User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 16:53:44

Sample: AE02595
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 16:52 Ended: 3/7/02 16:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		120		5.0

›mments for Sample AE02595 - Analysis $GCMS

estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 03-07-2002 Time: 16:54:01

ıe GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual ›mpounds. The recoveries for 2 of the 43 compounds in the LCS Standard were elow their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2595.D Vial: 5
Acq On : 1 Mar 2002 12:17 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 10:47 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	12.31	152	267759	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1041186	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.26	164	553012	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.72	188	793255	20.00	ug/l	-0.05
38) Chrysene-d12	33.78	240	530355	20.00	ug/l	-0.07
44) Perylene-d12	38.06	264	364992	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	49723	6.00	ug/mL	0.30
Spiked Amount 5.000			Recovery = 120.00%			
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	16.01	128	191	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	22.74	149	216	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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Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.68	149	5004	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	33.78	228	1337	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	2228	N.D.	
43)	Chrysene	33.86	228	345	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	38.06	252	1424	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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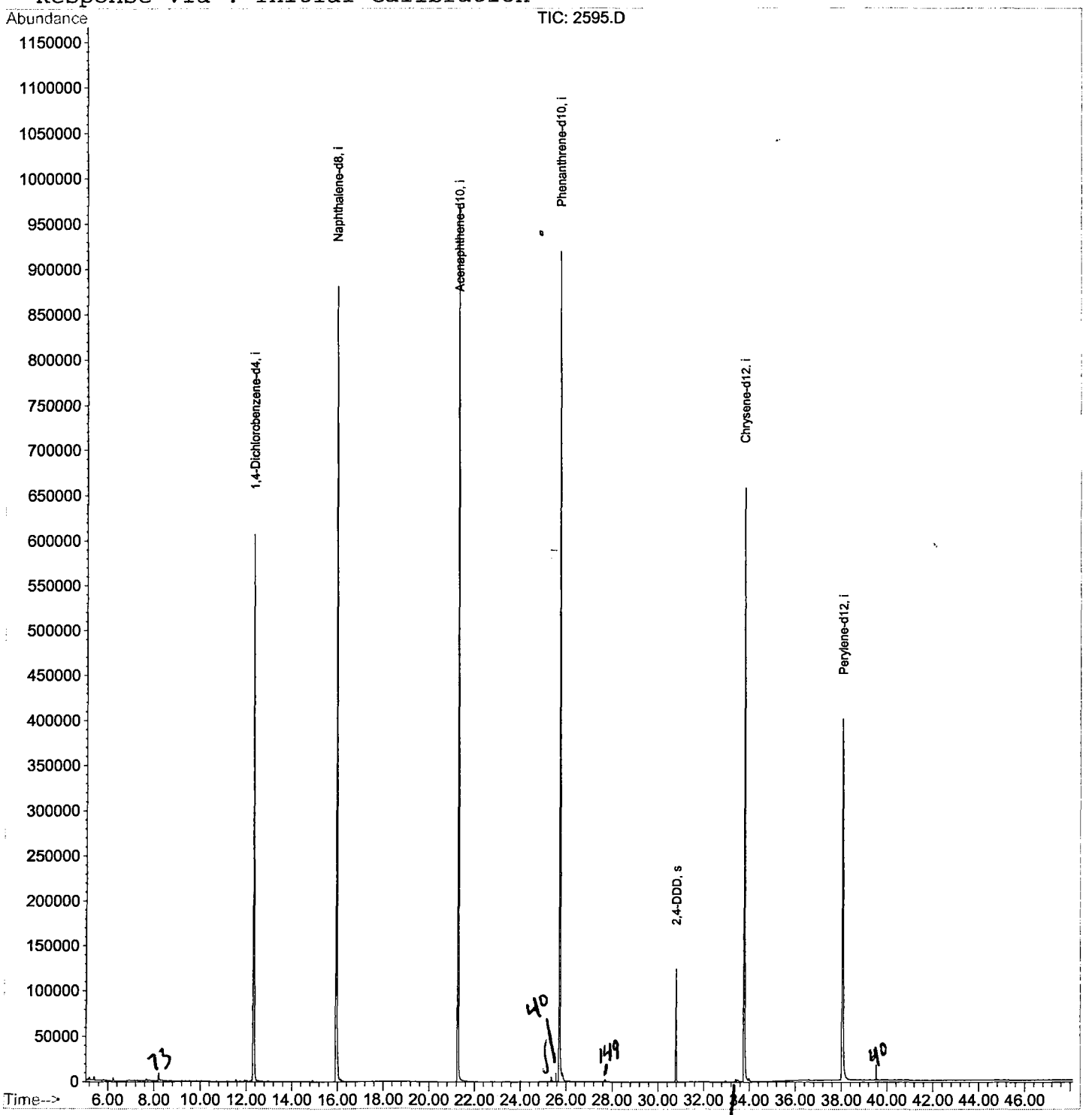
Acq On : 1 Mar 2002 12:17 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 10:47 2002 Quant Results File: GCMS0208.RES

