User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 15:07:09

Sample: AD26711
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:52 Ended: 12/10/01 14:52 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\26711.D Vial: 5
Acq On : 5 Dec 2001 12:24 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:01 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	11.87	152	1144535	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.49	136	4317432	20.00	ng/uL	-0.06
31) Acenaphthene-d10	20.76	164	1948960	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.17	188	2731396m	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	1723604	20.00	ng/uL	-0.08
68) Perylene-d12	37.26	264	1128541	20.00	ng/uL	-0.08
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	11.87	132	1164	0.01	ng/uL	0.45
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.24	152	283	0.01	ng/uL	-0.22
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.92	172	2273	0.02	ng/uL	0.08
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
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	12.88	45	2660	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\DEC0501\26711.D Vial: 5
Acq On : 5 Dec 2001 12:24 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:01 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	25.17	178	664	N.D.	
56)	Anthracene	25.17	178	664	N.D.	
57)	Di-n-butylphthalate	0.00	149	0	N.D. 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	33.17	228	3634	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.43	149	30273	0.30 ng/uL#	98
67)	Chrysene	33.17	228	3634	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\DEC0501\26711.D Vial: 5
Acq On : 5 Dec 2001 12:24 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:01 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

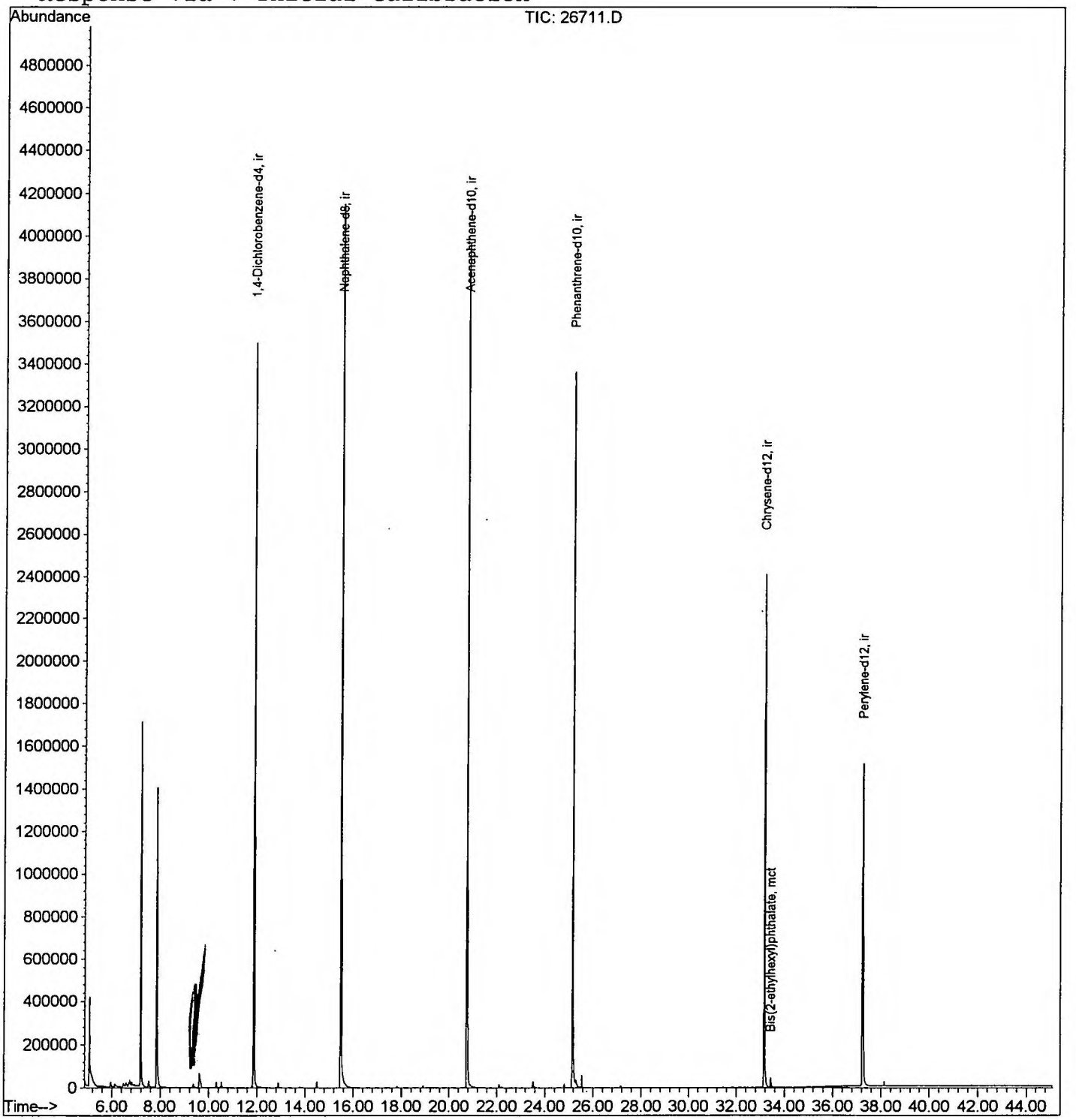
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.26	252	3764	N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\26711.D Vial: 5
Acq On : 5 Dec 2001 12:24 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:01 2001 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\DEC0501\26711.D Vial: 5
Acq On : 5 Dec 2001 12:24 pm Operator: GALOS
Sample : gc/ms unknown 11/7 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

