

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/06/2001 Time: 12:12:16

Sample: AD24215
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/6/01 11:54 Ended: 11/6/01 11:54 Analyst: MG
 Result source: manual entry
 Page: 1

	Component Name	Qty	Result
1	Other unknown compounds		see comment

Comments for Sample AD24215 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-06-2001 Time: 12:11:34

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.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D
 Acq On : 1 Nov 2001 4:00 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 6 12:16 2001

Vial: 2
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Oct 23 10:12:13 2001
 Response via : Initial Calibration
 DataAcq Meth : NP101901

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	760776	20.00	ug/l	-0.02
19) Naphthalene-d8	15.32	136	3039604	20.00	ug/l	0.00
31) Acenaphthene-d10	20.60	164	1468182	20.00	ug/l	0.00
49) Phenanthrene-d10	25.03	188	2153850m	20.00	ug/l	0.00
59) Chrysene-d12	33.06	240	1552036	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	1155965	20.00	ug/l	0.00

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
6) 2-Chlorophenol-d4	11.71	132	735	0.02	ug/l	0.47
Spiked Amount	75.000		Recovery	=	0.03%	
7) 1,2-Dichlorobenzene-d4	12.23	152	8125	0.28	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.56%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2910	0.04	ug/l	0.12
Spiked Amount	50.000		Recovery	=	0.08%	
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	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-Nitroso-di-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

24215.D NP103001.M Tue Nov 06 12:19:13 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D

Vial: 2

Acq On : 1 Nov 2001 4:00 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 6 12:16 2001

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Oct 23 10:12:13 2001

Response via : Initial Calibration

DataAcq Meth : NP101901

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	15.38	128	402	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	20.20	163	635	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	21.02	165	204	N.D.		
45) Diethylphthalate	22.12	149	209	N.D.		
46) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 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	168	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	25.03	178	767	N.D.		
56) Anthracene	25.03	178	767	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	33.06	228	5511	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.34	149	1318	N.D.		
67) Chrysene	33.06	228	5511	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	36.08	252	107	N.D.		

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D

Acq On : 1 Nov 2001 4:00 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 6 12:16 2001

Vial: 2

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Oct 23 10:12:13 2001

Response via : Initial Calibration

DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0		N.D.	
72) Benzo(a)pyrene	37.16	252	4498		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

