

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023614.D
 Acq On : 11 Aug 2016 5:07
 Operator : UM/SJ
 Sample : H4384-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-0206-01

Quant Time: Aug 11 05:54:52 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	183324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	841353	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	614769	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1430244	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1375020	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1384680	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	12634	2.93	ng/uL	0.00
5) Phenol-d5	7.27	99	350468	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	229485	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	248431	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	270519	18.76	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	139683	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	161328	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	1521	0.11	ng/ul	0.08
29) 4-Chloroaniline-d4	11.09	131	354359	21.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1042357	20.71	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1199204	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	165592	19.27	ng/ul	0.00
57) Fluorene-d10	15.78	176	954610	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	180047	19.62	ng/ul	0.00
70) Anthracene-d10	17.65	188	1382490	21.45	ng/ul	0.00
76) Pyrene-d10	19.94	212	1449924	20.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1364403	21.77	ng/ul	0.00

Target Compounds

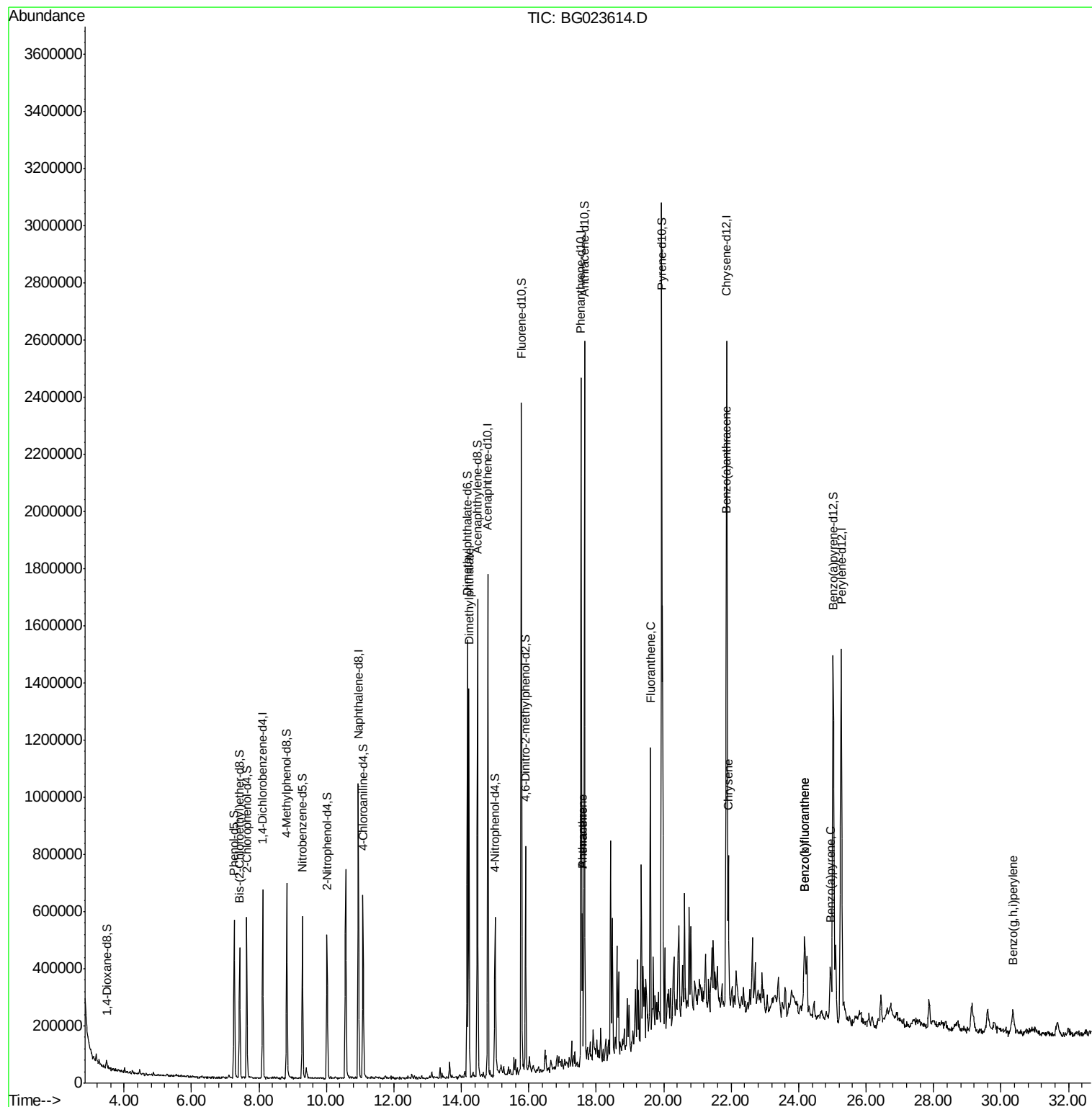
						Qvalue
44) Dimethylphthalate	14.22	163	859136	17.24	ng/ul	99
69) Phenanthrene	17.59	178	315444	4.26	ng/ul	99
71) Anthracene	17.59	178	315444	4.17	ng/ul	99
74) Fluoranthene	19.60	202	570092	7.52	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	340386	4.40	ng/ul#	95
82) Chrysene	21.91	228	397290	5.64	ng/ul#	92
85) Benzo(b)fluoranthene	24.18	252	316597	4.02	ng/ul#	96
86) Benzo(k)fluoranthene	24.18	252	316597	4.08	ng/ul#	95
88) Benzo(a)pyrene	24.94	252	198858	2.62	ng/ul	96
91) Benzo(g,h,i)perylene	30.35	276	154257	2.08	ng/ul#	81

