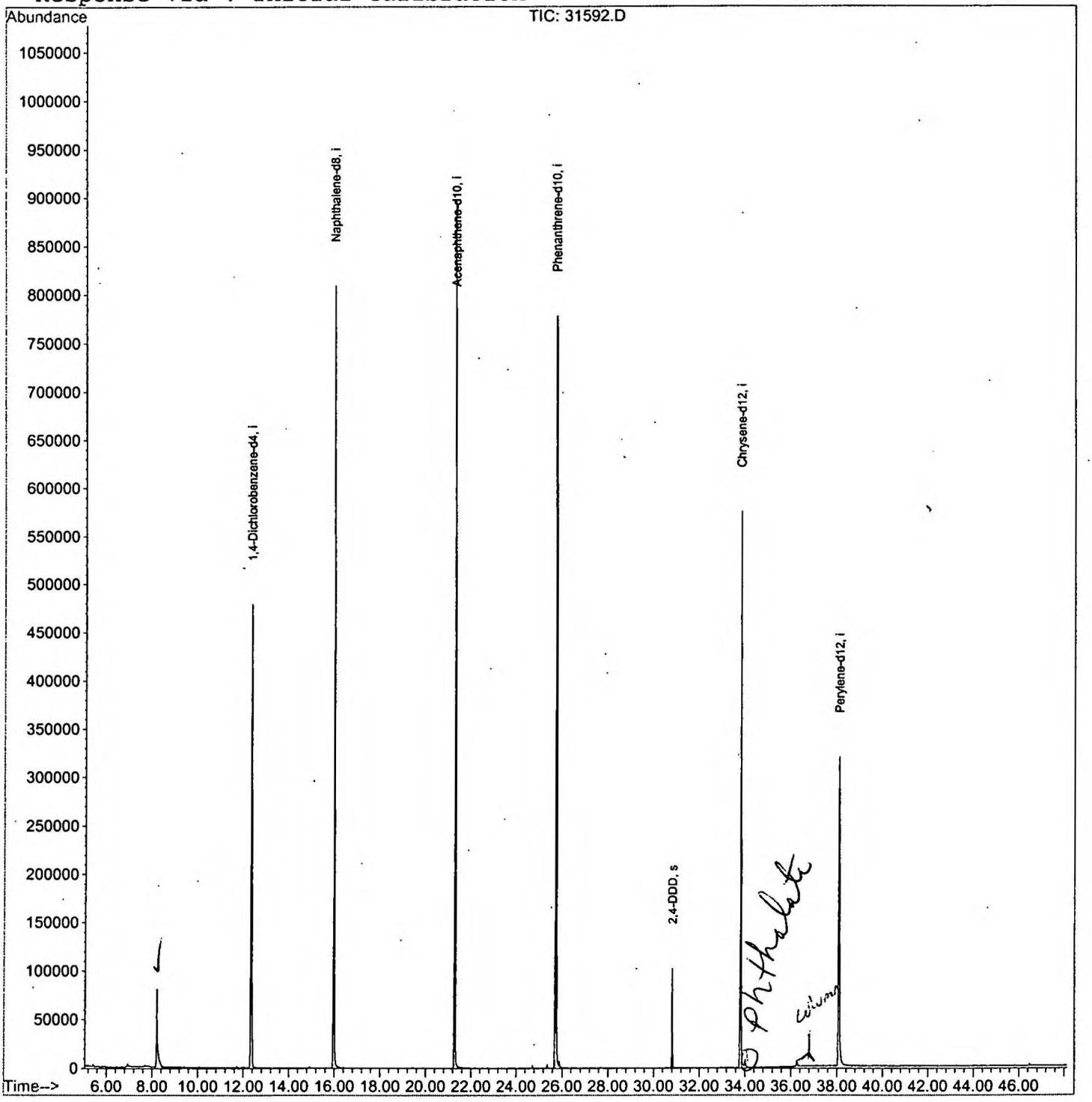
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	0.00	178	0	N.D.	
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	27.70	149	2011	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.23	149	199	N.D.	
41) Benzo(a)anthracene	33.80	228	912	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.01	149	6418	N.D.	
