

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 10:50:31

Sample: AE12678
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 10:49 Ended: 6/7/02 10:49 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE12678 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-07-2002 Time: 10:50:57

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\12678.D
 Acq On : 3 Jun 2002 6:03 pm
 Sample : gc/ms scan 5/31
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 4 8:59 2002

Vial: 10
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri May 31 09:43:55 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	509311	40.00	ug/l	0.00
10) Naphthalene-d8	15.70	136	2036661	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	976946	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1510335	40.00	ug/l	0.00
38) Chrysene-d12	33.48	240	856591	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	507877	40.00	ug/l	-0.03

System Monitoring Compounds

28) TCMX	23.13	209	203362	30.09	ug/L	-0.02
Spiked Amount	40.000		Recovery	=	75.22%	

Target Compounds

					Qvalue
2) N-nitrosodimethylamine	5.38	74	658	N.D.	
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	12.07	146	330	N.D.	
5) 1,4-Dichlorobenzene	12.07	146	330	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-Nitrosodi-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	15.75	128	212	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.	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	22.49	149	231	N.D.	
26) 4-Chlorophenylphenylether	23.13	204	1310	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.13	168	475	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.43	178	553	N.D.	

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

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Quantitation Report

(QT Reviewed)

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 Sample : gc/ms scan 5/31
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 4 8:59 2002

Vial: 10
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Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri May 31 09:43:55 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0531

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.43	178	553		N.D.	
36) Di-n-butylphthalate	27.41	149	5148		N.D.	
37) 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	33.48	228	1980		N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	894		N.D.	
43) Chrysene	33.48	228	1980		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	37.66	252	1823		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

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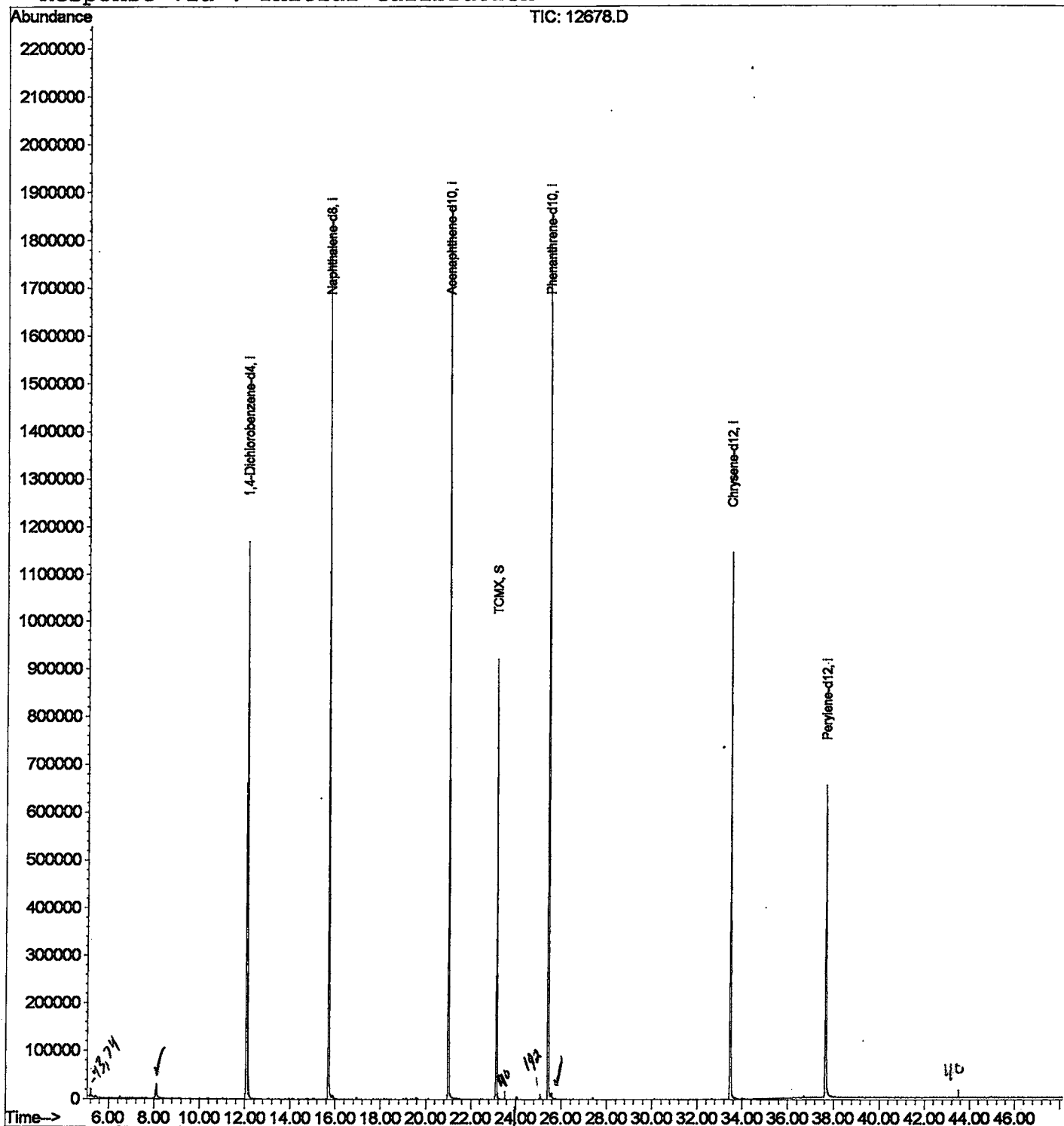
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12678.D
Acq On : 3 Jun 2002 6:03 pm
Sample : gc/ms scan 5/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 4 8:59 2002

