User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 11:30:24

Sample: AE01961
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 11:11 Ended: 3/22/02 11:11 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD	USPEC	146		5.0

Comments for Sample AE01961 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 11:30:26

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\MAR1902\1961.D Vial: 7
Acq On : 20 Mar 2002 5:02 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 8:57 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	587403	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	2298178	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1216790	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1813199	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	1140496	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	715745	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	96219	7.30	ug/mL	0.24
Spiked Amount 5.000			Recovery = 146.00%			
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	15.96	128	387	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	21.62	165	172	N.D.		
25) Diethylphthalate	22.68	149	830	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\MAR1902\1961.D Vial: 7
Acq On : 20 Mar 2002 5:02 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 8:57 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

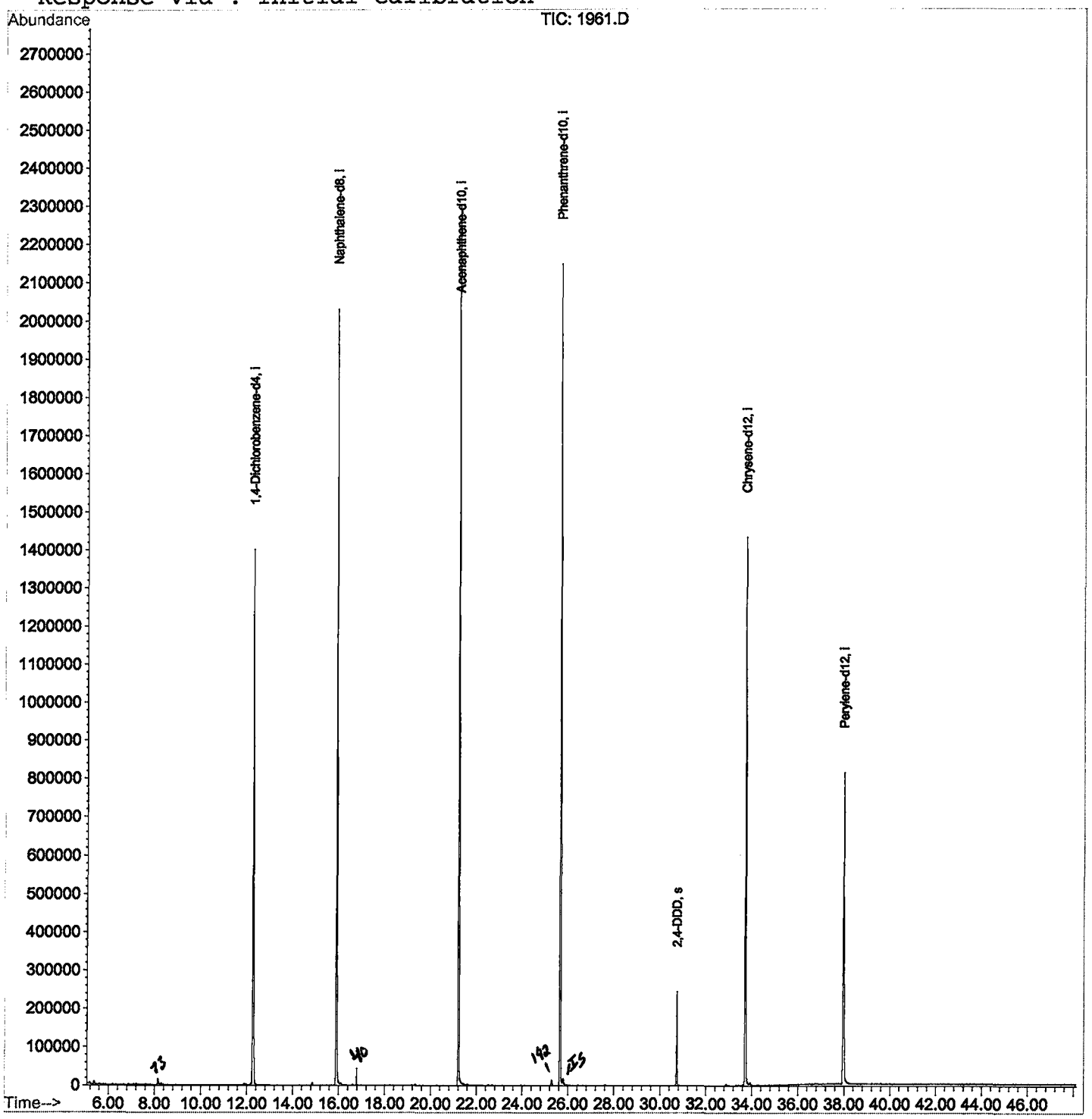
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.66	178	670	N.D.	
34)	Anthracene	25.66	178	670	N.D.	
35)	Di-n-butylphthalate	27.62	149	4090	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	290	N.D.	
41)	Benzo(a)anthracene	33.72	228	3126	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	4235	N.D.	
43)	Chrysene	33.79	228	564	N.D.	
45)	Di-n-Octylphthalate	35.66	149	1327	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	1748	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	2066	N.D.	
48)	Benzo(a)pyrene	37.75	252	1709	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.16	276	406	N.D.	
50)	Dibenz(a,h)anthracene	42.20	278	180	N.D.	
51)	Benzo(g,h,i)perylene	43.34	276	433	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1961.D Vial: 7
Acq On : 20 Mar 2002 5:02 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 8:57 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1961.D Vial: 7
Acq On : 20 Mar 2002 5:02 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

