User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/06/2001 Time: 12:13:19

Sample: AD24216
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/6/01 12:12 Ended: 11/6/01 12:12 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

collected 10/2 by TSU
Batch A100301
Bronx

called 11/8/1 3 pm

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24216.D Vial: 3
Acq On : 1 Nov 2001 4:58 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 11:28 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	619662	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2513847	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1254606	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	1888729	20.00	ug/l	-0.01
59) Chrysene-d12	33.06	240	1383899	20.00	ug/l	-0.01
68) Perylene-d12	37.16	264	1030903	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	11.70	132	197	0.01	ug/l	0.46
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.23	152	6780	0.29	ug/l	-0.01
Spiked Amount 50.000			Recovery =	0.58%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.74	172	2549	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	29.92	244	185	0.00	ug/l	-0.02
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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24216.D Vial: 3
Acq On : 1 Nov 2001 4:58 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 11:28 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	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	20.87	165	490	N.D.	
45)	Diethylphthalate	0.00	149	0	N.D.	
46)	4-Chlorophenyl-phenylether	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	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	25.02	178	669	N.D.	
56)	Anthracene	25.02	178	669	N.D.	
57)	Di-n-butylphthalate	27.02	149	7515	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	31.54	149	1742	N.D.	
65)	Benzo(a)anthracene	33.06	228	5308	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	26459	0.27 ug/l	96
67)	Chrysene	33.13	228	4151	N.D.	
69)	Di-n-Octylphthalate	35.07	149	35251	N.D.	
70)	Benzo(b)fluoranthene	36.08	252	25143	0.31 ug/l	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24216.D Vial: 3
Acq On : 1 Nov 2001 4:58 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 11:28 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
71) Benzo(k)fluoranthene	36.14	252	36182	0.45 ug/l	99
72) Benzo(a)pyrene	36.98	252	7442	N.D.	
73) Indeno(1,2,3-cd)pyrene	40.86	276	31048	0.46 ug/l	92
74) Dibenz(a,h)anthracene	40.92	278	27589	0.54 ug/l	96
75) Benzo(g,h,i)perylene	41.95	276	25449	0.44 ug/l	97

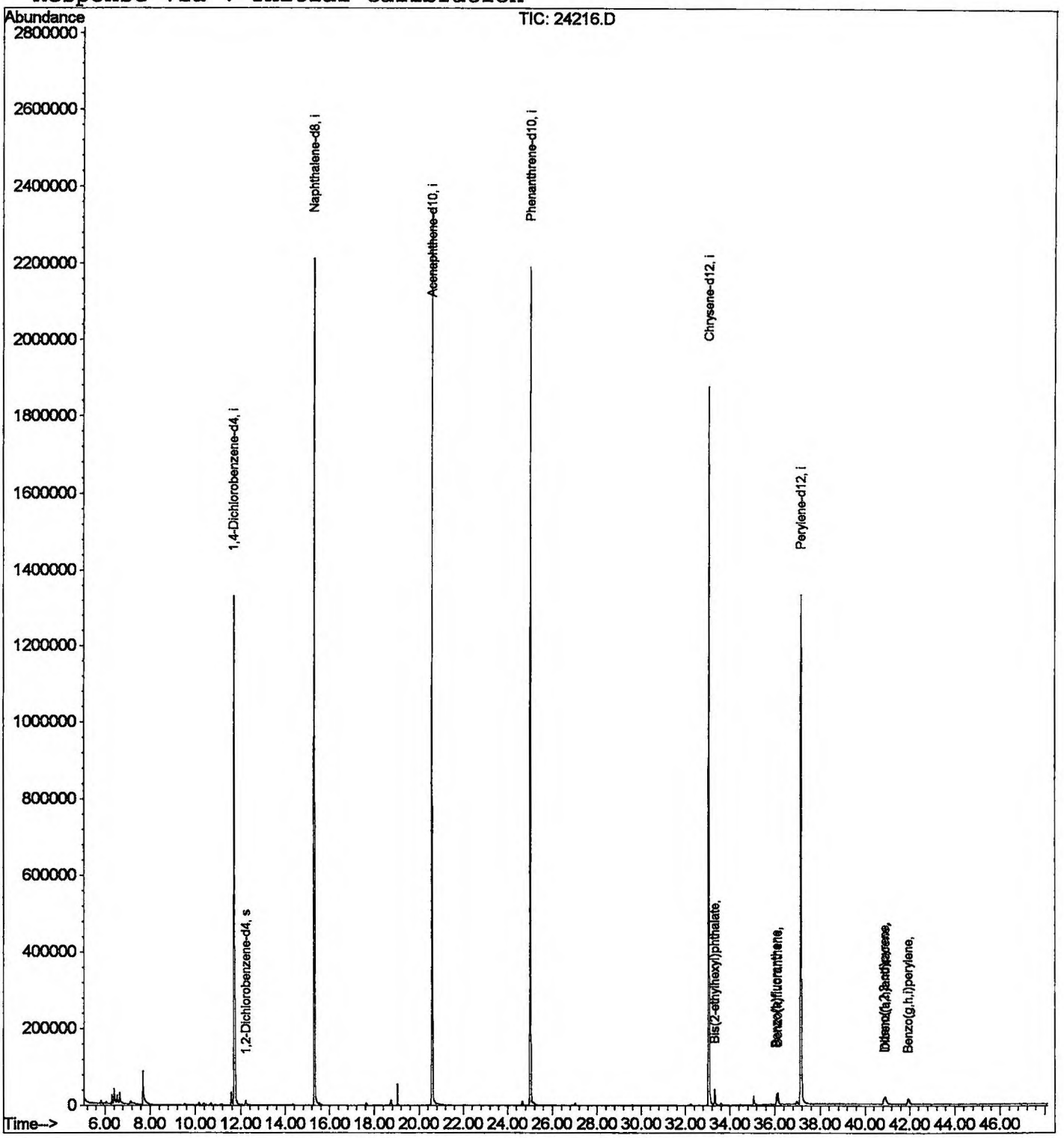
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24216.D
Acq On : 1 Nov 2001 4:58 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 6 11:28 2001