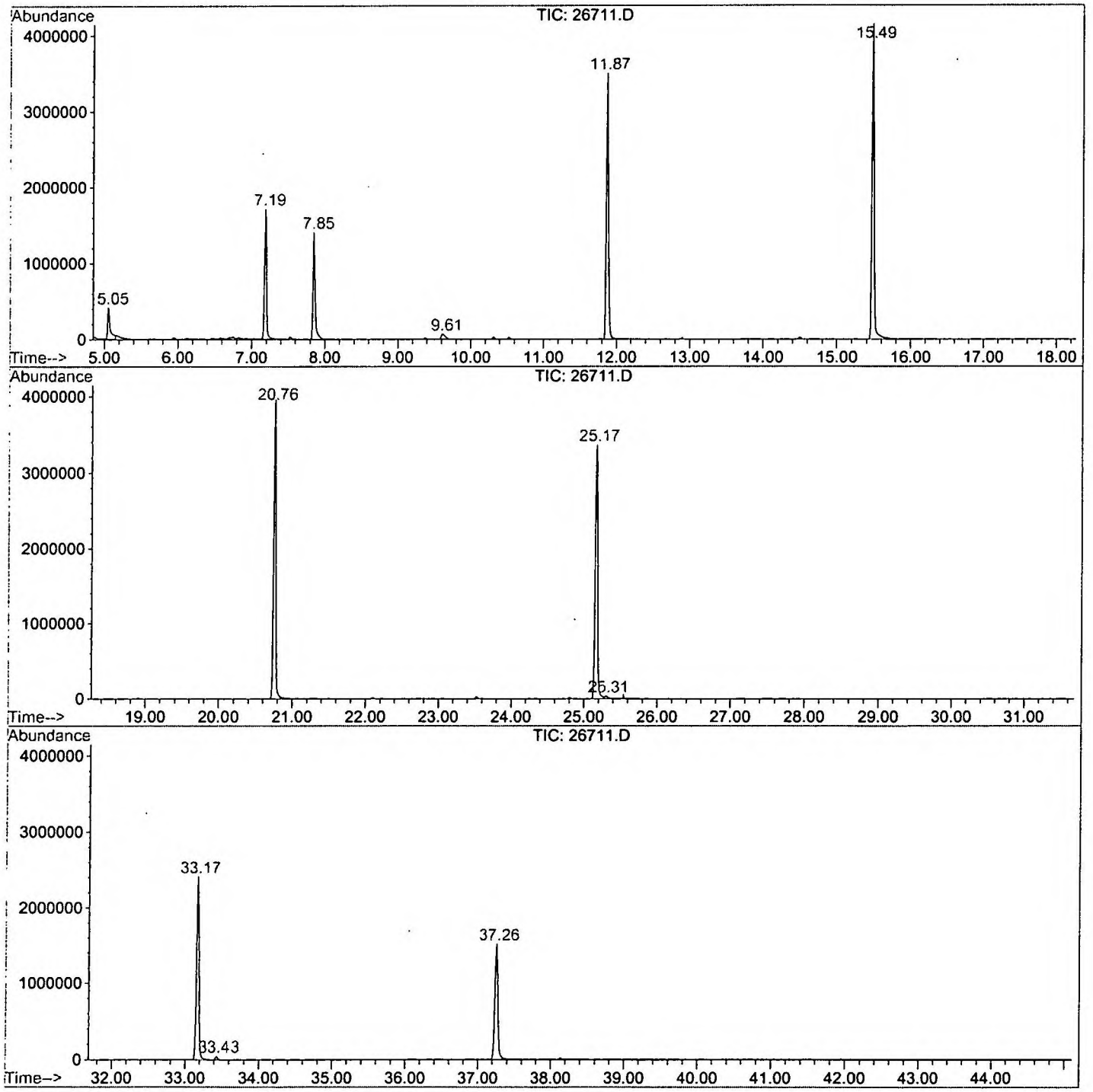
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.050	20	23	34	rBV	410467	1011954	11.62%	2.067%
2	7.187	251	256	266	rBV	1705181	3110250	35.73%	6.354%
3	7.847	324	328	342	rBV	1401923	2745124	31.53%	5.608%
4	9.608	516	520	531	rVB2	65739	239955	2.76%	0.490%
5	11.873	761	767	783	rBV	3498957	7082185	81.35%	14.469%
6	15.486	1155	1161	1180	rBV	4149377	8705816	100.00%	17.786%
7	20.758	1729	1736	1749	rBV	3961562	8536641	98.06%	17.441%
8	25.169	2210	2217	2228	rBV2	3361441	7635237	87.70%	15.599%
9	25.307	2229	2232	2245	rVB	35156	107051	1.23%	0.219%
10	33.166	3082	3089	3105	rBV2	2409503	5516204	63.36%	11.270%
11	33.431	3114	3118	3129	rVB	45159	103975	1.19%	0.212%
12	37.255	3527	3535	3553	rBV2	1508832	4152718	47.70%	8.484%

