User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/13/2002 Time: 12:47:32

Sample: AE01943
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/13/02 12:46 Ended: 3/13/02 12:46 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AE01943 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-13-2002 Time: 12:47:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was extracted and analyzed twice, because the Surrogate Standard failed the first time, but passed the second time. However, the LCS Standard was acceptable the first time, but had a high number of failures the second time. The cost for the analysis for this sample will be discounted.

Data File : C:\HPCHEM\1\DATA\FEB1502\1943.D Vial: 16
Acq On : 16 Feb 2002 6:00 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 16:12 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	501100	20.00	ug/l	-0.02
10) Naphthalene-d8	15.98	136	1946142	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	1031419	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.74	188	1471022	20.00	ug/l	-0.03
38) Chrysene-d12	33.81	240	994035	20.00	ug/l	-0.04
44) Perylene-d12	38.09	264	693738	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	61417	4.00	ug/mL	0.32
Spiked Amount 5.000			Recovery = 80.00%			
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	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	22.75	149	183	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

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Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
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	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	25.75	178	648	N.D.	
34)	Anthracene	25.75	178	648	N.D.	
35)	Di-n-butylphthalate	27.70	149	9998	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.81	228	2655	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	13763	N.D.	
43)	Chrysene	33.81	228	2655	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	3042	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

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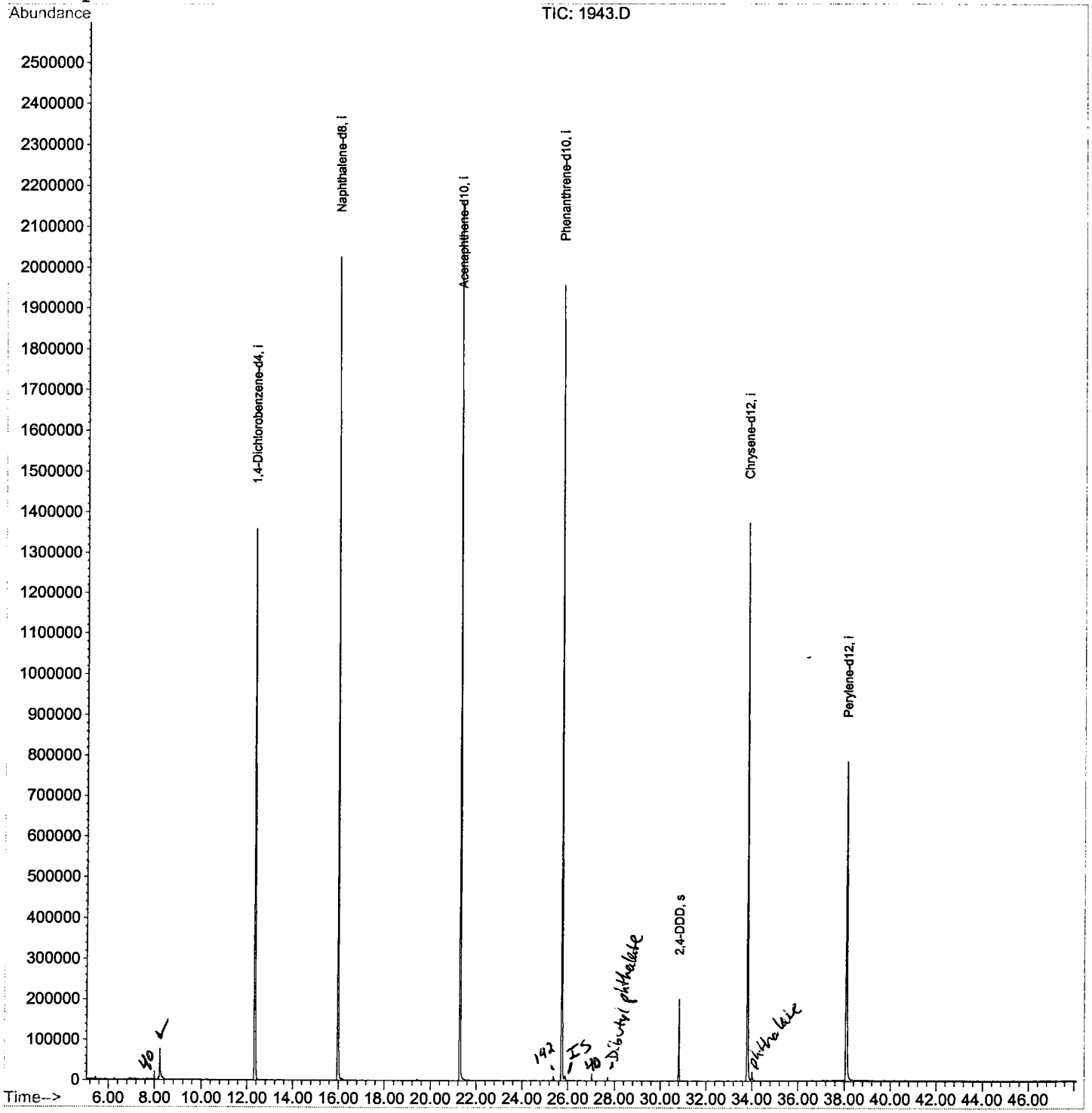
Acq On : 16 Feb 2002 6:00 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 16:12 2002 Quant Results File: GCMS0208.RES