Vial: 3
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\24216.D Vial: 3
Acq On : 1 Nov 2001 4:58 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP103001.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

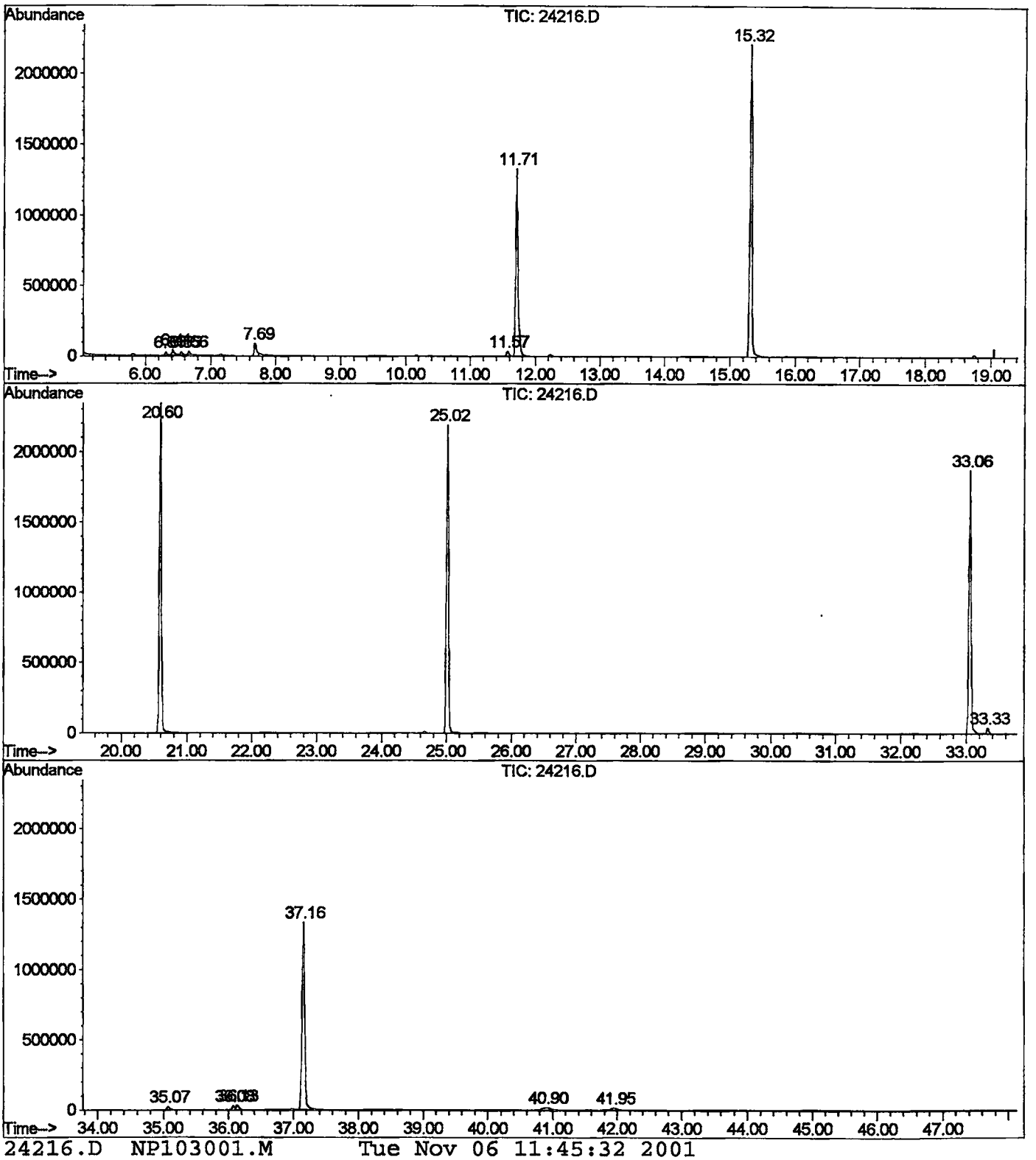
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.313	134	138	144	rBV	24961	50786	1.02%	0.188%
2	6.414	146	149	159	rVV2	39830	100243	2.01%	0.371%
3	6.552	160	164	172	rVV	21730	51854	1.04%	0.192%
4	6.662	172	176	185	rVV	26035	56921	1.14%	0.211%
5	7.690	284	288	293	rBV	87142	208660	4.19%	0.772%
6	11.573	707	711	720	rBV	35582	88213	1.77%	0.327%
7	11.711	720	726	750	rVV	1330506	3326239	66.72%	12.312%
8	15.319	1113	1119	1136	rBV	2212772	4635372	92.98%	17.157%
9	20.598	1687	1694	1710	rBV	2344618	4985265	100.00%	18.452%
10	25.022	2169	2176	2187	rBV	2190989	4744819	95.18%	17.562%
11	33.055	3044	3051	3068	rBV2	1877050	4416578	88.59%	16.347%
12	33.331	3074	3081	3089	rVB	40713	91127	1.83%	0.337%
13	35.066	3266	3270	3281	rBV	24798	66869	1.34%	0.248%
14	36.076	3376	3380	3383	rBV	27459	62085	1.25%	0.230%
15	36.131	3383	3386	3398	rVB	29914	90180	1.81%	0.334%
16	37.159	3488	3498	3513	rBV2	1334058	3818550	76.60%	14.134%
17	40.904	3891	3906	3916	rBV9	18303	139936	2.81%	0.518%
18	41.951	4009	4020	4033	rBV2	14552	83365	1.67%	0.309%

Sum of corrected areas: 27017062

24216.D NP103001.M Tue Nov 06 11:45:30 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0101\24216.D
Operator : 209 GALOS
Acquired : 1 Nov 2001 4:58 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 3
Quant File :NP101901.RES (RTE Integrator)



24216.D NP103001.M Tue Nov 06 11:45:32 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24216.D
Acq On : 1 Nov 2001 4:58 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

