

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000274.D
 Acq On : 20 Jan 2015 22:11
 Operator : TP/IZ
 Sample : G1102-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AD5

Quant Time: Jan 21 02:45:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 21 02:17:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	147282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	554218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	345532	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	698252	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	739808	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	753805	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	13757	5.42	ng/uL	0.00
5) Phenol-d5	6.98	99	295445	23.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	211847	27.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	224271	24.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	223549	22.68	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	114682	29.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	113054	28.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	212400	24.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	254600	25.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	664639	26.08	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	850737	27.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	91049	21.95	ng/ul	0.00
57) Fluorene-d10	15.45	176	581857	26.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	73288	22.15	ng/ul	0.00
70) Anthracene-d10	17.30	188	872868	27.03	ng/ul	0.00
76) Pyrene-d10	19.60	212	932737	27.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	816693	23.87	ng/ul	0.00

Target Compounds

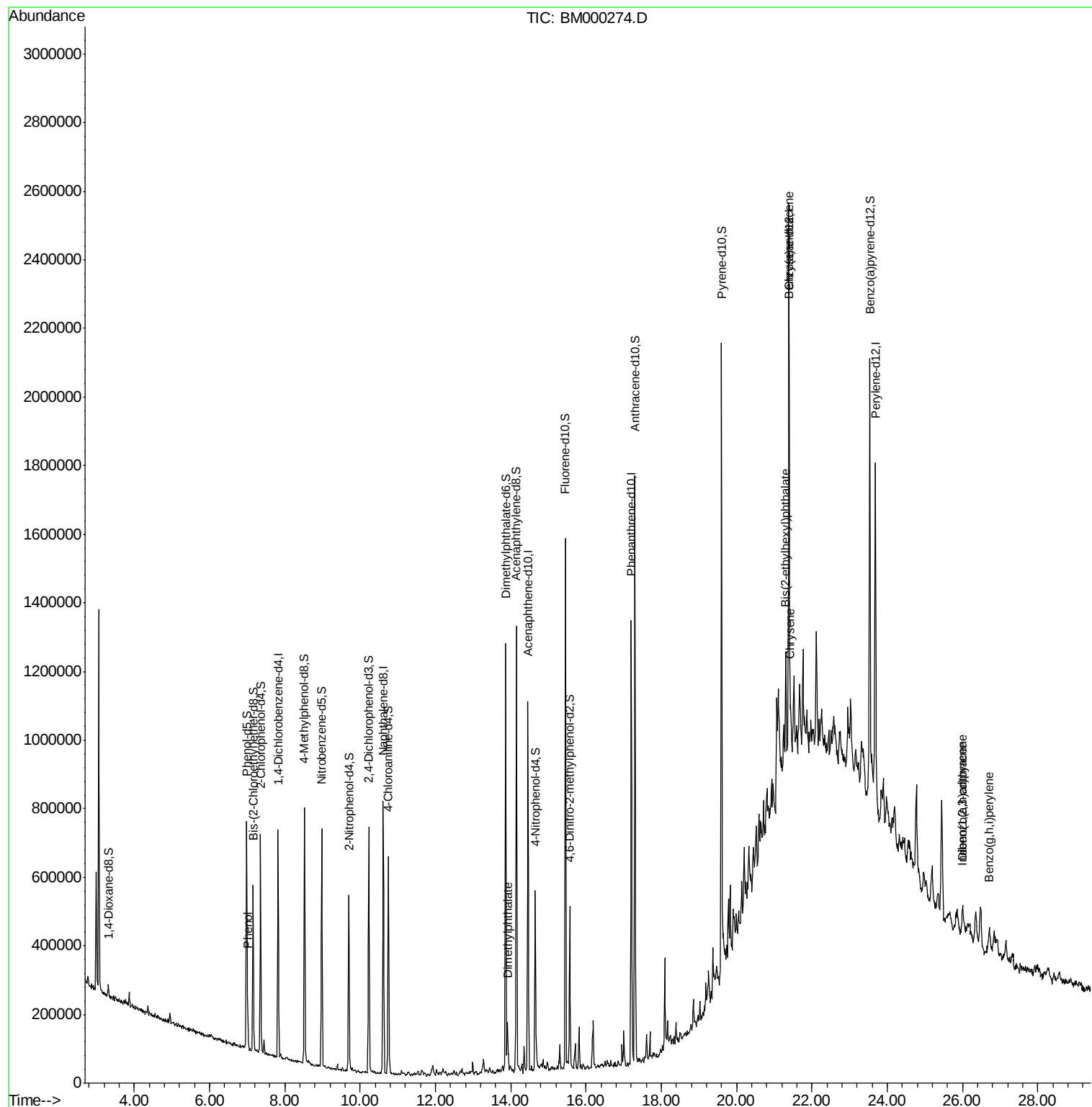
						Qvalue
6) Phenol	7.01	94	44328	3.39	ng/ul	87
44) Dimethylphthalate	13.91	163	65158	2.57	ng/ul	96
80) Benzo(a)anthracene	21.37	228	54136	1.27	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.30	149	39506	1.50	ng/ul#	90
82) Chrysene	21.42	228	50902	1.29	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	57949	1.31	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.01	278	46947	1.26	ng/ul#	81
91) Benzo(g,h,i)perylene	26.71	276	49976	1.38	ng/ul	97