24215.D NP103001.M

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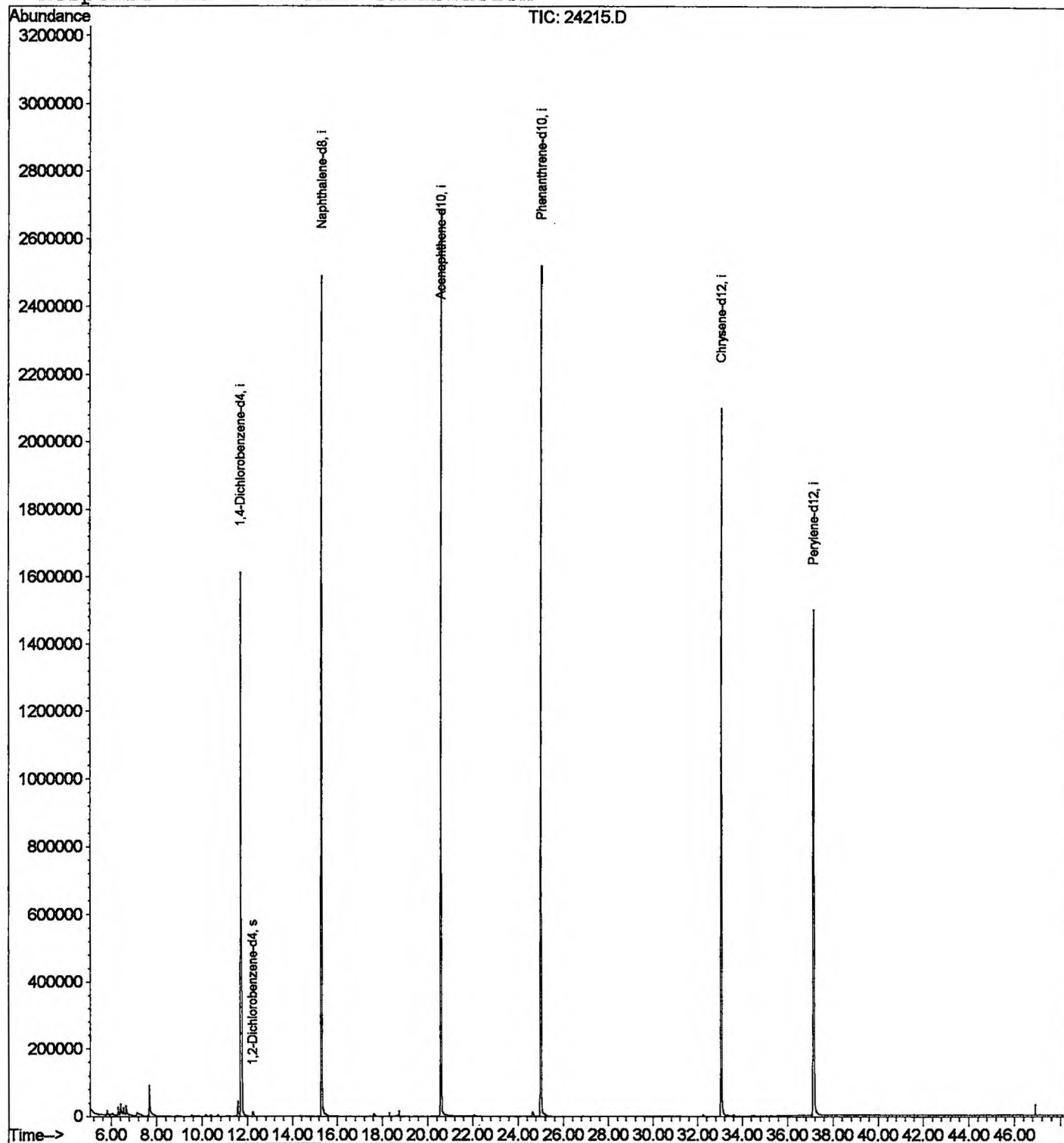
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D
Acq On : 1 Nov 2001 4:00 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 6 12:16 2001

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D
 Acq On : 1 Nov 2001 4:00 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 2
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