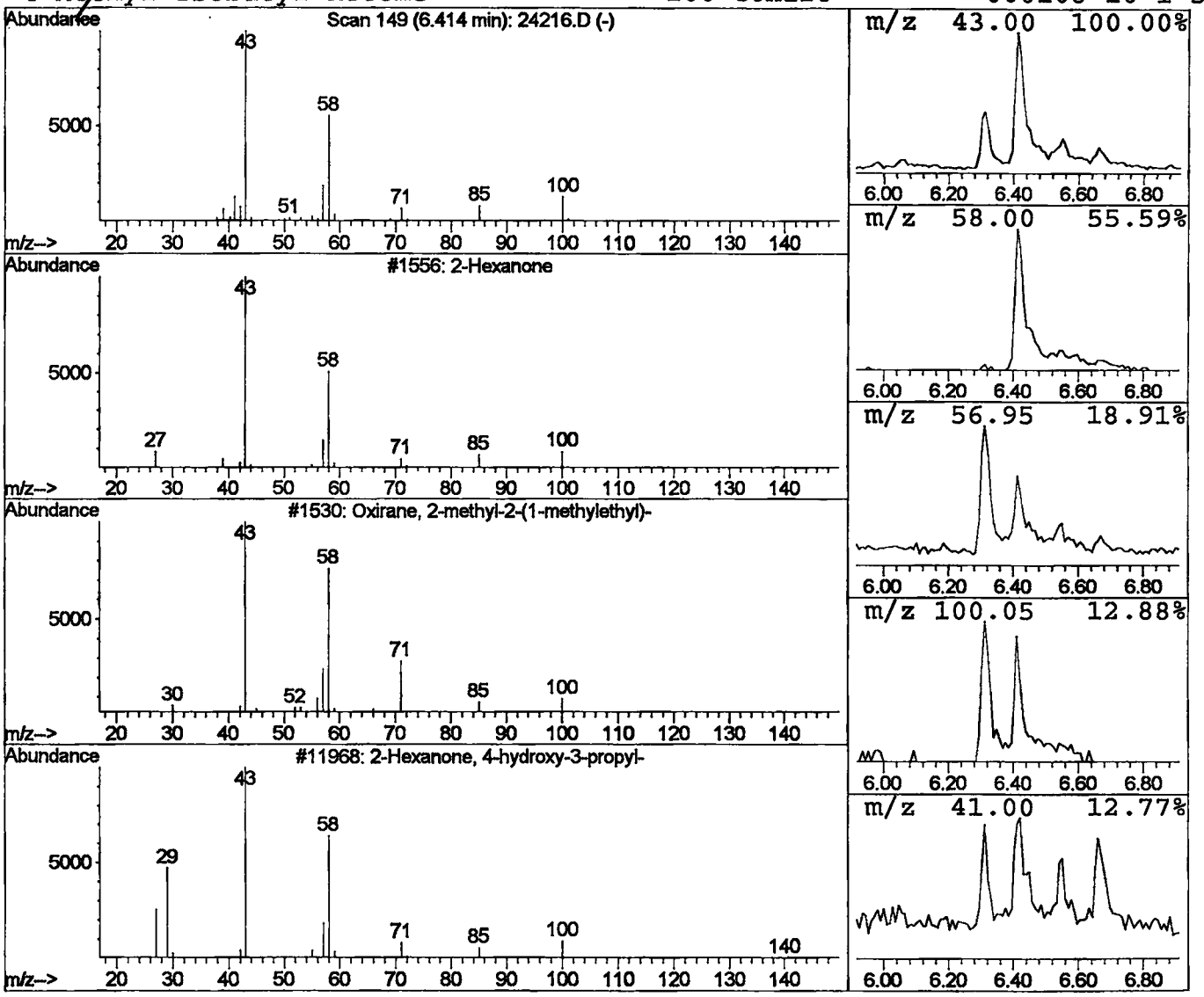
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	0.60 ug/l	100243	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	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	78
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24216.D
Acq On : 1 Nov 2001 4:58 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

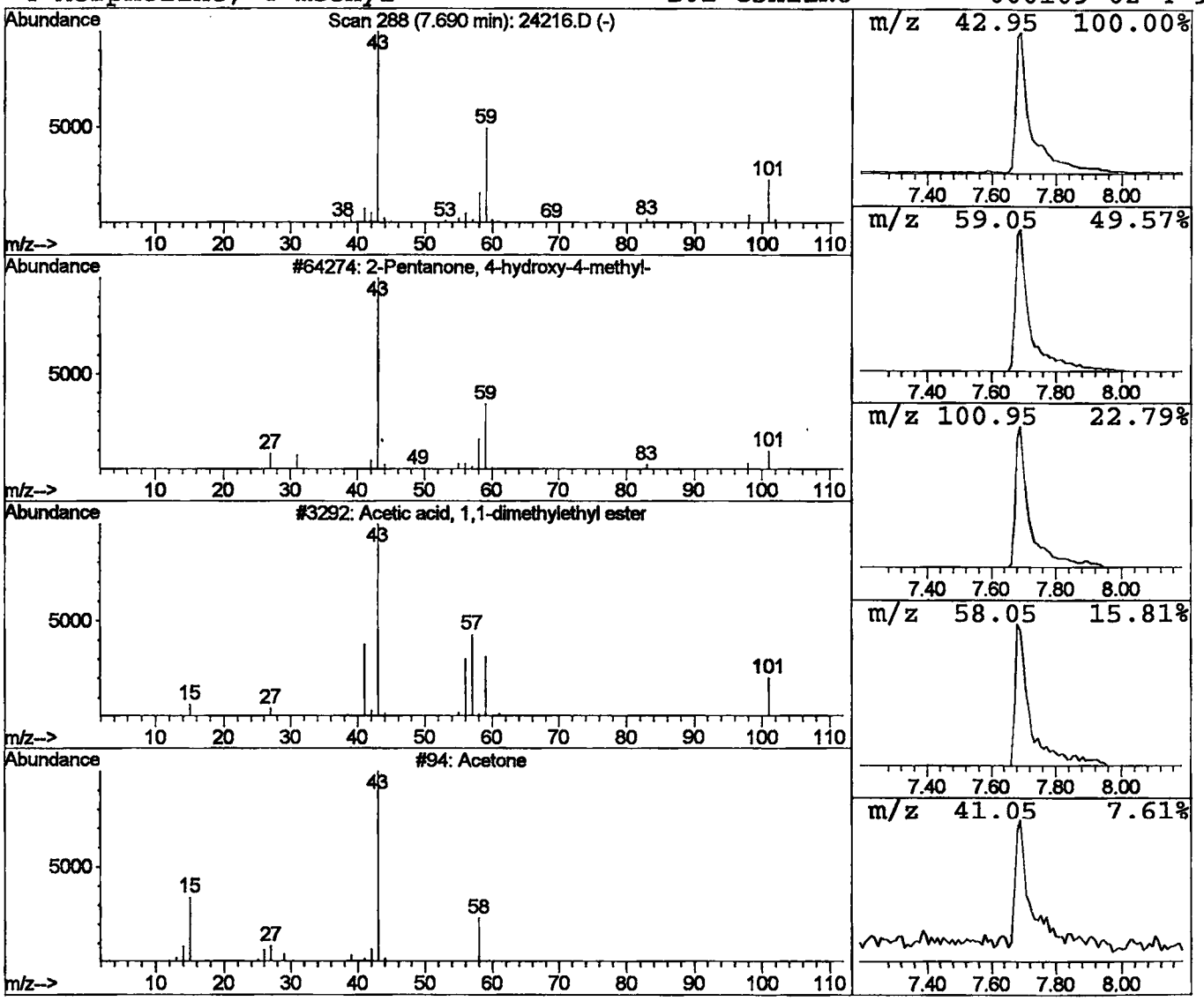
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.25 ug/l	208660	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	72
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24216.D
Acq On : 1 Nov 2001 4:58 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

