User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/03/2001 Time: 12:26:48

Sample: AD26165
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/3/01 12:26 Ended: 12/3/01 12:26 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26165 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-03-2001 Time: 12:26:52

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26165.D Vial: 62
Acq On : 1 Dec 2001 2:25 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 1 3:14 2001 Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	709667	20.00	ug/l	0.00
19) Naphthalene-d8	15.31	136	2703768	20.00	ug/l	0.00
31) Acenaphthene-d10	20.58	164	1244467	20.00	ug/l	0.00
49) Phenanthrene-d10	25.00	188	1670815	20.00	ug/l	0.00
59) Chrysene-d12	33.03	240	956094	20.00	ug/l	0.00
68) Perylene-d12	37.12	264	652772	20.00	ug/l	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
6) 2-Chlorophenol-d4	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
7) 1,2-Dichlorobenzene-d4	12.23	152	8117	0.27	ug/l	0.02
Spiked Amount 50.000			Recovery =	0.54%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.73	172	2699	0.04	ug/l	0.15
Spiked Amount 50.000			Recovery =	0.08%		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		

Target Compounds				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.
8) Phenol	0.00	94	0	N.D.
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.
10) 2-Chlorophenol	0.00	128	0	N.D.
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) 2-Methylphenol	0.00	108	0	N.D.
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.
18) Hexachloroethane	0.00	117	0	N.D.
21) Nitrobenzene	0.00	77	0	N.D.
22) Isophorone	0.00	82	0	N.D.

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

Quantitation Report (QT Reviewed)

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Acq On : 1 Dec 2001 2:25 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	2-Nitrophenol	0.00	139	0	N.D.	
24)	2,4-Dimethylphenol	0.00	107	0	N.D.	
25)	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26)	2,4-Dichlorophenol	0.00	162	0	N.D.	
27)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28)	Naphthalene	15.36	128	303	N.D.	
29)	Hexachlorobutadiene	0.00	225	0	N.D.	
30)	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37)	2-Chloronaphthalene	0.00	162	0	N.D.	
38)	Dimethylphthalate	0.00	163	0	N.D.	
39)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	0.00	153	0	N.D.	
42)	2,4-Dinitrophenol	0.00	184	0	N.D.	
43)	4-Nitrophenol	0.00	65	0	N.D.	
44)	2,4-Dinitrotoluene	20.88	165	299	N.D.	
45)	Diethylphthalate	0.00	149	0	N.D.	
46)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
47)	Fluorene	0.00	166	0	N.D.	
48)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
52)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53)	Hexachlorobenzene	0.00	284	0	N.D.	
54)	Pentachlorophenol	0.00	266	0	N.D.	
55)	Phenanthrene	25.01	178	411	N.D.	
56)	Anthracene	25.01	178	411	N.D.	
57)	Di-n-butylphthalate	27.01	149	2648	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.03	228	2559	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.31	149	6549	N.D.	
67)	Chrysene	33.03	228	2559	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26165.D Vial: 62
Acq On : 1 Dec 2001 2:25 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 1 3:14 2001 Quant Results File: NP112601.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration
DataAcq Meth : NP112601

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.12	252	2382	N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

