User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 09/20/2001 Time: 13:13:39

Sample: AD22167
Analysis: $GCMS GC/MS Scan For Unknowns
Started: 9/20/01 12:29 Ended: 9/20/01 12:29 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\SEP1901\22167.D Vial: 3
Acq On : 19 Sep 2001 4:55 pm Operator: GALOS
Sample : GC/MS unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 20 8:41 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.98	152	343028	20.00	ng/uL	-0.03
19) Naphthalene-d8	15.59	136	1306988	20.00	ng/uL	-0.04
31) Acenaphthene-d10	20.87	164	609351	20.00	ng/uL	-0.03
49) Phenanthrene-d10	25.28	188	871102	20.00	ng/uL	-0.03
59) Chrysene-d12	33.29	240	540336	20.00	ng/uL	-0.03
68) Perylene-d12	37.40	264	361116	20.00	ng/uL	-0.03
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	0.00	152	0	0.00	ng/uL	
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.00%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	19.02	172	657	0.02	ng/uL	0.12
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	0.00	45	0	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

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Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
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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	27.27	149	1236	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	31.56	149	6060	N.D.	
65) Benzo(a)anthracene	33.29	228	630	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.22	149	1451	N.D.	
67) Chrysene	33.29	228	630	N.D.	
69) Di-n-Octylphthalate	35.29	149	1481	N.D.	
70) Benzo(b)fluoranthene	0.00	252	0	N.D.	

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Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 20 8:41 2001 Quant Results File: NP072501.RES

Quant Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration
DataAcq Meth : HP060501

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.39	252	282	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.	

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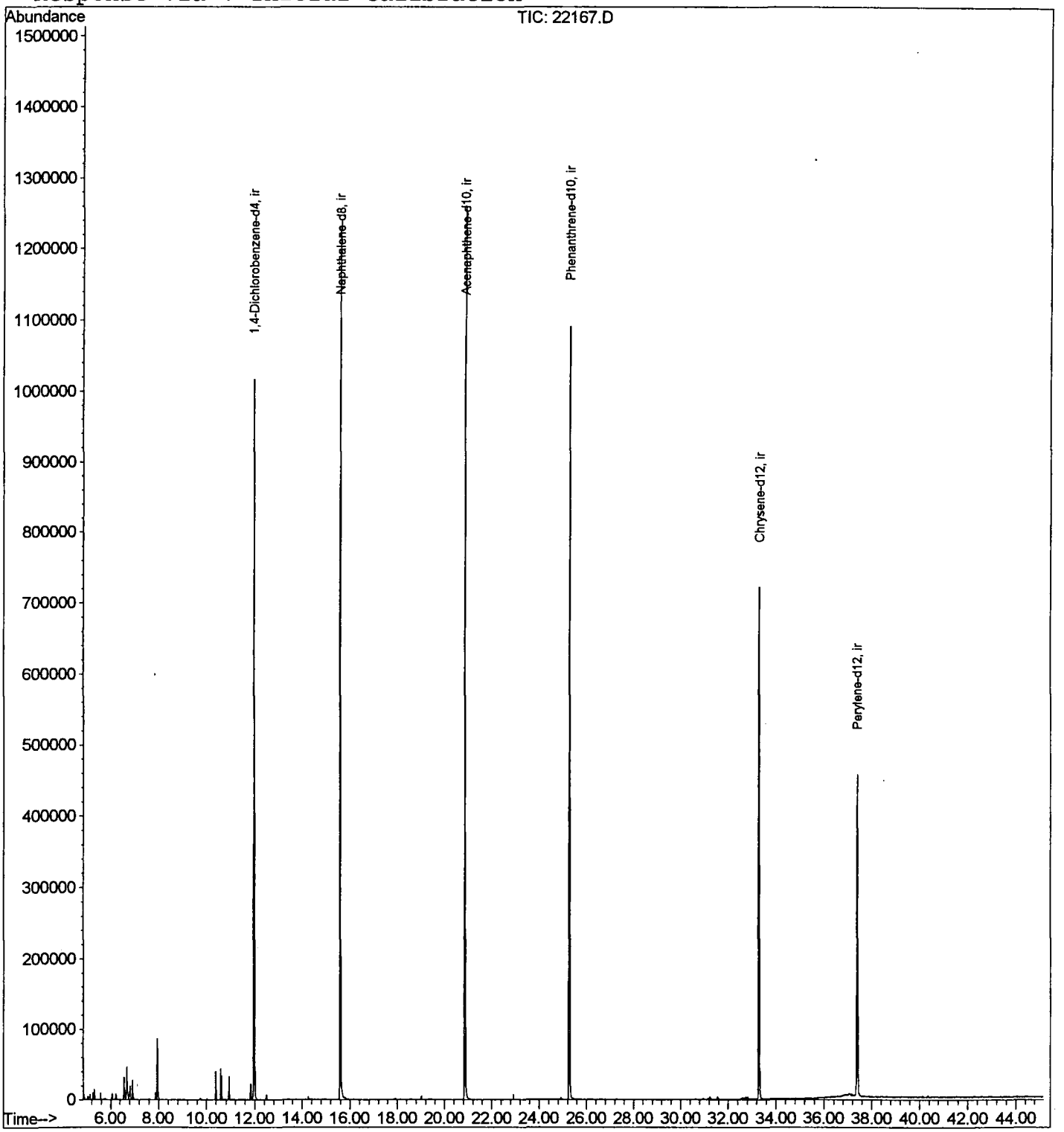
Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP1901\22167.D Vial: 3
Acq On : 19 Sep 2001 4:55 pm Operator: GALOS
Sample : GC/MS unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 20 8:41 2001 Quant Results File: NP072501.RES