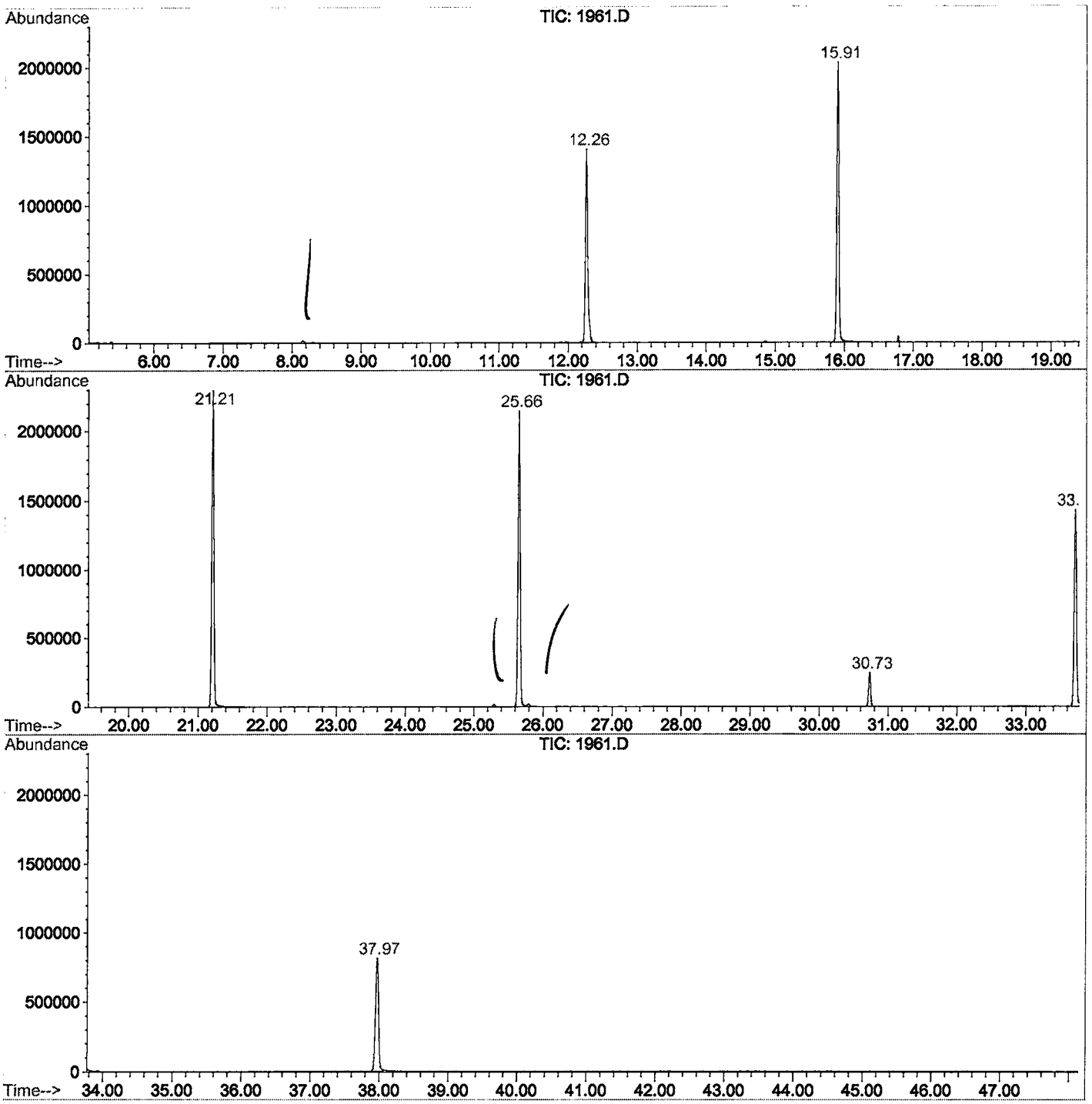
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.263	780	786	802	rVB	1400516	3225810	67.69%	13.805%
2	15.908	1175	1183	1194	rBV	2030641	4349997	91.28%	18.616%
3	21.214	1754	1761	1781	rBV	2303006	4765548	100.00%	20.394%
4	25.657	2238	2245	2255	rBV2	2147247	4626585	97.08%	19.800%
5	30.734	2792	2798	2803	rBV	243786	486556	10.21%	2.082%
6	33.718	3116	3123	3138	rBV2	1432613	3399176	71.33%	14.547%
7	37.968	3578	3586	3597	rBV2	809590	2513354	52.74%	10.756%

