

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021908.D
 Acq On : 16 May 2016 16:05
 Operator : UM/SJ
 Sample : H3095-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF6

Quant Time: May 17 00:33:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	66655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	329008	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	203525	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	477515	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	486193	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	493896	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5039	3.65	ng/uL	0.00
5) Phenol-d5	7.31	99	97557	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	50454	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	94721	24.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	78707	18.95	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	50140	23.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	55025	40.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	100213	25.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	76035	18.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	342637	23.97	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	454123	22.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	43150	17.61	ng/ul	0.00
58) Fluorene-d10	15.78	176	326982	21.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	49569	37.47	ng/ul	0.00
71) Anthracene-d10	17.63	188	502957	21.64	ng/ul	0.00
77) Pyrene-d10	19.91	212	551584	24.24	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	519711	22.15	ng/ul	0.00

Target Compounds

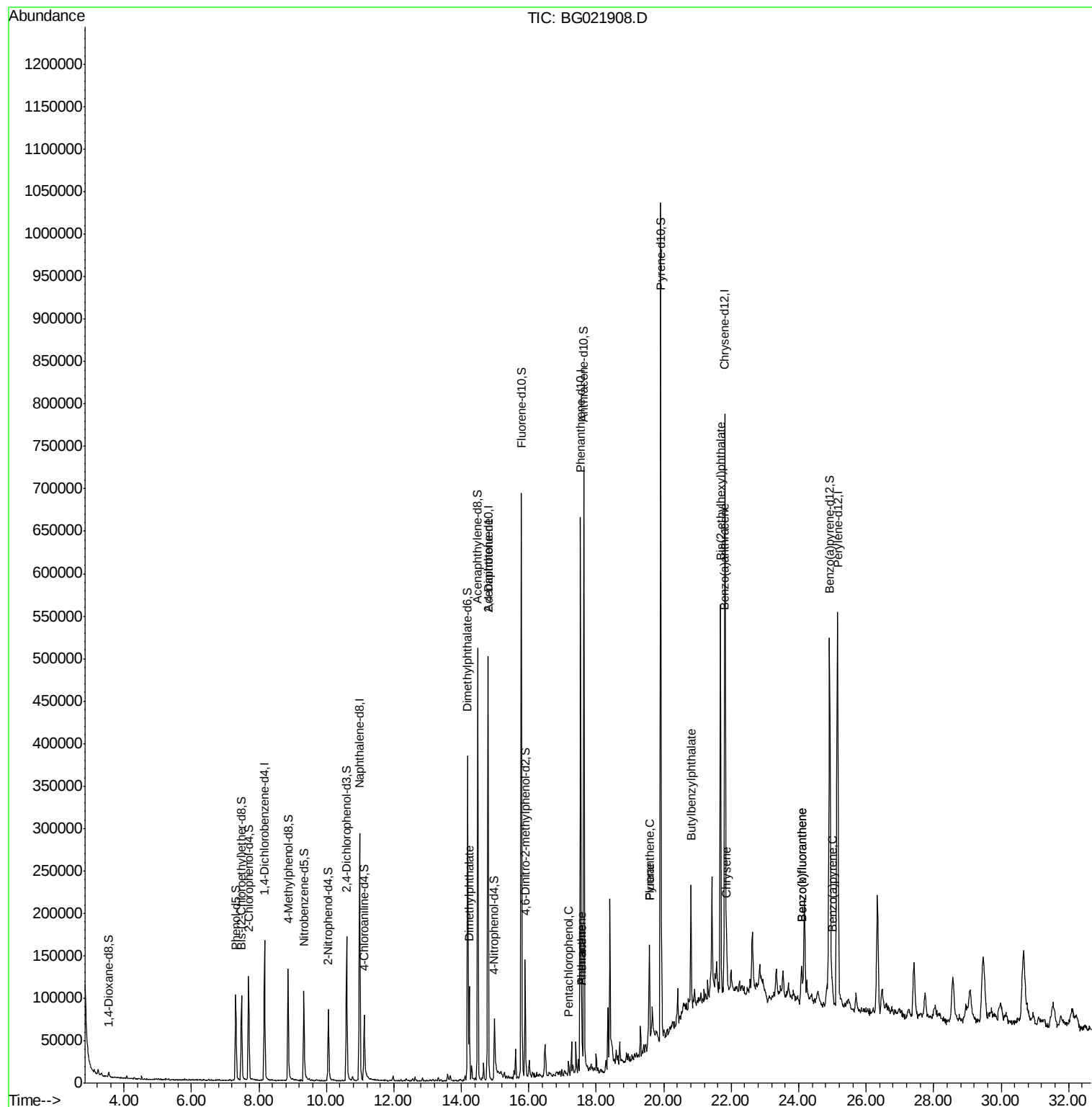
						Ovalue
45) Dimethylphthalate	14.23	163	88282	6.06	ng/ul	97
55) 2,4-Dinitrotoluene	14.79	165	27878	7.01	ng/ul#	24
69) Pentachlorophenol	17.18	266	3880	1.76	ng/ul	93
70) Phenanthrene	17.58	178	28950	1.11	ng/ul	97
72) Anthracene	17.58	178	28950	1.09	ng/ul	97
75) Fluoranthene	19.57	202	63085	2.13	ng/ul	98
78) Pyrene	19.57	202	63085	2.24	ng/ul	97
79) Butylbenzylphthalate	20.81	149	55543	8.93	ng/ul#	78
81) Benzo(a)anthracene	21.79	228	32430	1.20	ng/ul	95
82) Bis(2-ethylhexyl)phthalate	21.68	149	262813	25.89	ng/ul	96
83) Chrysene	21.86	228	37972	1.42	ng/ul	96
86) Benzo(b)fluoranthene	24.09	252	57617	2.04	ng/ul#	91
87) Benzo(k)fluoranthene	24.09	252	57617	1.90	ng/ul#	92
89) Benzo(a)pyrene	24.99	252	33492	1.19	ng/ul#	93