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12678.D

Vial: 10

Acq On : 3 Jun 2002 6:03 pm

Operator:

Sample : gc/ms scan 5/31

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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	8.112	331	334	345	rVB	29811	76437	1.98%	0.366%
2	12.069	759	765	784	rBV	1168186	2793247	72.41%	13.376%
3	15.695	1154	1160	1178	rBV	1810264	3782618	98.06%	18.113%
4	20.992	1731	1737	1751	rBV	1871912	3849997	99.80%	18.436%
5	23.131	1961	1970	1978	rBV	920446	1922331	49.83%	9.205%
6	25.427	2213	2220	2231	rBV2	1789616	3857534	100.00%	18.472%
7	25.564	2231	2235	2244	rVB	12579	39415	1.02%	0.189%
8	33.478	3090	3097	3115	rBV2	1145551	2692774	69.81%	12.894%
9	37.655	3545	3552	3567	rBV2	650670	1868934	48.45%	8.949%

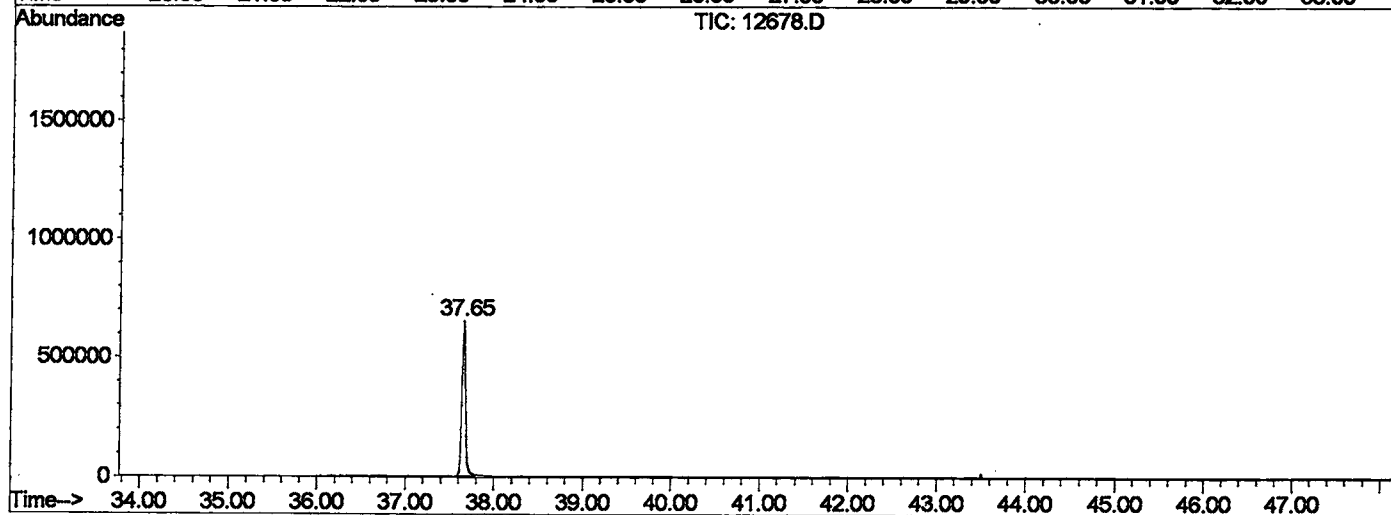
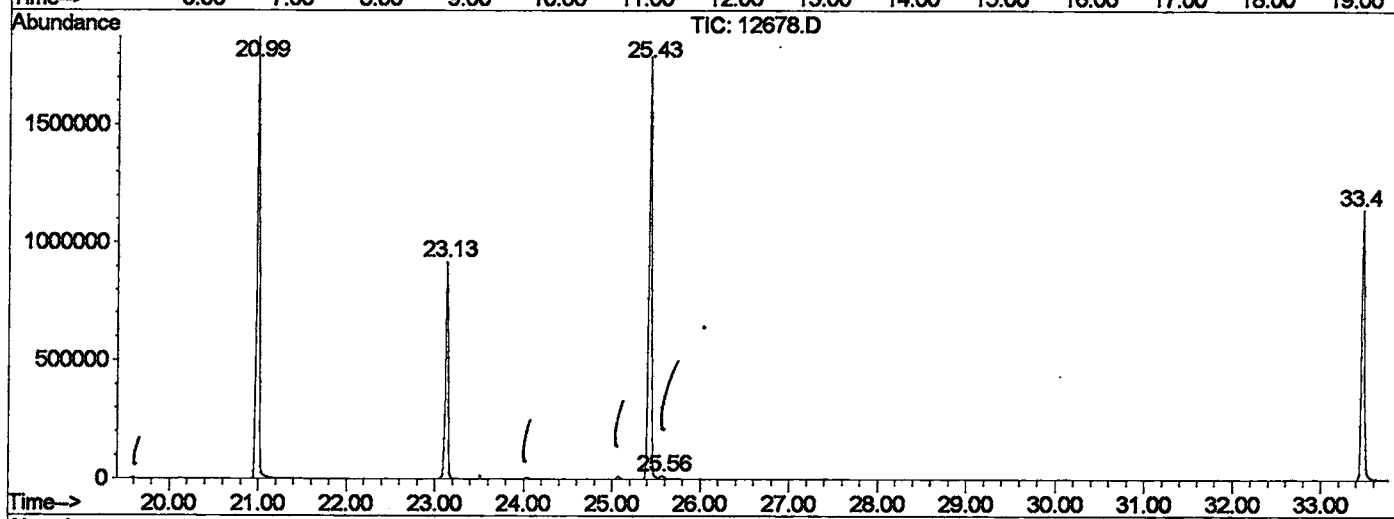
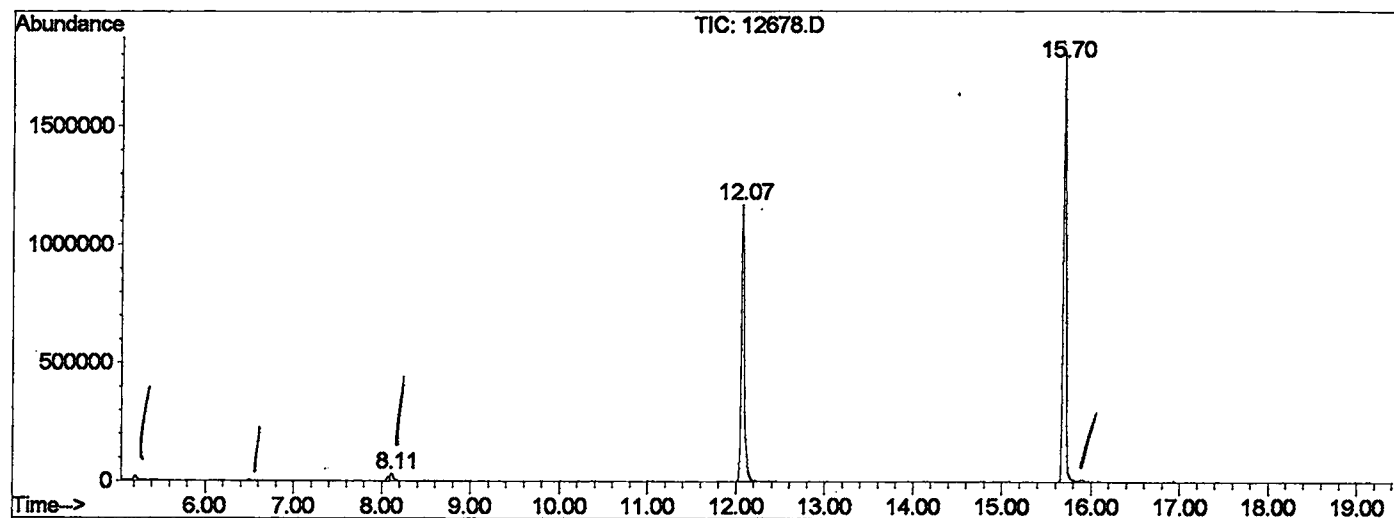
Sum of corrected areas: 20883287