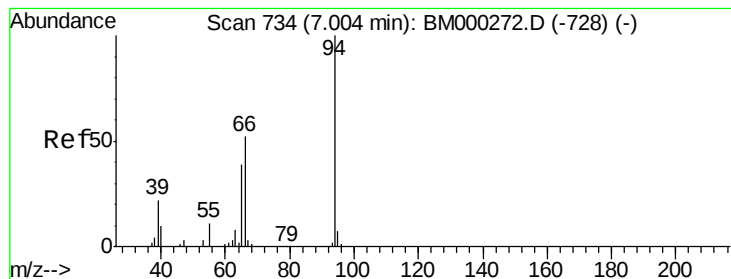
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.39 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. 0.01 min

Lab File: BM000274.D

Acq: 20 Jan 2015 22:11

Instrument :
ClientSampled :
C0AD5

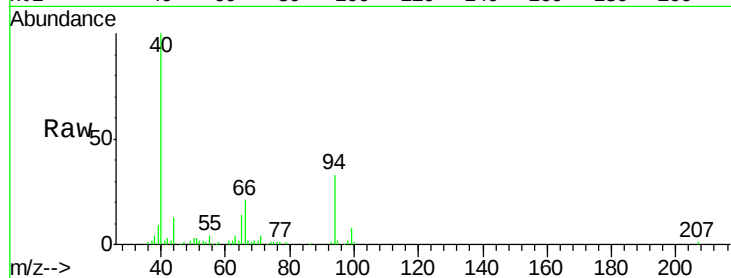
Tgt Ion: 94 Resp: 44328

Ion Ratio Lower Upper

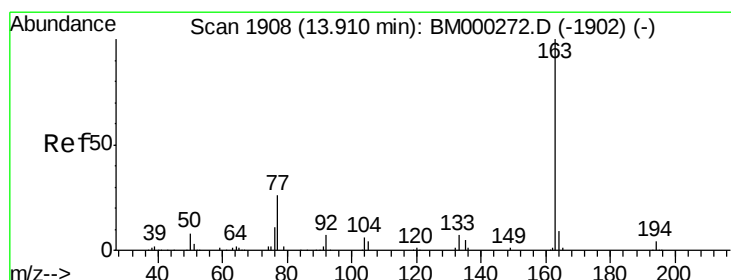
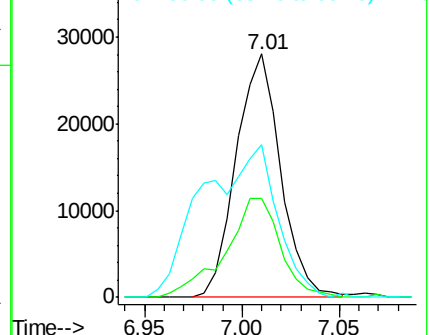
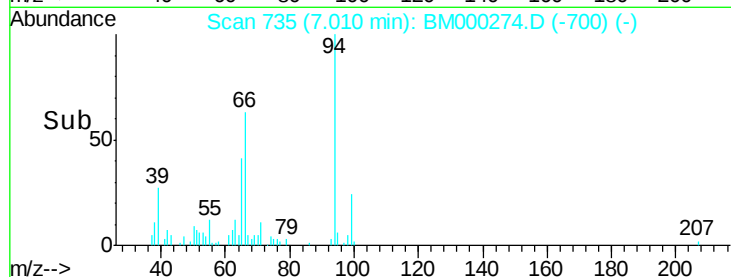
94 100