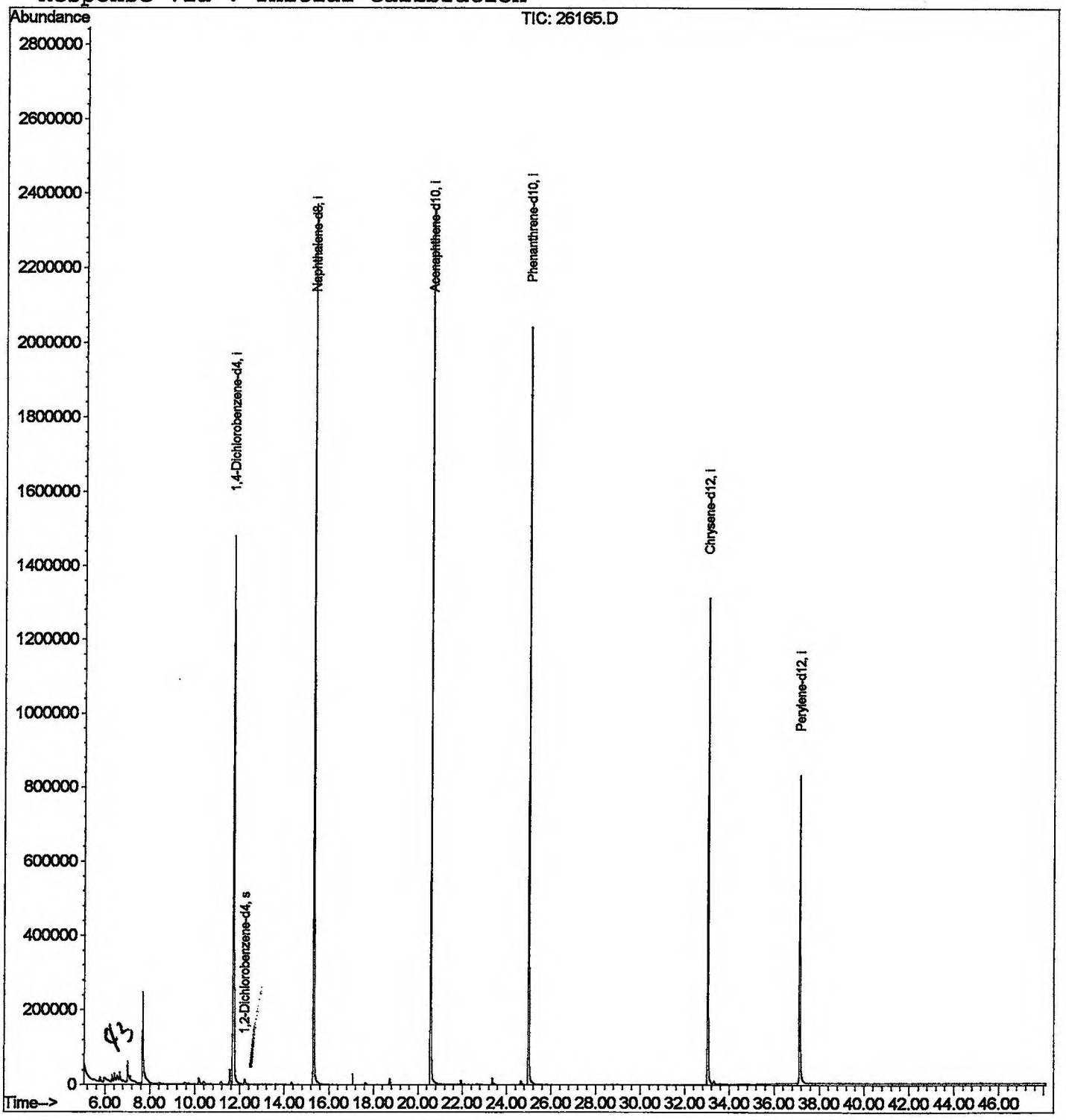
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26165.D
Acq On : 1 Dec 2001 2:25 am
Sample : 11/2 gc/ms
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 1 3:14 2001

Vial: 62
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP112601.RES

Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 09:03:50 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26165.D Vial: 62
Acq On : 1 Dec 2001 2:25 am Operator: 209 GALOS
Sample : 11/2 gc/ms Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112601.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