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



See Attachment

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2595.D Vial: 5
Acq On : 1 Mar 2002 12:17 pm Operator:
Sample : gc/ms scan 2/5 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

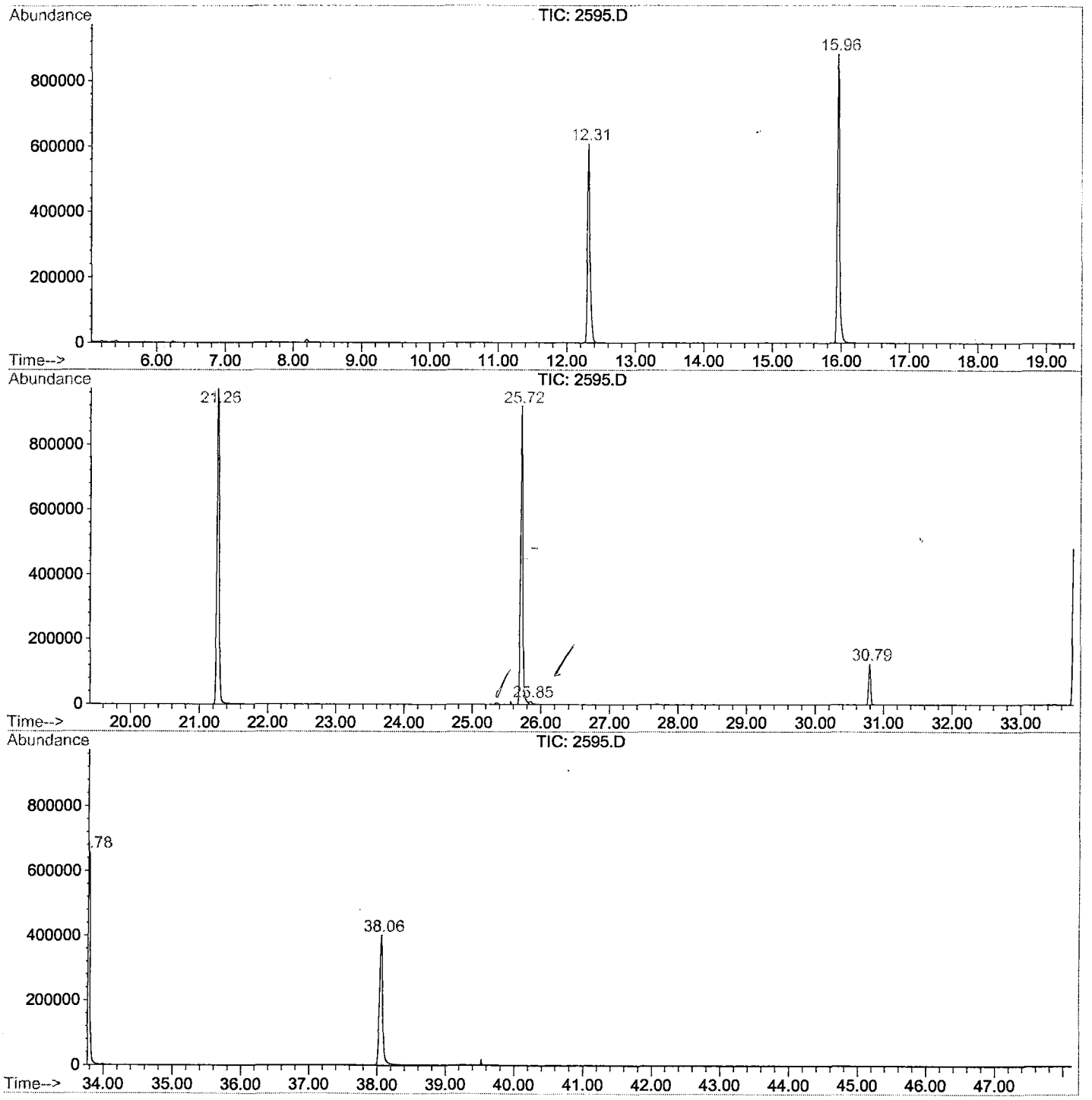
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.314	786	792	806	rVB	606405	1505539	69.12%	13.784%
2	15.958	1183	1189	1206	rBV	881208	2012110	92.38%	18.422%
3	21.265	1761	1767	1784	rBV	972069	2178081	100.00%	19.942%
4	25.717	2245	2252	2263	rBV	919561	2065059	94.81%	18.907%
5	25.855	2264	2267	2276	rVB	8500	23842	1.09%	0.218%
6	30.794	2800	2805	2812	rVB	124311	250441	11.50%	2.293%
7	33.777	3123	3130	3149	rBV2	657898	1604926	73.69%	14.694%
8	38.055	3587	3596	3621	rBV2	399604	1282120	58.86%	11.739%

