

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002120.D
 Acq On : 29 Jul 2015 12:24
 Operator : TP/UM
 Sample : G3030-04RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01M1

Quant Time: Jul 29 15:34:33 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:50:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	67473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	291175	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	186183	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	421580	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	394617	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	338245	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2559	1.96	ng/uL	-0.01
5) Phenol-d5	6.77	99	54793	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	31327	11.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	48563	11.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	43481	11.34	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	23673	11.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	28076	12.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	49061	11.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	42085	8.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	180892	13.26	ng/ul	-0.01
47) Acenaphthylene-d8	13.95	160	147182	8.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	9015	3.96	ng/ul	0.00
58) Fluorene-d10	15.25	176	97320	8.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	17649	6.84	ng/ul	0.00
71) Anthracene-d10	17.10	188	145207	7.72	ng/ul	0.00
79) Pyrene-d10	19.41	212	125008	7.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	84417	5.15	ng/ul	0.01

Target Compounds

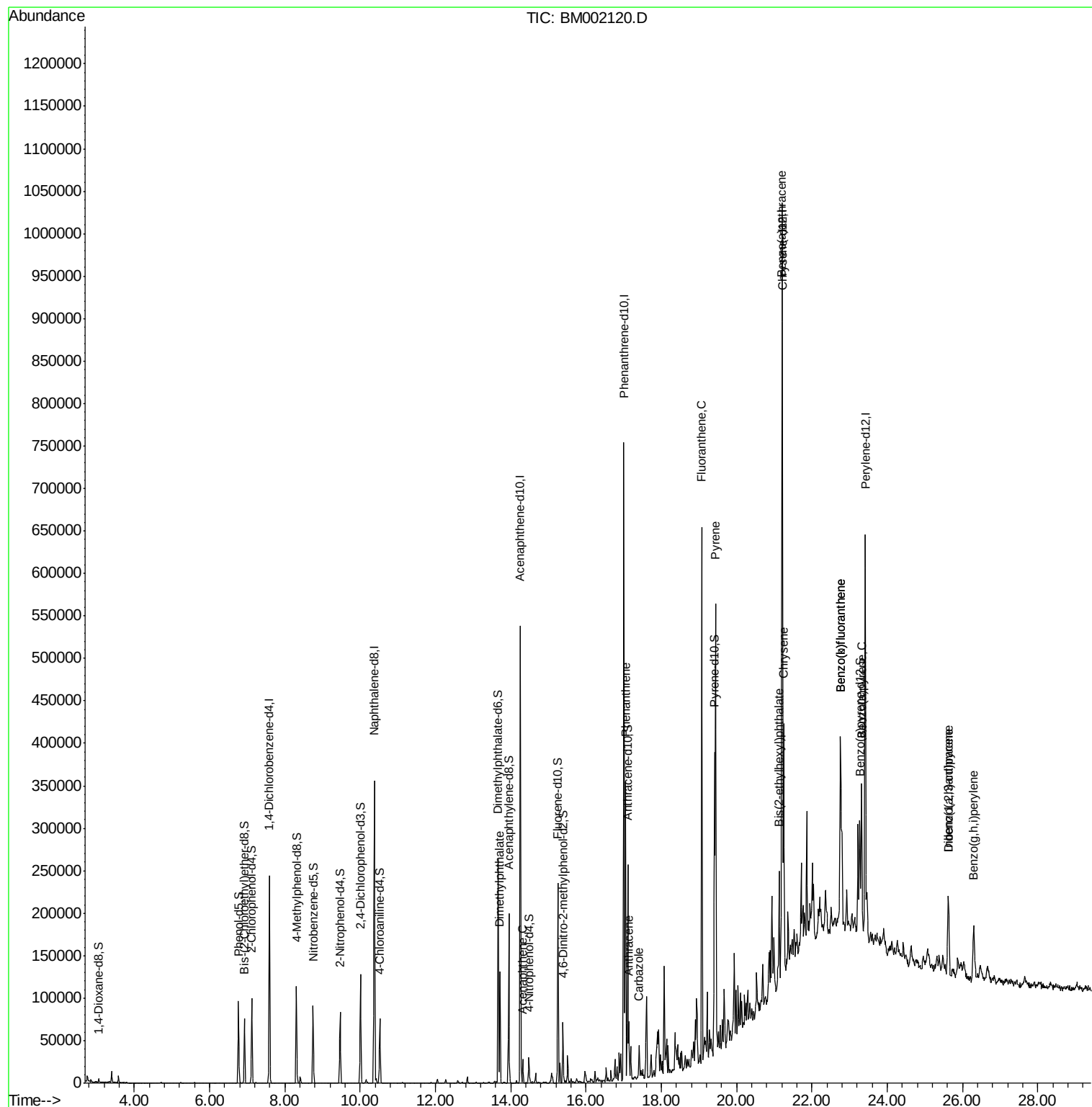
						Ovalue
45) Dimethylphthalate	13.71	163	84736	6.22	ng/ul	99
50) Acenaphthene	14.32	153	12445	1.08	ng/ul	92
70) Phenanthrene	17.04	178	205880	9.43	ng/ul	99
72) Anthracene	17.13	178	45449	2.04	ng/ul	99
75) Carbazole	17.41	167	23529	1.23	ng/ul	99
77) Fluoranthene	19.07	202	396049	15.71	ng/ul	99
80) Pyrene	19.44	202	330691	15.40	ng/ul	99
83) Benzo(a)anthracene	21.20	228	158265	7.23	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	48091	3.83	ng/ul	99
85) Chrysene	21.24	228	166350	8.13	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	189887	9.99	ng/ul	97
89) Benzo(k)fluoranthene	22.76	252	76107	4.15	ng/ul	98
91) Benzo(a)pyrene	23.32	252	121396	6.62	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.61	276	85314	4.04	ng/ul	94
93) Dibenzo(a,h)anthracene	25.62	278	24064	1.33	ng/ul#	85
94) Benzo(g,h,i)perylene	26.30	276	72652	4.10	ng/ul	97