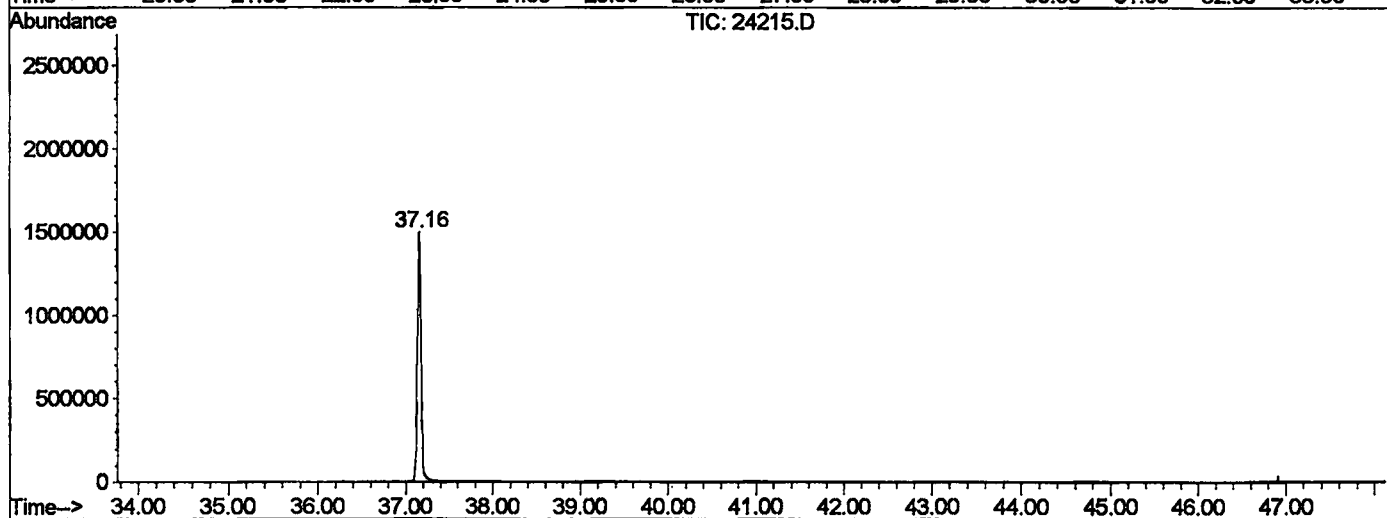
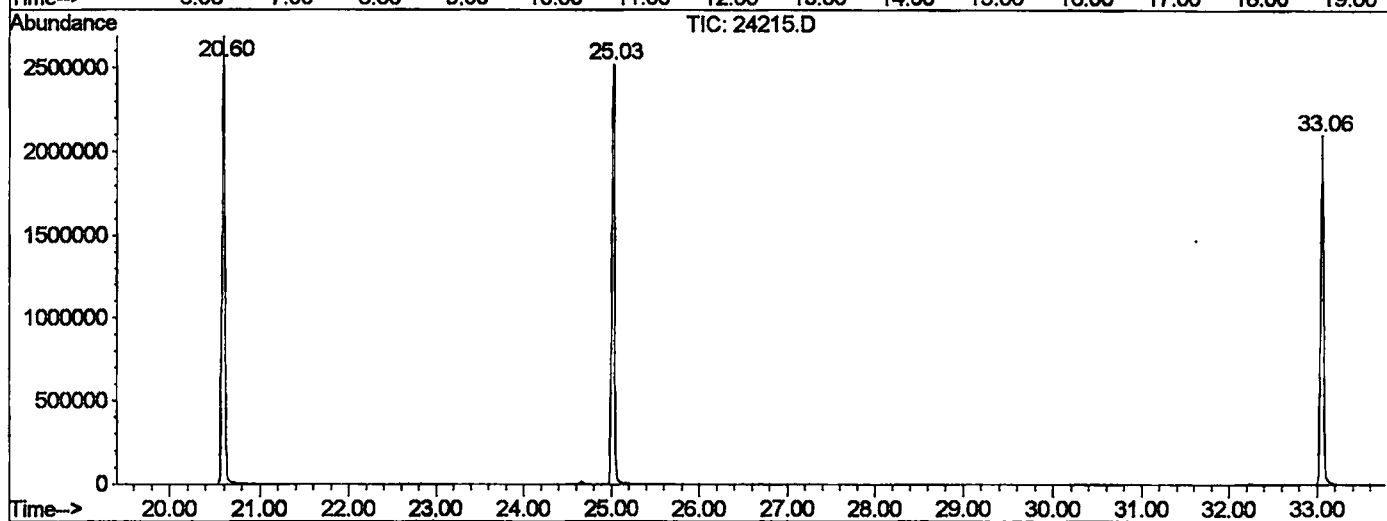
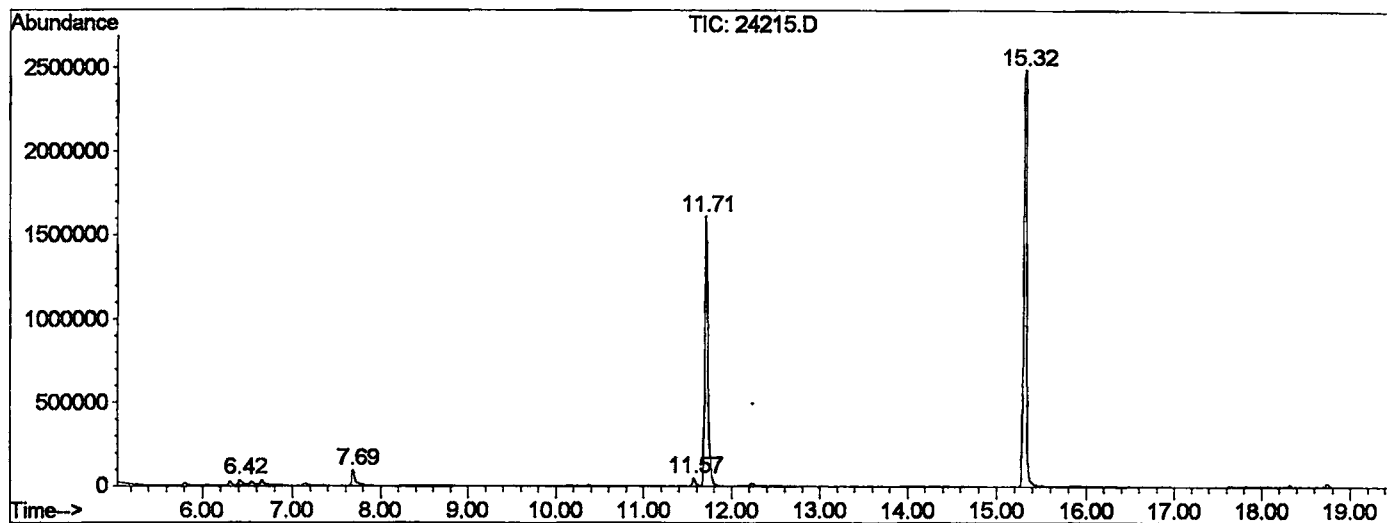
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.419	146	150	160	rVV2	34044	98580	1.69%	0.320%
2	7.685	284	288	303	rBV	91571	259950	4.46%	0.844%
3	11.569	705	711	721	rBV	47060	115158	1.98%	0.374%
4	11.706	721	726	743	rVV	1611134	4065890	69.76%	13.197%
5	15.323	1113	1120	1137	rBV	2492316	5598226	96.05%	18.170%
6	20.602	1688	1695	1712	rBV	2688236	5828523	100.00%	18.918%
7	25.027	2170	2177	2190	rBV	2520388	5517944	94.67%	17.910%
8	33.060	3044	3052	3071	rBV2	2099681	5016635	86.07%	16.283%
9	37.163	3488	3499	3517	rBV2	1497450	4308614	73.92%	13.985%