Sum of corrected areas: 23367026

1961.D GCMS0308.M Thu Mar 21 09:14:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\1961.D
Operator :
Acquired : 20 Mar 2002 5:02 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/5
Misc Info :
Vial Number: 7
Quant File :GCMS0308.RES (RTE Integrator)



1961.D GCMS0308.M Thu Mar 21 09:14:53 2002

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Mar 2002 5:02 am
Data File: C:\HPCHEM\1\DATA\MAR1902\1961.D
Name: gc/ms scan 3/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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

1961.D GCMS0308.M Thu Mar 21 09:14:58 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR1902\1962.D Vial: 8
Acq On : 20 Mar 2002 6:01 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 8:58 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	591675	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	2328815	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1241511	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1844466	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	1187873	20.00	ug/l	-0.12
44) Perylene-d12	37.98	264	761725	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	94239	7.03	ug/mL	0.23
Spiked Amount 5.000			Recovery = 140.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.55	74	180	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	15.96	128	593	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	21.58	165	267	N.D.		
25) Diethylphthalate	22.69	149	1728	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\MAR1902\1962.D Vial: 8
Acq On : 20 Mar 2002 6:01 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 8:58 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

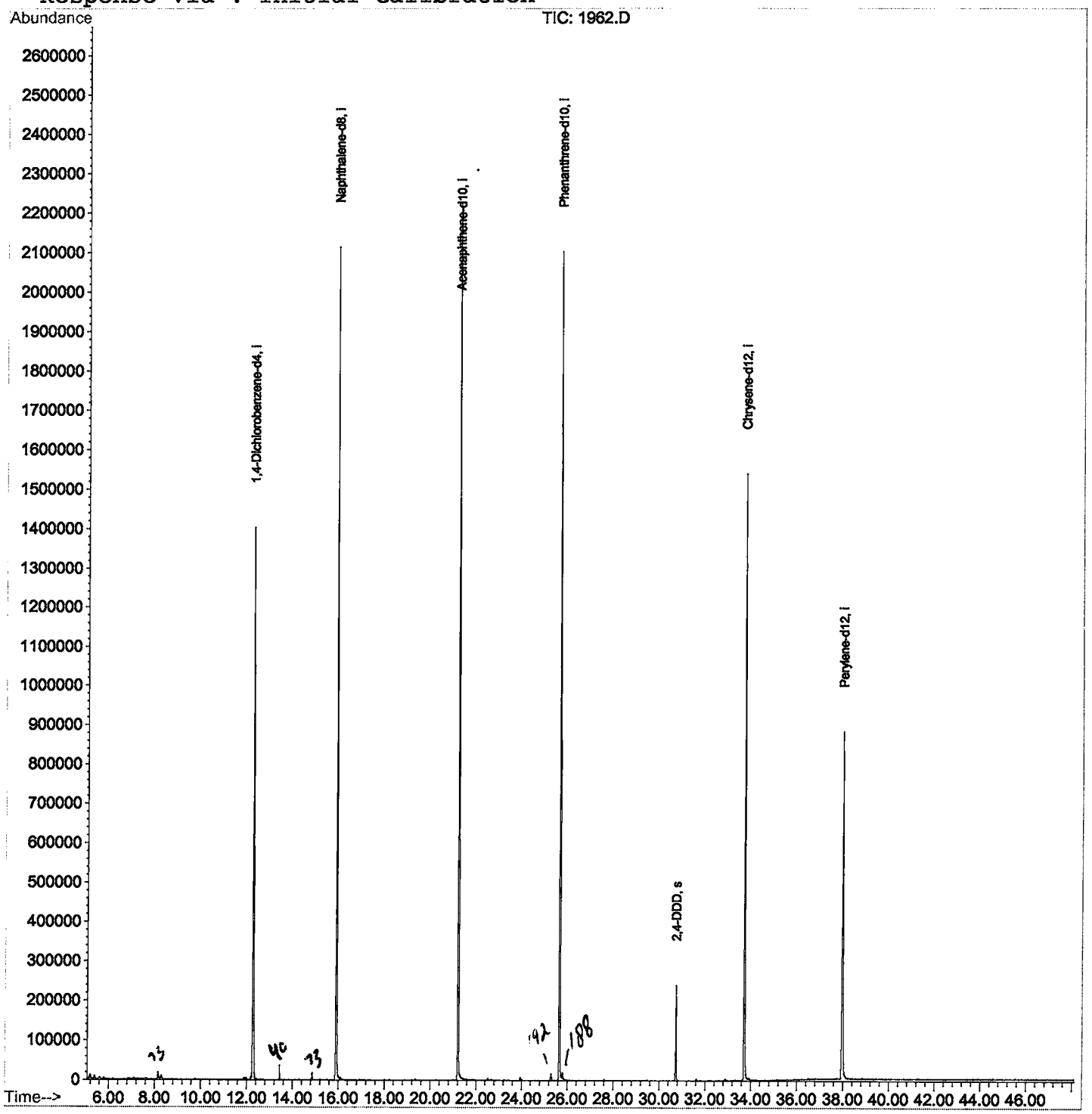
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.73	178	356	N.D.	
34)	Anthracene	25.73	178	356	N.D.	
35)	Di-n-butylphthalate	27.62	149	4487	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	409	N.D.	
41)	Benzo(a)anthracene	33.72	228	2881	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	3410	N.D.	
43)	Chrysene	33.79	228	192	N.D.	
45)	Di-n-Octylphthalate	35.68	149	1034	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	1439	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	1647	N.D.	
48)	Benzo(a)pyrene	37.75	252	1093	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.11	276	323	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	43.34	276	494	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1962.D Vial: 8
Acq On : 20 Mar 2002 6:01 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 8:58 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR1902\1962.D Vial: 8
Acq On : 20 Mar 2002 6:01 am Operator:
Sample : gc/ms scan 3/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