12678.D GCMS0531.M

Tue Jun 04 09:04:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12678.D
 Operator :
 Acquired : 3 Jun 2002 6:03 pm using AcqMethod GCMS0531
 Instrument : 209
 Sample Name: gc/ms scan 5/31
 Misc Info :
 Vial Number: 10
 Quant File :GCMS0531.RES (RTE Integrator)



12678.D GCMS0531.M Tue Jun 04 09:04:02 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12678.D
 Acq On : 3 Jun 2002 6:03 pm
 Sample : gc/ms scan 5/31
 Misc :
 MS Integration Params: LSCINT.P

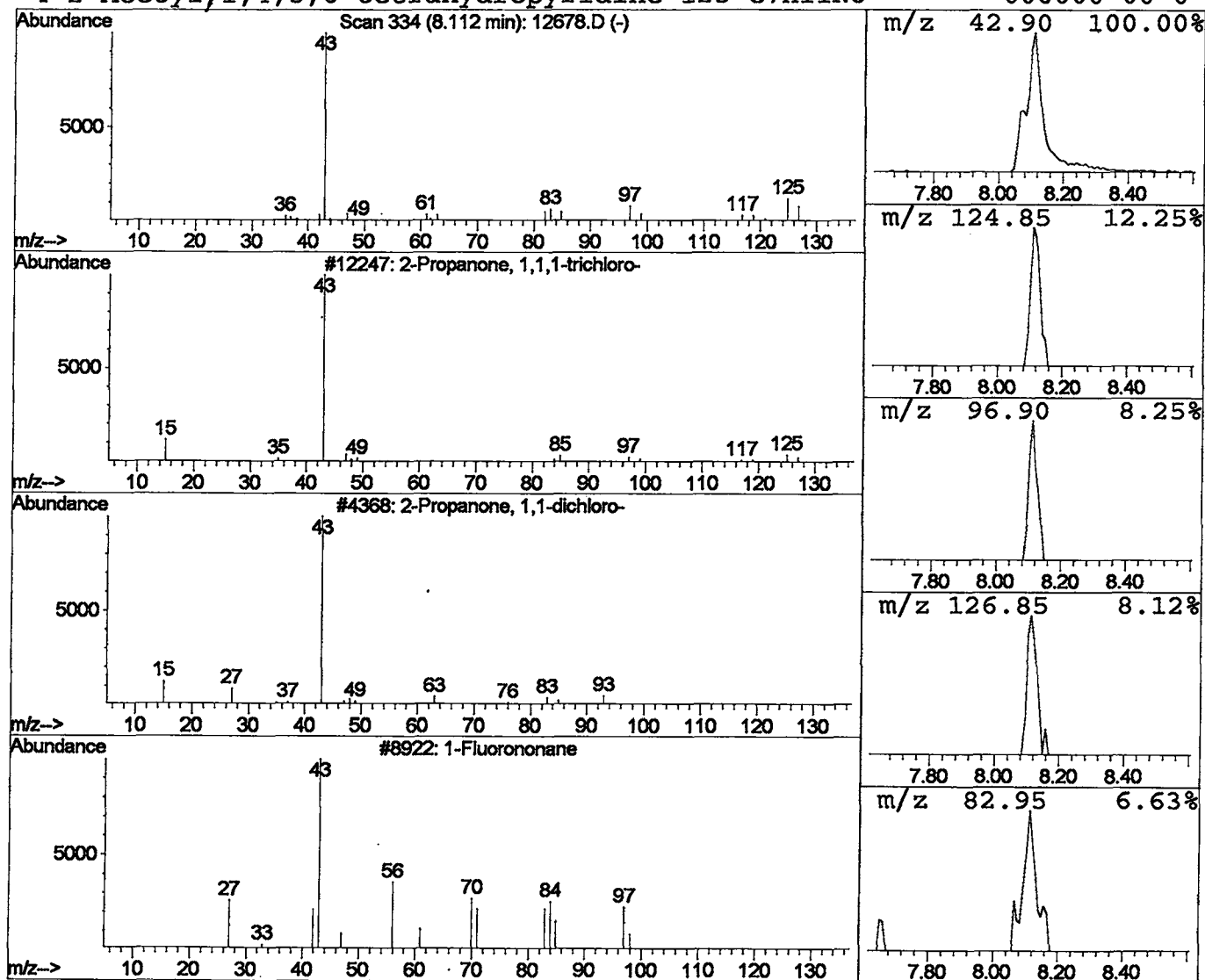
Vial: 10
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	1.09 ug/l	76437	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	23
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12678.D
Acq On : 3 Jun 2002 6:03 pm
Sample : gc/ms scan 5/31
Misc :
MS Integration Params: LSCINT.P