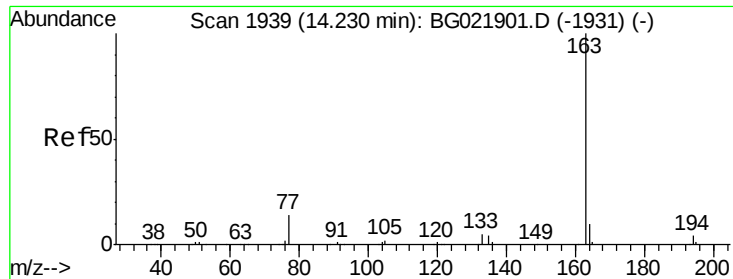
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.06 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

Instrument :

BNA_G

ClientSampleId :

D9XF6

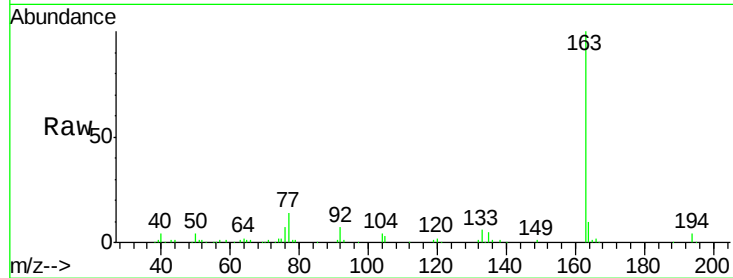
Tot Ion:163 Resp: 88282

Ion Ratio Lower Upper

163 100

194 4.0 3.9 5.9

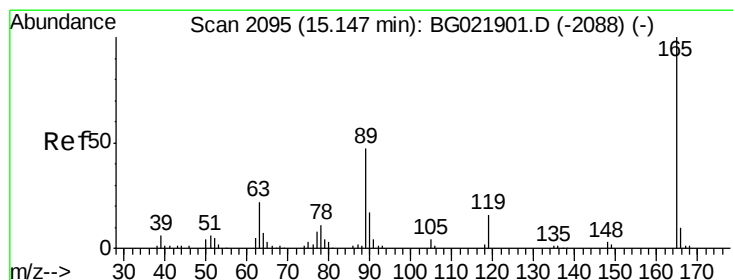
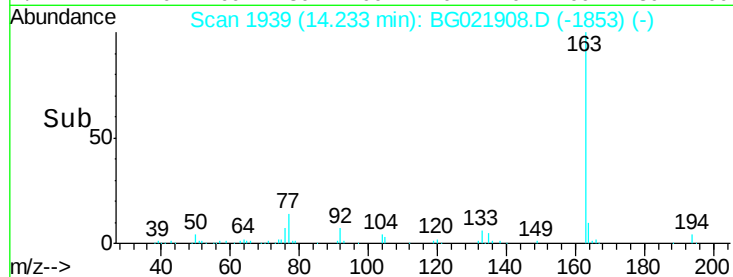
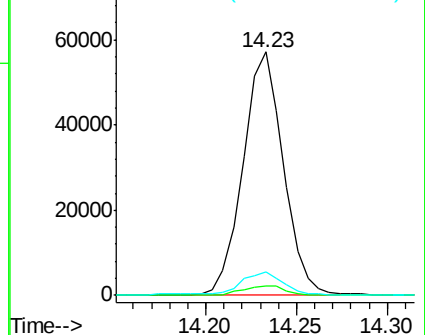
164 9.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55

2,4-Dinitrotoluene

Concen: 7.01 ng/ul

RT: 14.79 min Scan# 2033

Delta R.T. -0.36 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

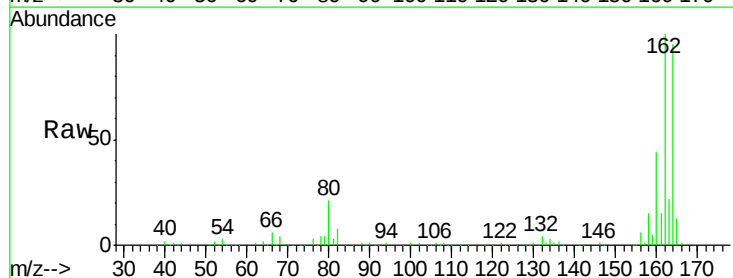
Tgt Ion:165 Resp: 27878

Ion Ratio Lower Upper

165 100

63 0.0 48.1 72.1#

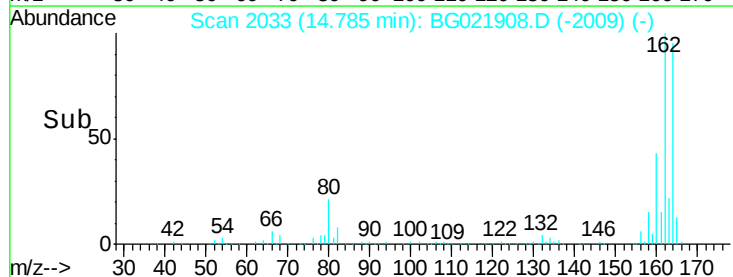
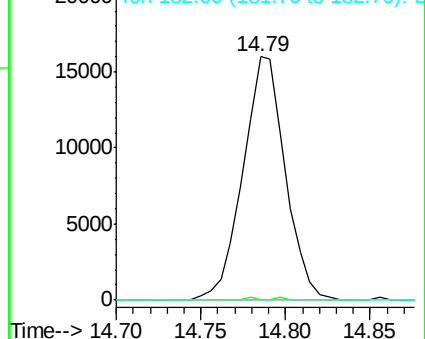
182 0.0 2.2 3.2#