Method : C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
Last Update : Wed Jul 25 15:24:54 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP1901\22167.D Vial: 3
Acq On : 19 Sep 2001 4:55 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\NP072501.M (RTE Integrator)
Title : 208 625/TCLP calibration table 7/25/01 C1 IS 5
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

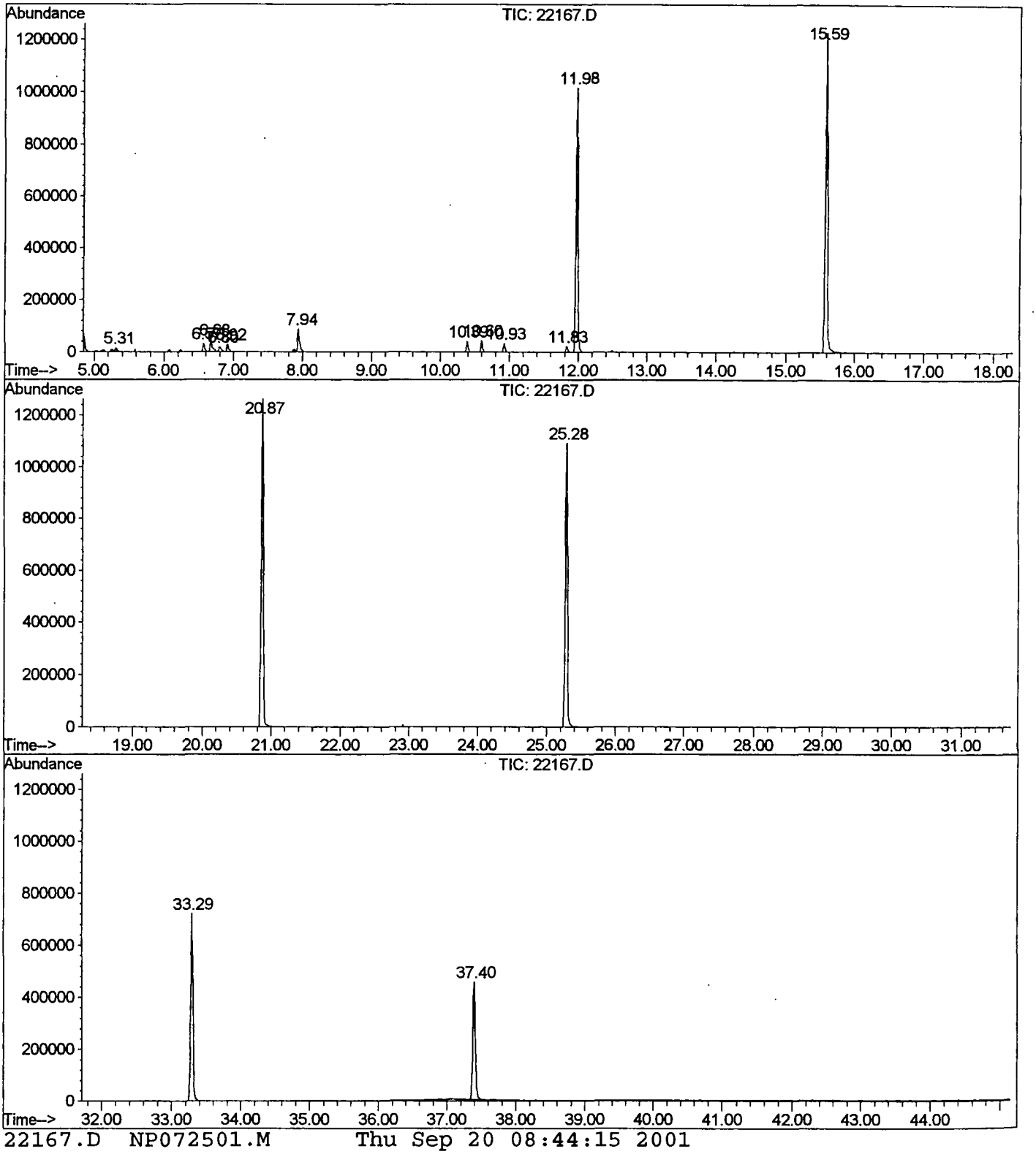
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.311	49	52	58	rVB2	15180	29569	1.13%	0.227%
2	6.568	185	189	196	rBV	32110	60400	2.31%	0.463%
3	6.678	196	201	210	rVB2	46714	110702	4.24%	0.848%
4	6.797	211	214	220	rBB	19405	41791	1.60%	0.320%
5	6.916	223	227	234	rBB	28568	57032	2.18%	0.437%
6	7.943	336	339	350	rVB	87083	176717	6.77%	1.354%
7	10.392	602	606	611	rBB	40268	67462	2.58%	0.517%
8	10.603	625	629	635	rBB	44406	74091	2.84%	0.568%
9	10.933	661	665	671	rBB	33138	57412	2.20%	0.440%
10	11.831	760	763	768	rBB	22363	41916	1.60%	0.321%
11	11.978	774	779	790	rVB	1015352	2028300	77.66%	15.540%
12	15.591	1167	1173	1188	rBV	1228115	2587234	99.06%	19.823%
13	20.873	1743	1749	1758	rBV	1260317	2611772	100.00%	20.011%
14	25.284	2224	2230	2245	rBV2	1091540	2322354	88.92%	17.793%
15	33.289	3097	3103	3118	rBV2	720601	1589021	60.84%	12.175%
16	37.398	3544	3551	3560	rBV2	451214	1196201	45.80%	9.165%

Sum of corrected areas: 13051974

22167.D NP072501.M Thu Sep 20 08:44:15 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP1901\22167.D
Operator : GALOS
Acquired : 19 Sep 2001 4:55 pm using AcqMethod HP060501
Instrument : GC/MS Ins
Sample Name: GC/MS unknown
Misc Info :
Vial Number: 3
Quant File :NP072501.RES (RTE Integrator)



22167.D NP072501.M Thu Sep 20 08:44:15 2001

Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 19 Sep 2001 4:55 pm
Data File: C:\HPCHEM\1\DATA\SEP1901\22167.D
Name: GC/MS unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP072501.M (RTE Integrator)
Title: 208 625/TCLP calibration table 7/25/01 C1 IS 5
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

22167.D NP072501.M Thu Sep 20 08:44:16 2001

Comments for Sample AD22167 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 09-20-2001 Time: 14:42:36

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