User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 14:56:26

Sample: AD26624
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:56 Ended: 12/10/01 14:56 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:13 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.89	152	763955	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	2808496	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1281151	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	1787128	20.00	ng/uL	-0.06
59) Chrysene-d12	33.18	240	1107415	20.00	ng/uL	-0.07
68) Perylene-d12	37.27	264	755803	20.00	ng/uL	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery = 0.00%#			
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery = 0.00%#			
6) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/uL	
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.00%#			
7) 1,2-Dichlorobenzene-d4	12.24	152	607	0.02	ng/uL	-0.22
Spiked Amount 50.000	Range 26 - 73		Recovery = 0.04%#			
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery = 0.00%#			
32) 2-Fluorobiphenyl	18.94	172	931	0.01	ng/uL	0.11
Spiked Amount 50.000	Range 42 - 78		Recovery = 0.02%#			
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery = 0.00%#			
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery = 0.00%#			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitrosodimethylamine	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	12.90	45	576	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		
17) N-Nitrosodi-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)

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:13 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

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	0.00	128	0	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. 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	0.00	165	0	N.D.	
45) Diethylphthalate	0.00	149	0	N.D.	
46) 4-Chlorophenylphenylether	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	169	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	0.00	178	0	N.D.	
56) Anthracene	0.00	178	0	N.D.	
57) Di-n-butylphthalate	27.17	149	17382	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	33.18	228	1926	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.45	149	29563	0.46 ng/uL	97
67) Chrysene	33.18	228	1926	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\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:13 2001 Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.28	252	2249	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

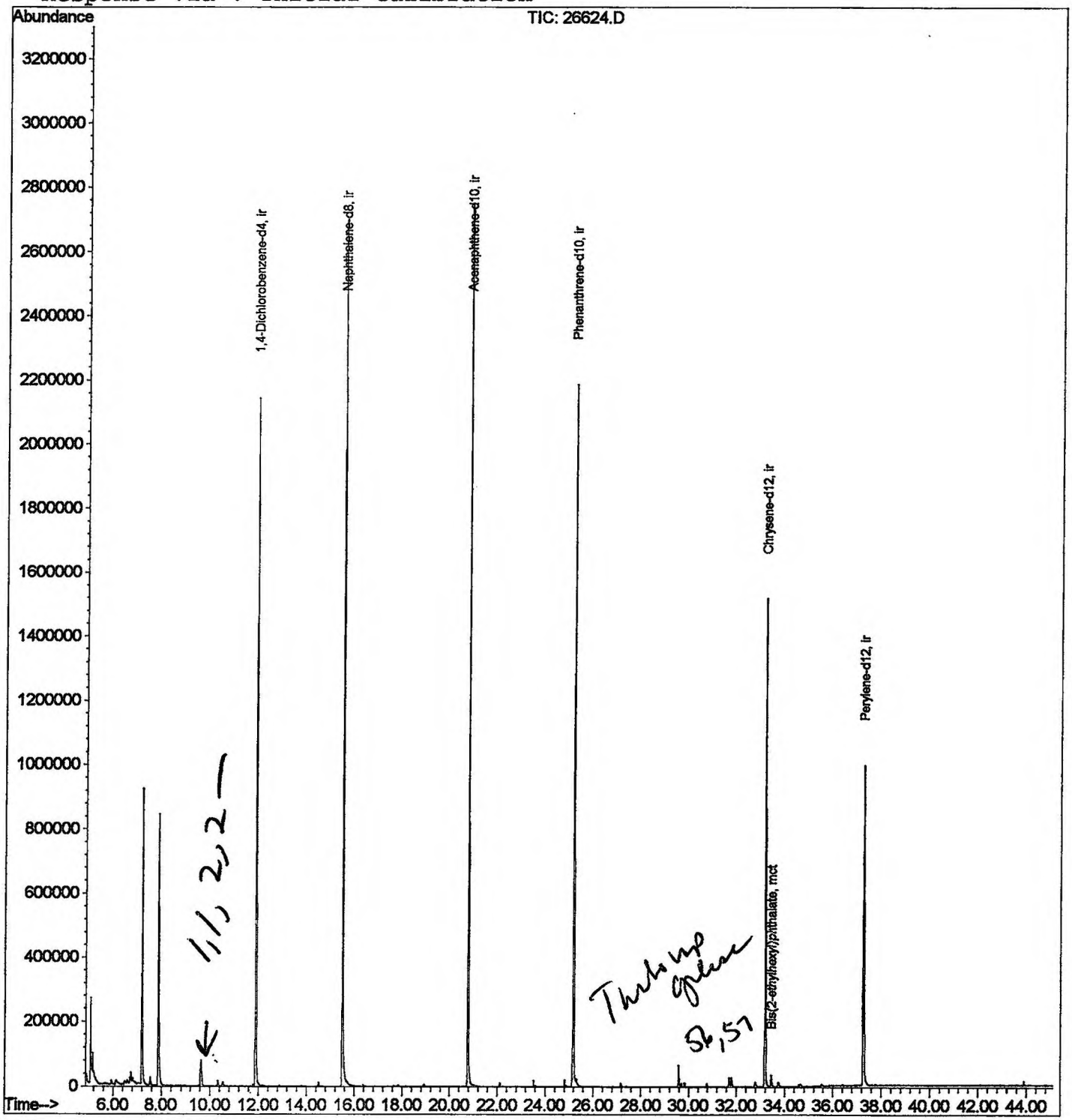
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D
Acq On : 6 Dec 2001 3:39 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:13 2001

Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 07 09:59:59 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/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

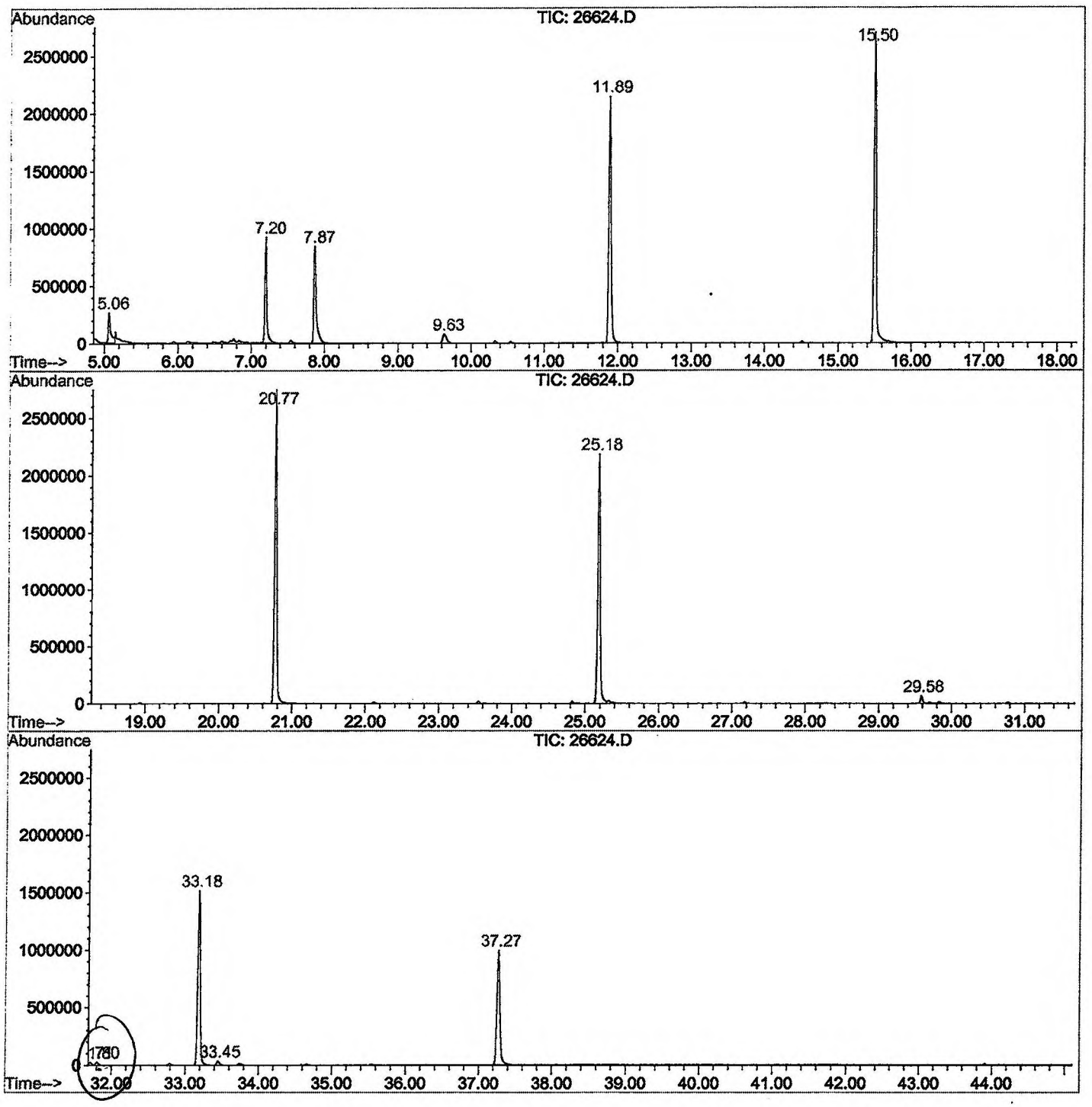
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.064	20	24	33	rBV	262998	637773	11.26%	1.982%
2	7.201	252	257	271	rBV	918720	1729601	30.53%	5.376%
3	7.870	326	330	351	rBV	844086	1981853	34.98%	6.160%
4	9.631	517	522	534	rVB2	79046	280305	4.95%	0.871%
5	11.887	763	768	786	rBV	2143599	4664245	82.34%	14.496%
6	15.500	1156	1162	1181	rBV	2695564	5664871	100.00%	17.606%
7	20.772	1731	1737	1755	rBV	2749972	5627928	99.35%	17.491%
8	25.183	2211	2218	2230	rBV2	2186698	4983208	87.97%	15.488%
9	29.585	2694	2698	2705	rVB	66249	129486	2.29%	0.402%
10	31.712	2925	2930	2936	rBV2	28738	68631	1.21%	0.213%
11	31.804	2936	2940	2949	rVB	27984	67599	1.19%	0.210%
12	33.180	3084	3090	3112	rBV2	1517497	3509883	61.96%	10.909%
13	33.445	3114	3119	3127	rVV	34720	88431	1.56%	0.275%
14	37.269	3529	3536	3556	rBV2	991503	2741659	48.40%	8.521%