Sum of corrected areas: 48947110

26711.D NP112701.M Fri Dec 07 13:14:24 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\26711.D
Operator : GALOS
Acquired : 5 Dec 2001 12:24 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/7
Misc Info :
Vial Number: 5
Quant File :NP112701.RES (RTE Integrator)



26711.D NP112701.M Fri Dec 07 13:14:27 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\26711.D
Acq On : 5 Dec 2001 12:24 pm
Sample : gc/ms unknown 11/7
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

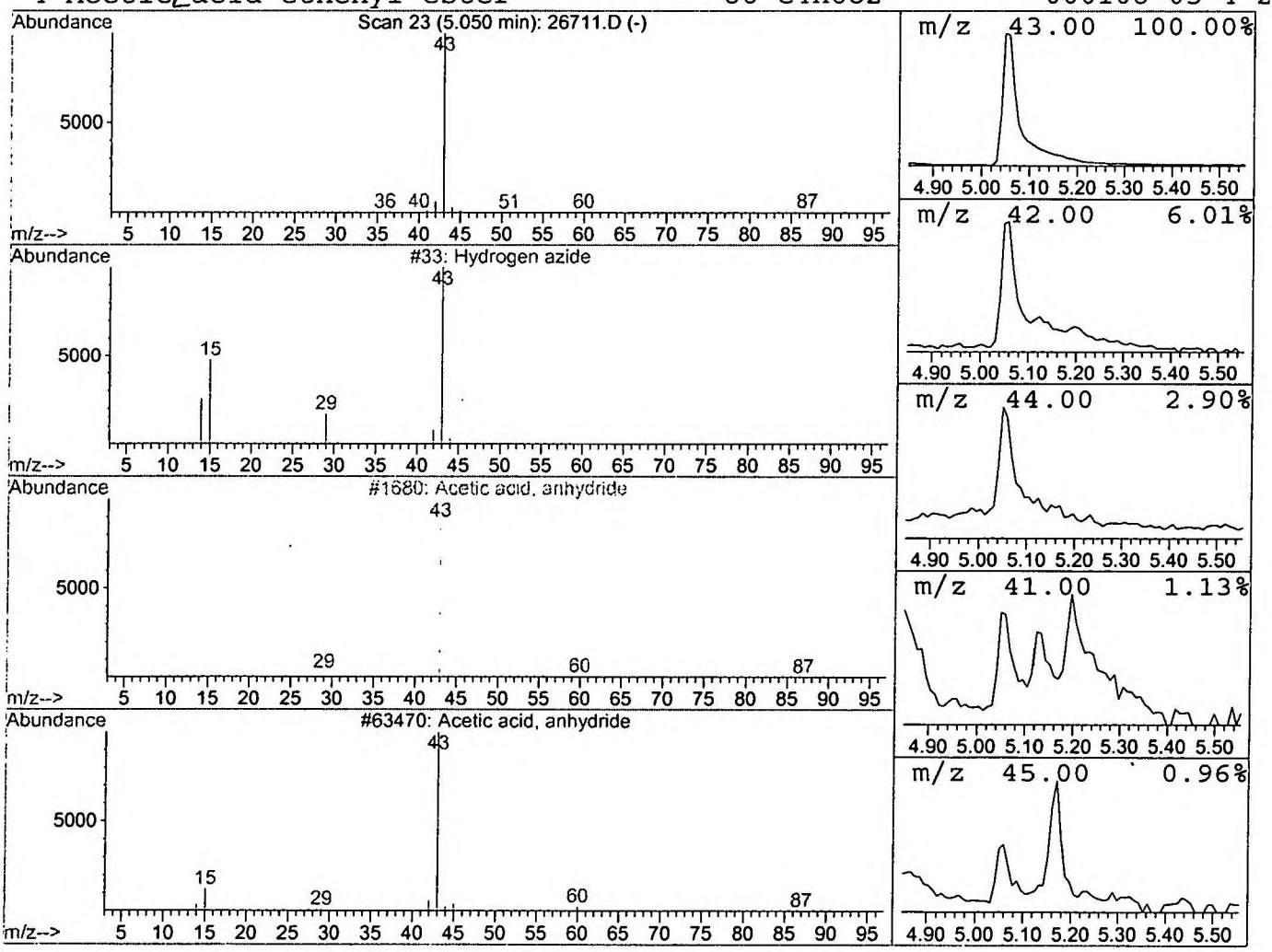
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hydrogen azide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.86 ng/uL	1011950	1,4-Dichlorobenzene-d4	11.87

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	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\26711.D Vial: 5
Acq On : 5 Dec 2001 12:24 pm Operator: GALOS
Sample : gc/ms unknown 11/7 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