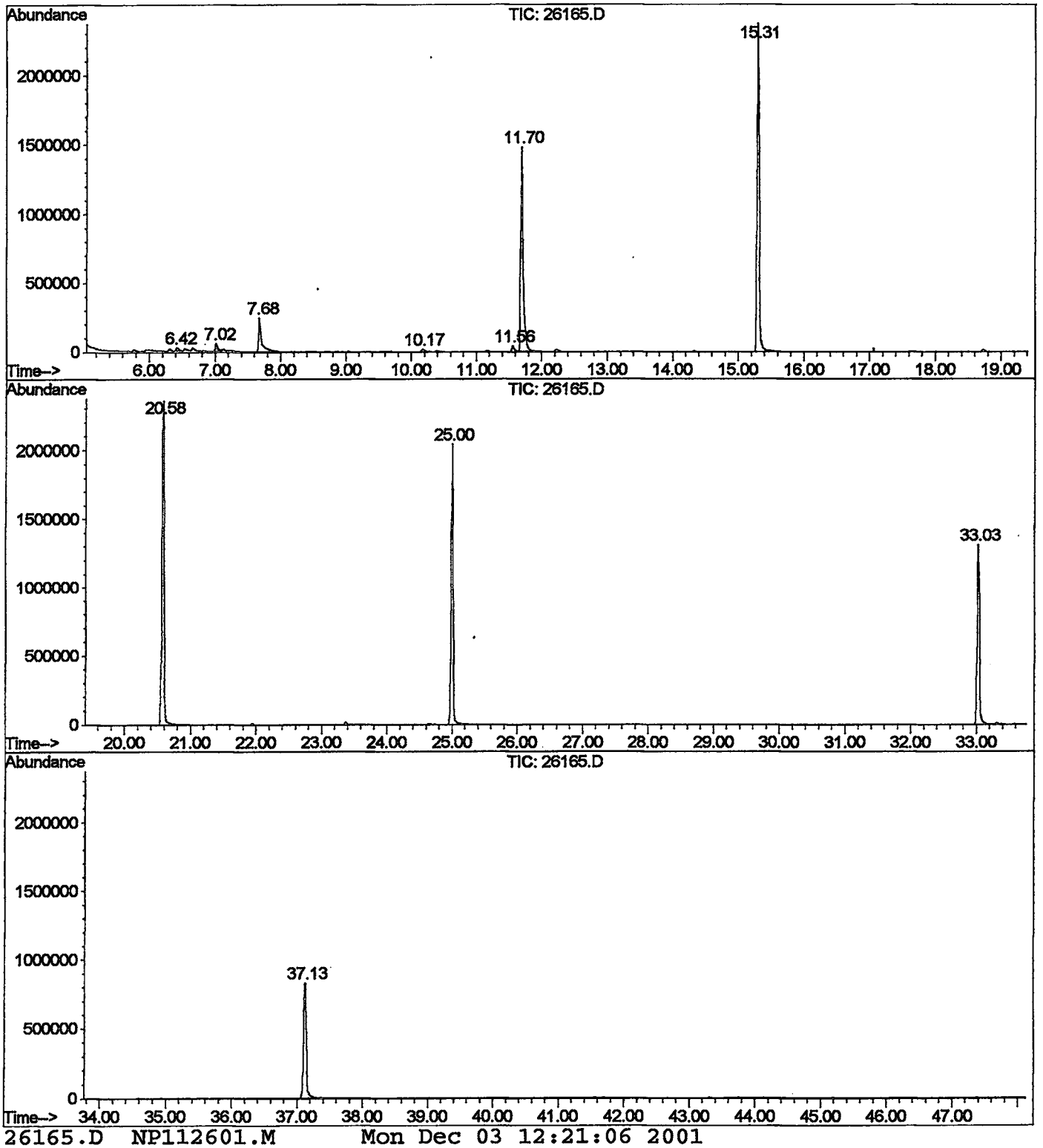
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.419	147	150	158	rVV2	20142	53101	1.03%	0.211%
2	7.015	211	215	224	rBV	55504	142249	2.77%	0.566%
3	7.676	284	287	315	rBV	244050	743993	14.47%	2.962%
4	10.173	555	559	568	rBV3	15707	51786	1.01%	0.206%
5	11.560	706	710	720	rBV	39934	109319	2.13%	0.435%
6	11.697	720	725	743	rBV	1477463	3923306	76.30%	15.618%
7	15.305	1112	1118	1137	rBV	2370290	5141786	100.00%	20.468%
8	20.584	1686	1693	1708	rBV	2352730	5124383	99.66%	20.399%
9	25.000	2168	2174	2187	rBV2	2040595	4363536	84.86%	17.370%
10	33.032	3042	3049	3073	rBV2	1311027	3088547	60.07%	12.295%
11	37.127	3487	3495	3519	rBV2	827311	2378663	46.26%	9.469%

Sum of corrected areas: 25120669

26165.D NP112601.M Mon Dec 03 12:21:03 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26165.D
Operator : 209 GALOS
Acquired : 1 Dec 2001 2:25 am using AcqMethod NP112601
Instrument : GC/MS 209
Sample Name: 11/2 gc/ms
Misc Info :
Vial Number: 62
Quant File :NP112601.RES (RTE Integrator)



26165.D NP112601.M Mon Dec 03 12:21:06 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26165.D
Acq On : 1 Dec 2001 2:25 am
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 62
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