Sum of corrected areas: 32175473

26624.D NP112701.M Fri Dec 07 14:47:38 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\26624.D
Operator : GALOS
Acquired : 6 Dec 2001 3:39 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 7
Quant File :NP112701.RES (RTE Integrator)



26624.D NP112701.M Fri Dec 07 14:47:40 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

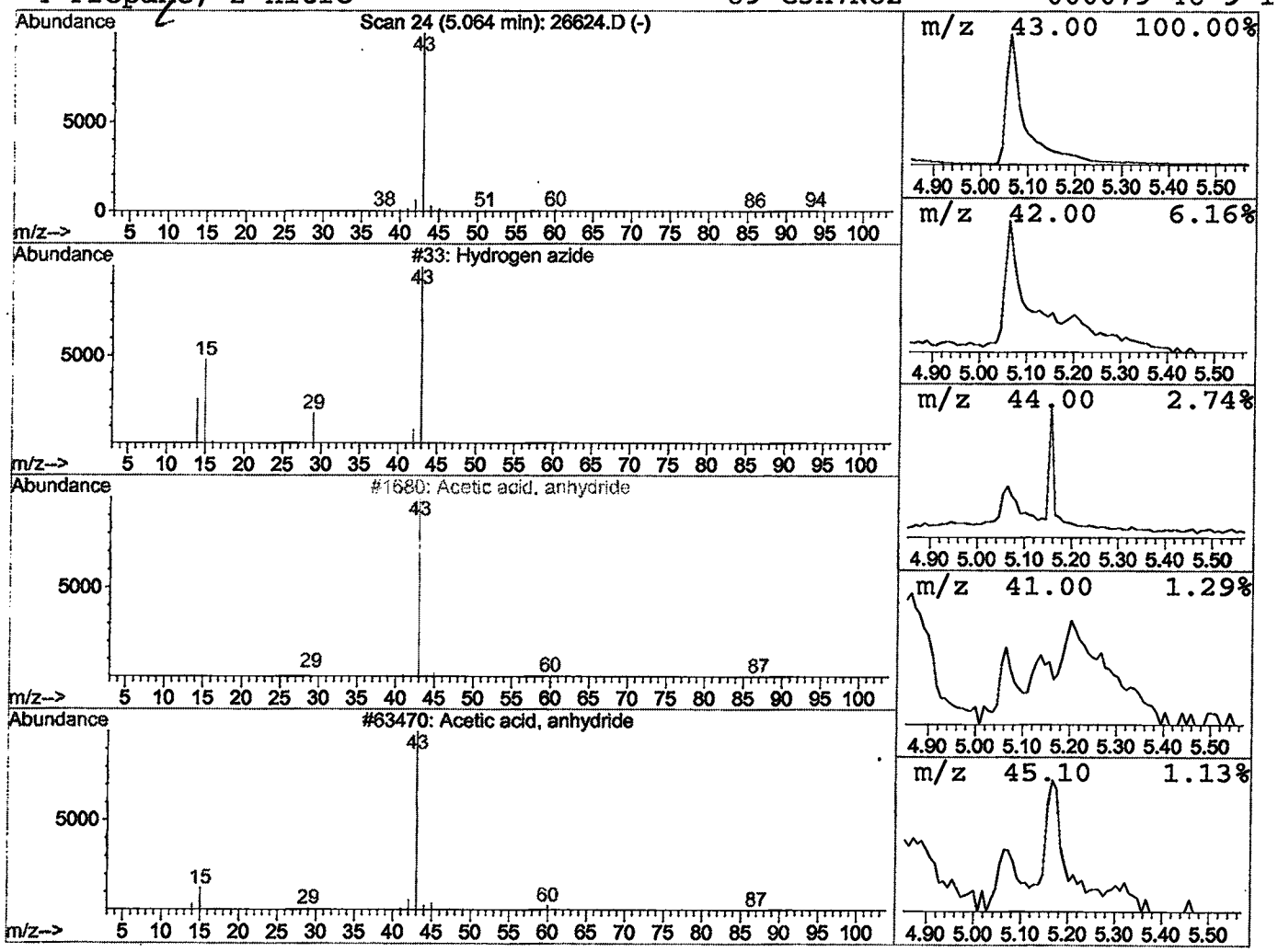
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hydrogen azide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.73 ng/uL	637773	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	4
2	Acetic acid, anhydride	102	C4H6O3	000108-24-7	2
3	Acetic acid, anhydride	102	C4H6O3	000108-24-7	2
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