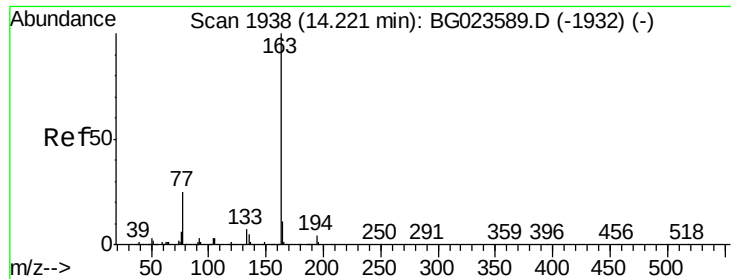
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 17.24 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

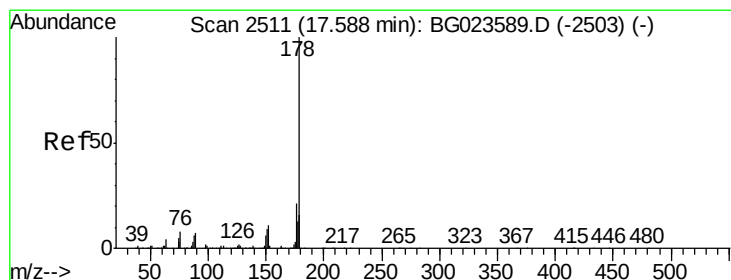
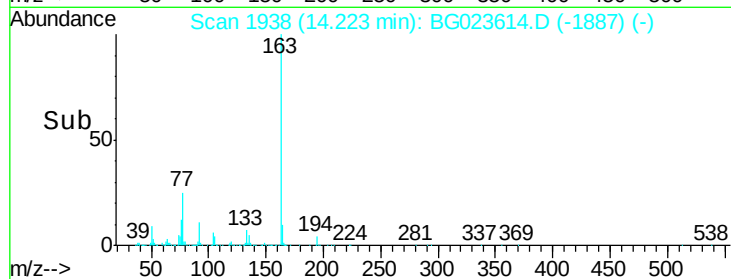
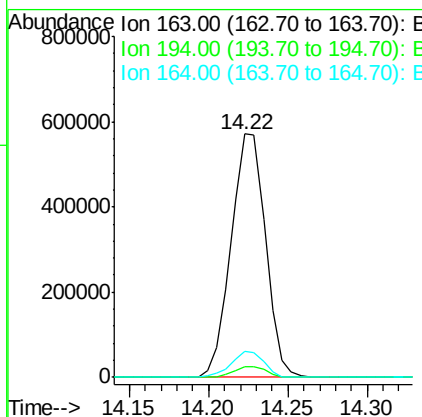
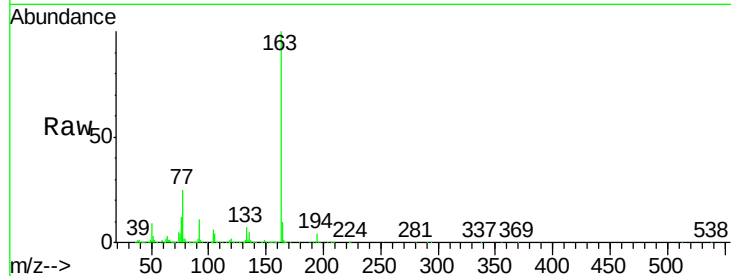
Instrument :