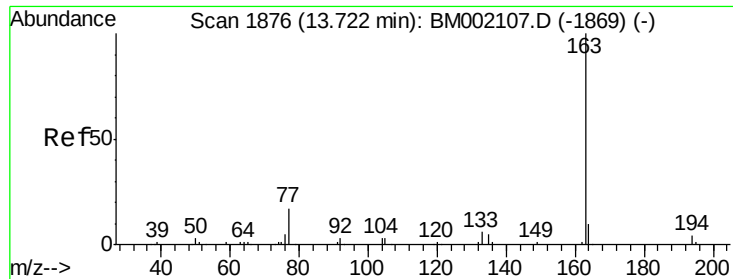
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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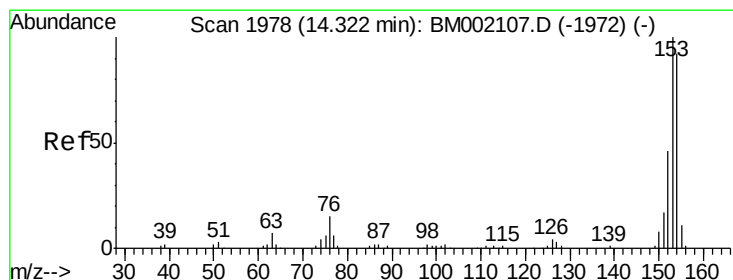
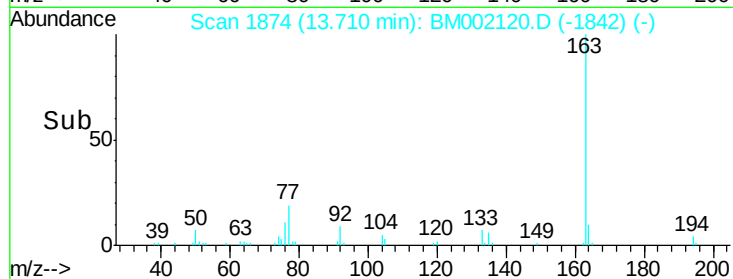
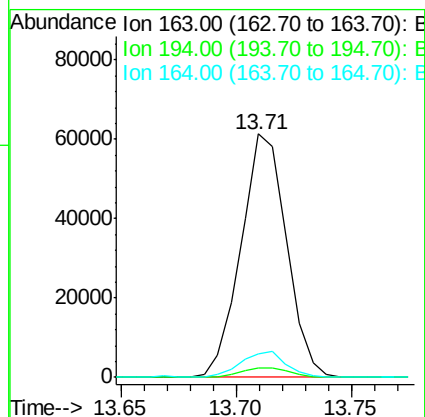
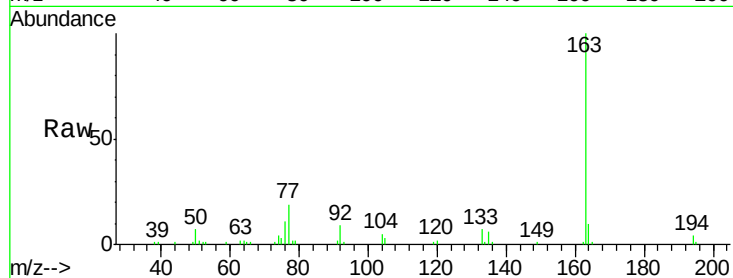




#45
Dimethylphthalate
Concen: 6.22 ng/ul
RT: 13.71 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

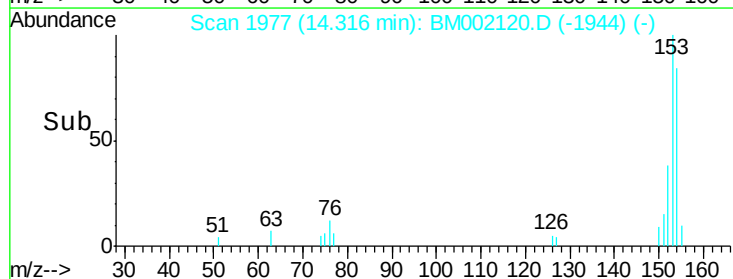
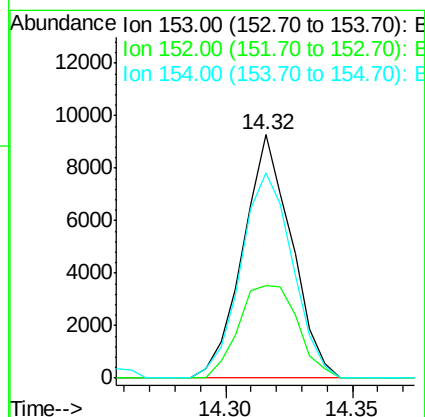
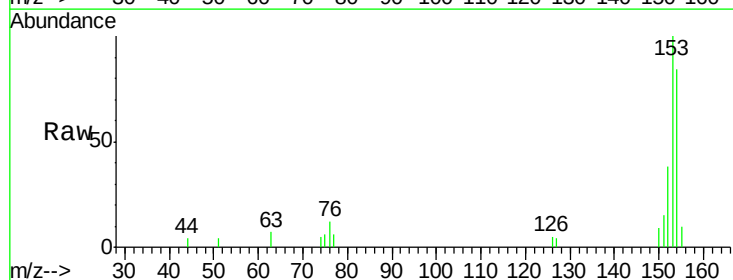
Instrument :
BNA_M
ClientSampleId :
C01M1

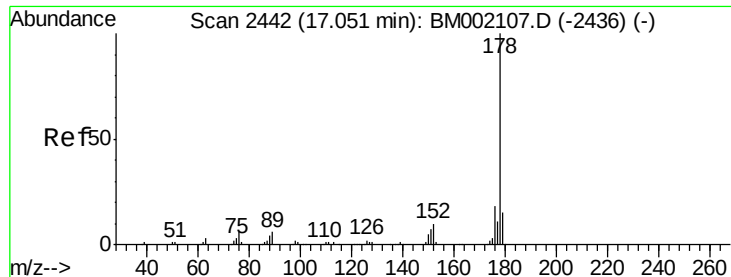
Tot Ion:163 Resp: 84736
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.7 8.0 12.0



#50
Acenaphthene
Concen: 1.08 ng/ul
RT: 14.32 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Tgt Ion:153 Resp: 12445
Ion Ratio Lower Upper
153 100
152 38.1 37.3 55.9
154 84.3 71.4 107.2