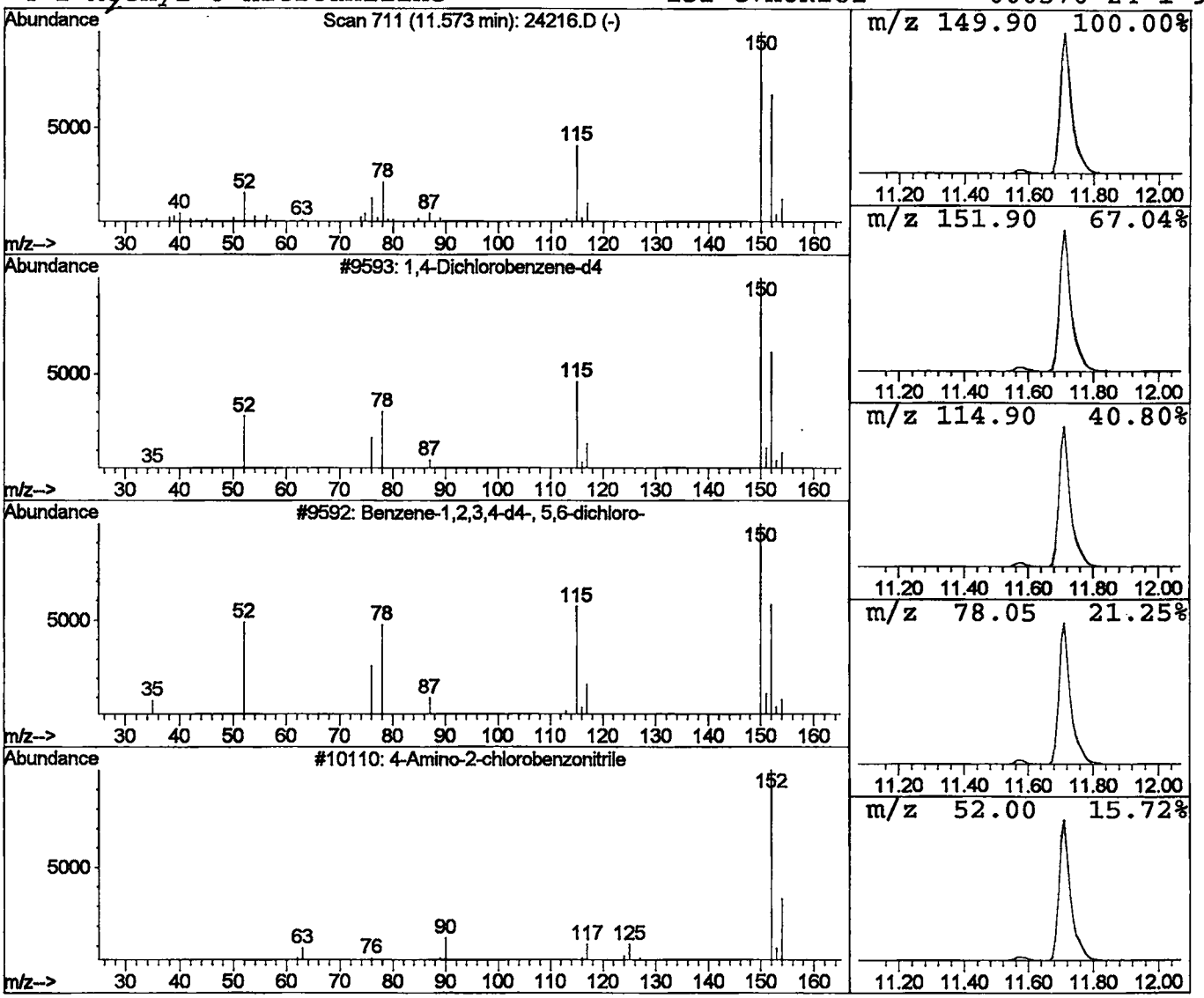
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.53 ug/l	88213	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	38
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	27
3	4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	9
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Nov 2001 4:58 pm
Data File: C:\HPCHEM\1\DATA\NOV0101\24216.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	6.41	0.6	ug/l	100243	ISTD01	11.71	3326240	20.0
2-Pentanone, 4-hydro	7.69	1.3	ug/l	208660	ISTD01	11.71	3326240	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	88213	ISTD01	11.71	3326240	20.0