65 40.8 27.4 41.0

66 62.6 42.5 63.7



Abundance Ion 94.00 (93.70 to 94.70): BM000274.D (-700) (-)



#44

Dimethylphthalate

Concen: 2.57 ng/ul

RT: 13.91 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BM000274.D

Acq: 20 Jan 2015 22:11

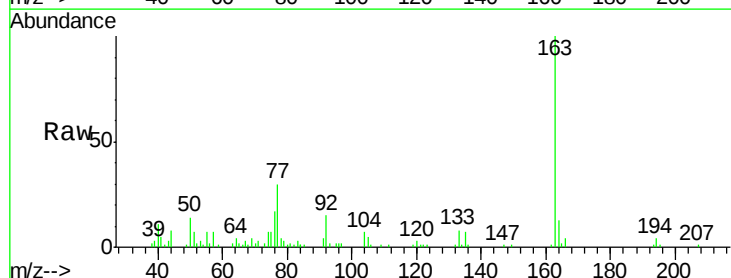
Tgt Ion:163 Resp: 65158

Ion Ratio Lower Upper

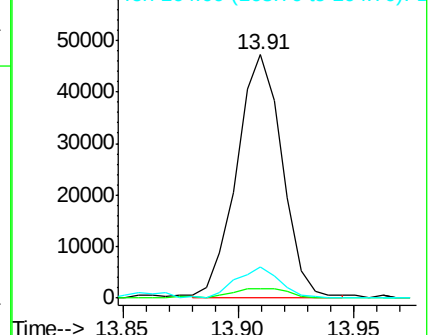
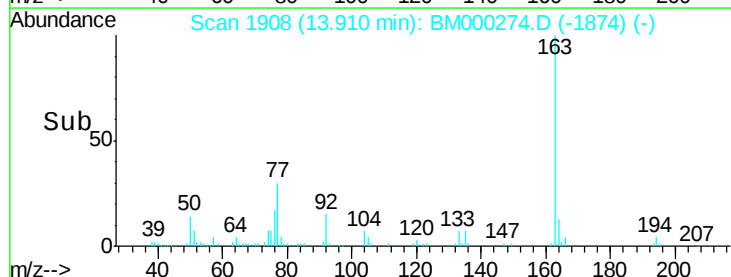
163 100

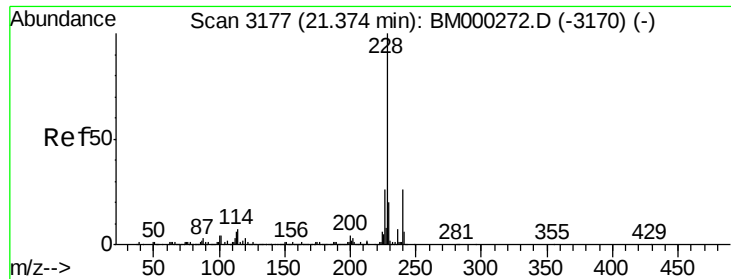
194 3.7 3.0 4.4

164 12.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): BM000274.D (-1874) (-)





#80

Benzo(a)anthracene

Concen: 1.27 ng/ul

RT: 21.37 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BM000274.D

Acq: 20 Jan 2015 22:11

Instrument :

ClientSampleId :