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\FEB1502\1943.D Vial: 16
Acq On : 16 Feb 2002 6:00 am Operator: 209 GALOS
Sample : re-extract 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

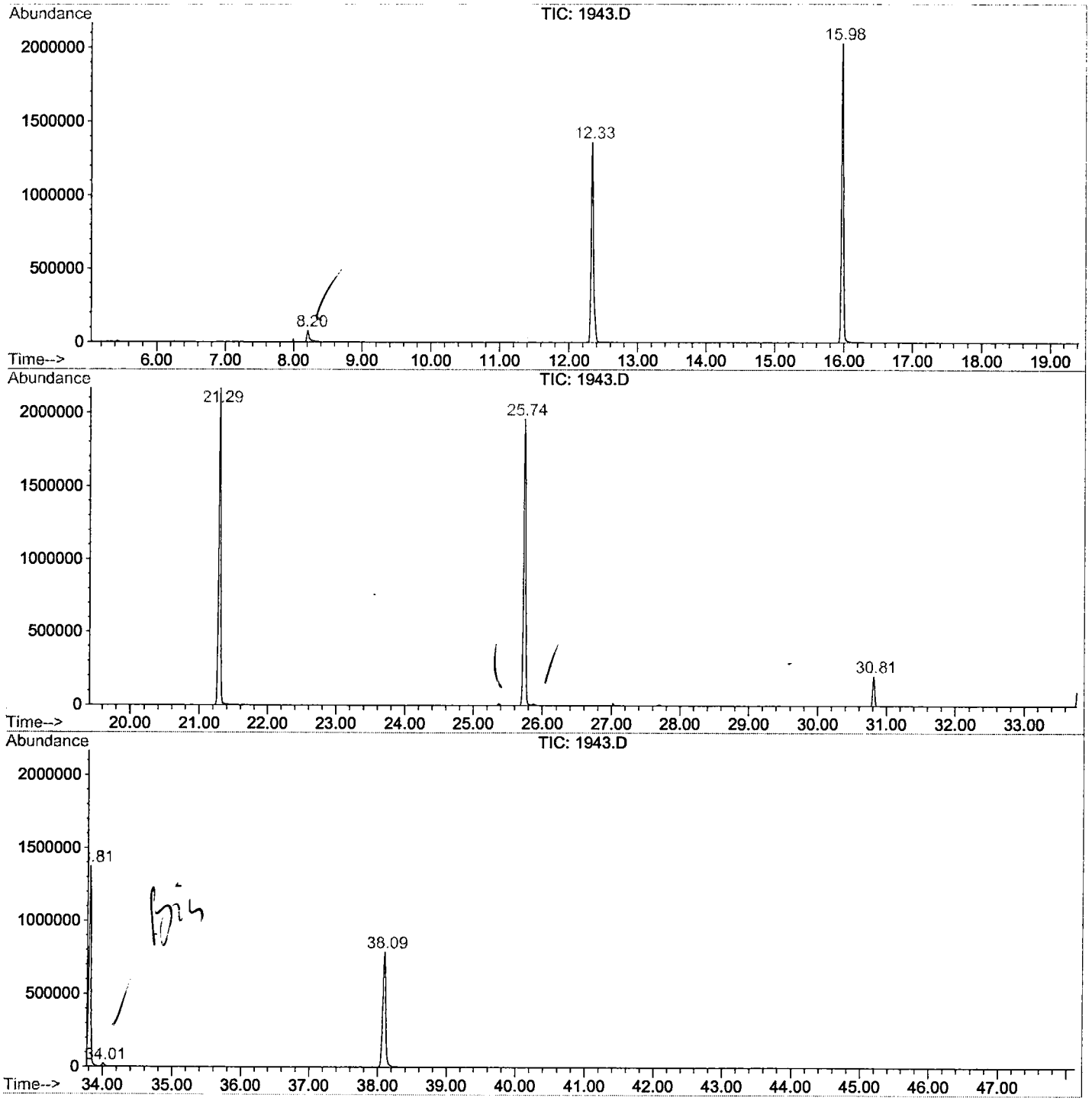
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.204	340	344	369	rVB	76857	220021	5.12%	1.014%
2	12.335	788	794	807	rBV	1360293	3199636	74.49%	14.745%
3	15.980	1184	1191	1206	rBV	2025925	4010192	93.36%	18.481%
4	21.295	1763	1770	1786	rBV	2164590	4295396	100.00%	19.795%
5	25.738	2247	2254	2266	rBV2	1956507	4073100	94.82%	18.770%
6	30.815	2802	2807	2812	rBV	202326	382149	8.90%	1.761%
7	33.808	3126	3133	3151	rBV2	1374578	3060332	71.25%	14.103%
8	34.010	3151	3155	3167	rVB	21571	53092	1.24%	0.245%
9	38.095	3590	3600	3626	rBV2	785802	2405576	56.00%	11.086%