#70

Phenanthrene

Concen: 9.43 ng/ul

RT: 17.04 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

Instrument :

BNA_M

ClientSampleId :

C01M1

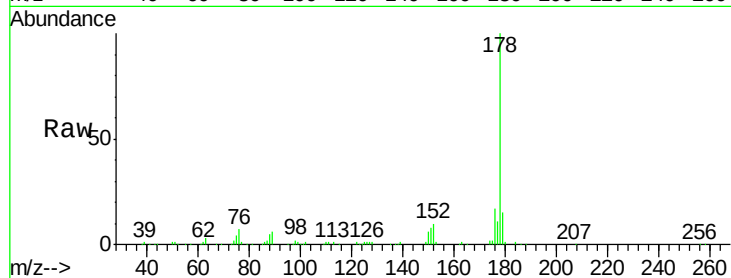
Tot Ion:178 Resp: 205880

Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

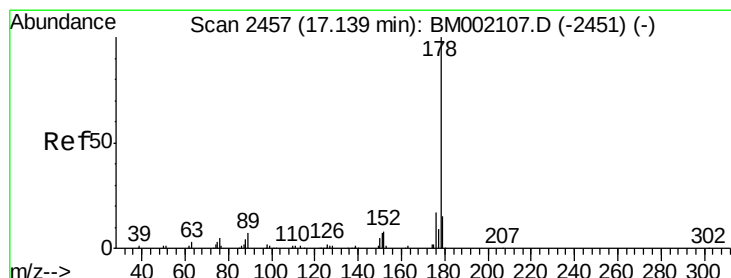
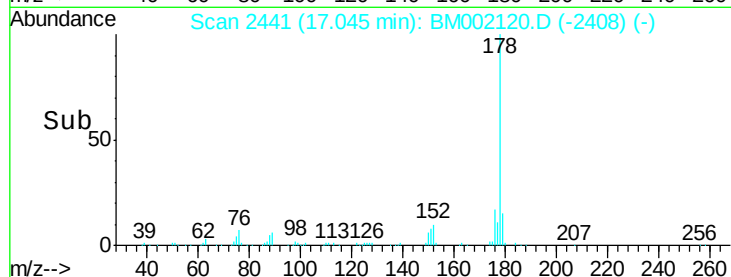
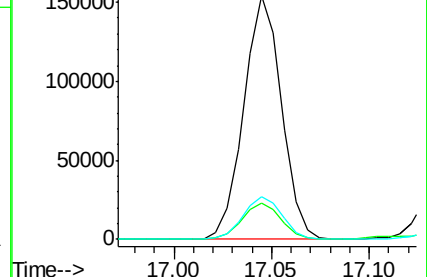
176 17.3 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 2.04 ng/ul

RT: 17.13 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

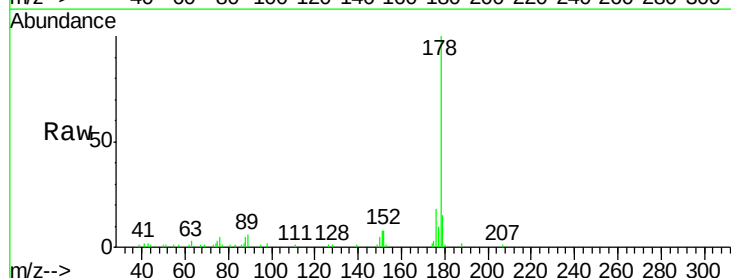
Tgt Ion:178 Resp: 45449

Ion Ratio Lower Upper

178 100

179 14.8 12.1 18.1

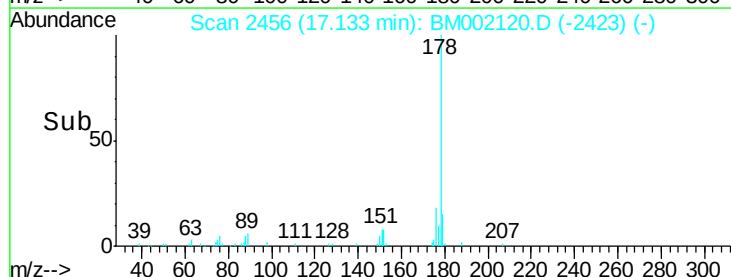
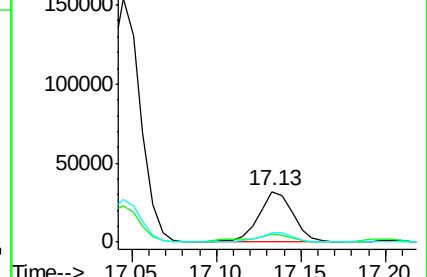
176 18.3 14.1 21.1

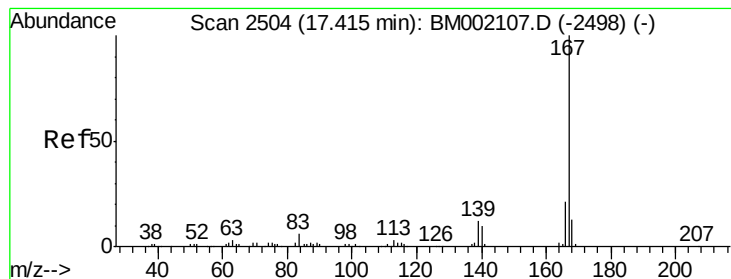


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.23 ng/ul

RT: 17.41 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

Instrument :

BNA_M

ClientSampleId :