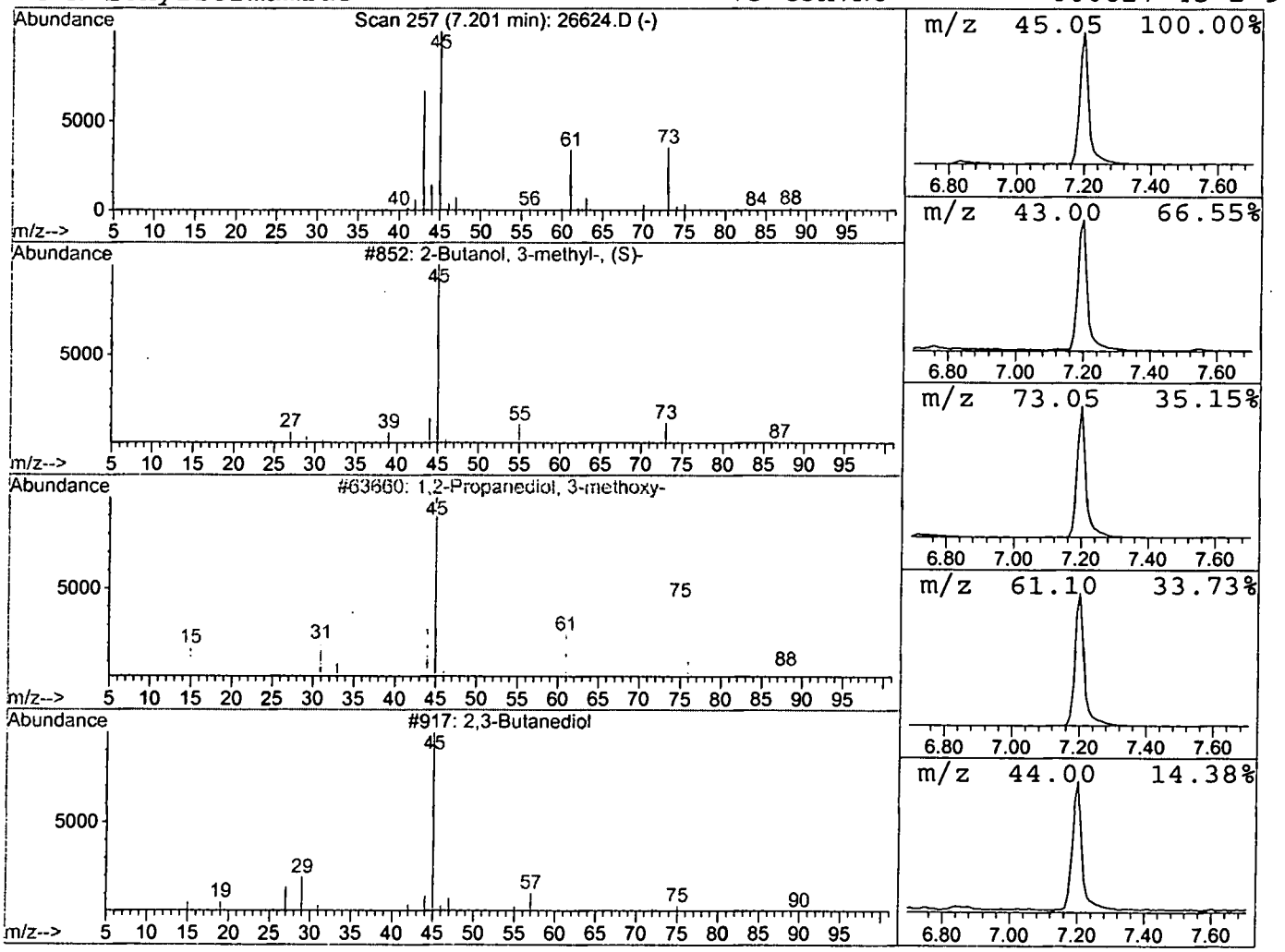
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Butanol, 3-methyl-, (S)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	7.42 ng/uL	1729600	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	42
2	1,2-Propanediol, 3-methoxy-	106	C4H10O3	000623-39-2	36
3	2,3-Butanediol	90	C4H10O2	000513-85-9	33
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