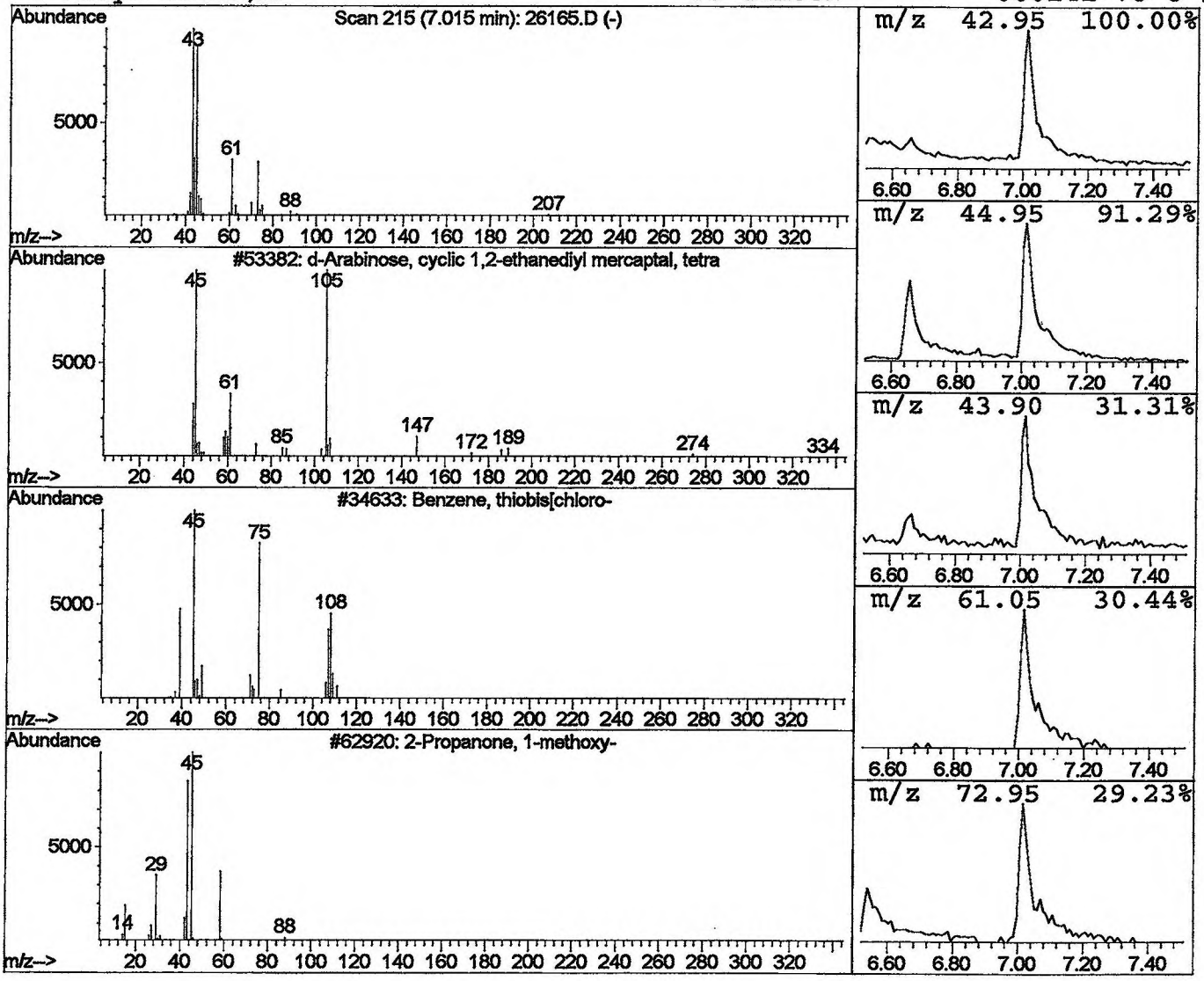
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 d-Arabinose, cyclic 1,2-ethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	0.73 ug/l	142249	1,4-Dichlorobenzene-d4	11.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Arabinose, cyclic 1,2-ethanediyl	394	C15H22O8S2	040733-16-2	64
2	Benzene, thiobis[chloro-	254	C12H8Cl2S	029349-72-2	25
3	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	9
4	Ethyl Acetate	88	C4H8O2	000141-78-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26165.D
Acq On : 1 Dec 2001 2:25 am
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 62
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