Sum of corrected areas: 30809520

24215.D NP103001.M Tue Nov 06 11:44:32 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0101\24215.D
 Operator : 209 GALOS
 Acquired : 1 Nov 2001 4:00 pm using AcqMethod NP101901
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 2
 Quant File :NP101901.RES (RTE Integrator)



24215.D NP103001.M Tue Nov 06 11:44:35 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D
 Acq On : 1 Nov 2001 4:00 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

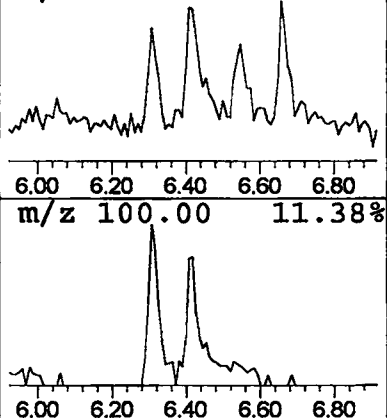
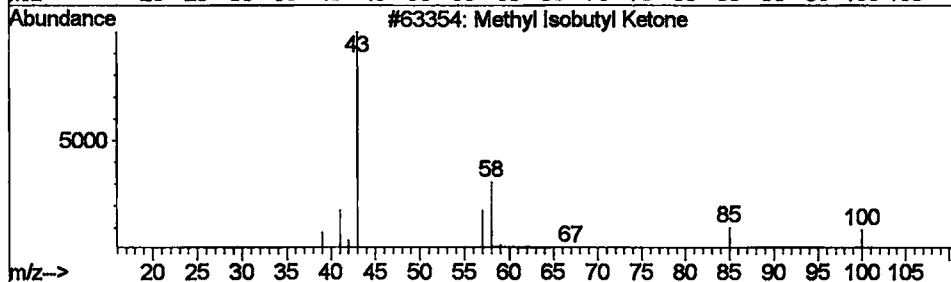
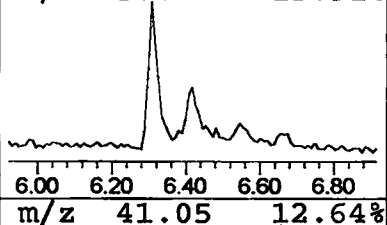
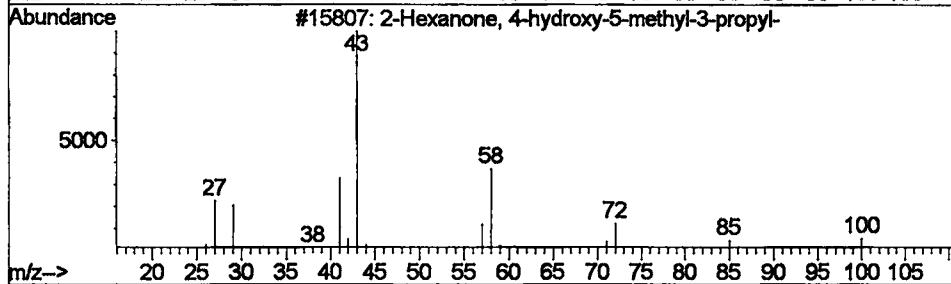
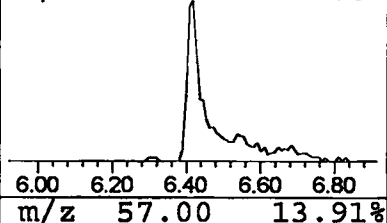
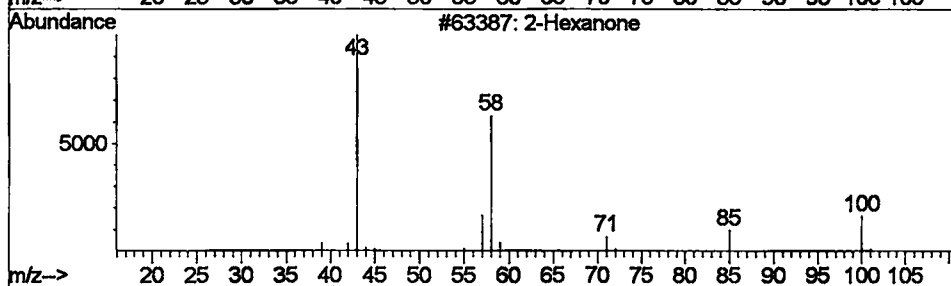
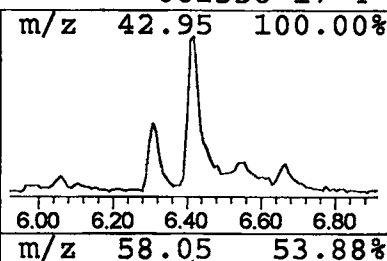
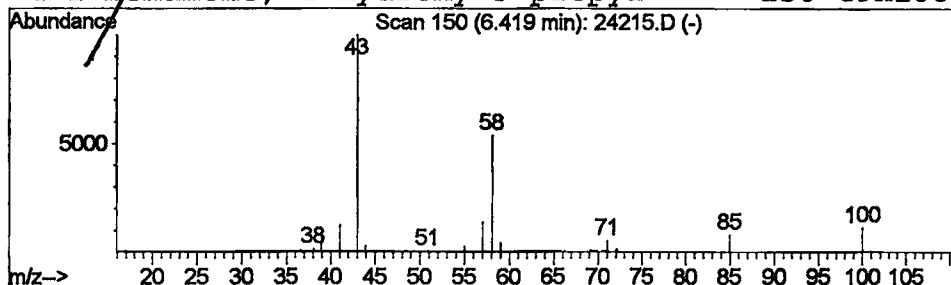
Vial: 2
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.48 ug/l	98580	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	91
2			2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	78
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	50
4			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D