C01M1

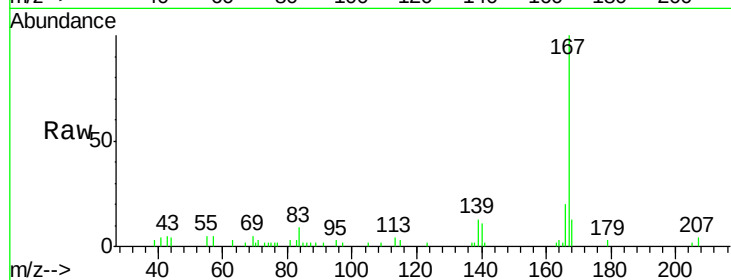
Tot Ion:167 Resp: 23529

Ion Ratio Lower Upper

167 100

166 20.1 16.2 24.4

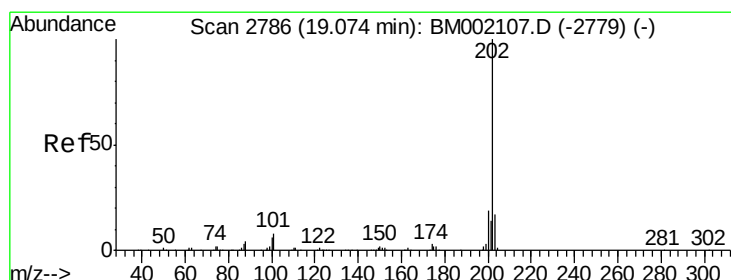
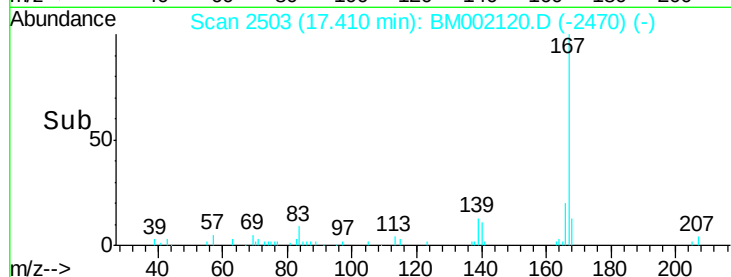
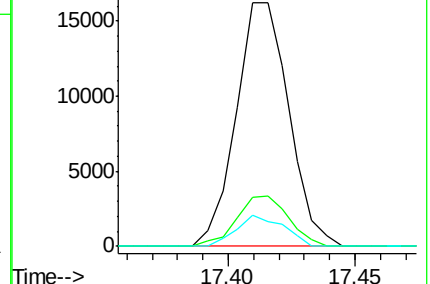
139 12.8 9.6 14.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 15.71 ng/ul

RT: 19.07 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

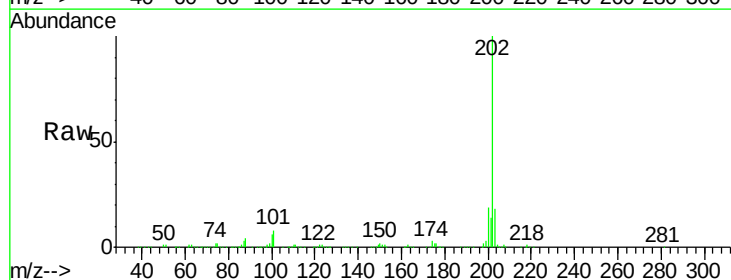
Tgt Ion:202 Resp: 396049

Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.4

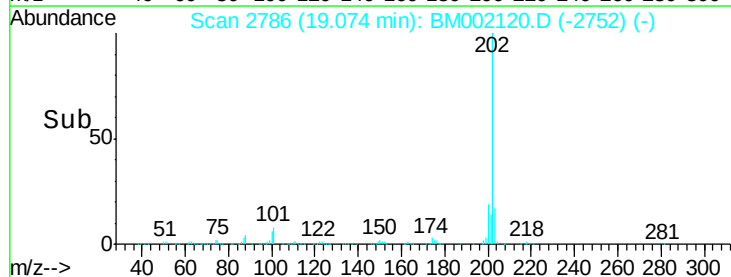
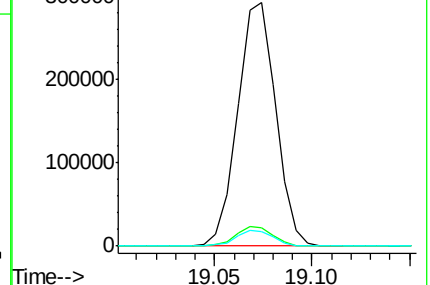
100 6.0 5.2 7.8

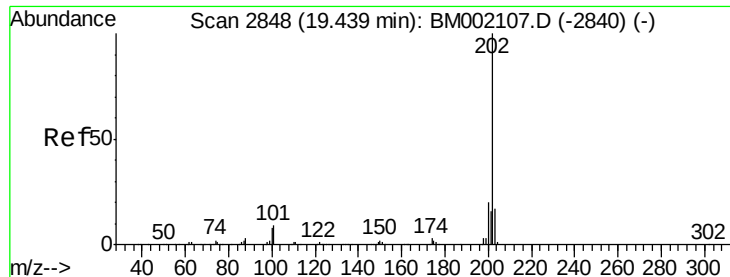


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

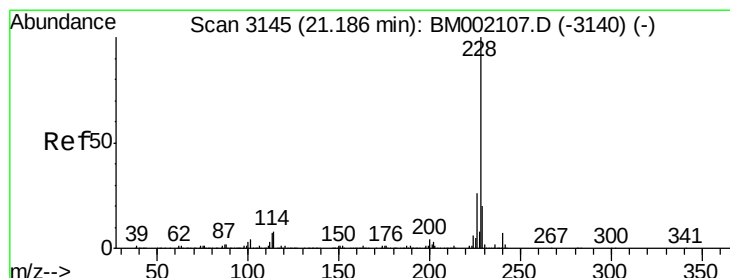
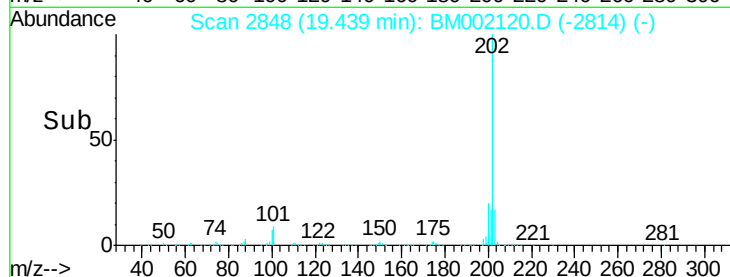
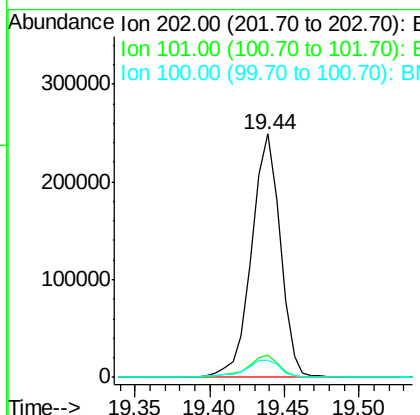
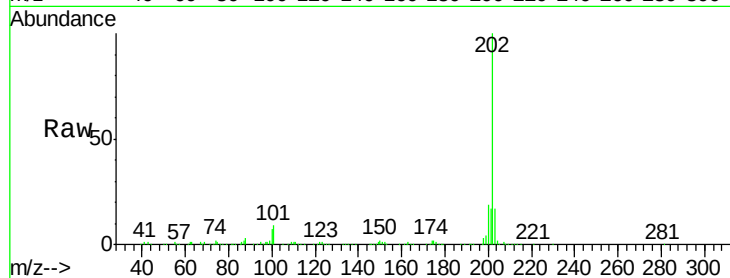