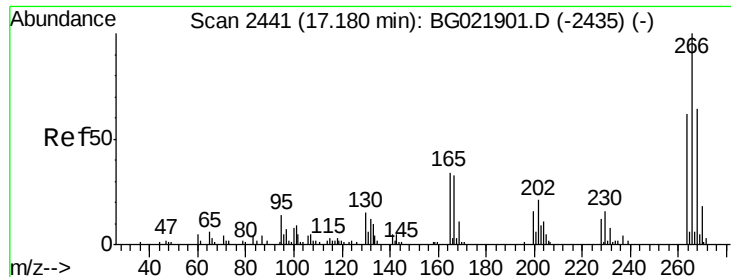


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

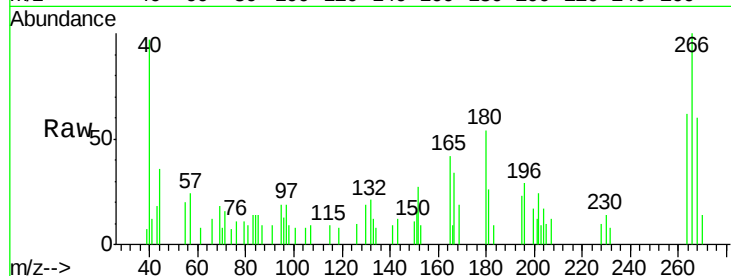




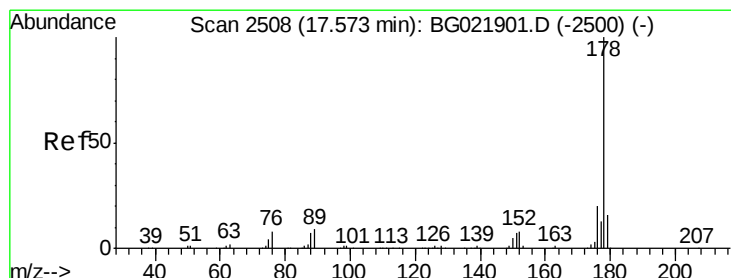
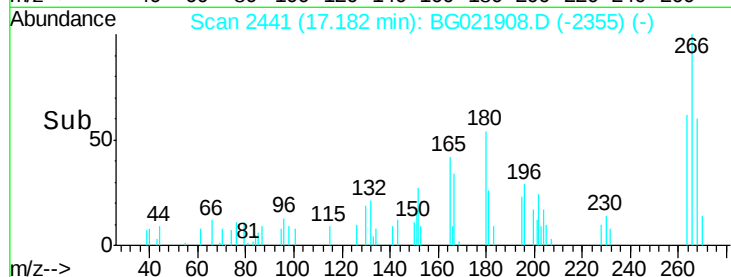
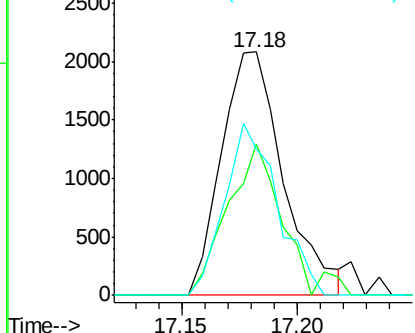
#69
 Pentachlorophenol
 Concen: 1.76 ng/ul
 RT: 17.18 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG021908.D
 Acq: 16 May 2016 16:05

Instrument :
 BNA_G
 ClientSampleId :
 D9XF6

Tot Ion:266 Resp: 3880
 Ion Ratio Lower Upper
 266 100
 264 62.5 56.7 85.1
 268 60.0 50.6 76.0

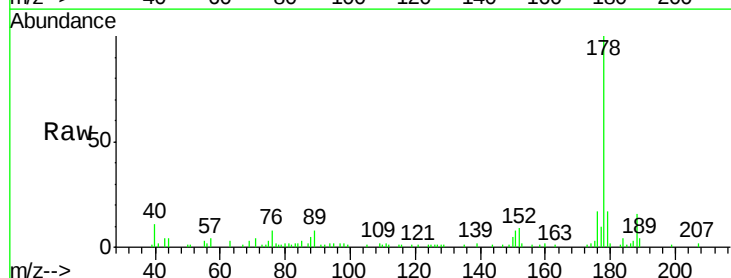


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

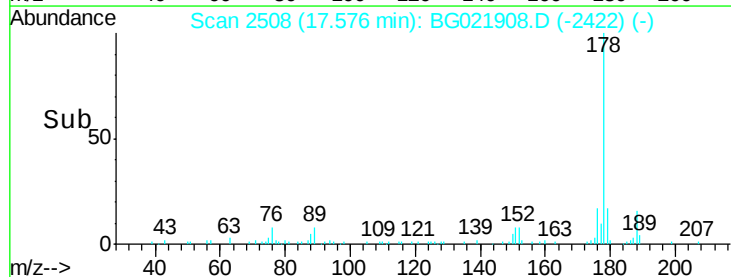
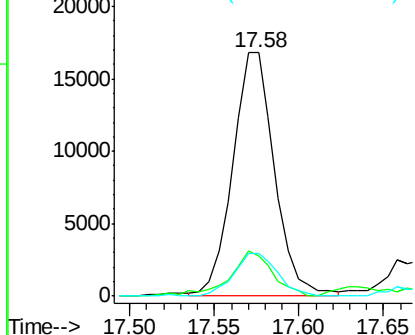