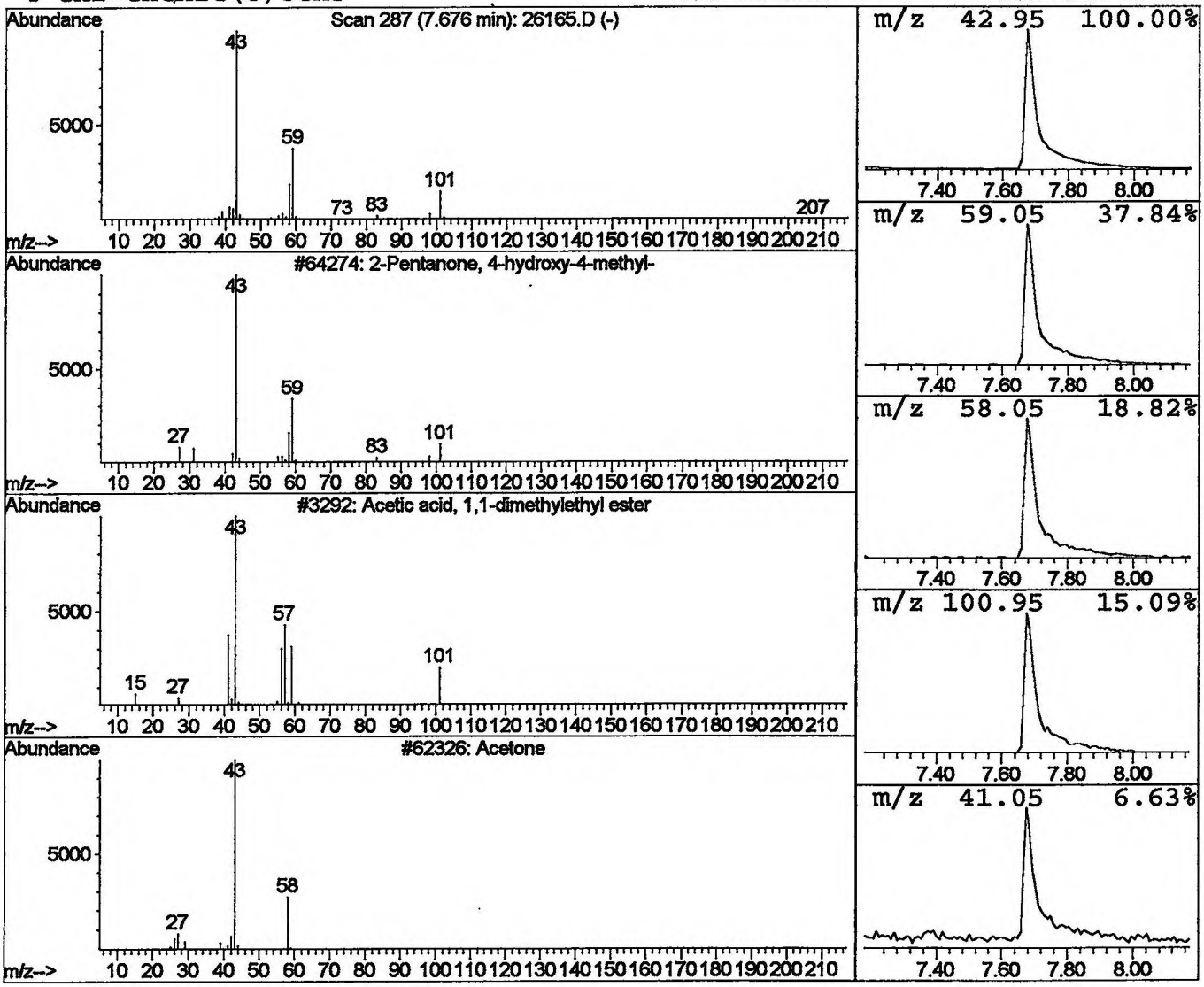
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.79 ug/l	743993	1,4-Dichlorobenzene-d4	11.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	39
3	Acetone	58	C3H6O	000067-64-1	25
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26165.D
Acq On : 1 Dec 2001 2:25 am
Sample : 11/2 gc/ms
Misc :
MS Integration Params: LSCINT.P