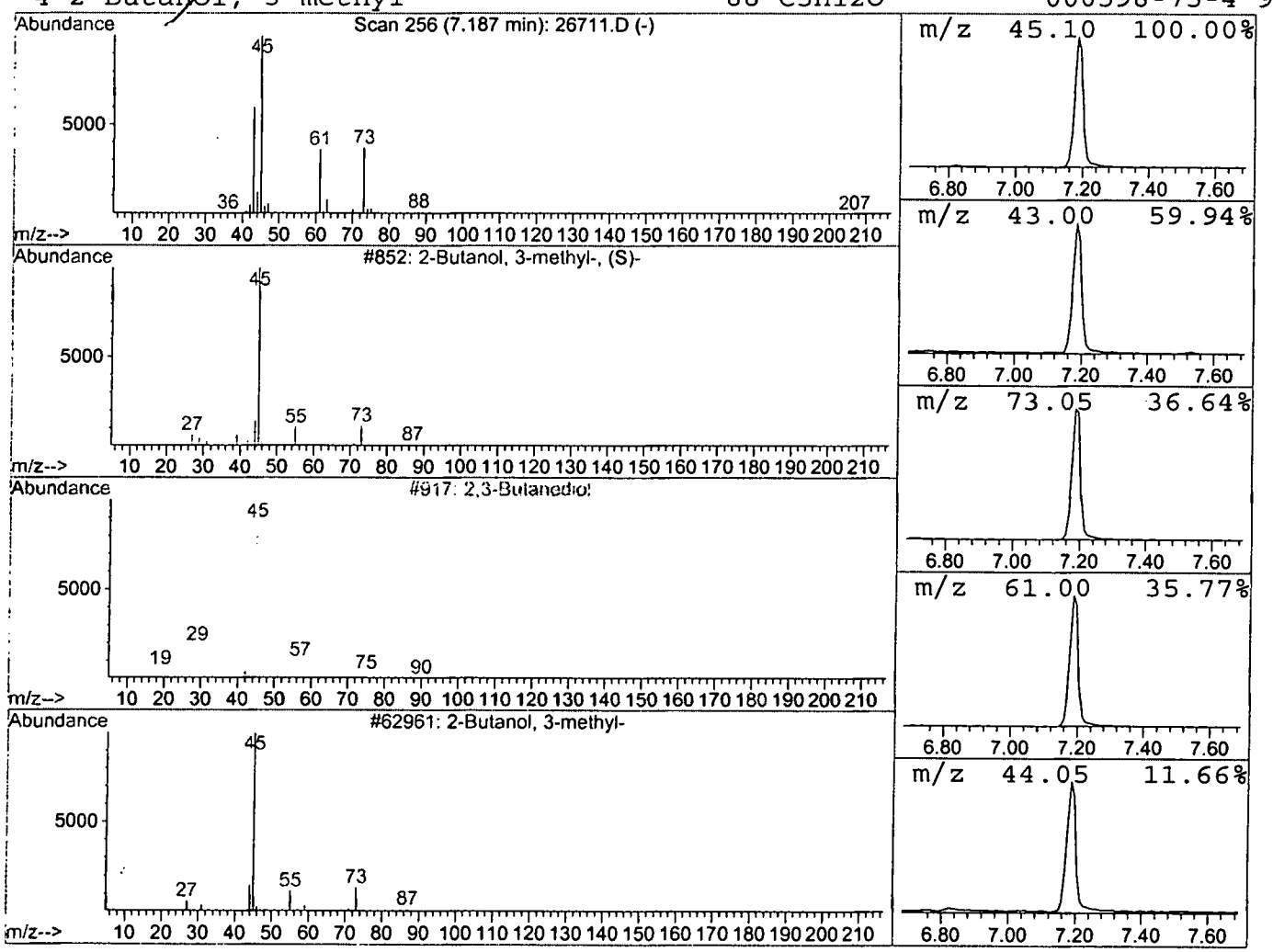
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Butanol, 3-methyl-, (S)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	8.78 ng/uL	3110250	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	42
2	2,3-Butanediol	90	C4H10O2	000513-85-9	33
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\26711.D
Acq On : 5 Dec 2001 12:24 pm
Sample : gc/ms unknown 11/7
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