43) Chrysene	33.80	228	912	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	38.09	252	1046	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31592.D Vial: 42
Acq On : 23 Feb 2002 7:32 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:52 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31592.D Vial: 42
Acq On : 23 Feb 2002 7:32 am Operator:
Sample : gc/ms scan 2/21 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

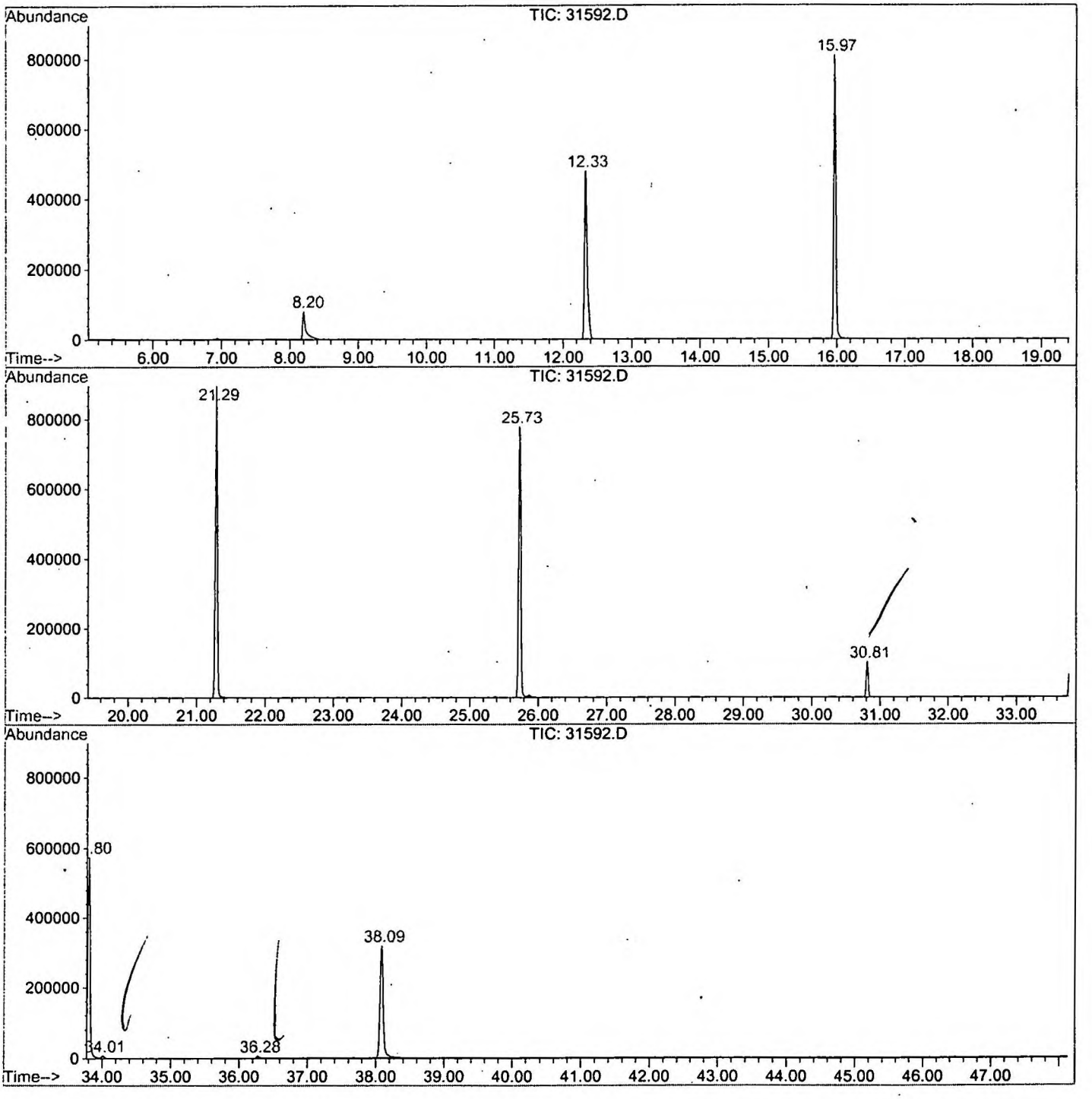
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.204	339	344	370	rVB	79826	257918	14.27%	2.746%
2	12.326	788	793	810	rVB	478147	1303644	72.11%	13.881%
3	15.970	1184	1190	1206	rBV	808832	1715806	94.91%	18.270%
4	21.286	1763	1769	1781	rBV	897594	1807876	100.00%	19.250%
5	25.729	2247	2253	2265	rBV2	778008	1711739	94.68%	18.227%
6	30.815	2802	2807	2813	rVB	102324	204416	11.31%	2.177%
7	33.798	3126	3132	3151	rBV2	574569	1332538	73.71%	14.189%
8	34.010	3151	3155	3162	rVB2	7306	18545	1.03%	0.197%
9	36.277	3397	3402	3409	rBV3	6288	18260	1.01%	0.194%