C0AD5

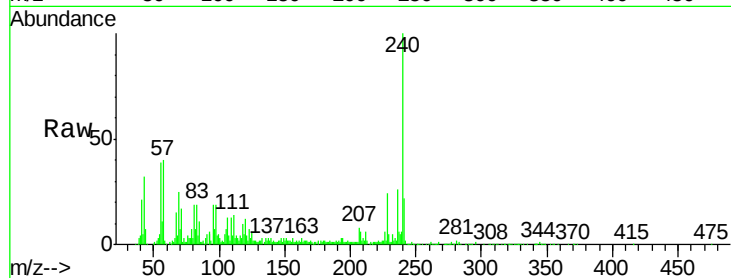
Tgt Ion:228 Resp: 54136

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

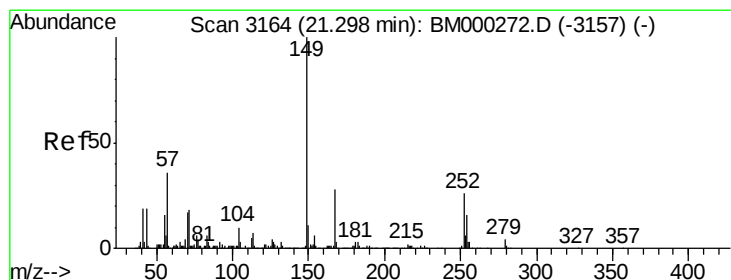
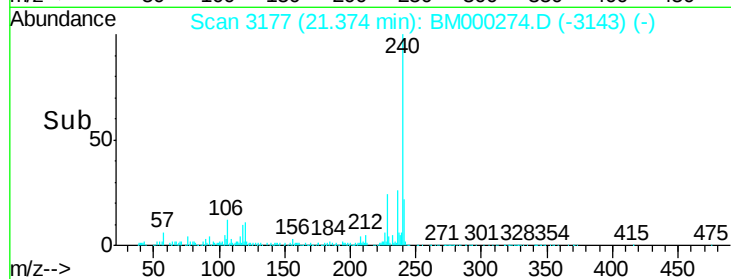
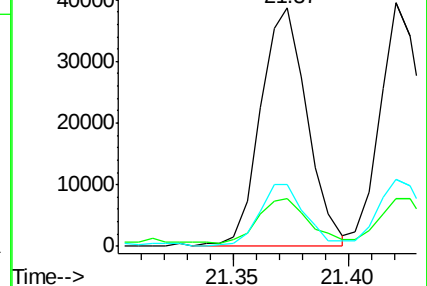
226 25.8 20.7 31.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.50 ng/ul

RT: 21.30 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM000274.D

Acq: 20 Jan 2015 22:11

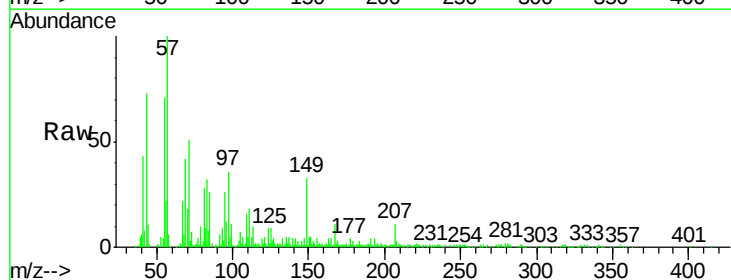
Tgt Ion:149 Resp: 39506

Ion Ratio Lower Upper

149 100

167 33.0 22.1 33.1

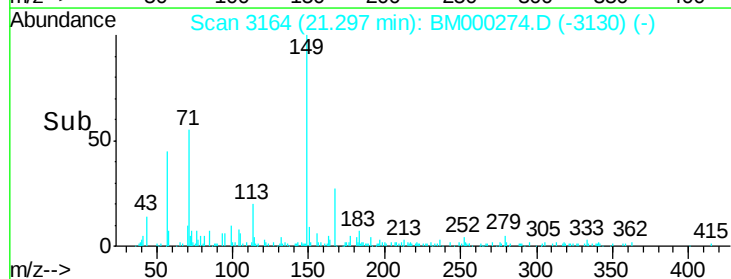
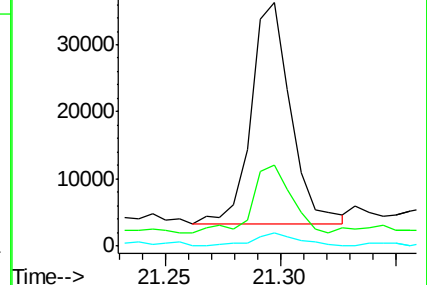
279 5.5 3.0 4.6#

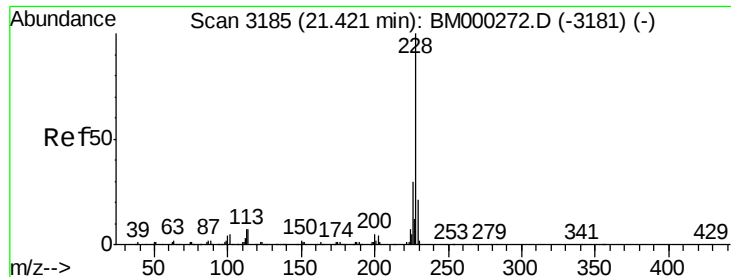


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.29 ng/ul

RT: 21.42 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BM000274.D

Acq: 20 Jan 2015 22:11

Instrument :

ClientSampled :