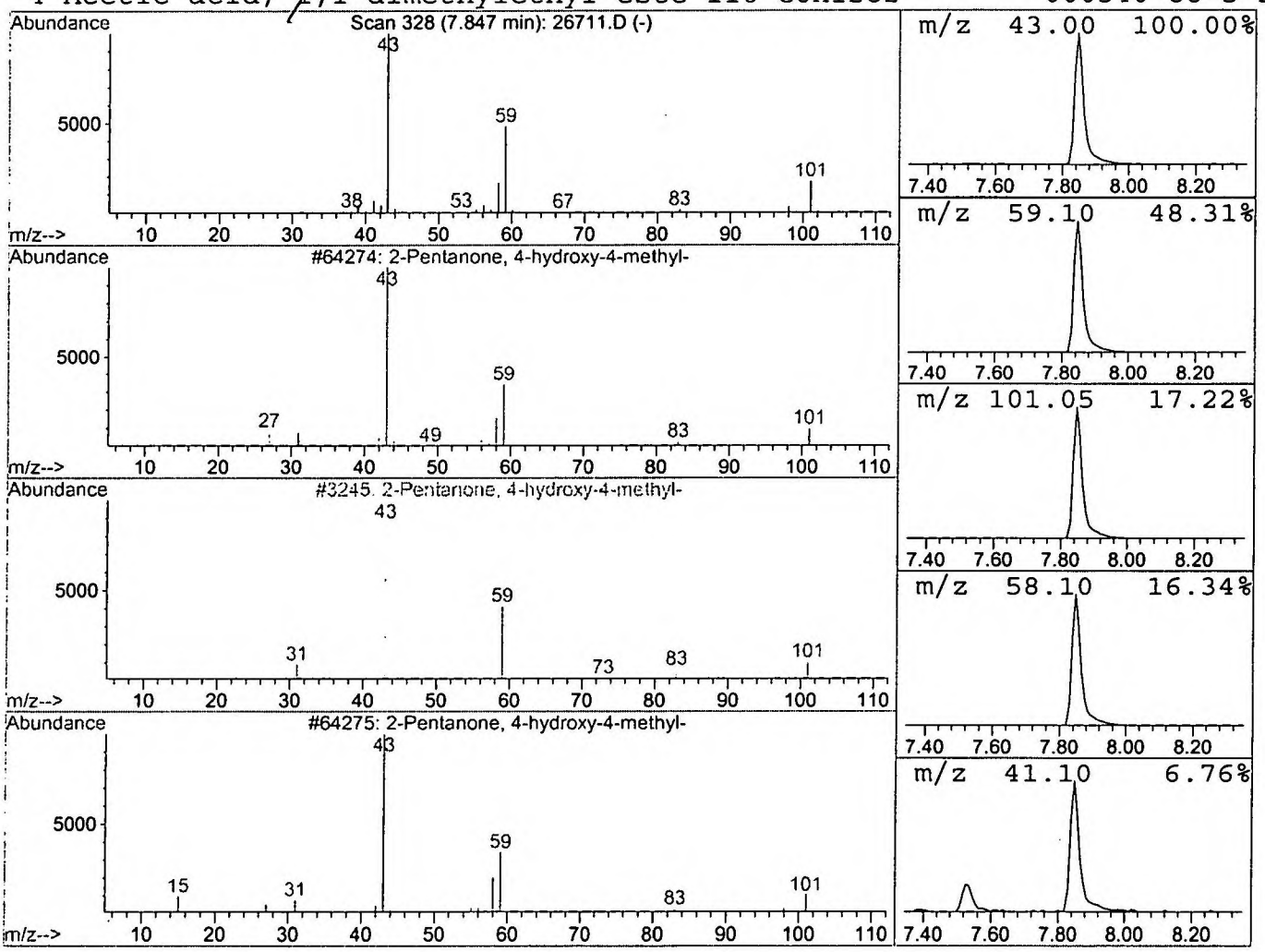
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	7.75 ng/uL	2745120	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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\DEC0501\26711.D
Acq On : 5 Dec 2001 12:24 pm
Sample : gc/ms unknown 11/7
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