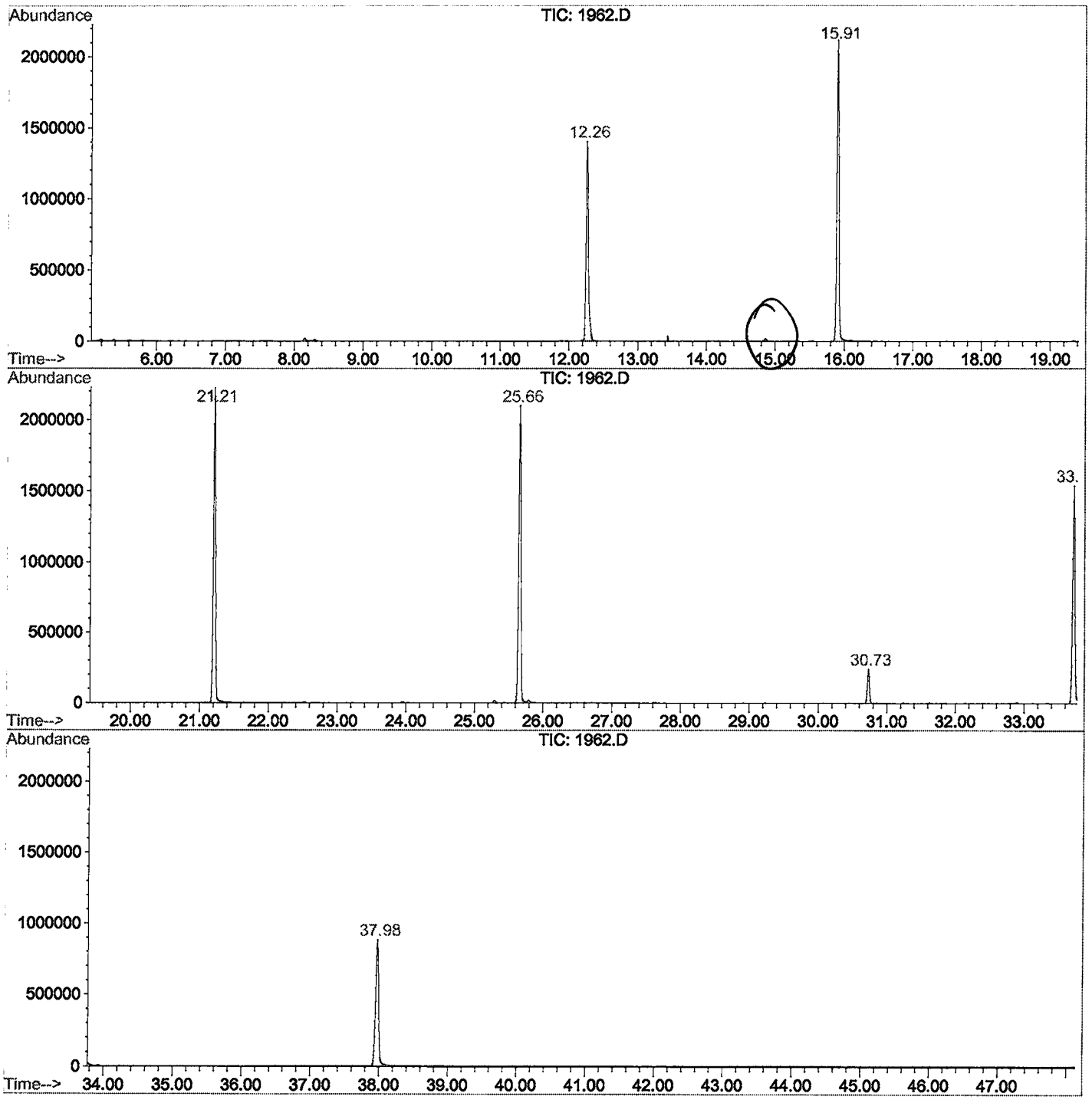
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.261	781	786	802	rVB	1401644	3273829	68.43%	13.667%
2	15.906	1176	1183	1198	rBV	2114772	4430175	92.59%	18.494%
3	21.212	1754	1761	1776	rBV	2227024	4784521	100.00%	19.973%
4	25.664	2238	2246	2256	rBV2	2102848	4729714	98.85%	19.744%
5	30.732	2792	2798	2805	rBV	240049	480357	10.04%	2.005%
6	33.725	3116	3124	3139	rBV	1539269	3573133	74.68%	14.916%
7	37.975	3577	3587	3600	rBV2	878650	2683286	56.08%	11.201%

Sum of corrected areas: 23955015

1962.D GCMS0308.M Thu Mar 21 09:15:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\1962.D
Operator :
Acquired : 20 Mar 2002 6:01 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/5
Misc Info :
Vial Number: 8
Quant File :GCMS0308.RES (RTE Integrator)



1962.D GCMS0308.M Thu Mar 21 09:15:18 2002

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Mar 2002 6:01 am
Data File: C:\HPCHEM\1\DATA\MAR1902\1962.D
Name: gc/ms scan 3/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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

1962.D GCMS0308.M Thu Mar 21 09:15:22 2002