Sum of corrected areas: 21699494

1943.D GCMS0208.M Fri Mar 08 16:14:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1943.D
Operator : 209 GALOS
Acquired : 16 Feb 2002 6:00 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 16
Quant File :GCMS0208.RES (RTE Integrator)



1943.D GCMS0208.M Fri Mar 08 16:14:26 2002

Data File : C:\HPCHEM\1\DATA\FEB1502\1943.D Vial: 16
Acq On : 16 Feb 2002 6:00 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

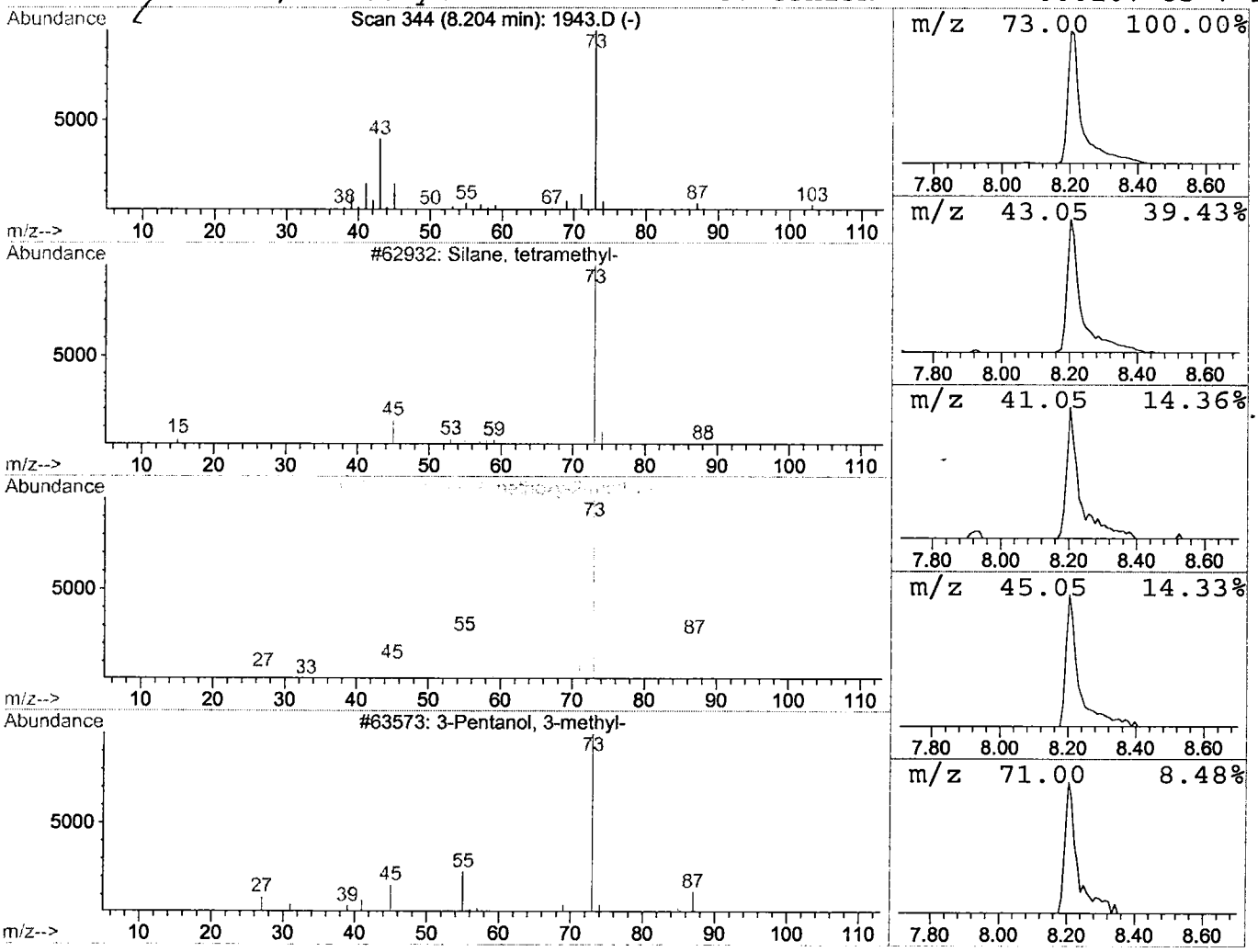
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	1.38 ug/l	220021	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9