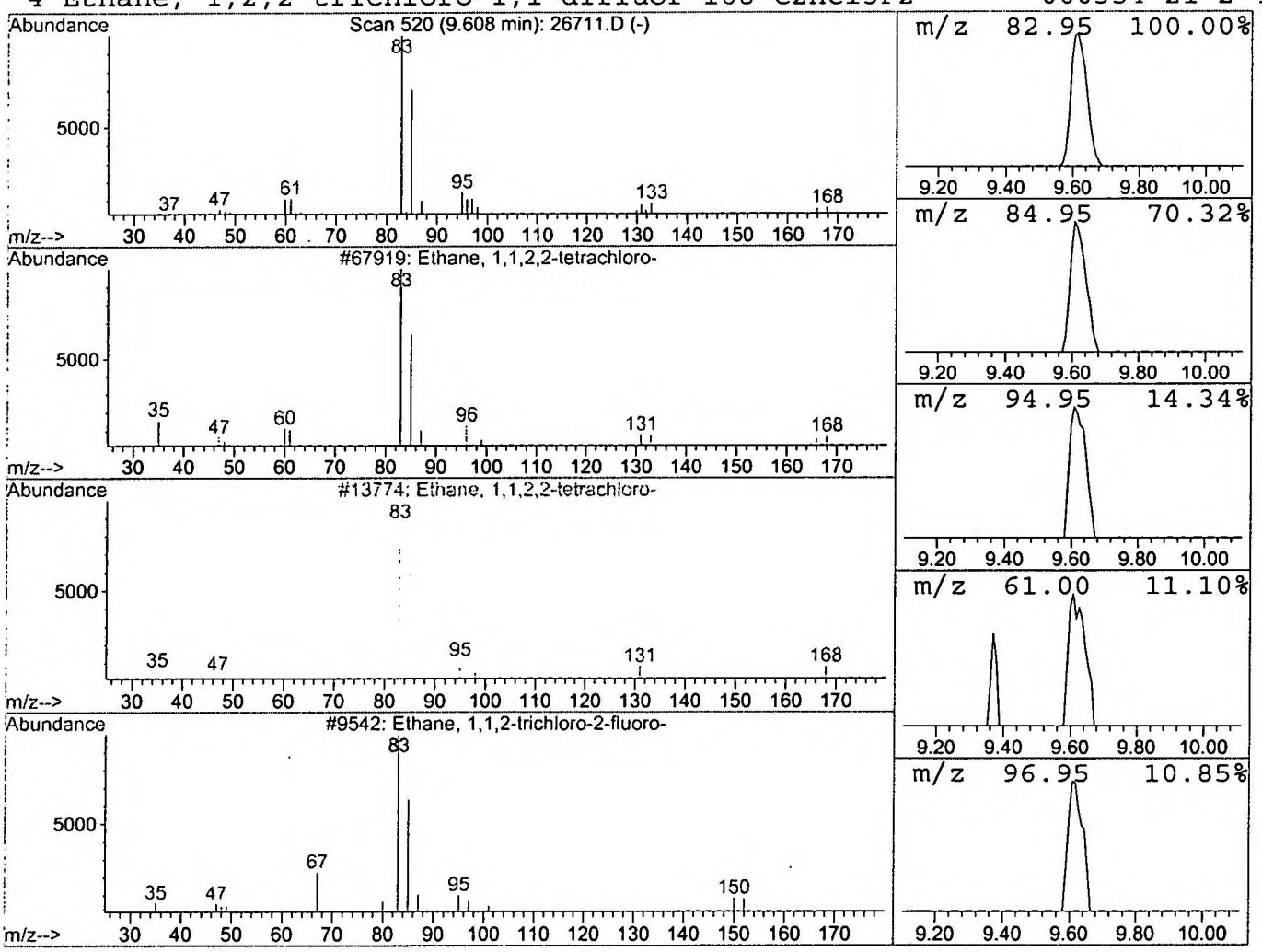
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	0.68 ng/uL	239955	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	94
2	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	93
3	Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	72
4	Ethane, 1,2,2-trichloro-1,1-difluor	168	C2HCl3F2	000354-21-2	43



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 5 Dec 2001 12:24 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\26711.D
Name: gc/ms unknown 11/7
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	5.05	2.9	ng/uL	1011950	ISTD01	11.87	7082190	20.0
2-Butanol, 3-methyl-	7.19	8.8	ng/uL	3110250	ISTD01	11.87	7082190	20.0
2-Pentanone, 4-hydro	7.85	7.8	ng/uL	2745120	ISTD01	11.87	7082190	20.0
Ethane, 1,1,2,2-tetr	9.61	0.7	ng/uL	239955	ISTD01	11.87	7082190	20.0

26711.D NP112701.M Fri Dec 07 13:14:36 2001

Comments for Sample AD26711 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-16-2001 Time: 11:37:33

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 0.30 ug/L, and 1,1,2,2-Tetrachloroethane at an estimated level of 0.68 ug/L and with a fit of 94 out of 100.

Comments for Sample AD26711 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-31-2001 Time: 11:22:29

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 0.30 ug/L, and 1,1,2,2-Tetrachloroethane at an estimated level of 0.68 ug/L and with a fit of 94 out of 100. These compounds were also present in the Laboratory Blank at 0.33 ug/L and 2.90 ug/L respectively.