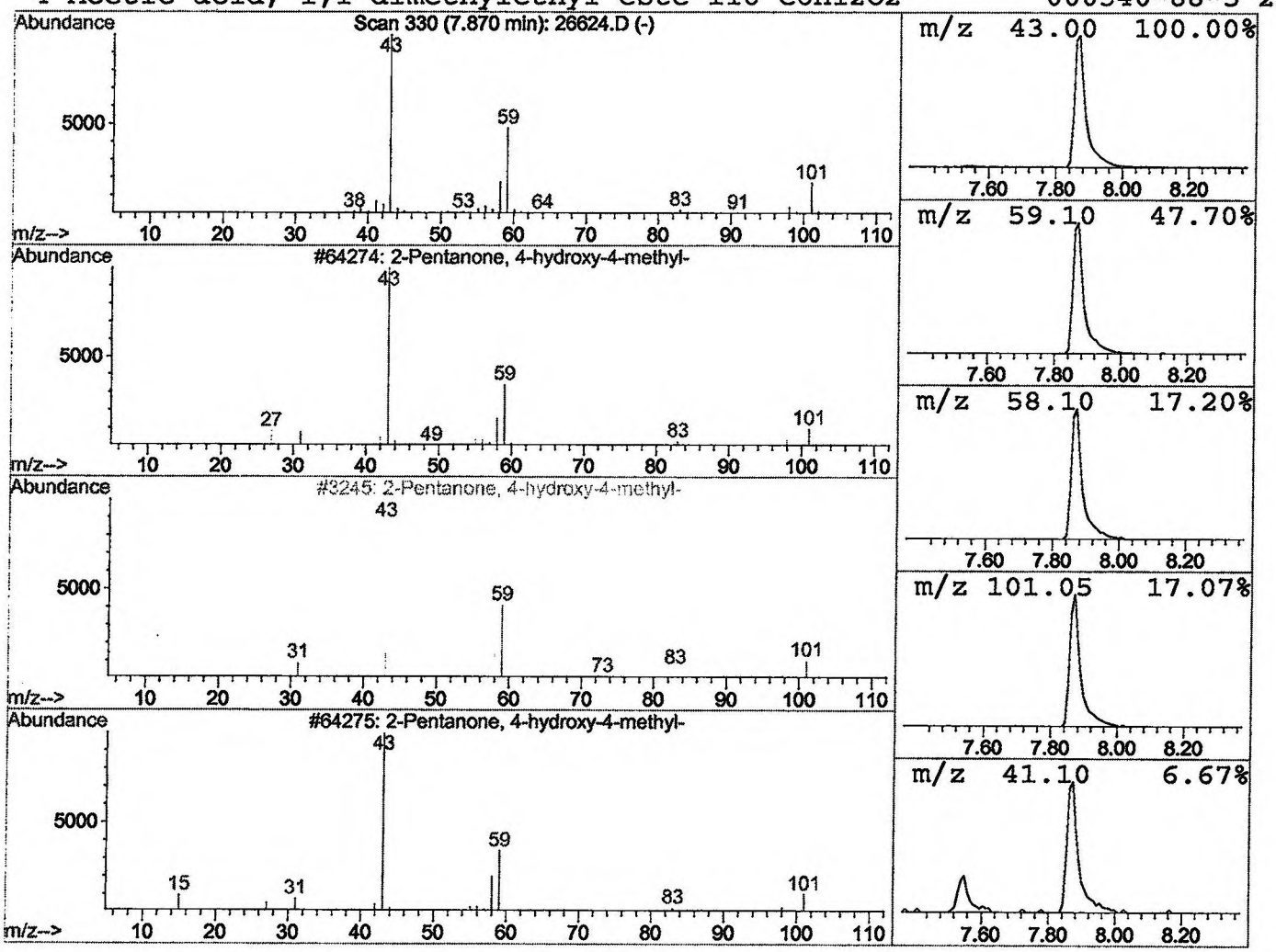
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	8.50 ng/uL	1981850	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D Vial: 7
Acq On : 6 Dec 2001 3:39 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