Vial: 62
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

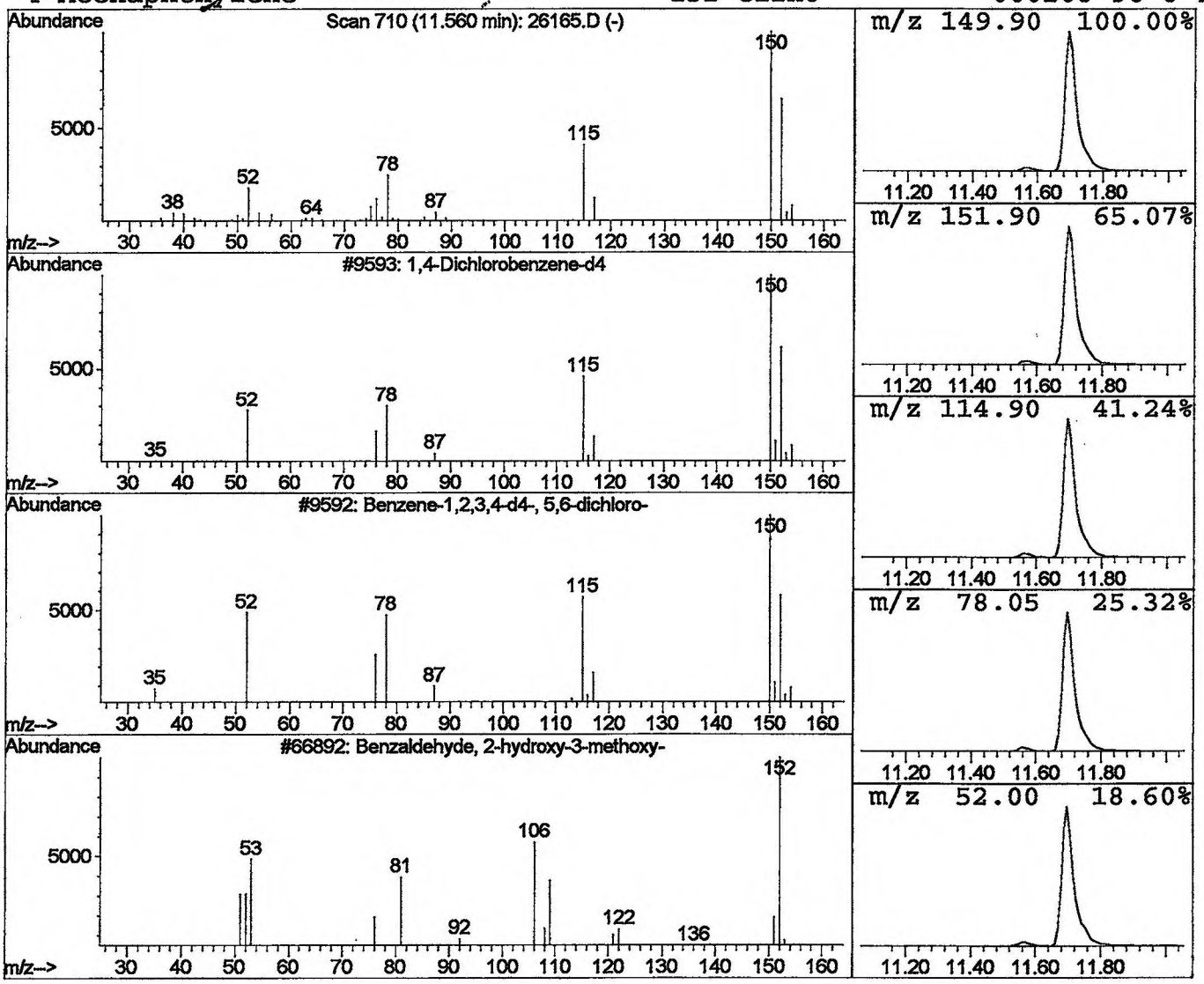
Quant Method : C:\HPCHEM\1\METHODS\NP112601.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.56 ug/l	109319	1,4-Dichlorobenzene-d4	11.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	91
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	32
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4	Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Dec 2001 2:25 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26165.D
Name: 11/2 gc/ms
Misc:
Method: C:\HPCHEM\1\METHODS\NP112601.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
d-Arabinose, cyclic	7.02	0.7	ug/l	142249	ISTD01	11.70	3923310	20.0
2-Pentanone, 4-hydro	7.68	3.8	ug/l	743993	ISTD01	11.70	3923310	20.0
1,4-Dichlorobenzene-	11.56	0.6	ug/l	109319	ISTD01	11.70	3923310	20.0

26165.D NP112601.M Mon Dec 03 12:21:15 2001