10	38.086	3591	3599	3615	rBV2	318040	1020680	56.46%	10.868%

Sum of corrected areas: 9391422

31592.D GCMS0208.M Wed Feb 27 12:07:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\31592.D
Operator :
Acquired : 23 Feb 2002 7:32 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 42
Quant File :GCMS0208.RES (RTE Integrator)



31592.D GCMS0208.M Wed Feb 27 12:07:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31592.D
Acq On : 23 Feb 2002 7:32 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator:
Inst : GC/MS 209
Multiplr: 1.00

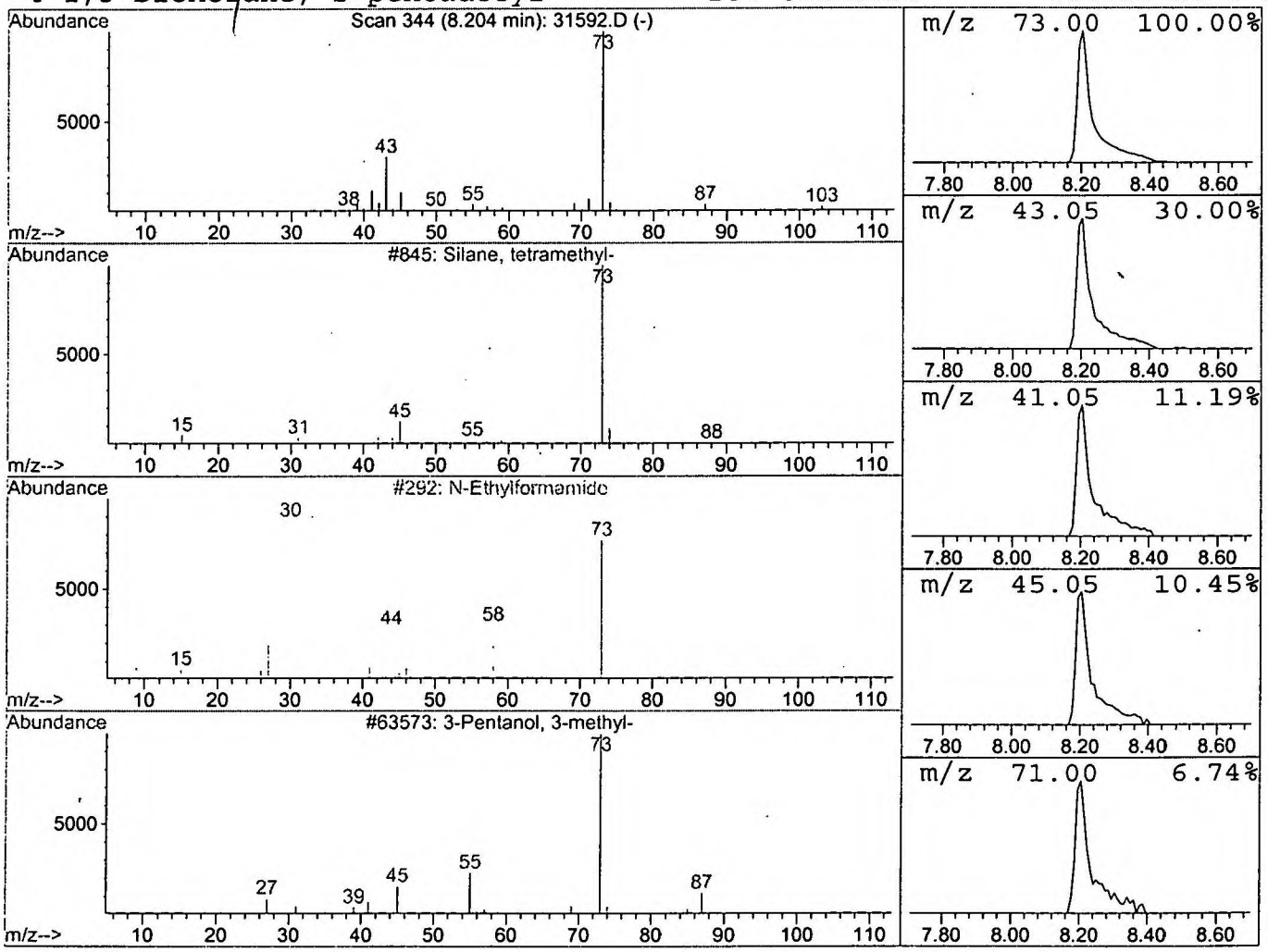
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.96 ug/l	257918	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31592.D Vial: 42
Acq On : 23 Feb 2002 7:32 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

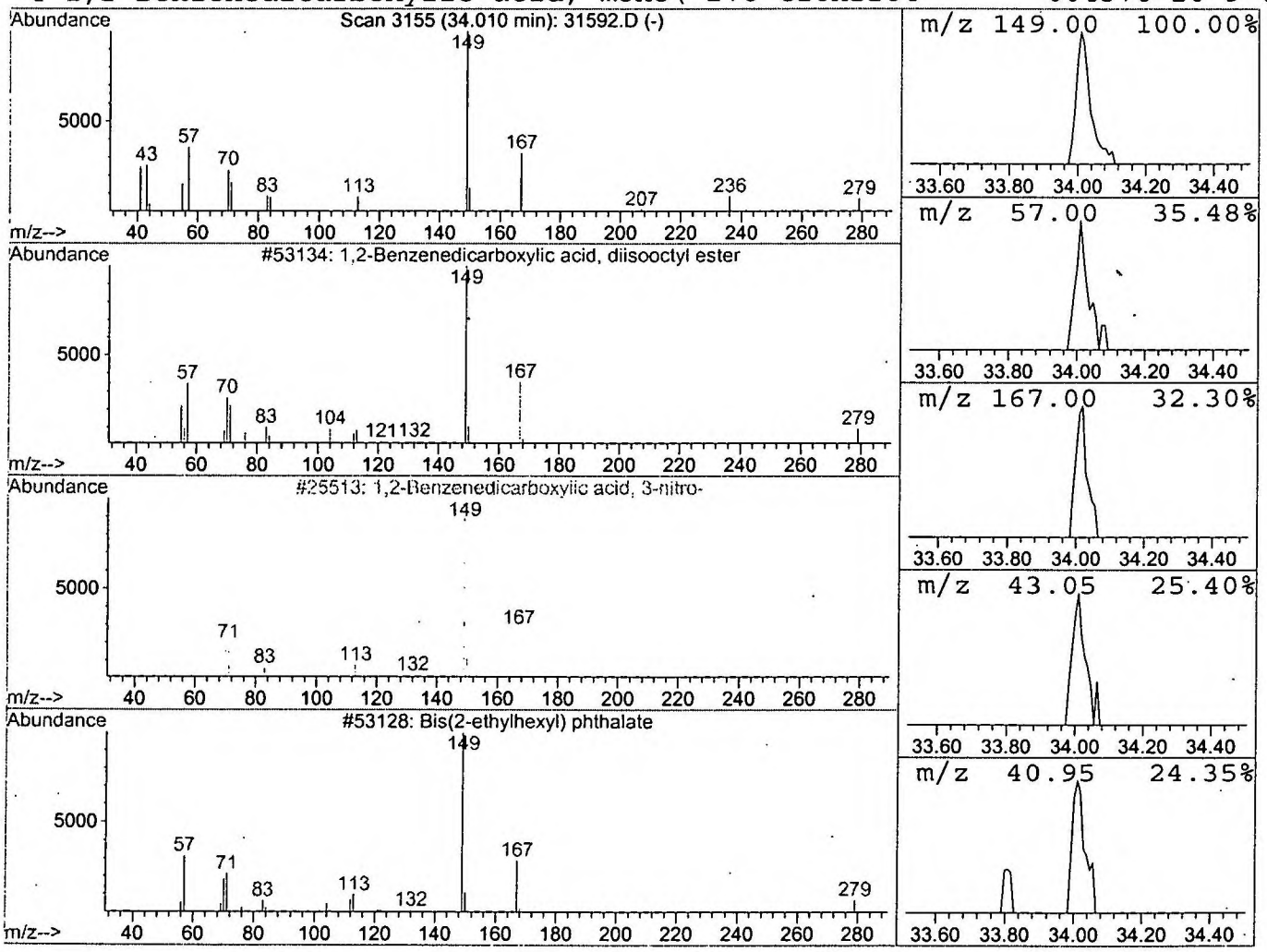
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,2-Benzenedicarboxylic acid, Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.01	0.28 ug/l	18545	Chrysene-d12	33.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, diiso	390	C24H38O4	027554-26-3	83