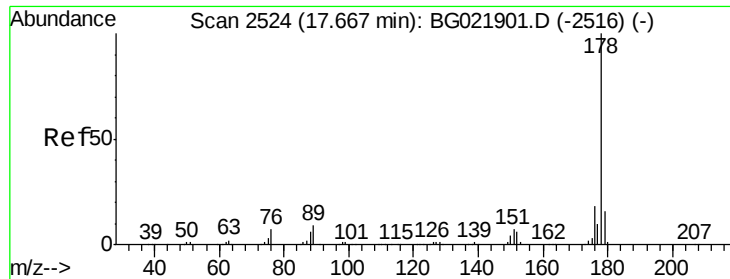
#70
 Phenanthrene
 Concen: 1.11 ng/ul
 RT: 17.58 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG021908.D
 Acq: 16 May 2016 16:05

Tgt Ion:178 Resp: 28950
 Ion Ratio Lower Upper
 178 100
 179 16.6 11.8 17.8
 176 17.3 14.8 22.2



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: 1.09 ng/ul

RT: 17.58 min Scan# 2508

Delta R.T. -0.09 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

Instrument :

BNA_G

ClientSampleId :

D9XF6

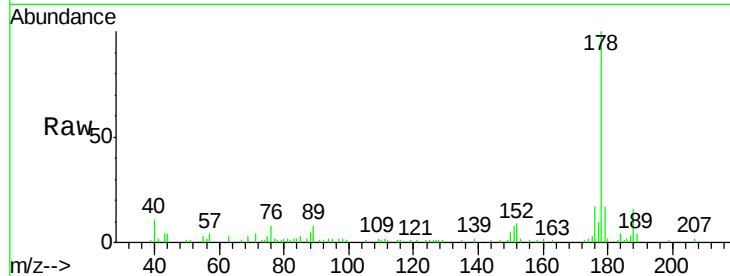
Tot Ion:178 Resp: 28950

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	17.3	15.6	23.4

178 100

179 16.6 12.9 19.3

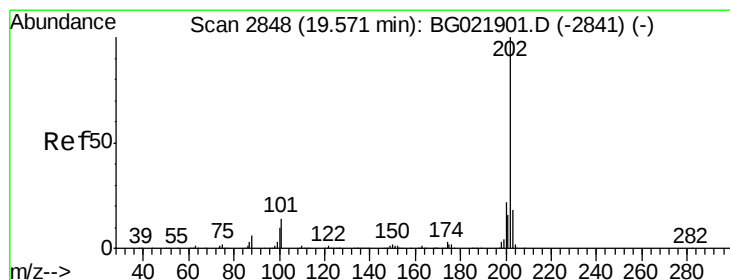
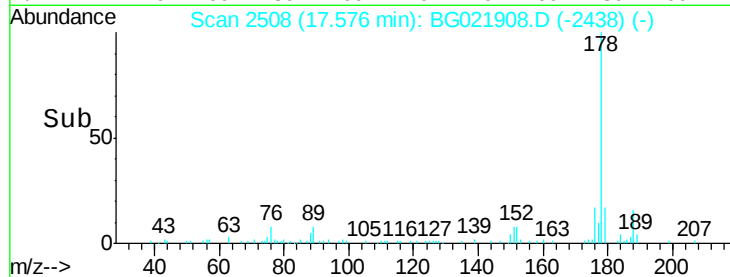
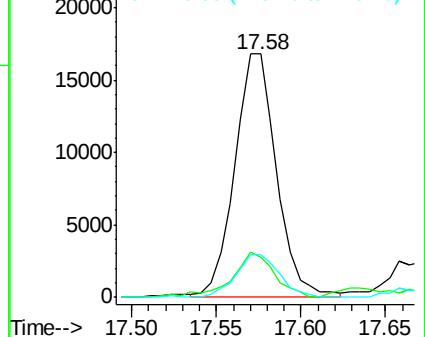
176 17.3 15.6 23.4