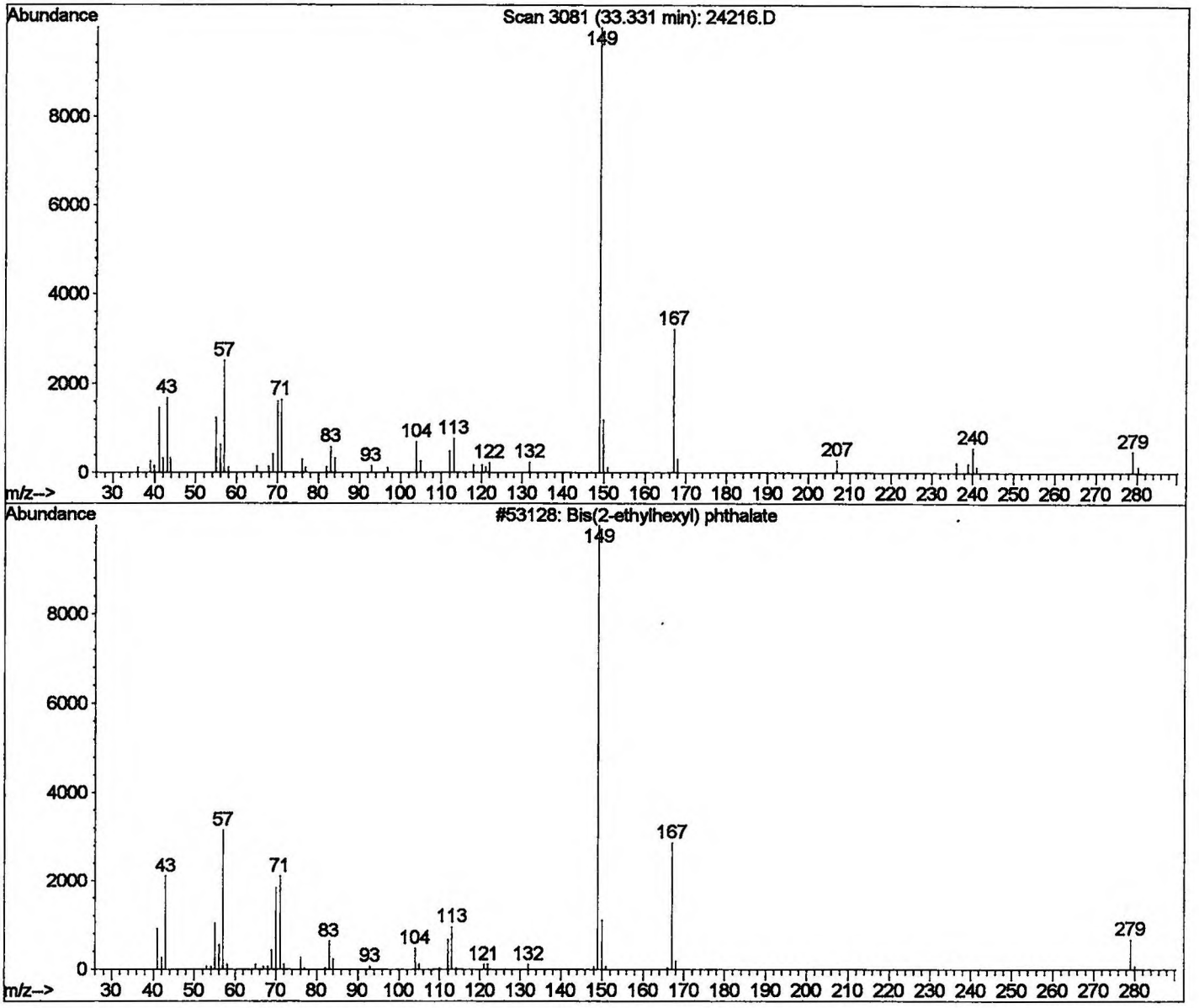
24216.D NP103001.M Tue Nov 06 11:45:41 2001

Comments for Sample AD24216 - Analysis $GCMS

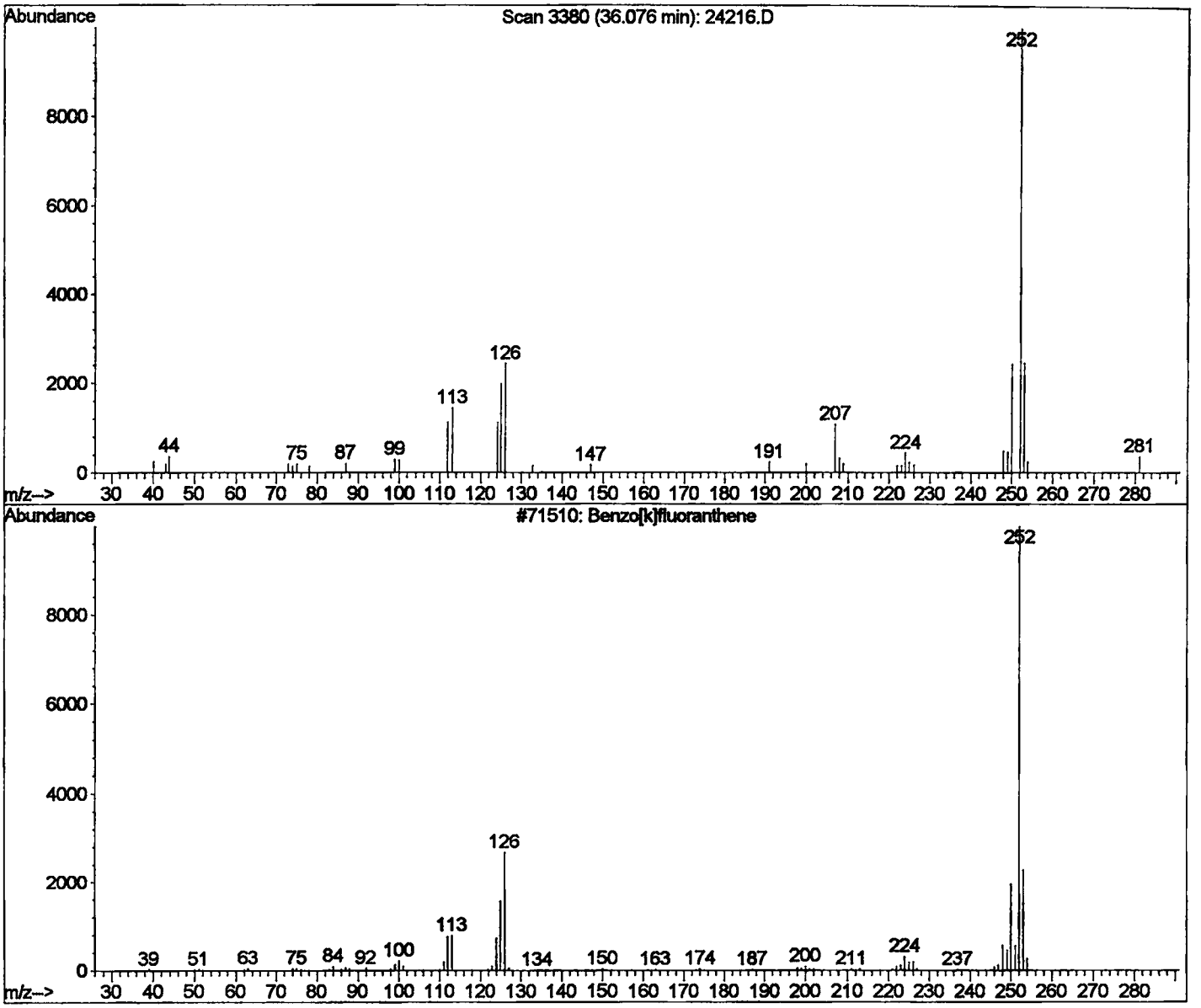
Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-07-2001 Time: 14:31:02