2	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	72
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	72
4	1,2-Benzenedicarboxylic acid, mono(	278	C16H22O4	004376-20-9	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31592.D Vial: 42
Acq On : 23 Feb 2002 7:32 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

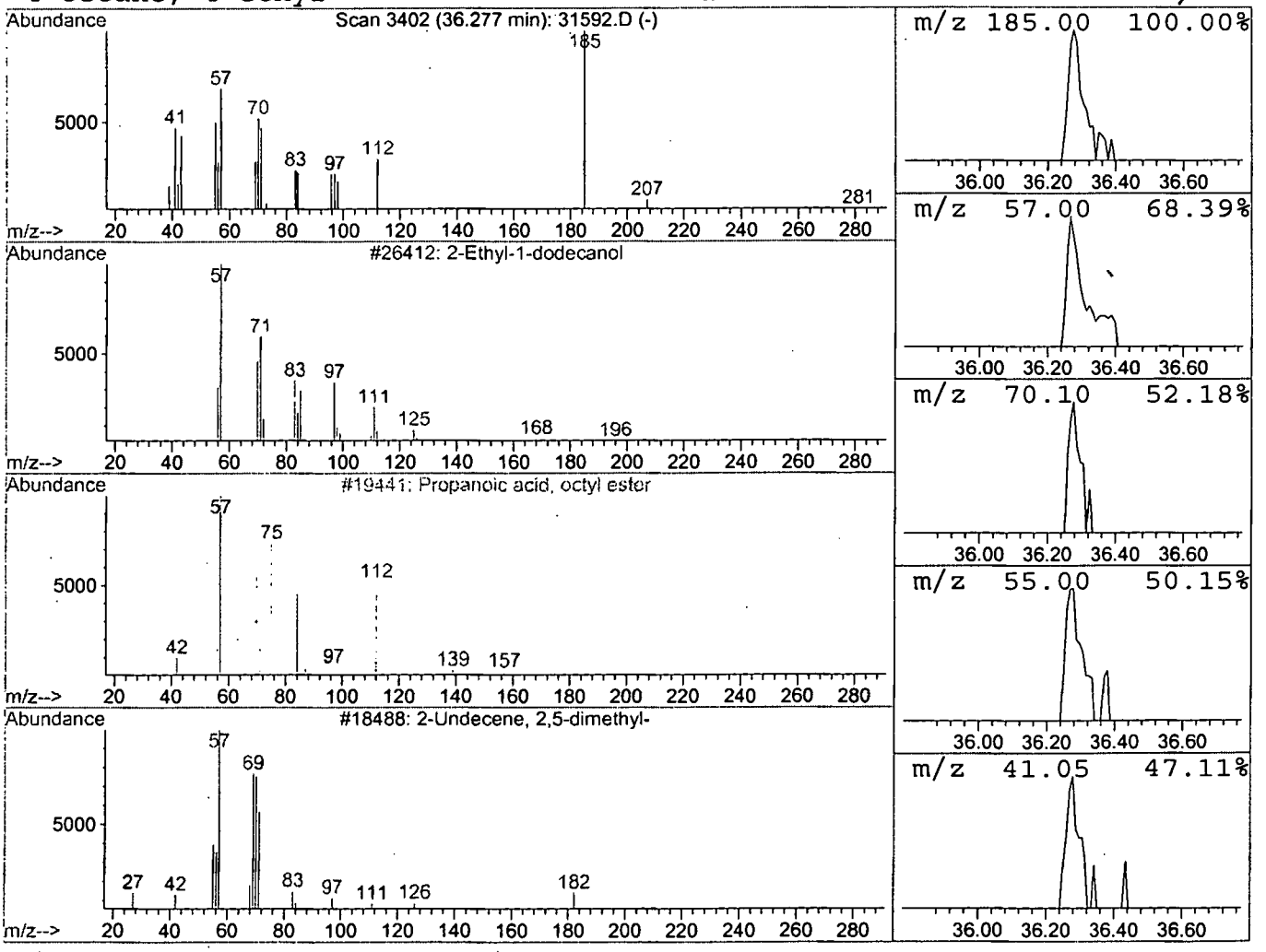
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Ethyl-1-dodecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.28	0.36 ug/l	18260	Perylene-d12	38.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-dodecanol	214	C14H30O	000000-00-0	25
2	Propanoic acid, octyl ester	186	C11H22O2	000142-60-9	22
3	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	17
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	16



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 7:32 am
Data File: C:\HPCHEM\1\DATA\FEB2102\31592.D
Name: gc/ms scan 2/21