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



#75

Fluoranthene

Concen: 2.13 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

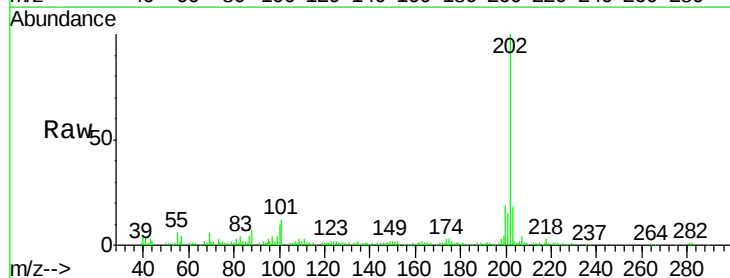
Tgt Ion:202 Resp: 63085

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
100	10.0	7.0	10.4

202 100

101 11.7 8.9 13.3

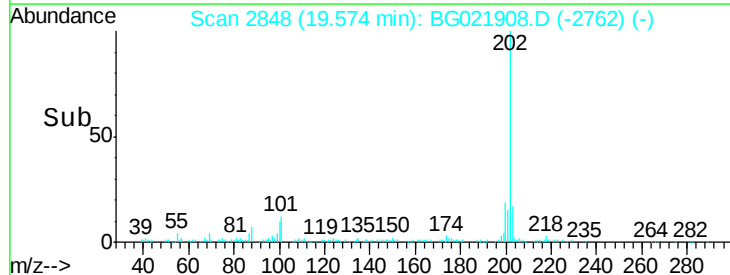
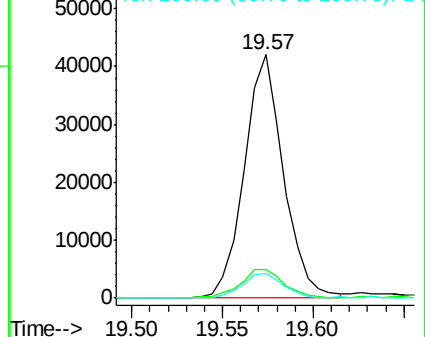
100 10.0 7.0 10.4

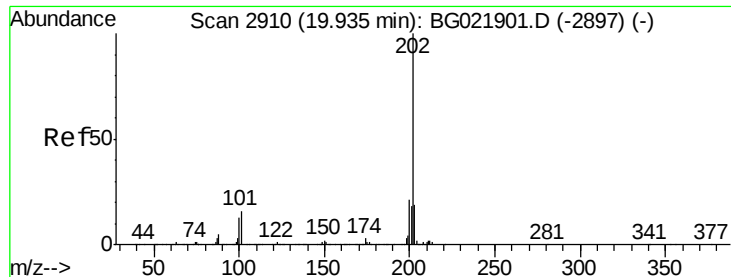


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Pvrene

Concen: 2.24 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.36 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

Instrument :

BNA_G

ClientSampleId :

D9XF6

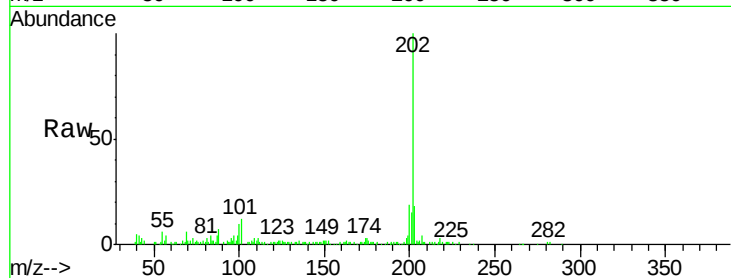
Tot Ion:202 Resp: 63085

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

100 10.0 9.3 13.9

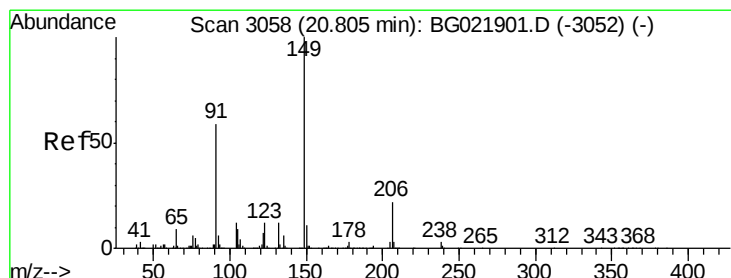
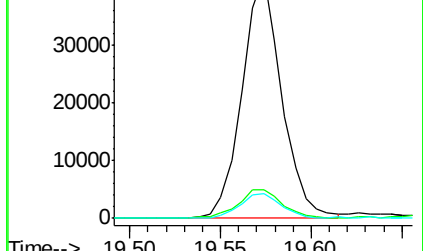
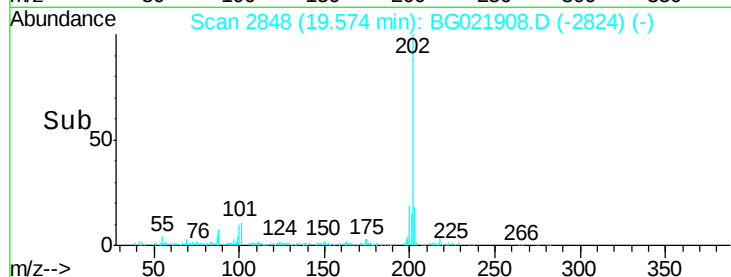


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#79

Butylbenzylphthalate

Concen: 8.93 ng/ul

RT: 20.81 min Scan# 3058

Delta R.T. 0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

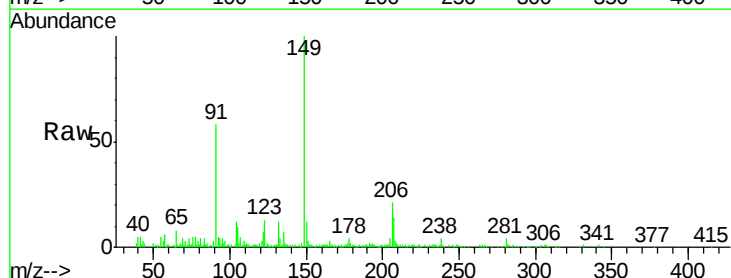
Tgt Ion:149 Resp: 55543

Ion Ratio Lower Upper

149 100

91 58.4 65.8 98.8#

206 21.0 15.5 23.3

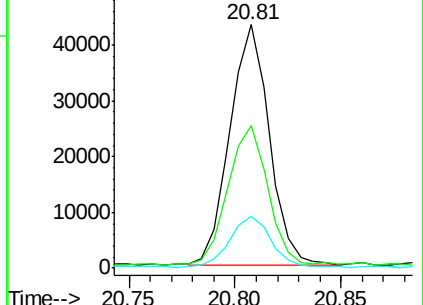
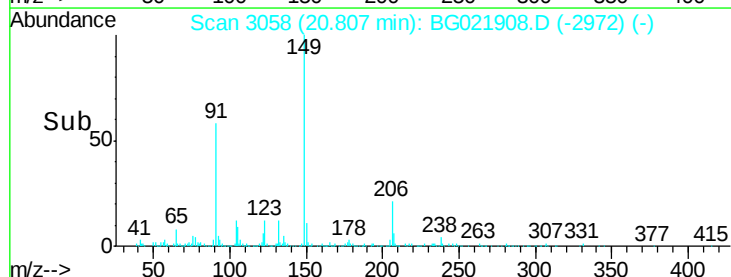


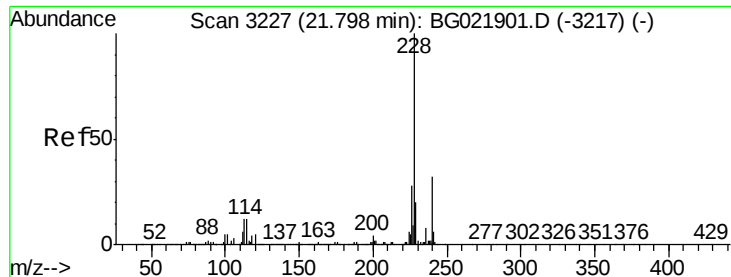
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

Time-->





#81

Benzo(a)anthracene

Concen: 1.20 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

Instrument :

BNA_G

ClientSampleId :

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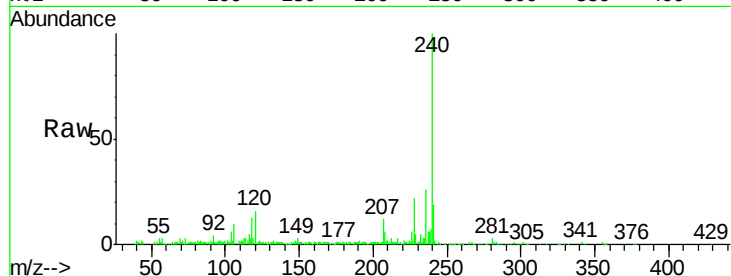
Tot Ion:228 Resp: 32430

Ion Ratio Lower Upper

228 100

229 24.1 16.6 25.0

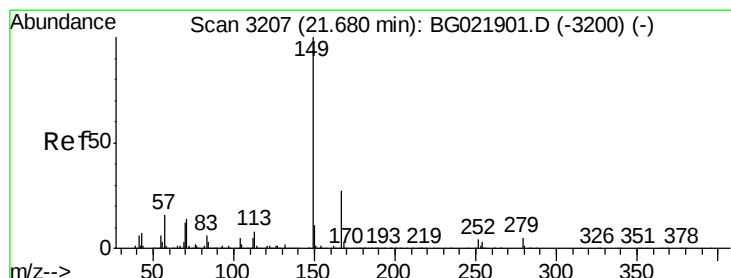
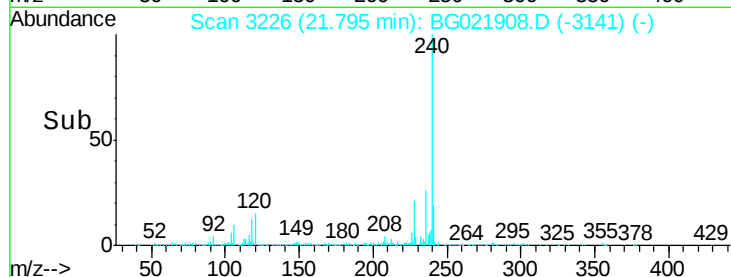
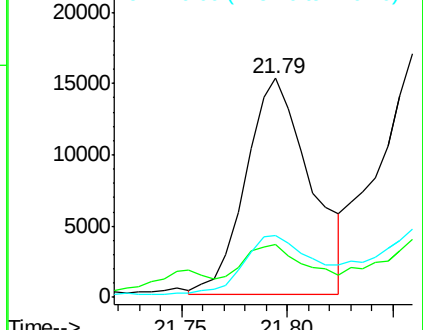
226 28.0 21.0 31.4