Sum of corrected areas: 10922118

2595.D GCMS0208.M Mon Mar 04 11:39:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2595.D
Operator :
Acquired : 1 Mar 2002 12:17 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 5
Quant File :GCMS0208.RES (RTE Integrator)



2595.D GCMS0208.M Mon Mar 04 11:39:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2595.D Vial: 5
Acq On : 1 Mar 2002 12:17 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

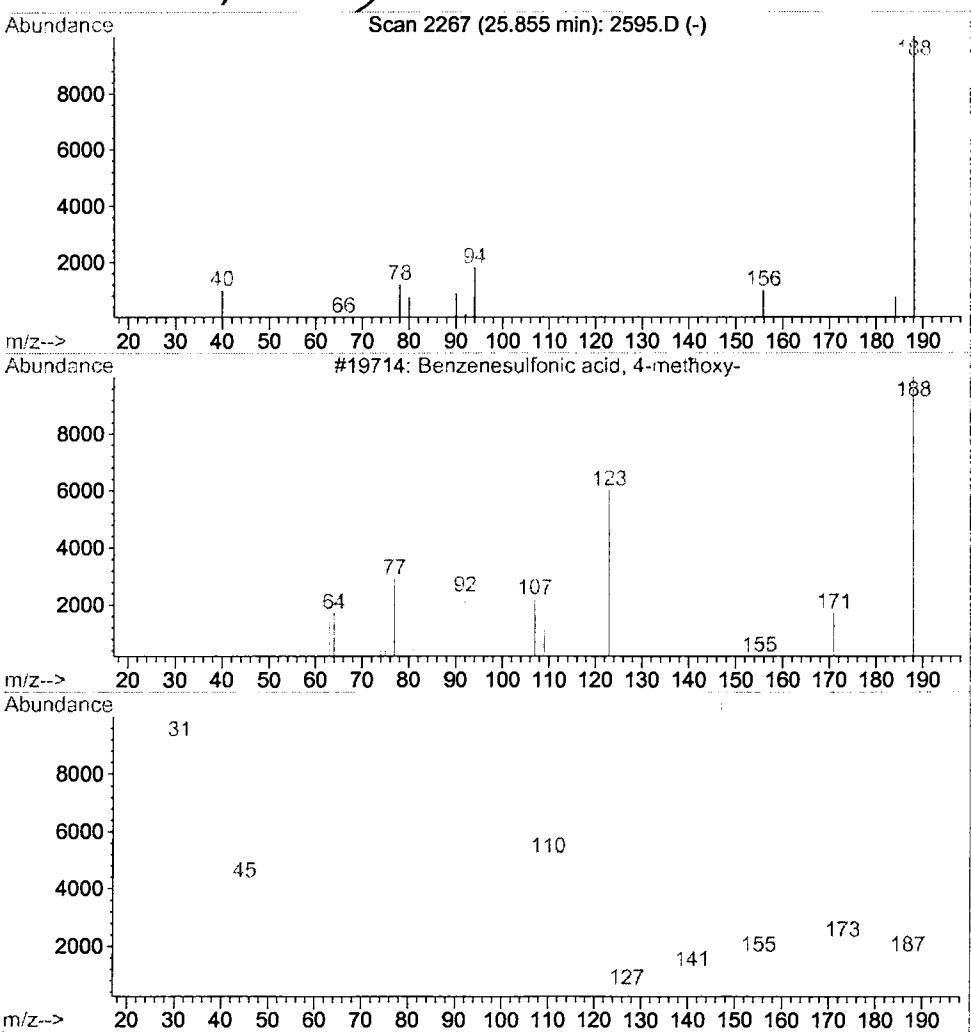
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

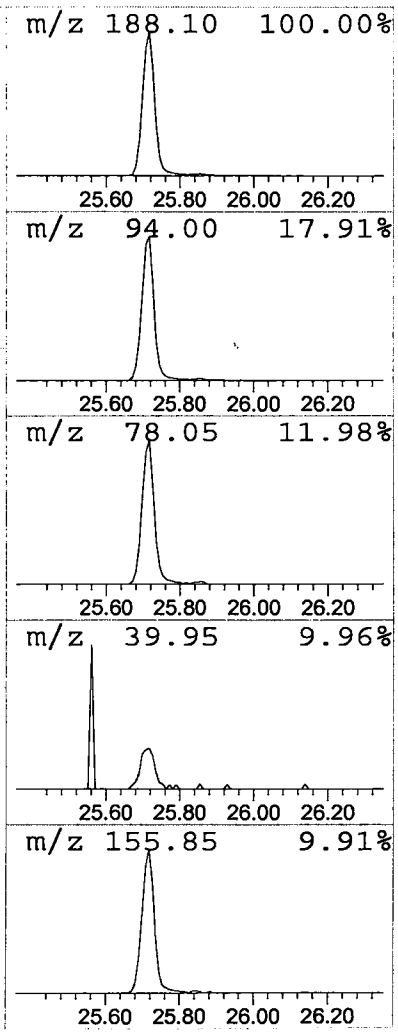
****

Peak Number 1 Benzenesulfonic acid, 4-methox Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.23 ug/l	23842	Phenanthrene-d10	25.72

Hit# of 2	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonic acid, 4-methoxy-	188	C7H8O4S	005857-42-1	3
2	Bisethoxo(methoxo)oxovanadium	188	C5H13O4V	062450-00-4	1





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Mar 2002 12:17 pm
Data File: C:\HPCHEM\1\DATA\MAR0102\2595.D
Name: gc/ms scan 2/5
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
Benzenesulfonic acid	25.85	0.2	ug/l	23842	ISTD04	25.72	2065060	20.0

IS breakdown

2595.D GCMS0208.M Mon Mar 04 11:39:30 2002

- Library Searched : C:\DATABASE\nbs75k.l
  Quality : 38
  ID : Decanal