#80
 Pvrene
 Concen: 15.40 ng/ul
 RT: 19.44 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

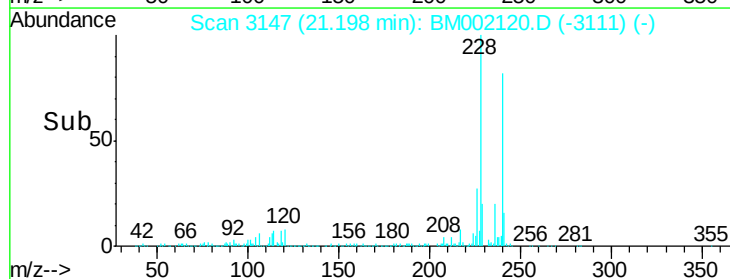
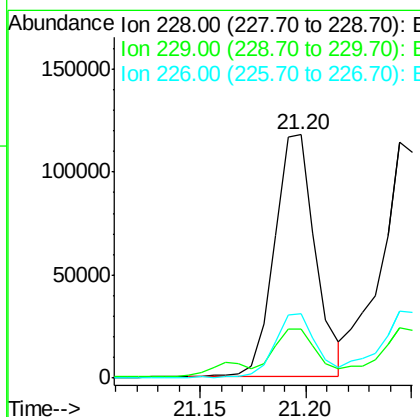
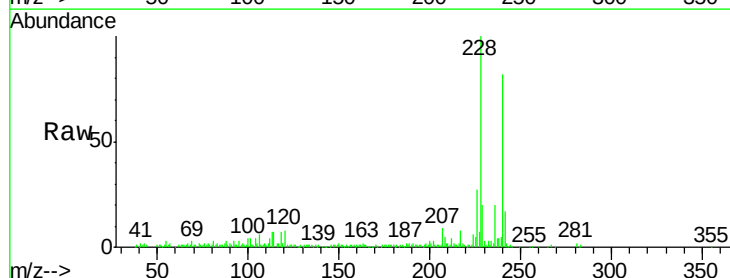
Instrument :
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 ClientSampleId :
 C01M1

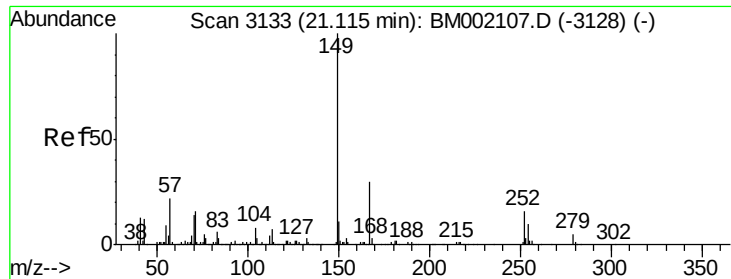
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.4	11.2
100	7.2	6.3	9.5



#83
 Benzo(a)anthracene
 Concen: 7.23 ng/ul
 RT: 21.20 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.2
226	26.6	20.5	30.7

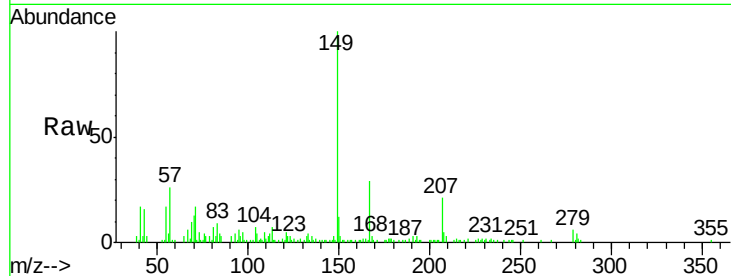




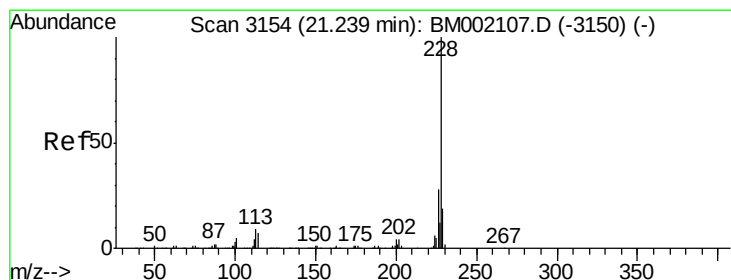
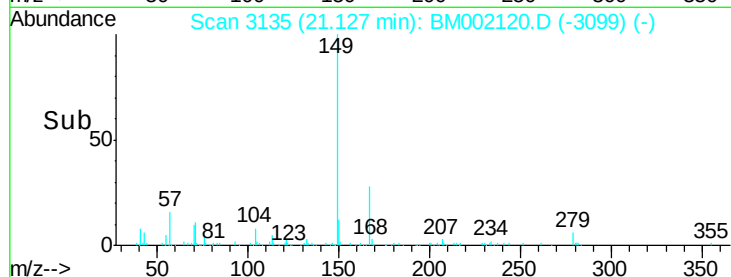
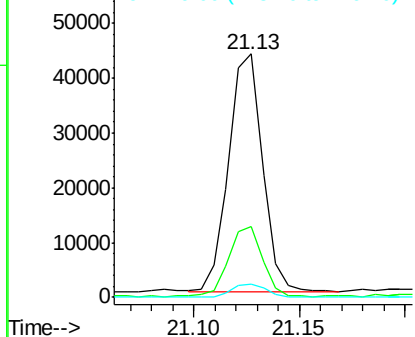
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.83 ng/ul
 RT: 21.13 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