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



#82

Bis(2-ethylhexyl)phthalate

Concen: 25.89 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

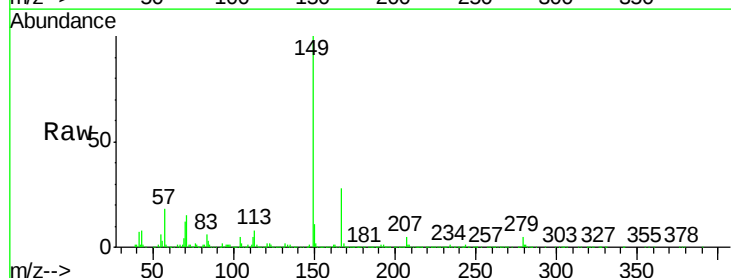
Tgt Ion:149 Resp: 262813

Ion Ratio Lower Upper

149 100

167 27.6 20.5 30.7

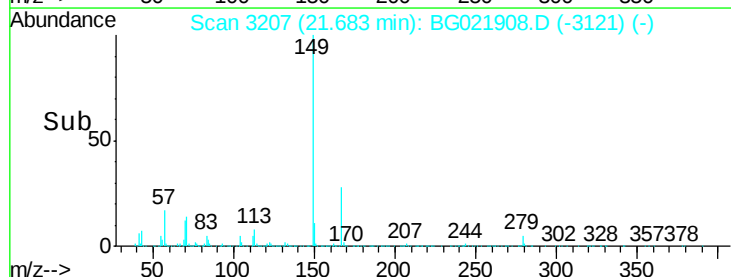
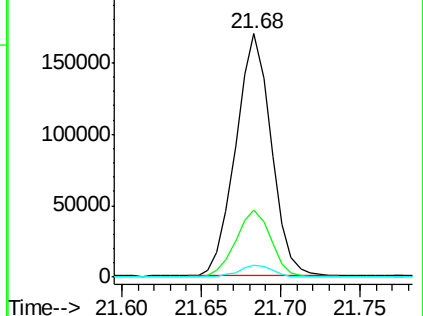
279 4.9 3.7 5.5

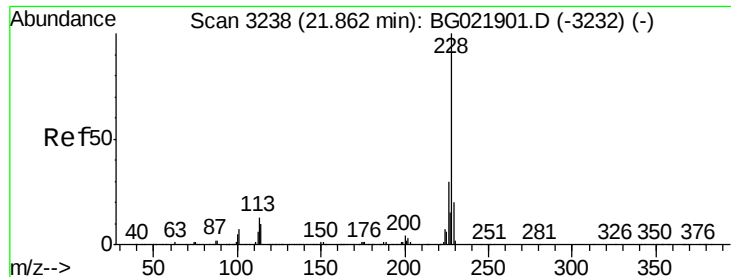


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#83

Chrysene

Concen: 1.42 ng/ul

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

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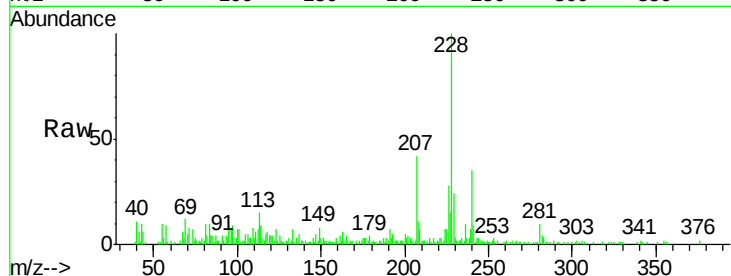
Tot Ion:228 Resp: 37972

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.2

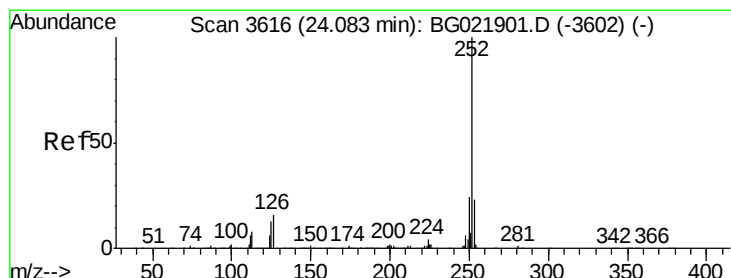
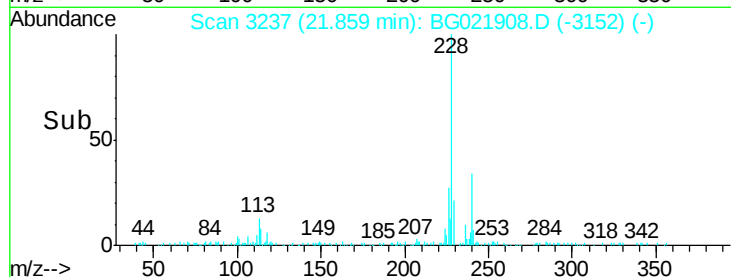
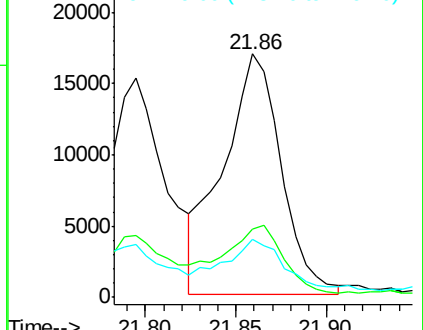
229 23.7 16.2 24.2