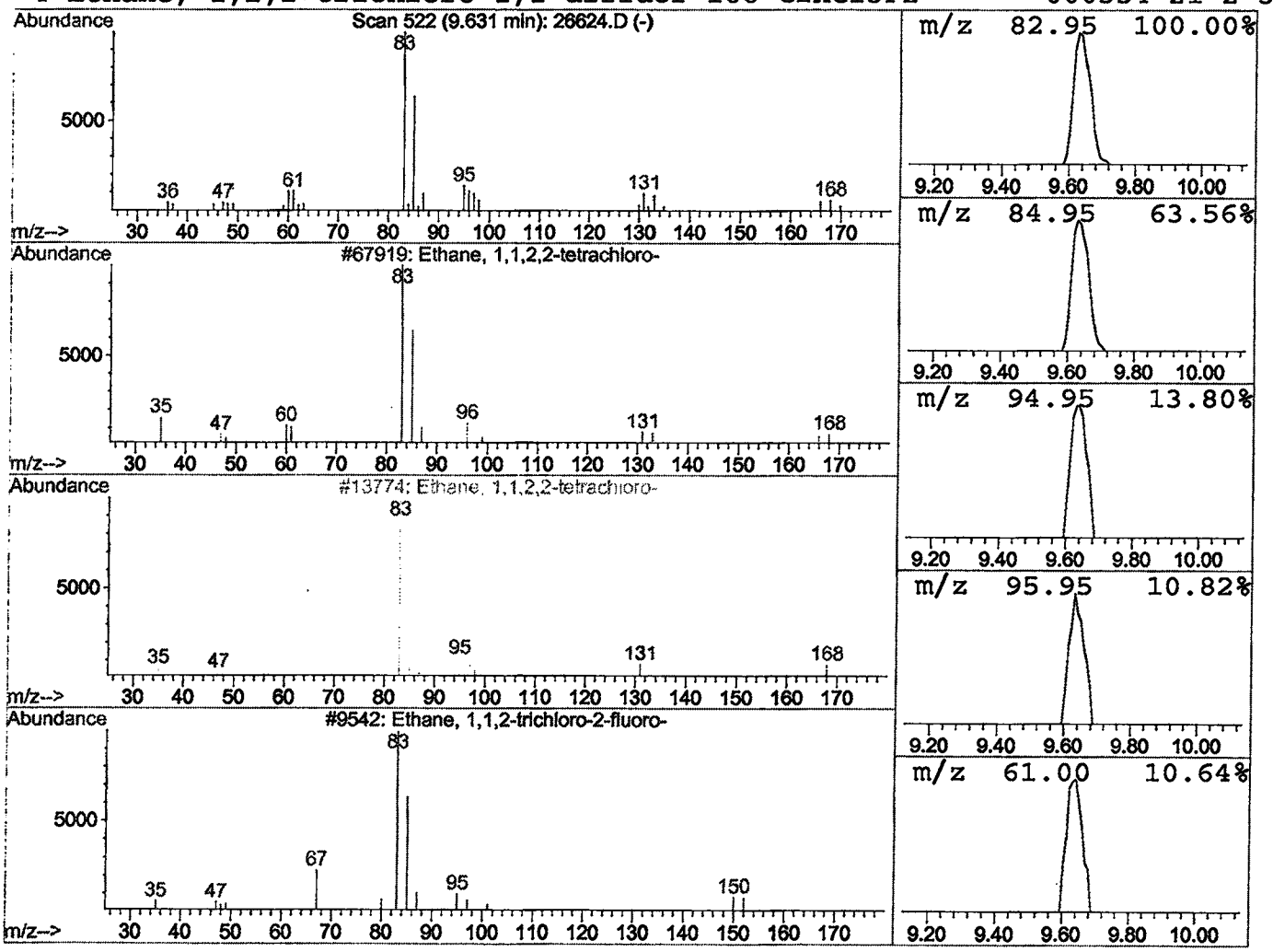
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	1.20 ng/uL	280305	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	95
2	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	95
3	Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	64
4	Ethane, 1,2,2-trichloro-1,1-difluor	168	C2HCl3F2	000354-21-2	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26624.D
Acq On : 6 Dec 2001 3:39 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