Acq On : 1 Nov 2001 4:00 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 2

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

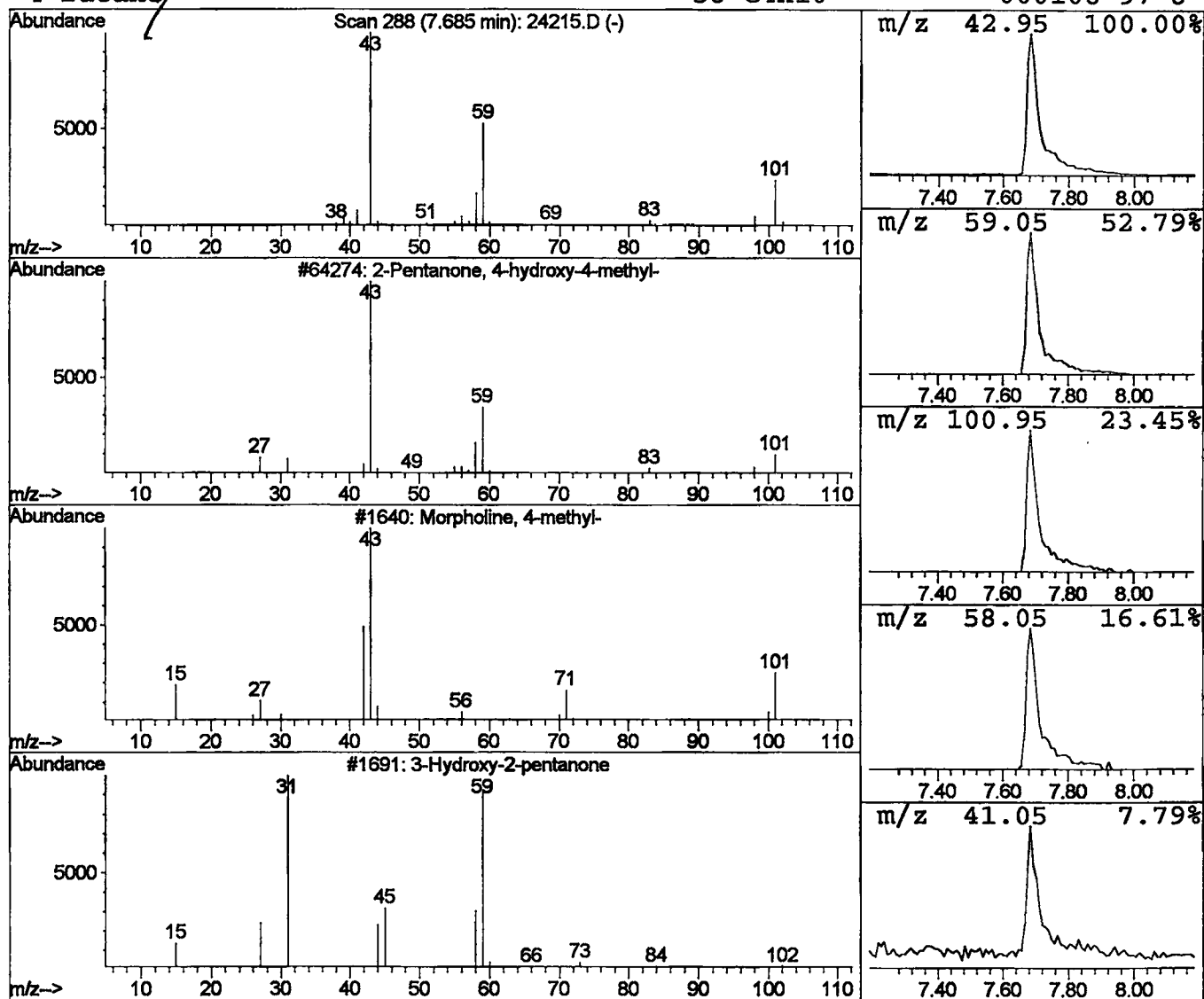
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.28 ug/l	259950	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4			Butane	58	C4H10	000106-97-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24215.D
Acq On : 1 Nov 2001 4:00 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