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
Silane, tetramethyl-	8.20	4.0	ug/l	257918	ISTD01	12.33	1303640	20.0
1,2-Benzenedicarboxy	34.01	0.3	ug/l	18545	ISTD05	33.80	1332540	20.0
2-Ethyl-1-dodecanol	36.28	0.4	ug/l	18260	ISTD06	38.08	1020680	20.0

31592.D GCMS0208.M Wed Feb 27 12:07:33 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2502\31592.D Vial: 29
Acq On : 25 Jan 2002 6:00 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 15:07 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.48	152	809763m	20.00	ug/l	-0.87
10) Naphthalene-d8	15.08	136	3112631m	20.00	ug/l	-0.92
17) Acenaphthene-d10	20.34	164	1546515m	20.00	ug/l	-0.97
29) Phenanthrene-d10	24.76	188	2158616m	20.00	ug/l	-1.01
38) Chrysene-d12	32.78	240	1195552m	20.00	ug/l	-1.06
44) Perylene-d12	36.84	264	745672m	20.00	ug/l	-1.28
System Monitoring Compounds						
37) 2,4-DDD	29.83	235	100554m	4.46	ug/mL	-0.66
Spiked Amount 5.000			Recovery = 89.20%			
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.	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.	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	0.00	149	0	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2502\31592.D Vial: 29
Acq On : 25 Jan 2002 6:00 pm Operator: 209 GALOS
Sample : GC/MS SCAN 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 15:07 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	0.00	149	0	N.D.	
36)	Fluoranthene	0.00	202	0	N.D. d	
39)	Pyrene	0.00	202	0	N.D. d	
40)	Butylbenzylphthalate	0.00	149	0	N.D. d	
41)	Benzo(a)anthracene	0.00	228	0	N.D.	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
43)	Chrysene	0.00	228	0	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.84	252	3018	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	3018	N.D.	
48)	Benzo(a)pyrene	0.00	252	0	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN2502\31592.D
Acq On : 25 Jan 2002 6:00 pm
Sample : GC/MS SCAN 1/2
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 27 15:07 2002

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration