

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023616.D
 Acq On : 11 Aug 2016 6:23
 Operator : UM/SJ
 Sample : H4384-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS001-1218-01

Quant Time: Aug 11 07:10:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	184740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	859225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	604941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1436186	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1409512	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1403088	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8811	2.03	ng/uL	0.00
5) Phenol-d5	7.26	99	272831	14.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	186002	15.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	192858	15.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	225763	15.54	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	106649	15.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	120007	15.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	227166	15.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	280314	16.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	865035	17.46	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	975912	17.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	132745	15.70	ng/ul	0.00
57) Fluorene-d10	15.78	176	792328	17.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	138882	15.07	ng/ul	0.00
70) Anthracene-d10	17.65	188	1187294	18.35	ng/ul	0.00
76) Pyrene-d10	19.94	212	1313822	18.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1178421	18.56	ng/ul	0.00

Target Compounds

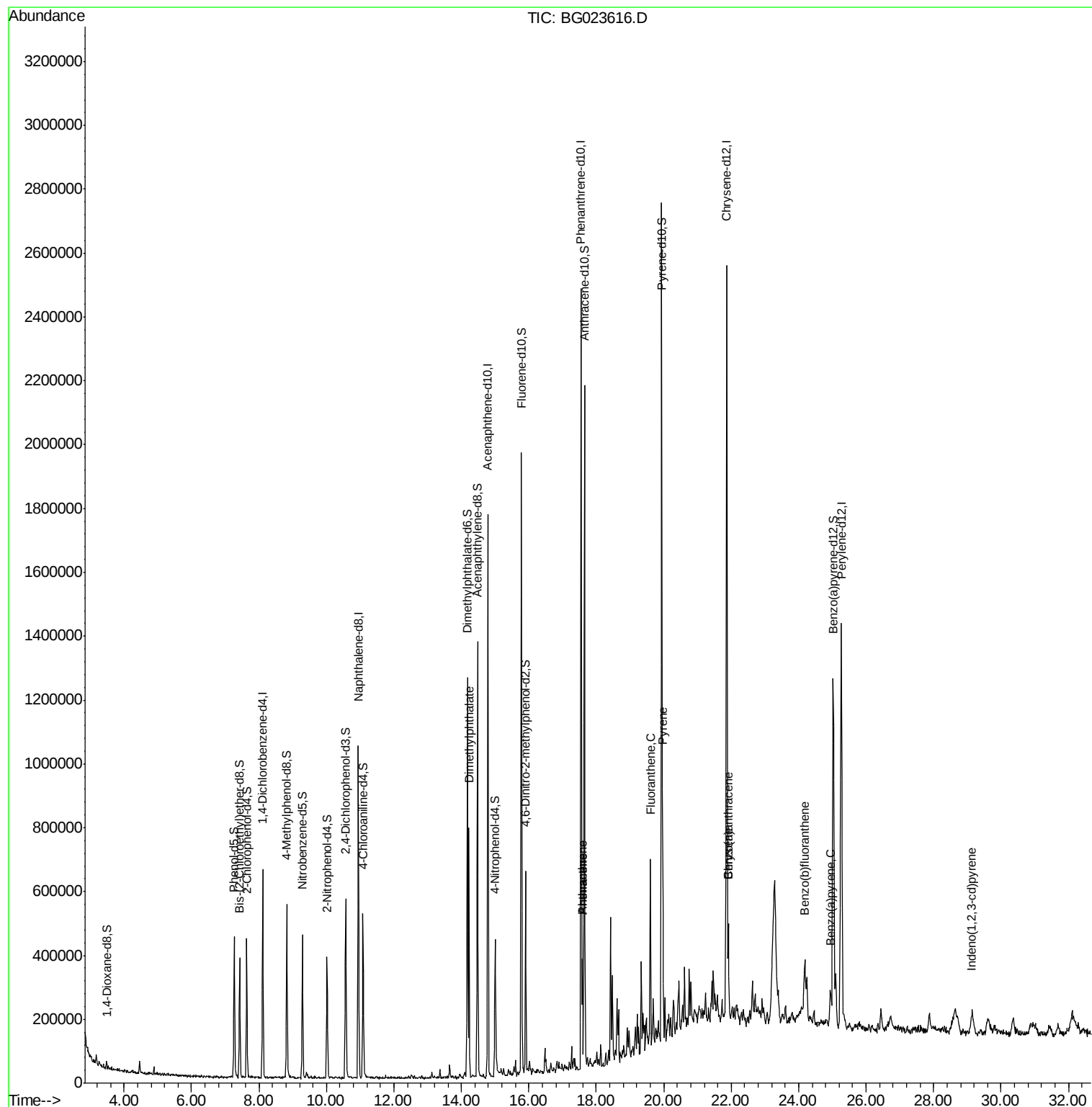
						Qvalue
44) Dimethylphthalate	14.22	163	501735	10.23	ng/ul	99
69) Phenanthrene	17.59	178	206093	2.77	ng/ul	95
71) Anthracene	17.59	178	207049	2.73	ng/ul	96
74) Fluoranthene	19.60	202	356757	4.69	ng/ul#	89
77) Pyrene	19.97	202	459303	5.27	ng/ul#	93
80) Benzo(a)anthracene	21.91	228	215356	2.71	ng/ul	92
82) Chrysene	21.91	228	216464	3.00	ng/ul#	94
85) Benzo(b)fluoranthene	24.18	252	206243	2.58	ng/ul#	95
88) Benzo(a)pyrene	24.95	252	121532	1.58	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.14	276	104630	1.16	ng/ul#	85

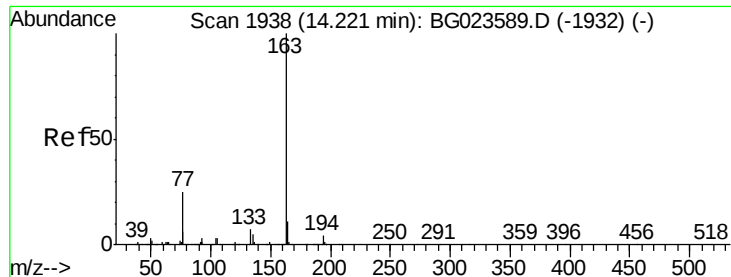
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 10.23 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Instrument :

BNA_G

ClientSampleId :

P002-SS001-1218-01

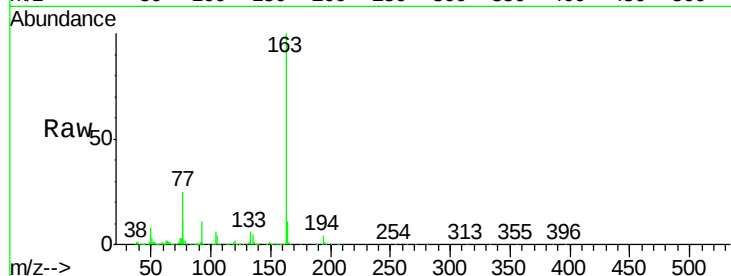
Tgt Ion:163 Resp: 501735

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

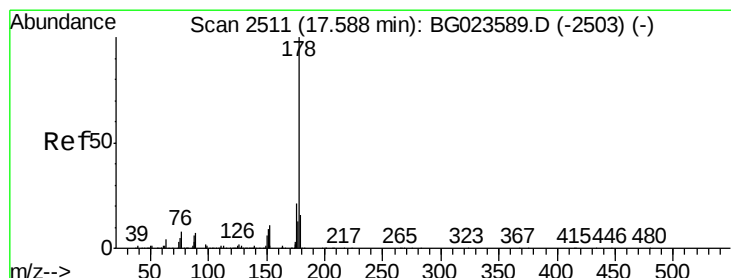
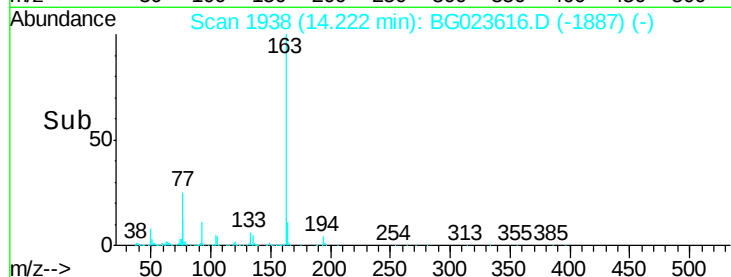
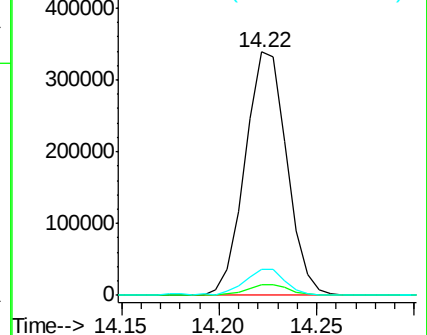
164 10.5 8.8 13.2



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



#69

Phenanthrene

Concen: 2.77 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

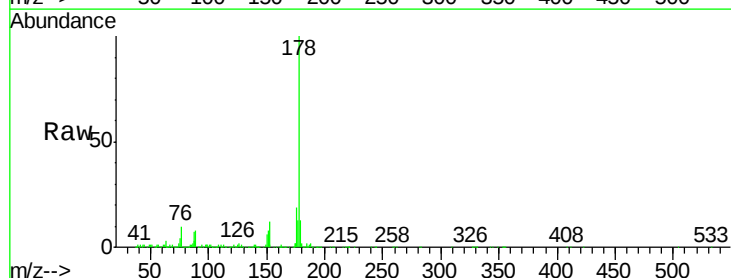
Tgt Ion:178 Resp: 206093

Ion Ratio Lower Upper

178 100

179 13.1 12.9 19.3

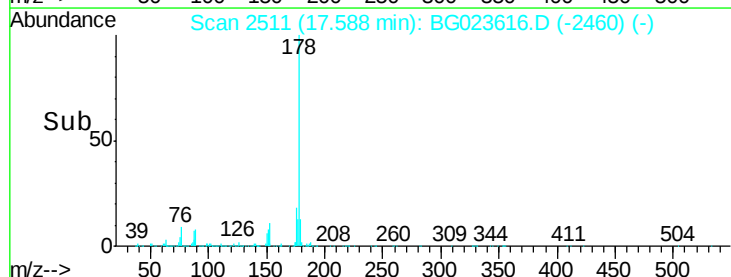
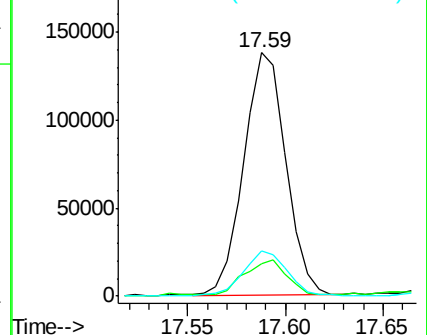
176 18.7 15.8 23.8

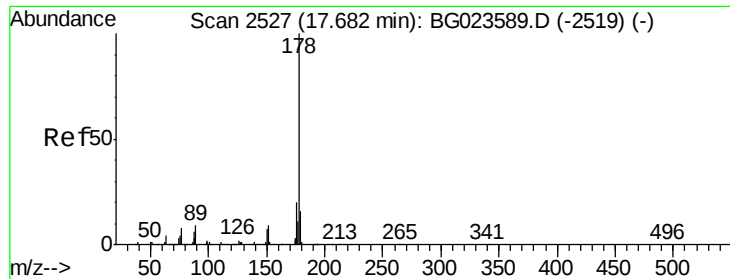


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.73 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.09 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Instrument :

BNA_G

ClientSampleId :

P002-SS001-1218-01

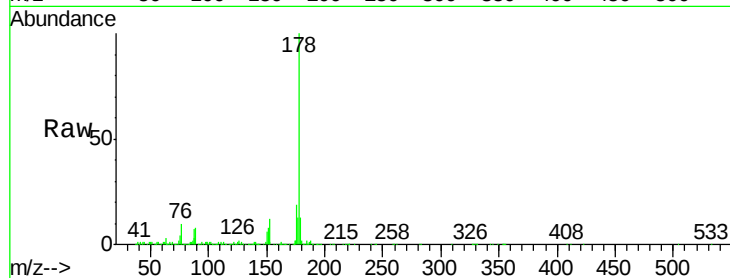
Tgt Ion:178 Resp: 207049

Ion Ratio Lower Upper

178 100

179 13.1 12.3 18.5

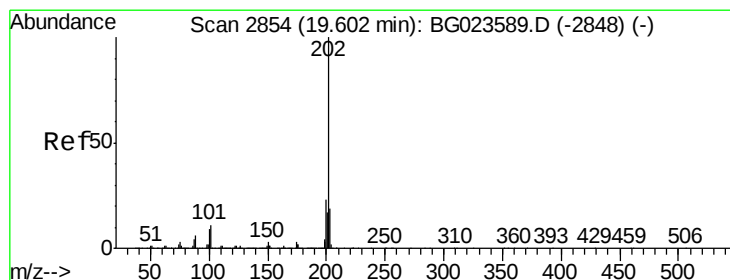
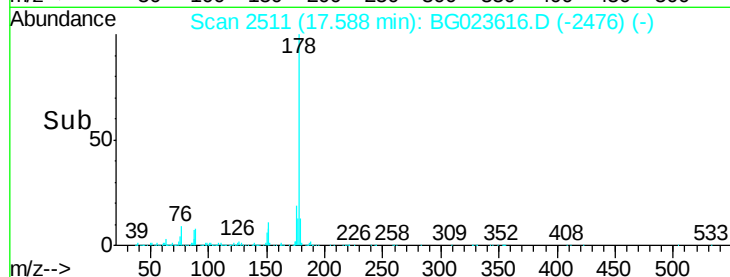
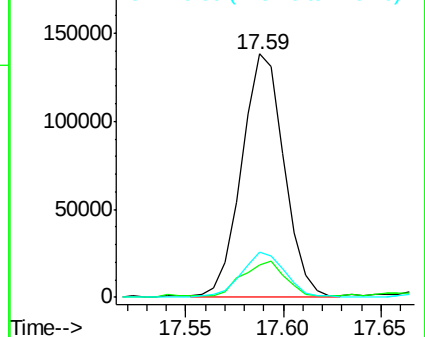
176 18.7 16.3 24.5



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



#74

Fluoranthene

Concen: 4.69 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

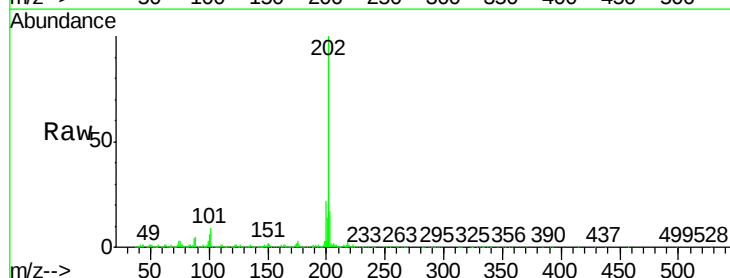
Tgt Ion:202 Resp: 356757

Ion Ratio Lower Upper

202 100

101 9.1 10.6 16.0#

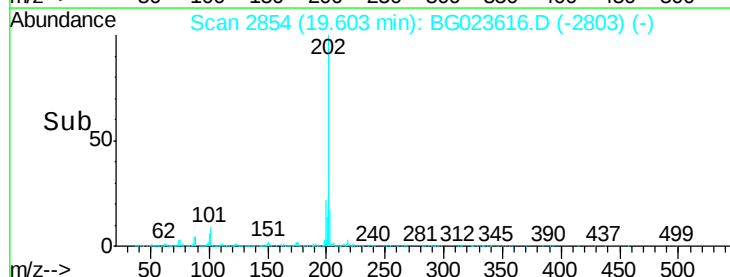
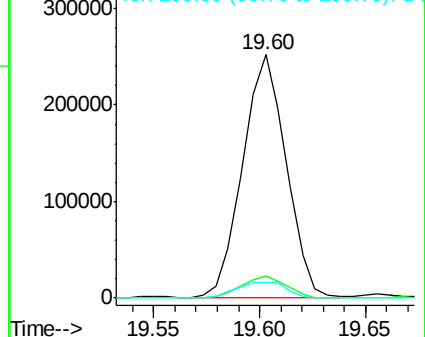
100 6.3 8.7 13.1#

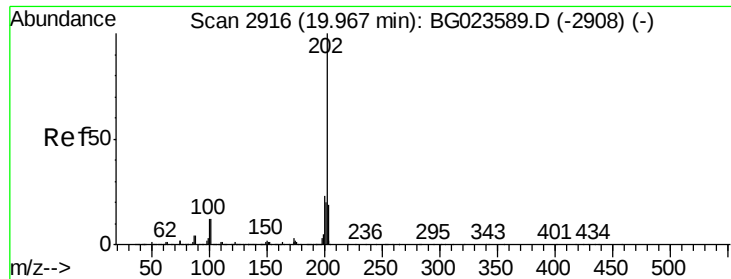


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.27 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

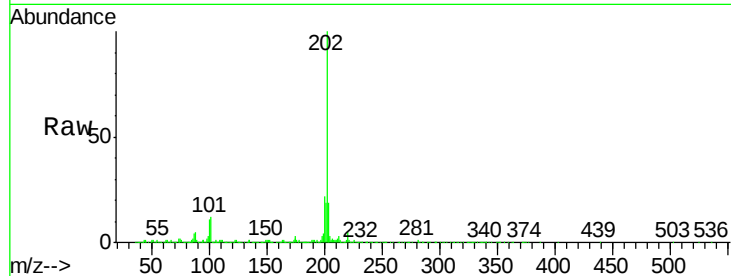
Instrument :

BNA_G

ClientSampleId :

P002-SS001-1218-01

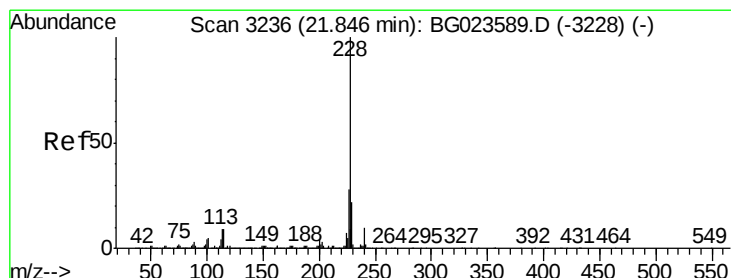
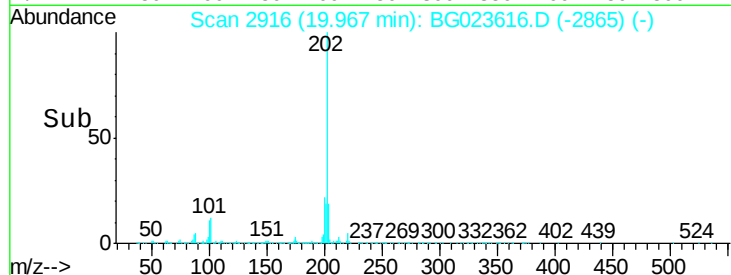
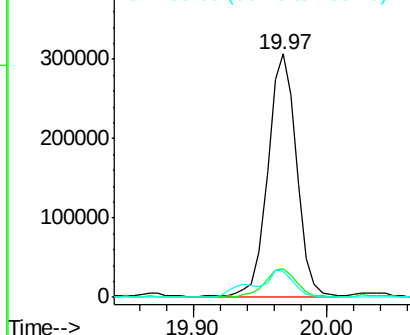
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	12.5	18.7#
100	10.9	10.2	15.4



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



#80

Benzo(a)anthracene

Concen: 2.71 ng/ul

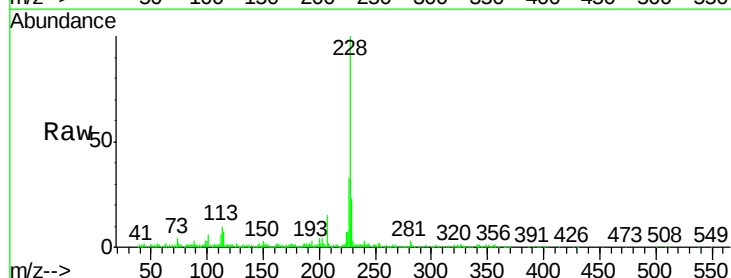
RT: 21.91 min Scan# 3247

Delta R.T. 0.06 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

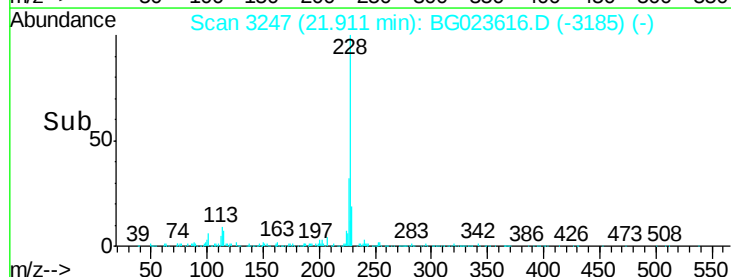
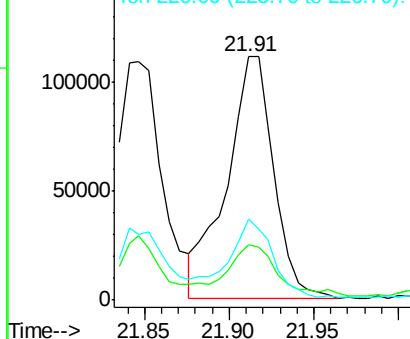
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.4	23.2
226	33.1	22.8	34.2

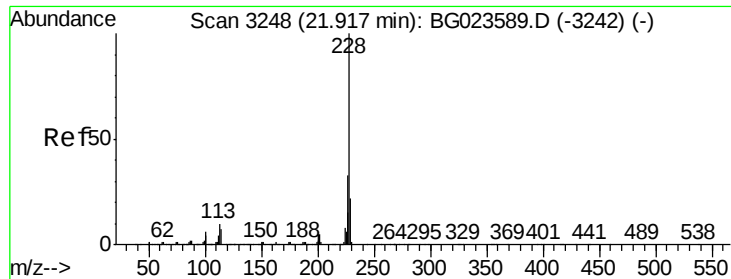


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.00 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Instrument :

BNA_G

ClientSampleId :

P002-SS001-1218-01

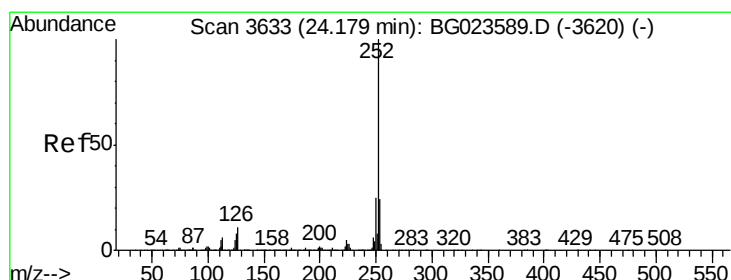
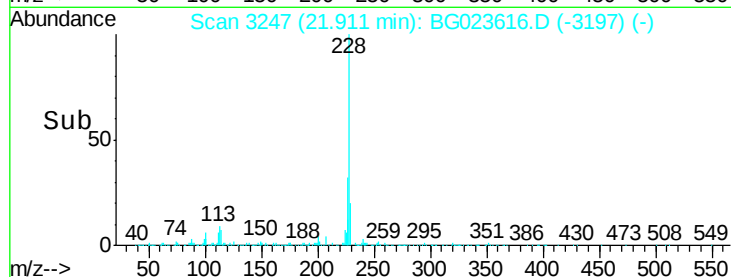
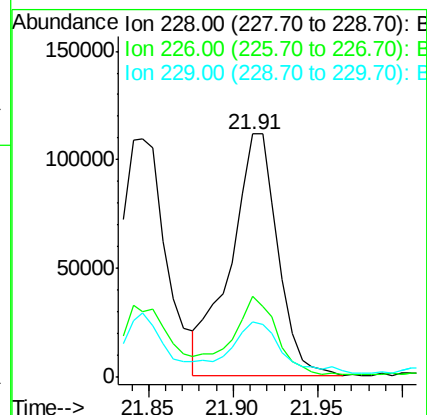
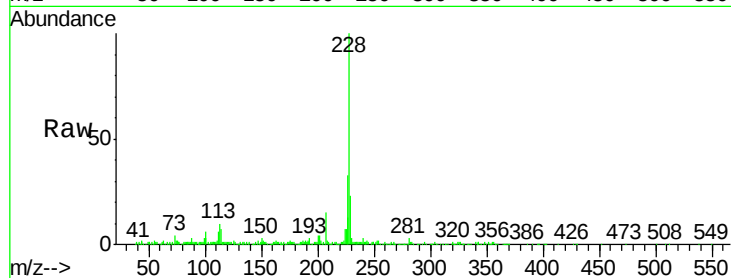
Tgt Ion: 228 Resp: 216464

Ion Ratio Lower Upper

228 100

226 33.1 24.2 36.4

229 22.6 15.0 22.6#



#85

Benzo(b)fluoranthene

Concen: 2.58 ng/ul

RT: 24.18 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

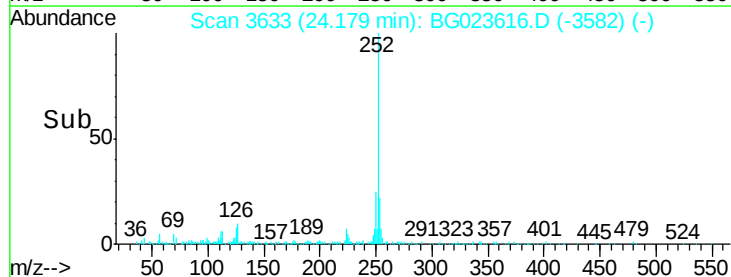
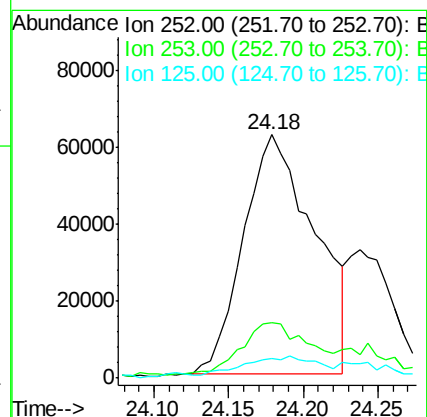
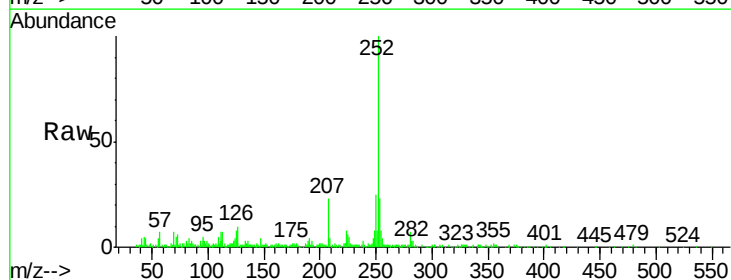
Tgt Ion: 252 Resp: 206243

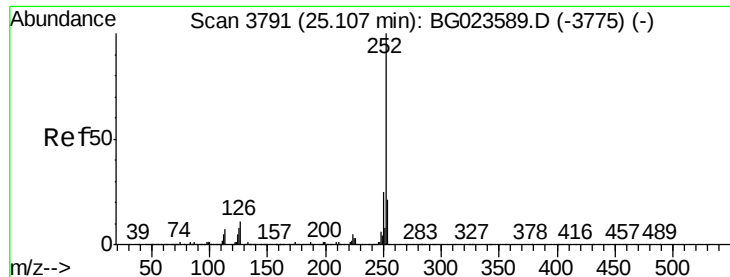
Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 8.2 10.8 16.2#





#88

Benzo(a)pyrene

Concen: 1.58 ng/ul

RT: 24.95 min Scan# 3764

Delta R.T. -0.16 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

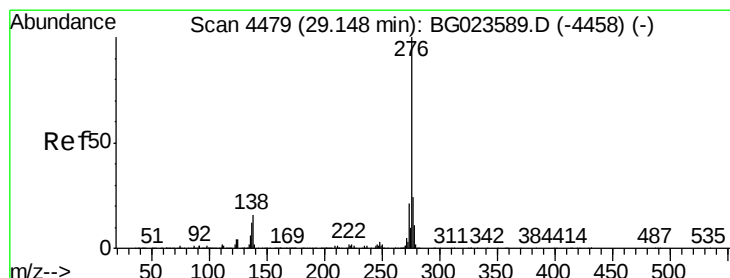
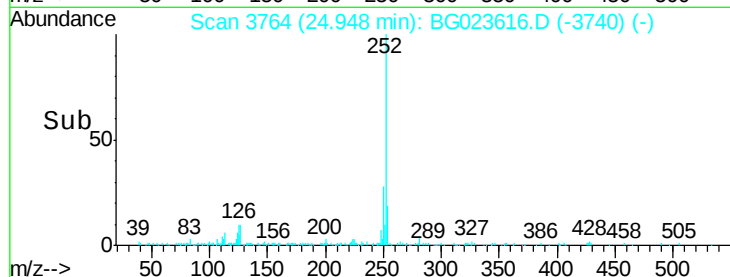
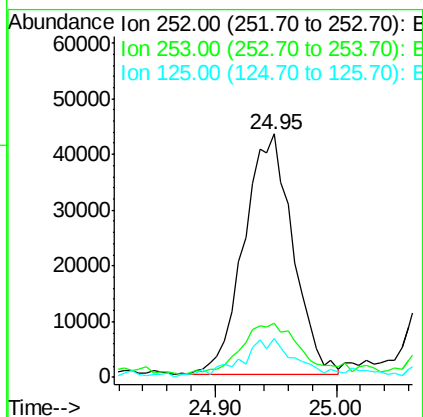
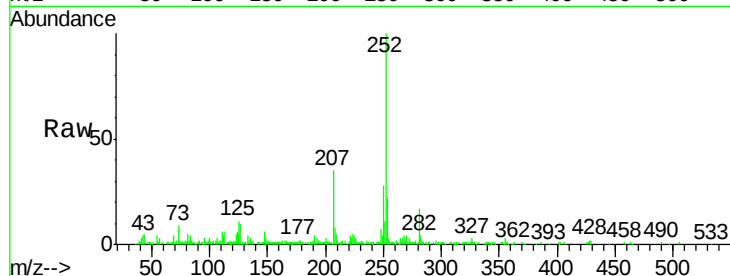
Instrument :

BNA_G

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P002-SS001-1218-01

Tgt Ion:	252	Resp:	121532
Ion Ratio	Lower	Upper	
252	100		
253	22.3	19.0	28.4
125	15.9	12.0	18.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.16 ng/ul

RT: 29.14 min Scan# 4477

Delta R.T. -0.01 min

Lab File: BG023616.D

Acq: 11 Aug 2016 6:23

Tgt Ion:	276	Resp:	104630
Ion Ratio	Lower	Upper	
276	100		
138	15.4	20.8	31.2#
277	26.1	17.6	26.4