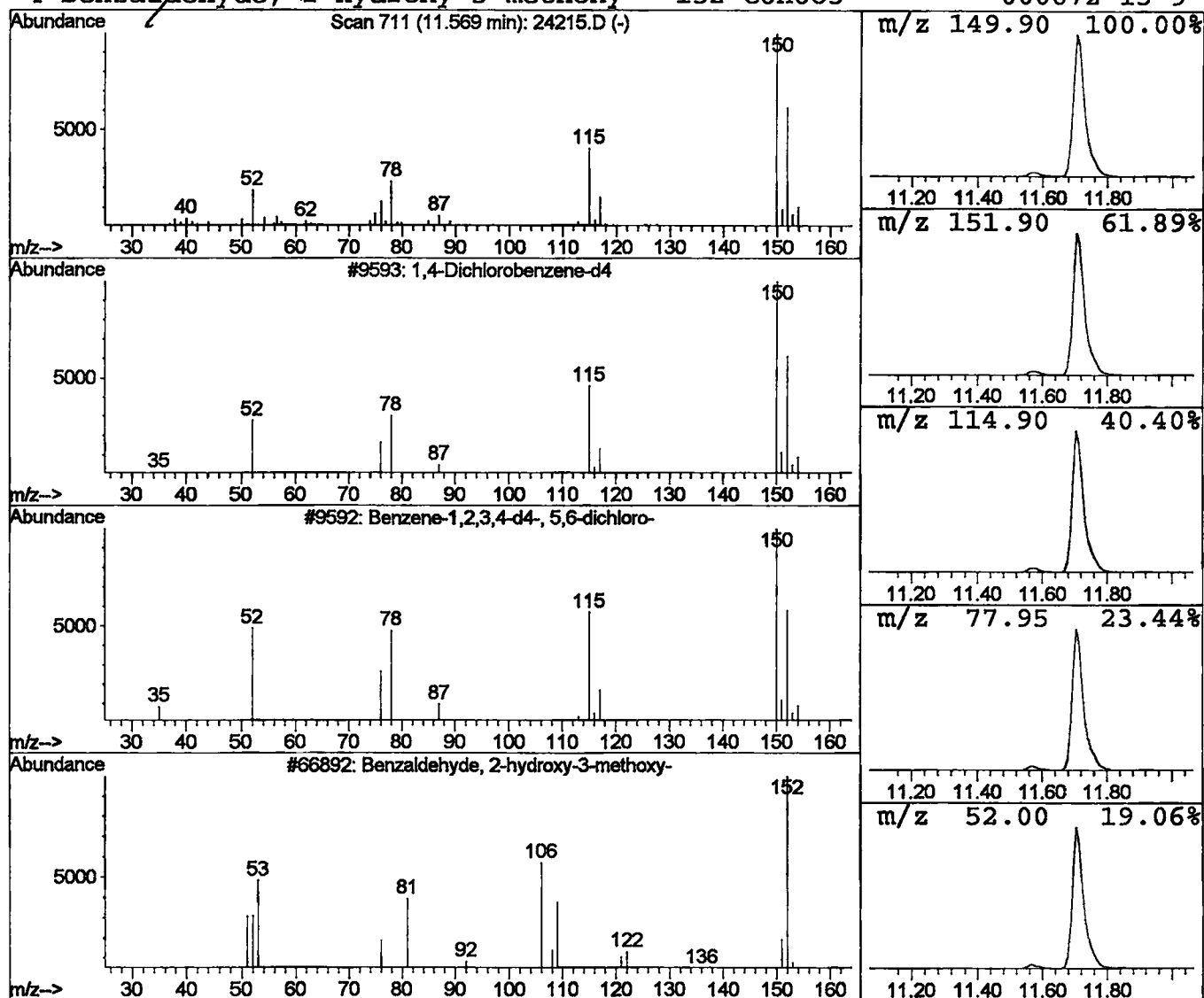
Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.57 ug/l	115158	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	95
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	53
3			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	35
4			Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	10



Library Search Compound Report

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 Acq On : 1 Nov 2001 4:00 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 2
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

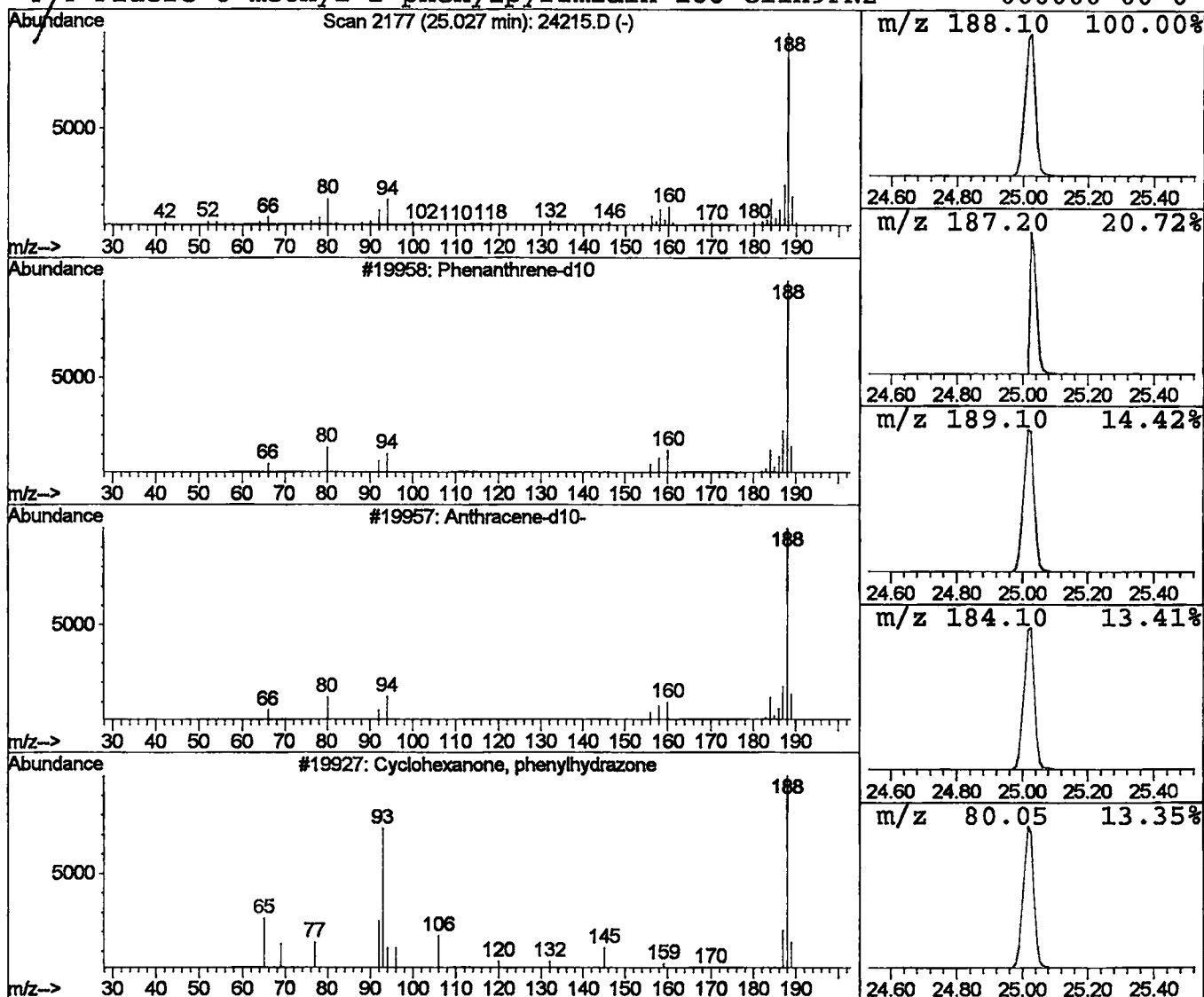
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 Phenanthrene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.03	20.00 ug/l	5517940	Phenanthrene-d10	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	98
2	Anthracene-d10-	188	C14D10	001719-06-8	83
3	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	53
4	4-Fluoro-6-methyl-2-phenylpyrimidin	188	C11H9FN2	000000-00-0	45

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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Nov 2001 4:00 pm
Data File: C:\HPCHEM\1\DATA\NOV0101\24215.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP101901.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-Hexanone	6.42	0.5	ug/l	98580	ISTD01	11.71	4065890	20.0
2-Pentanone, 4-hydro	7.69	1.3	ug/l	259950	ISTD01	11.71	4065890	20.0
1,4-Dichlorobenzene-	11.57	0.6	ug/l	115158	ISTD01	11.71	4065890	20.0
Phenanthrene-d10	25.03	20.0	ug/l	5517940	ISTD04	25.16	5517940	20.0

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