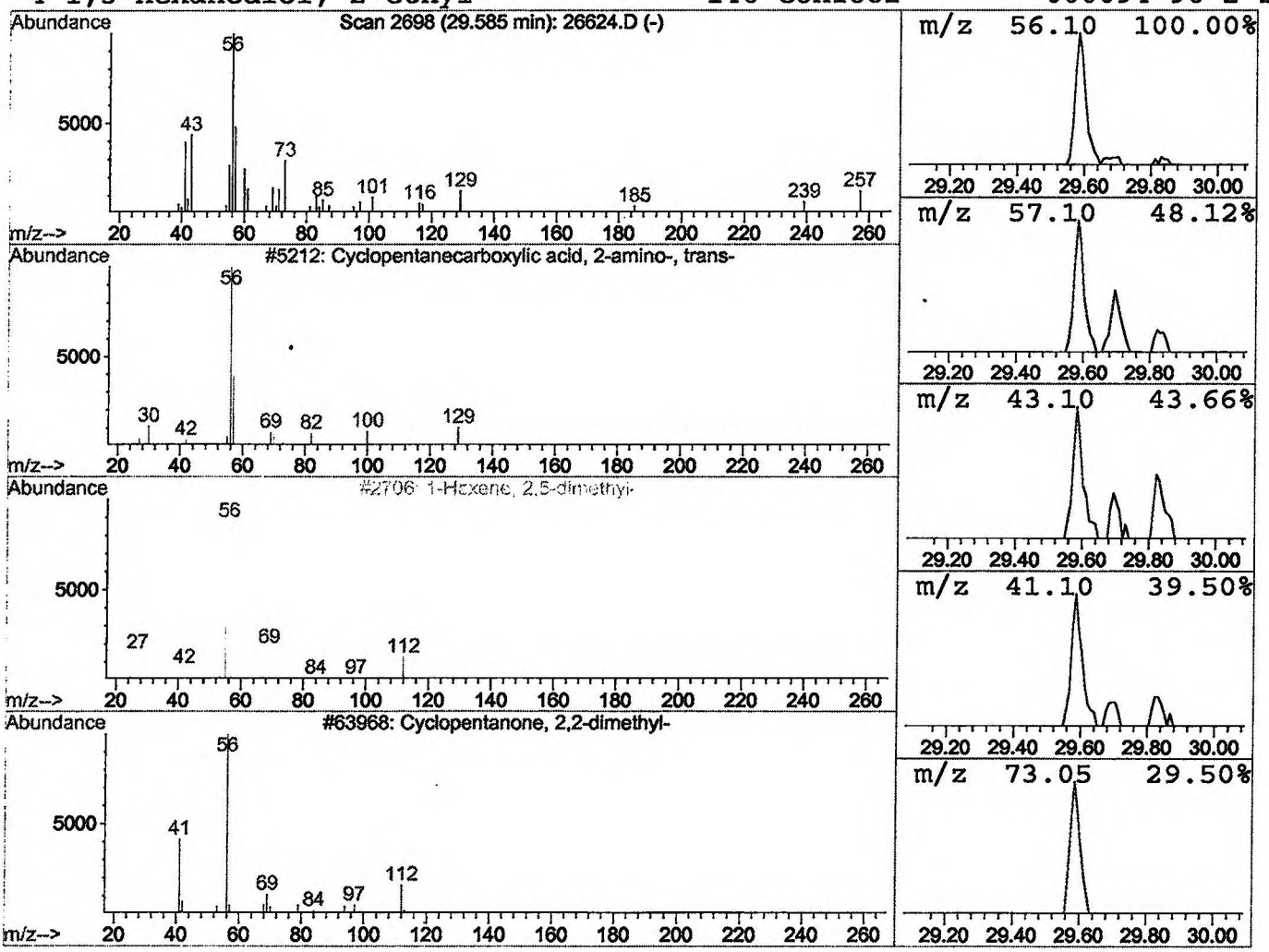
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Cyclopentanecarboxylic acid, 2 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.58	0.74 ng/uL	129486	Chrysene-d12	33.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 2-amin	129	C6H11NO2	040482-05-1	38
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	25
3	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	25
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 6 Dec 2001 3:39 pm
Data File: C:\HPCHEM\1\DATA\DEC0601\26624.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Hydrogen azide	5.06	2.7	ng/uL	637773	ISTD01	11.89	4664250	20.0
2-Butanol, 3-methyl-	7.20	7.4	ng/uL	1729600	ISTD01	11.89	4664250	20.0
2-Pentanone, 4-hydro	7.87	8.5	ng/uL	1981850	ISTD01	11.89	4664250	20.0
Ethane, 1,1,2,2-tetr	9.63	1.2	ng/uL	280305	ISTD01	11.89	4664250	20.0
Cyclopentanecarboxyl	29.58	0.7	ng/uL	129486	ISTD05	33.18	3509880	20.0

26624.D NP112701.M Fri Dec 07 14:47:52 2001

Comments for Sample AD26624 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-16-2001 Time: 11:20:34

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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.46 ug/L, and 1,1,2,2-Tetrachloroethane at an estimated level of 1.2 ug/L and a fit of 95 out of 100.

Comments for Sample AD26624 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-31-2001 Time: 10:25:24

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, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.46 ug/L, and 1,1,2,2-Tetrachloroethane at an estimated level of 1.2 ug/L and a fit of 95 out of 100. These 2 compounds were also present in the Laboratory Blank at 0.33 ug/L and 2.90 ug/L respectively.