C0AD5

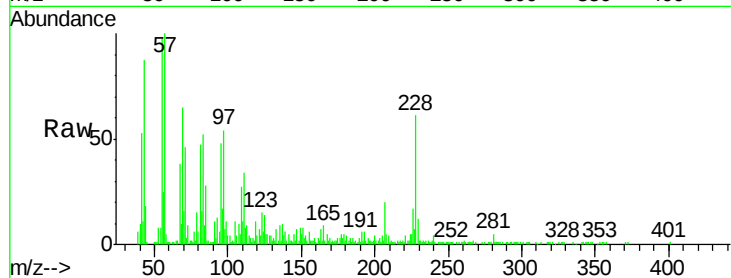
Tgt Ion:228 Resp: 50902

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

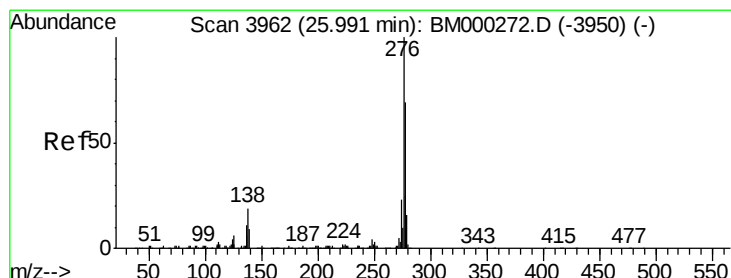
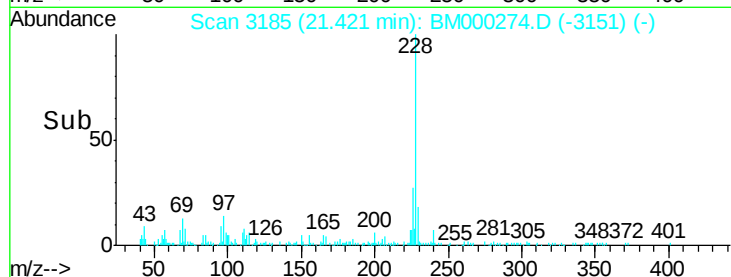
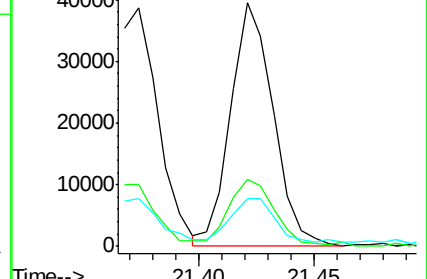
229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.31 ng/ul

RT: 25.99 min Scan# 3962

Delta R.T. -0.00 min

Lab File: BM000274.D

Acq: 20 Jan 2015 22:11

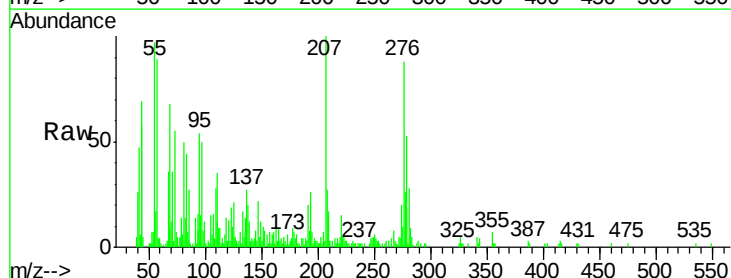
Tgt Ion:276 Resp: 57949

Ion Ratio Lower Upper

276 100

138 22.5 14.2 21.2#

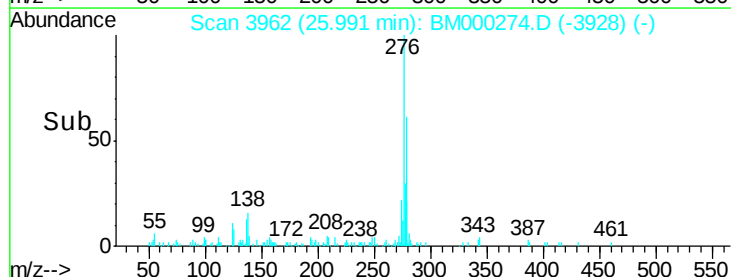
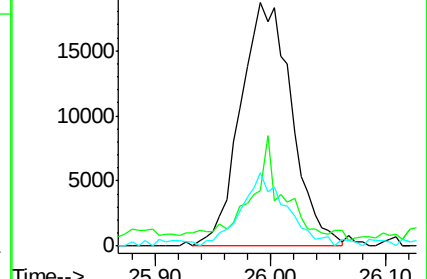
277 30.0 18.8 28.2#