Instrument :
 BNA_M
 ClientSampleId :
 C01M1

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.6	35.4
279	5.6	4.2	6.4

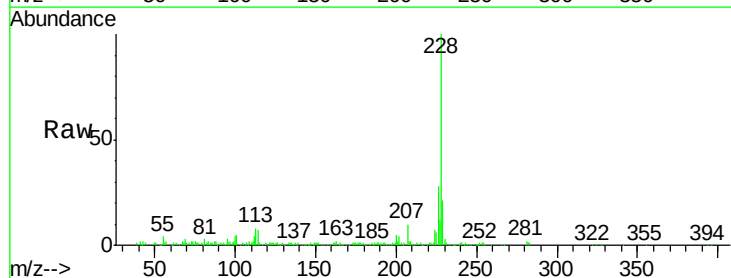


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

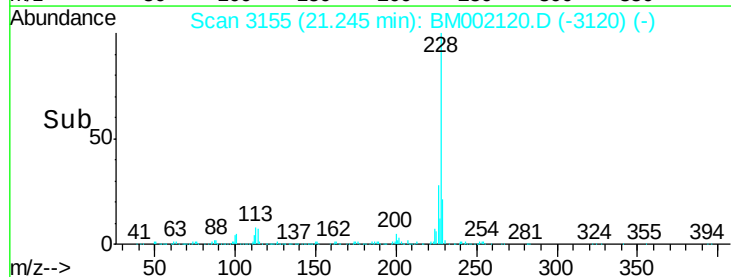
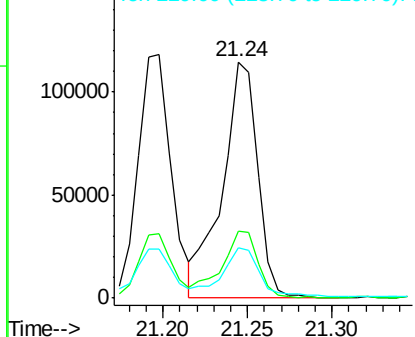


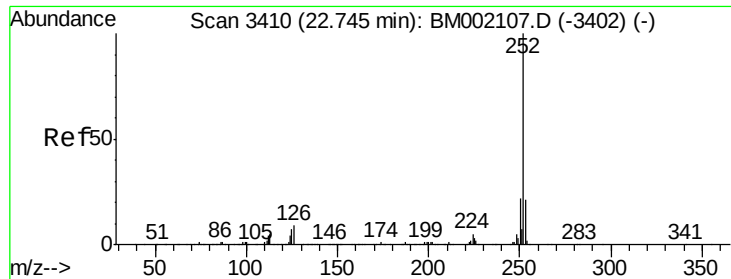
#85
 Chrysene
 Concen: 8.13 ng/ul
 RT: 21.24 min Scan# 3155
 Delta R.T. 0.01 min
 Lab File: BM002120.D
 Acq: 29 Jul 2015 12:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	21.4	15.5	23.3



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

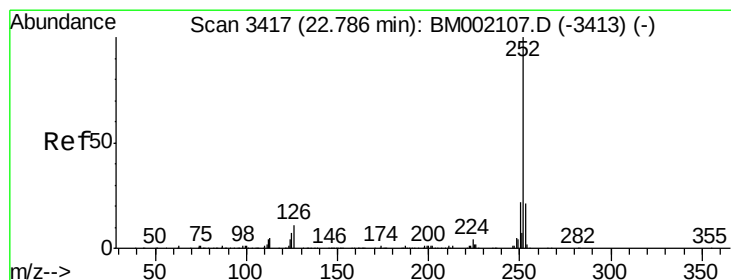
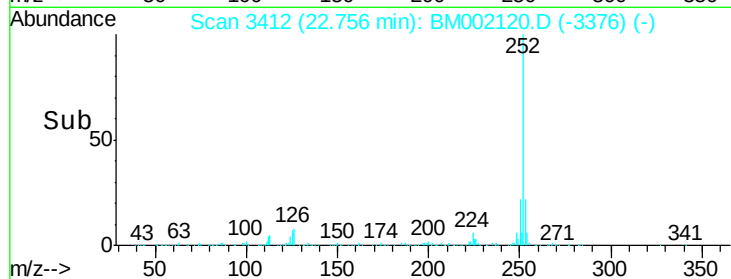
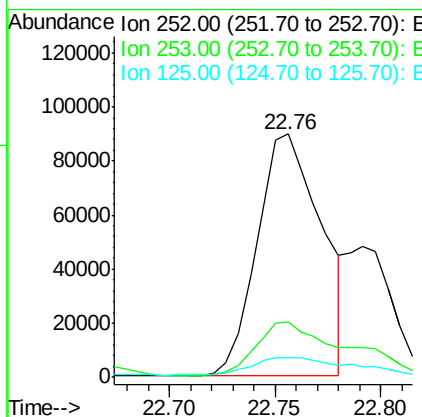
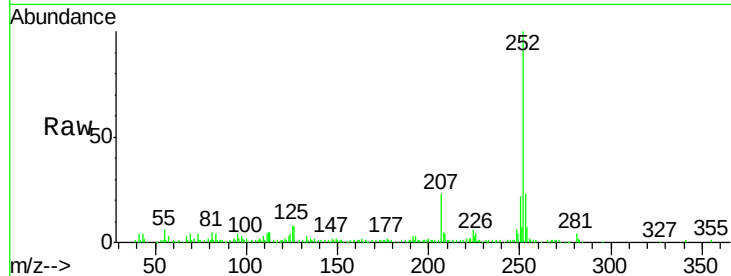




#88
Benzo(b)fluoranthene
Concen: 9.99 ng/ul
RT: 22.76 min Scan# 3412
Delta R.T. 0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