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



#86

Benzo(b)fluoranthene

Concen: 2.04 ng/ul

RT: 24.09 min Scan# 3616

Delta R.T. 0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

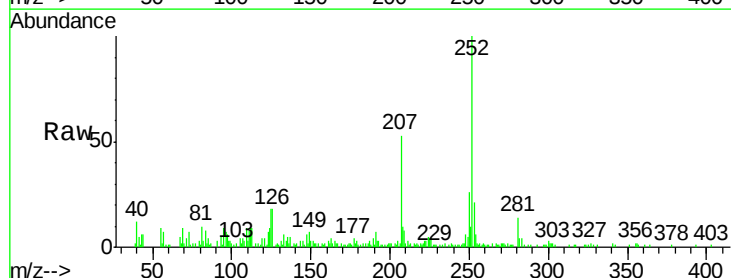
Tgt Ion:252 Resp: 57617

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

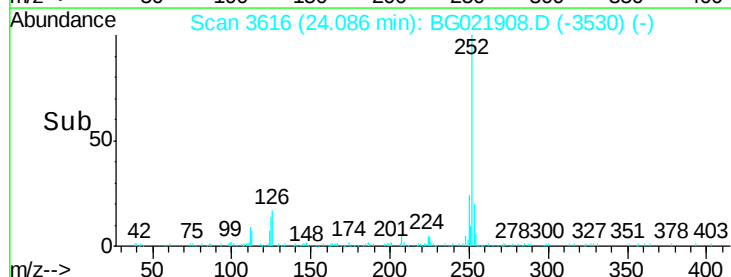
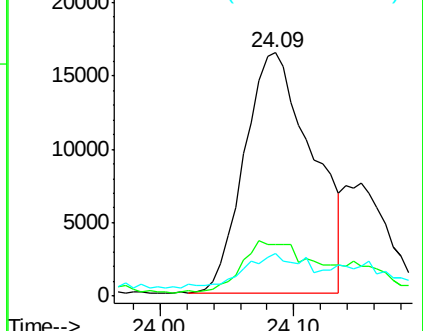
125 17.7 7.6 11.4#

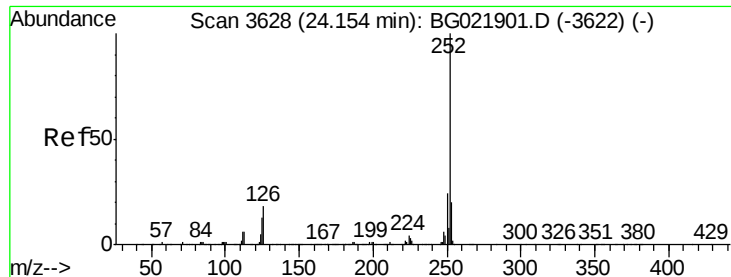


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#87

Benzo(k)fluoranthene

Concen: 1.90 ng/ul

RT: 24.09 min Scan# 3616

Delta R.T. -0.07 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

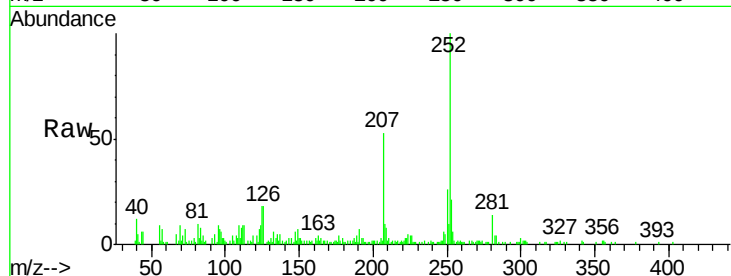
Instrument :

BNA_G

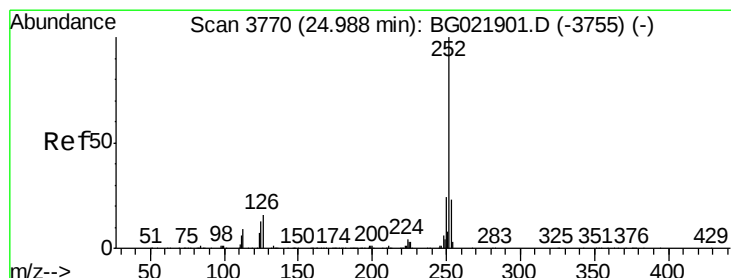
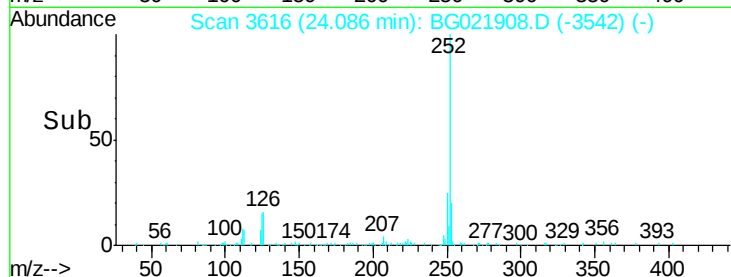
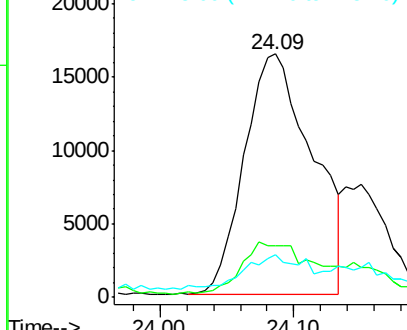
ClientSampleId :

D9XF6

Tot Ion:	252	Resp:	57617
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	17.7	7.7	11.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 1.19 ng/ul

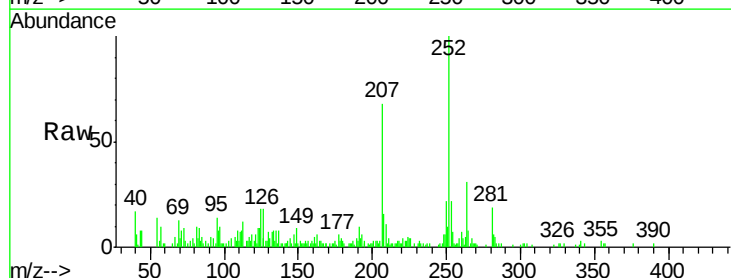
RT: 24.99 min Scan# 3770

Delta R.T. 0.00 min

Lab File: BG021908.D

Acq: 16 May 2016 16:05

Tgt Ion:	252	Resp:	33492
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	18.2	8.2	12.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