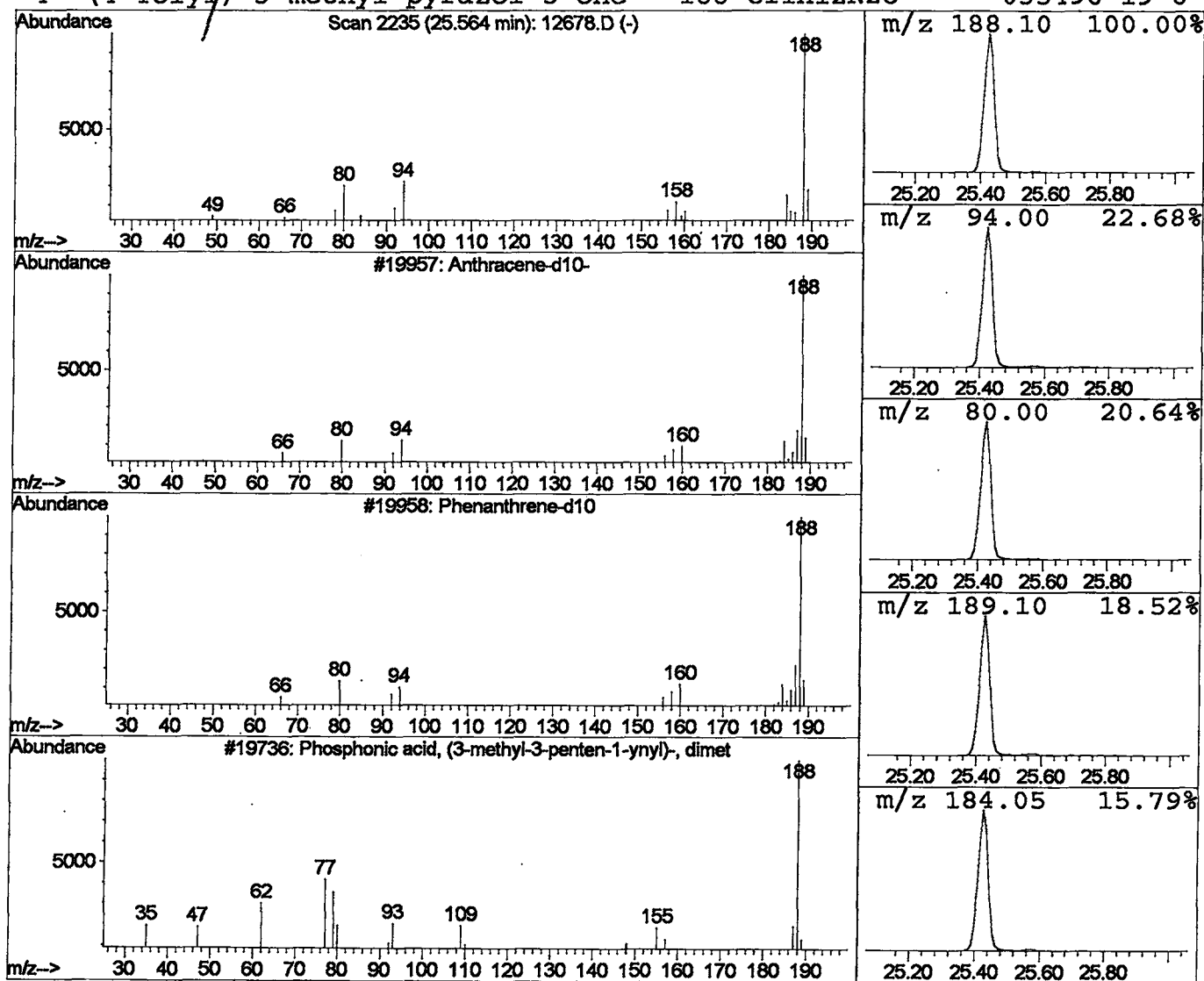
Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	0.41 ug/l	39415	Phenanthrene-d10	25.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	72
2			Phenanthrene-d10	188	C14D10	001517-22-2	72
3			Phosphonic acid, (3-methyl-3-penten	188	C8H13O3P	022152-34-7	40
4			-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Jun 2002 6:03 pm
 Data File: C:\HPCHEM\1\DATA\JUN0302\12678.D
 Name: gc/ms scan 5/31
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0531.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
2-Propanone, 1,1,1-t	8.11	1.1	ug/l	76437	ISTD01	12.07	2793250	40.0
Anthracene-d10-	25.56	0.4	ug/l	39415	ISTD04	25.43	3857530	40.0

12678.D GCMS0531.M Tue Jun 04 09:04:04 2002