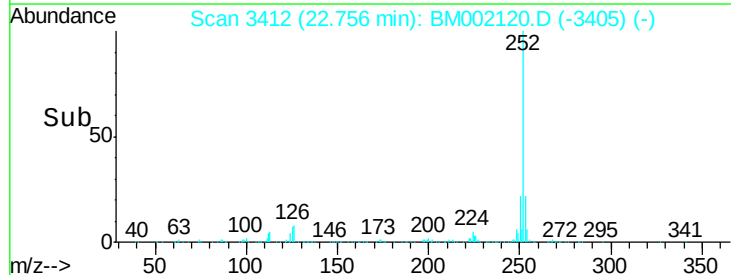
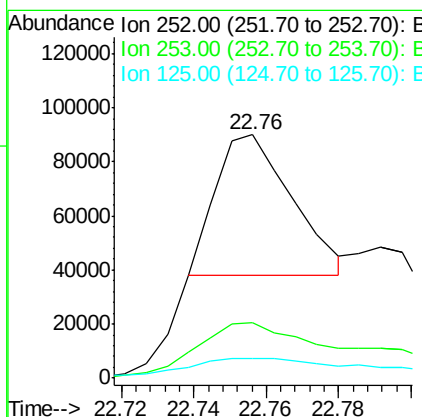
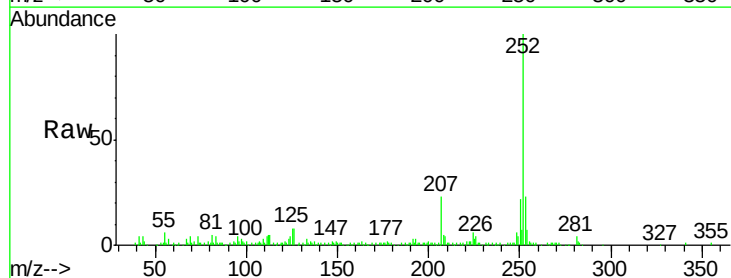
Instrument :
BNA_M
ClientSampleId :
C01M1

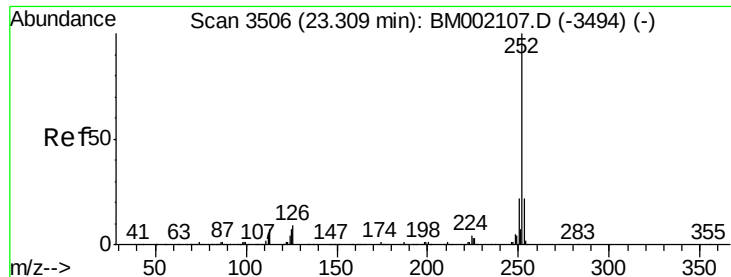
Tot Ion:252 Resp: 189887
Ion Ratio Lower Upper
252 100
253 22.8 16.9 25.3
125 8.1 6.2 9.2



#89
Benzo(k)fluoranthene
Concen: 4.15 ng/ul
RT: 22.76 min Scan# 3412
Delta R.T. -0.03 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Tgt Ion:252 Resp: 76107
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 8.1 6.2 9.4

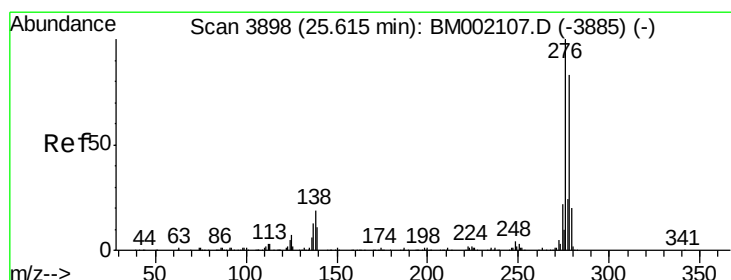
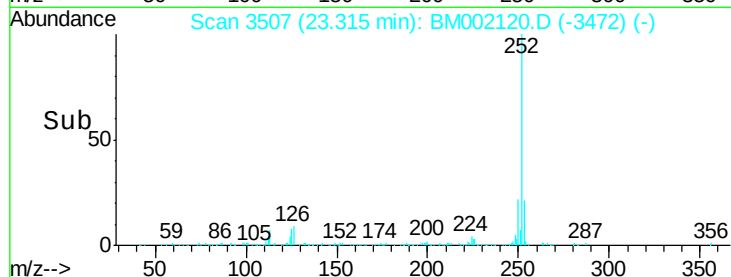
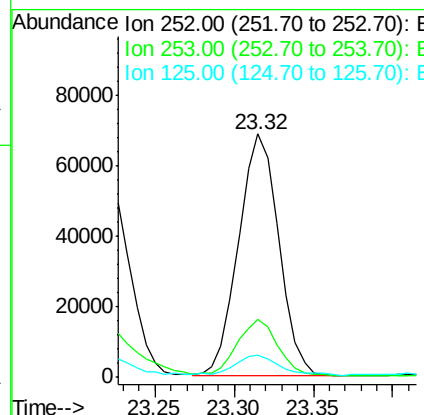
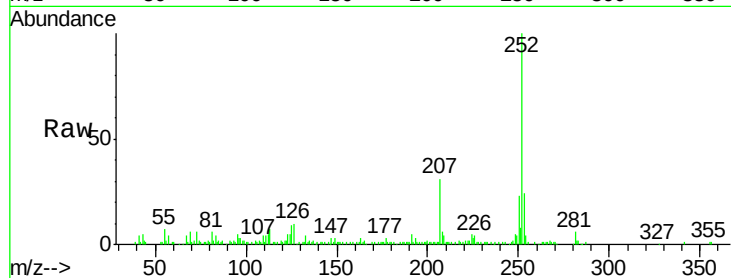




#91
Benzo(a)pyrene
Concen: 6.62 ng/ul
RT: 23.32 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