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer reveals the presence of the following compounds with estimated levels:
bis(2-Ethylhexyl)phthalate - 0.27 ug/L
Benzo(b)fluoranthene - 0.31 ug/L
Benzo(k)fluoranthene - 0.45 ug/L
Indeno(1,2,3-cd)pyrene - 0.46 ug/L
Dibenz(a,h)anthracene - 0.54
Benz0(g,h,i)perylene - 0.44 ug/L

Library Searched : C:\DATABASE\nbs75k.l
Quality : 87
ID : Bis(2-ethylhexyl) phthalate



Library Searched : C:\DATABASE\nbs75k.l
Quality : 96
ID : Benzo[k]fluoranthene



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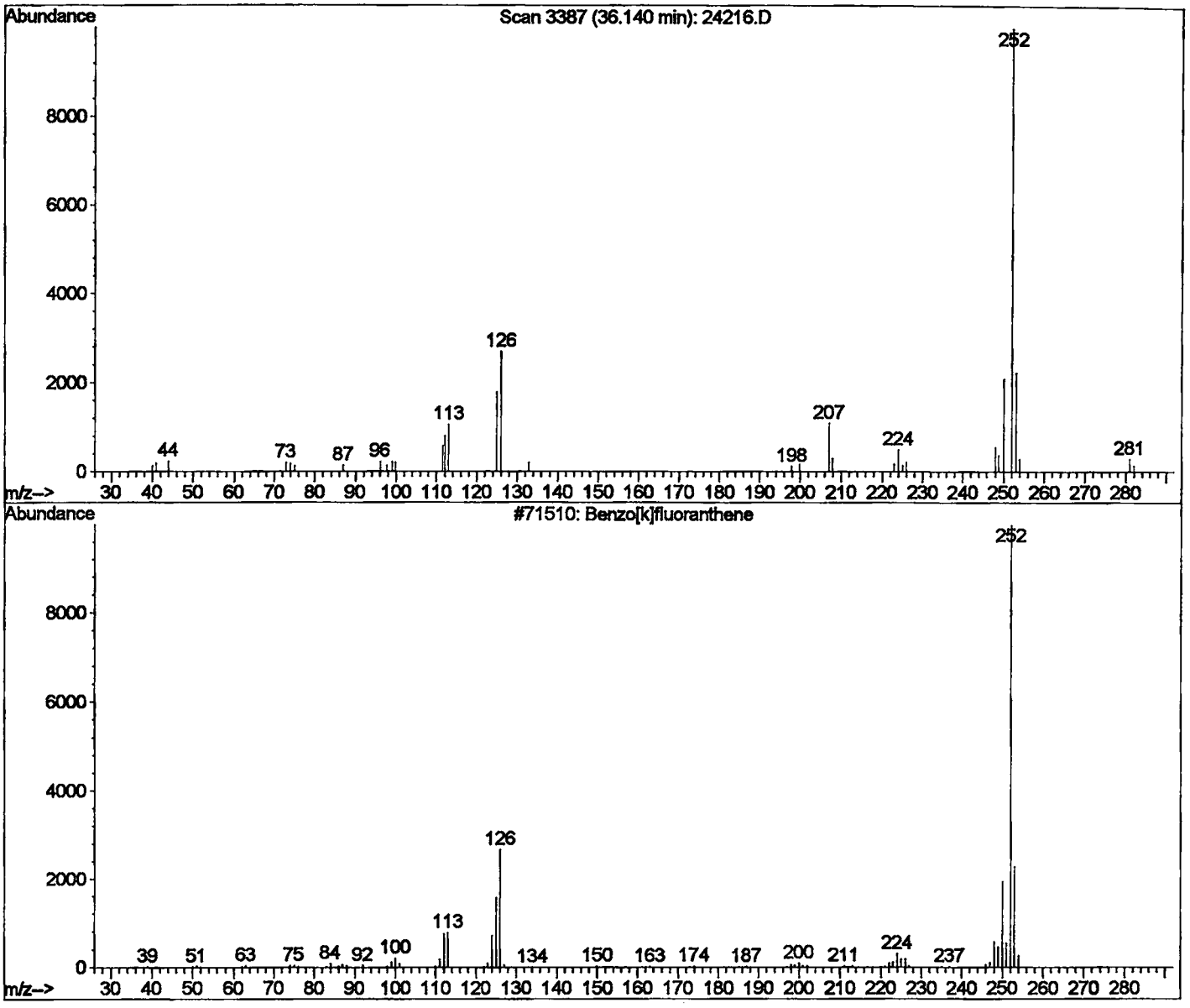
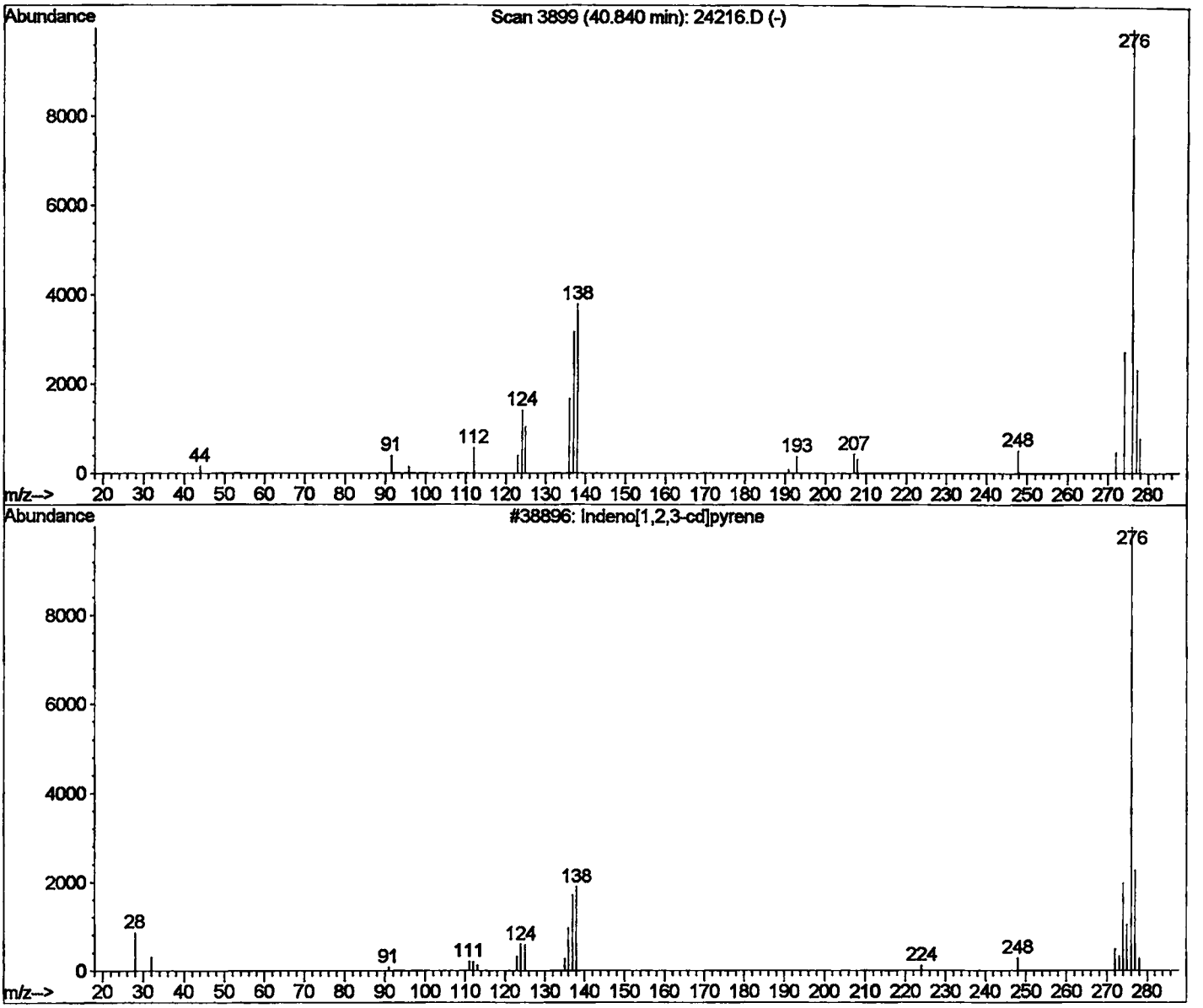
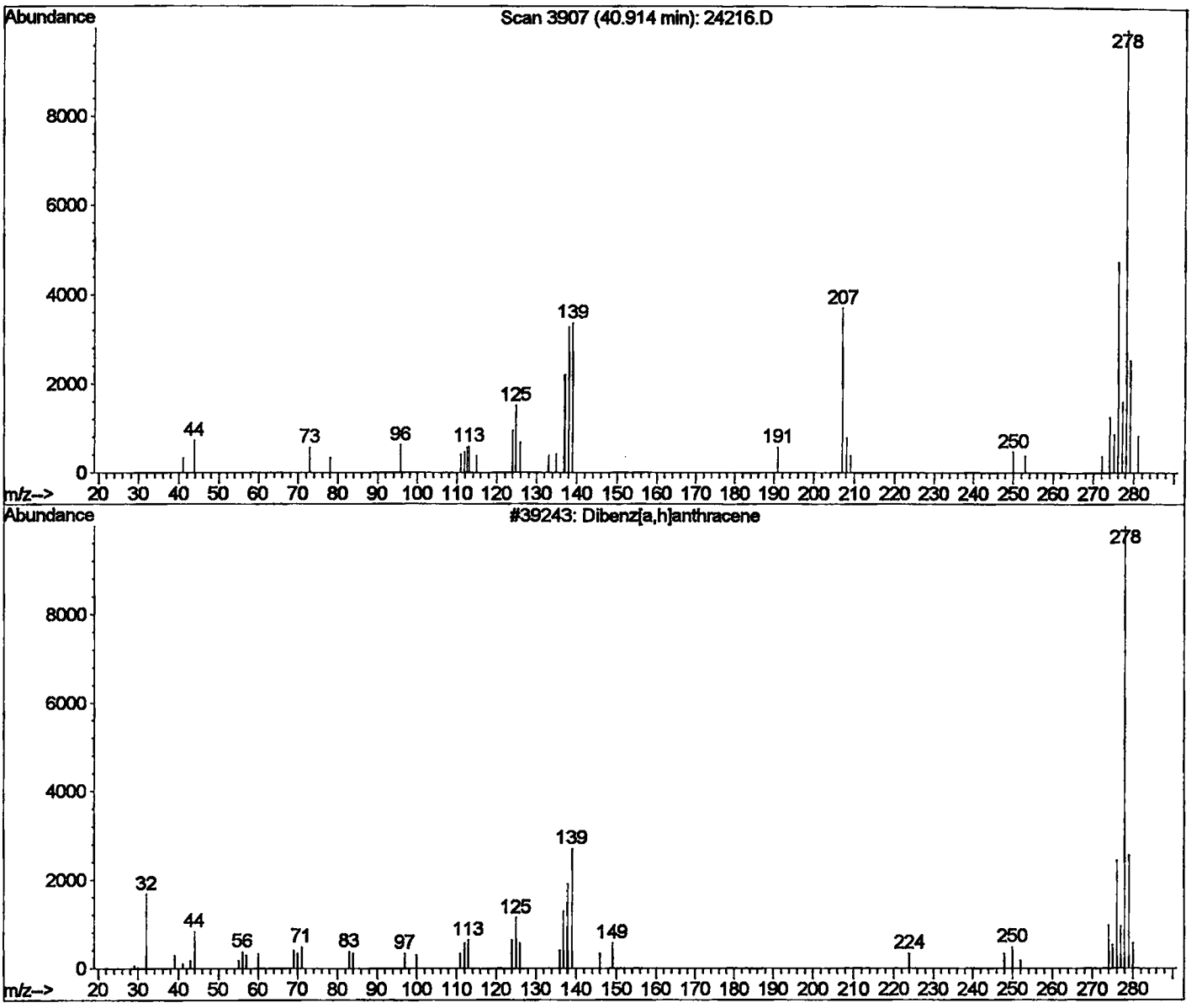
Quality : 94
ID : Benzo[k]fluoranthene