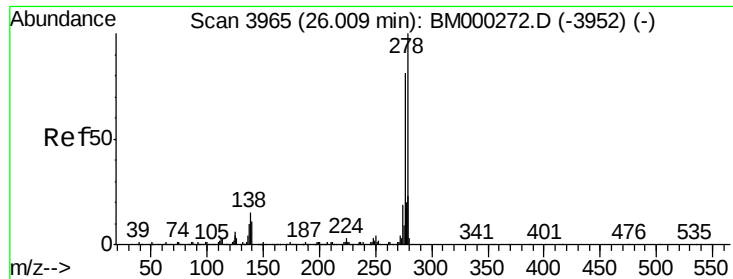


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.26 ng/ul

RT: 26.01 min Scan# 3965

Delta R.T. -0.00 min

Lab File: BM000274.D

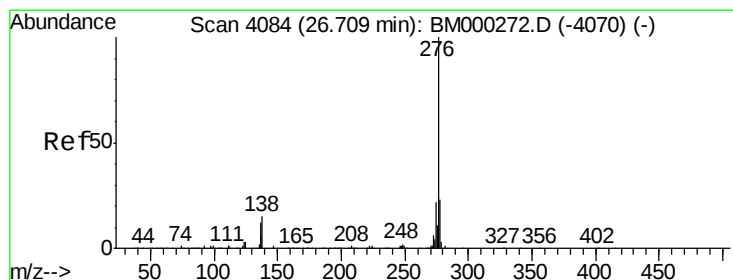
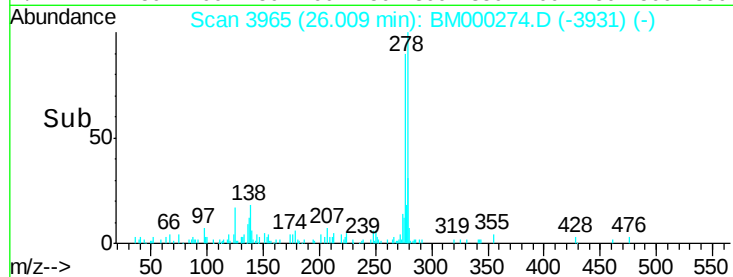
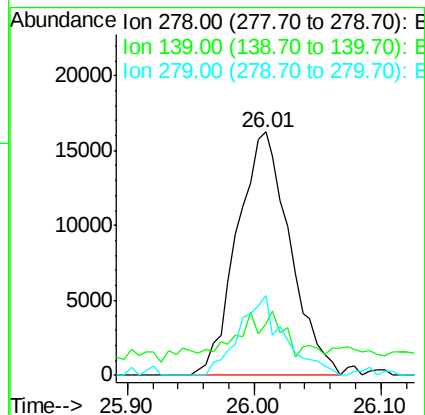
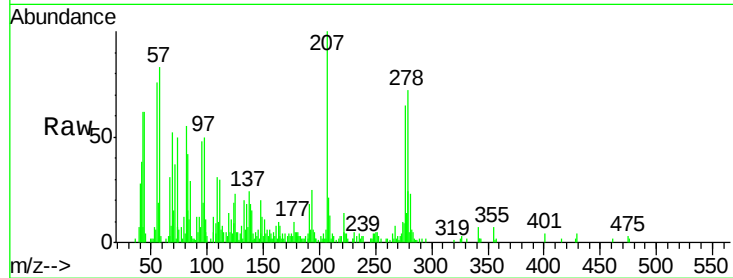
Acq: 20 Jan 2015 22:11

Instrument :

ClientSampled :

C0AD5

Tgt Ion:	278	Resp:	46947
Ion	Ratio	Lower	Upper
278	100		
139	21.4	10.2	15.2#
279	32.9	19.2	28.8#



#91

Benzo(g,h,i)perylene

Concen: 1.38 ng/ul

RT: 26.71 min Scan# 4084

Delta R.T. -0.00 min

Lab File: BM000274.D

Acq: 20 Jan 2015 22:11

Tgt Ion:	276	Resp:	49976
Ion	Ratio	Lower	Upper
276	100		
138	17.3	12.1	18.1
277	22.9	19.0	28.4