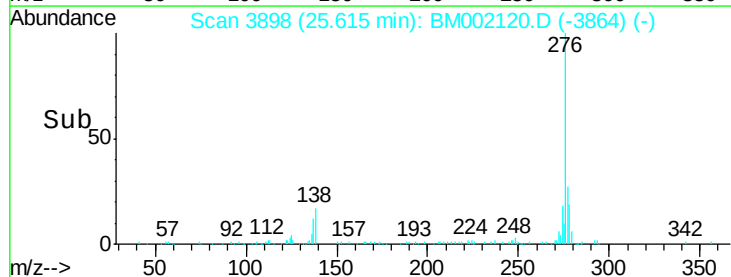
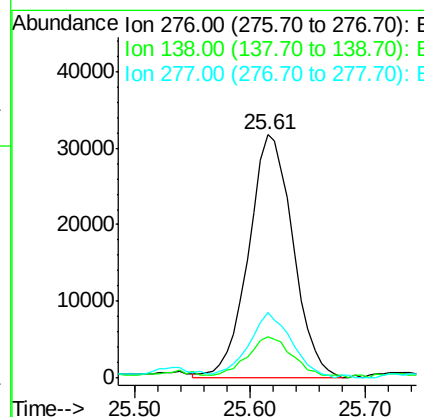
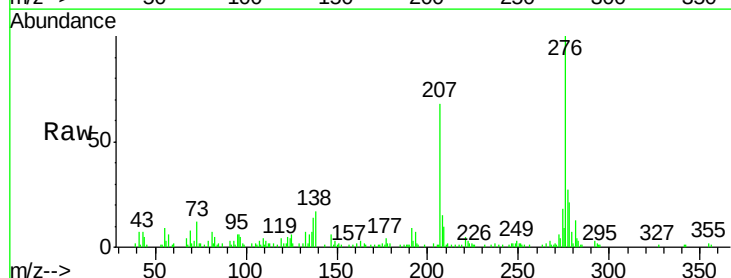
Instrument :
BNA_M
ClientSampleId :
C01M1

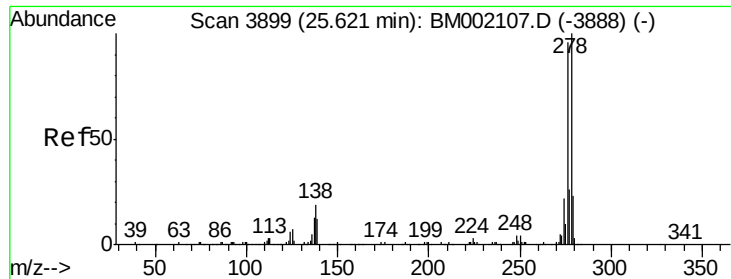
Tot Ion:252 Resp: 121396
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 9.0 6.6 10.0



#92
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng/ul
RT: 25.61 min Scan# 3898
Delta R.T. -0.00 min
Lab File: BM002120.D
Acq: 29 Jul 2015 12:24

Tgt Ion:276 Resp: 85314
Ion Ratio Lower Upper
276 100
138 16.8 16.2 24.2
277 27.1 19.8 29.8





#93

Dibenzo(a,h)anthracene

Concen: 1.33 ng/ul

RT: 25.62 min Scan# 3899

Delta R.T. -0.00 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

Instrument :

BNA_M

ClientSampleId :

C01M1

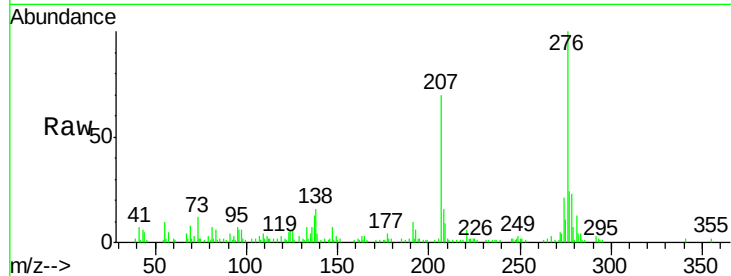
Tot Ion:278 Resp: 24064

Ion Ratio Lower Upper

278 100

139 19.2 10.6 16.0#

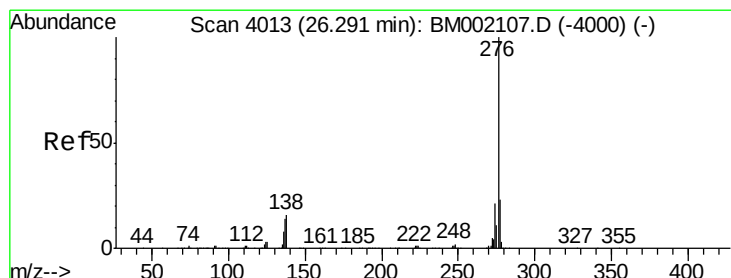
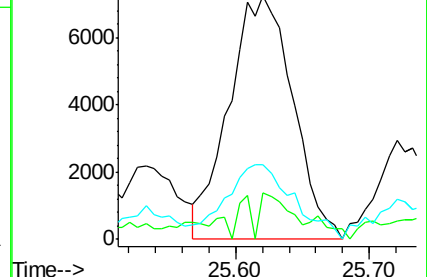
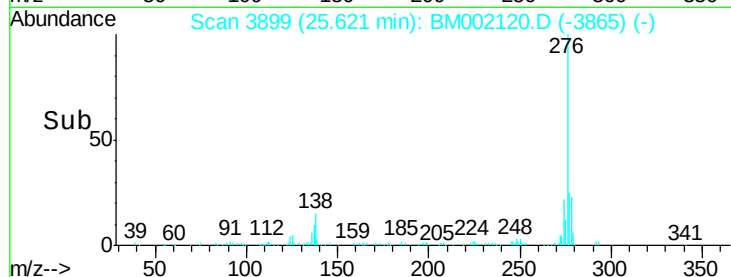
279 30.5 18.5 27.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 4.10 ng/ul

RT: 26.30 min Scan# 4014

Delta R.T. 0.01 min

Lab File: BM002120.D

Acq: 29 Jul 2015 12:24

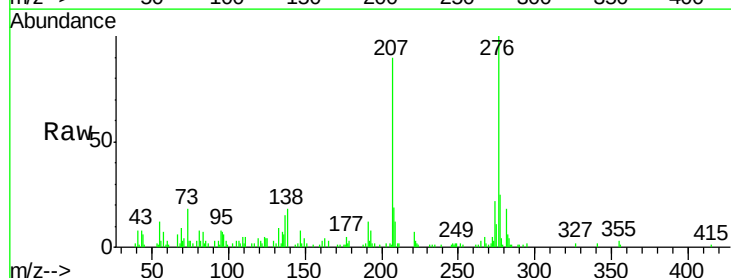
Tgt Ion:276 Resp: 72652

Ion Ratio Lower Upper

276 100

138 18.2 13.8 20.6

277 24.7 18.2 27.2



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