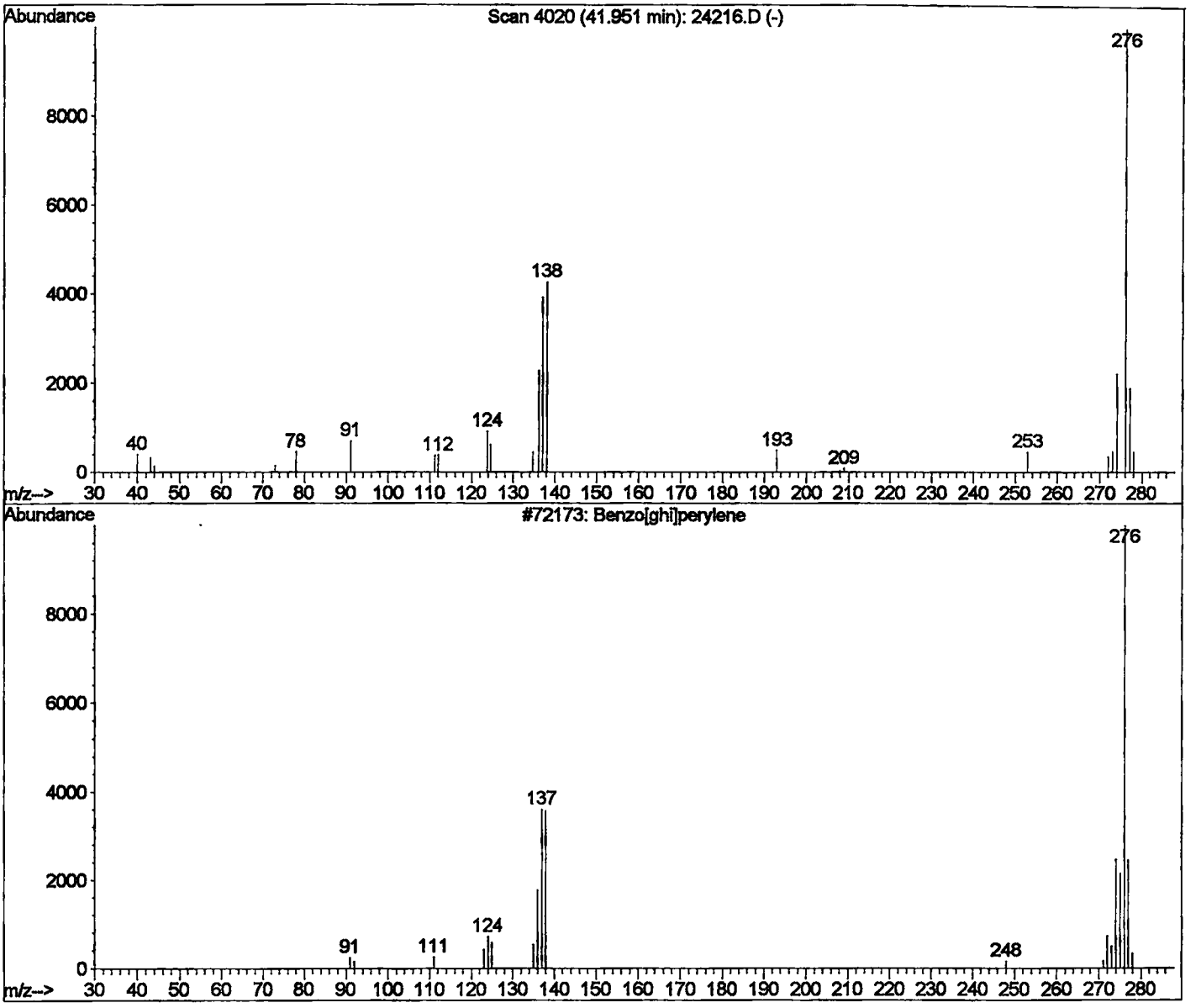
Library Searched : C:\DATABASE\nbs75k.l
Quality : 64
ID : Indeno[1,2,3-cd]pyrene



Library Searched : C:\DATABASE\nbs75k.l
Quality : 91
ID : Dibenz[a,h]anthracene



Library Searched : C:\DATABASE\nbs75k.l
Quality : 64
ID : Benzo[ghi]perylene



Comments for Sample AD24216 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-07-2001 Time: 14:31:02

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer reveals the presence of the following compounds with estimated levels:
bis(2-Ethylhexyl)phthalate - 0.27 ug/L
Benzo(b)fluoranthene - 0.31 ug/L
Benzo(k)fluoranthene - 0.45 ug/L
Indeno(1,2,3-cd)pyrene - 0.46 ug/L
Dibenz(a,h)anthracene - 0.54
Benz0(g,h,i)perylene - 0.44 ug/L