Data File : C:\HPCHEM\1\DATA\FEB1502\1943.D Vial: 16
Acq On : 16 Feb 2002 6:00 am Operator: 209 GALOS
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

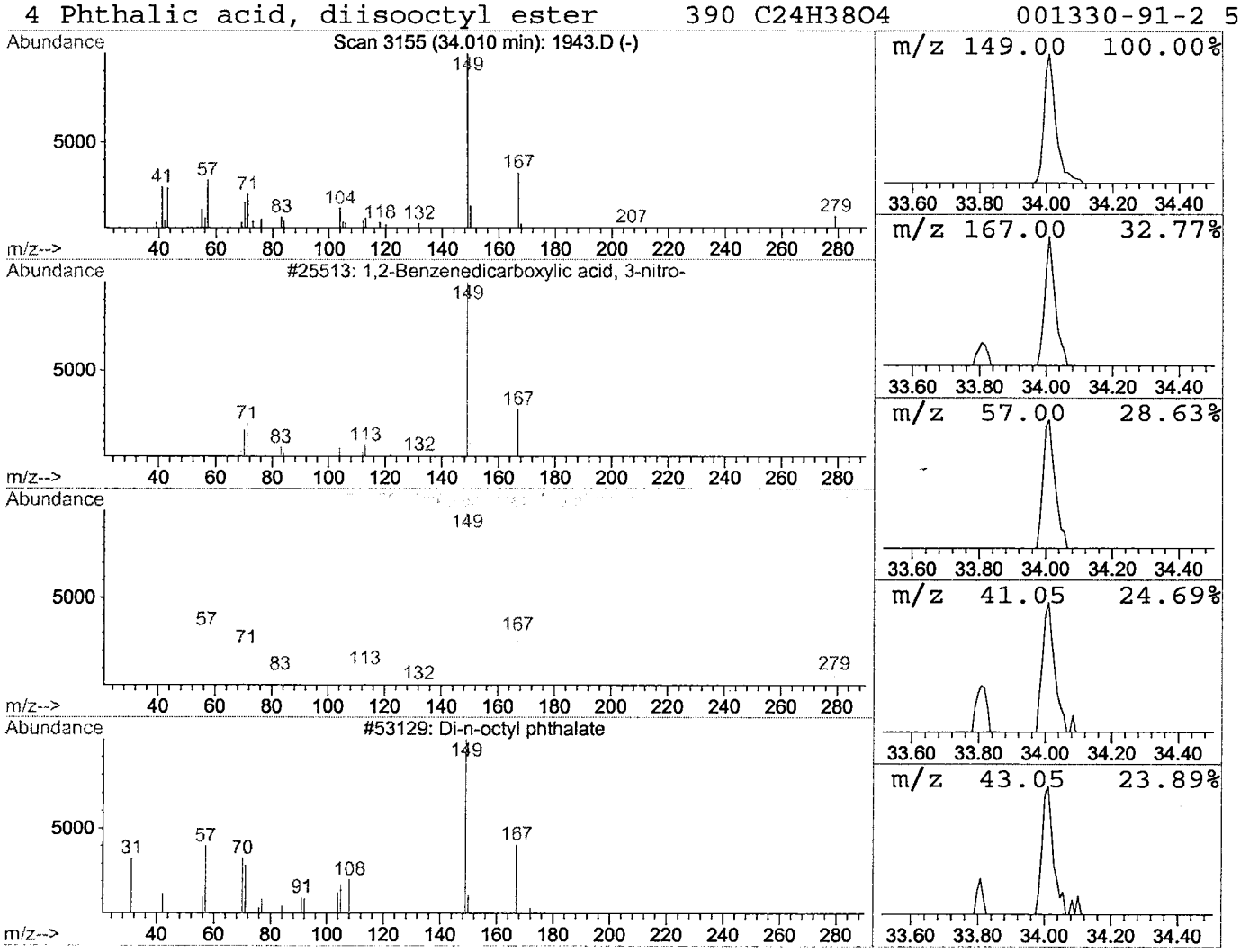
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.01	0.35 ug/l	53092	Chrysene-d12	33.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	86
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	72
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	56
4	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Feb 2002 6:00 am
Data File: C:\HPCHEM\1\DATA\FEB1502\1943.D
Name: re-extract
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	1.4	ug/l	220021	ISTD01	12.34	3199640	20.0
1,2-Benzenedicarboxy	34.01	0.3	ug/l	53092	ISTD05	33.81	3060330	20.0

1943.D GCMS0208.M Fri Mar 08 16:14:40 2002