BNA_G

ClientSampleId :

P001-SS001-0206-01

Tgt Ion:	163	Resp:	859136
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.8	13.2



#69

Phenanthrene

Concen: 4.26 ng/ul

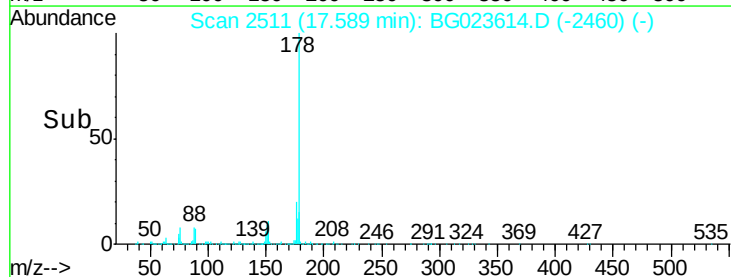
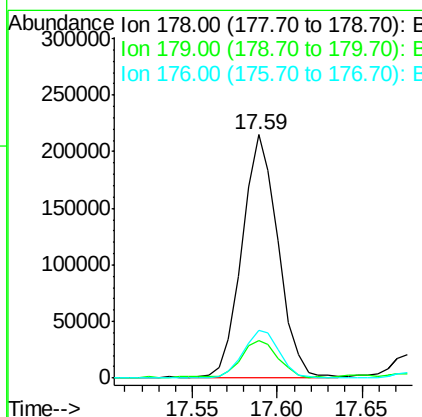
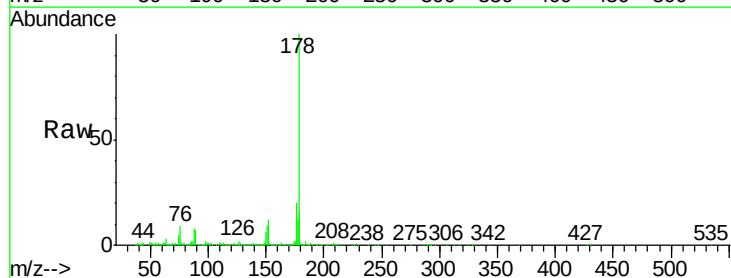
RT: 17.59 min Scan# 2511

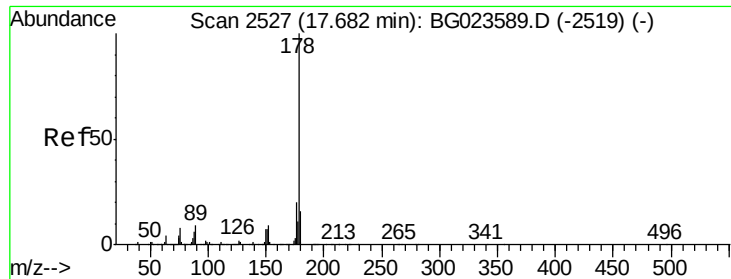
Delta R.T. 0.00 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

Tgt Ion:	178	Resp:	315444
Ion Ratio		Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.9	15.8	23.8





#71

Anthracene

Concen: 4.17 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.09 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

Instrument :

BNA_G

ClientSampleId :

P001-SS001-0206-01

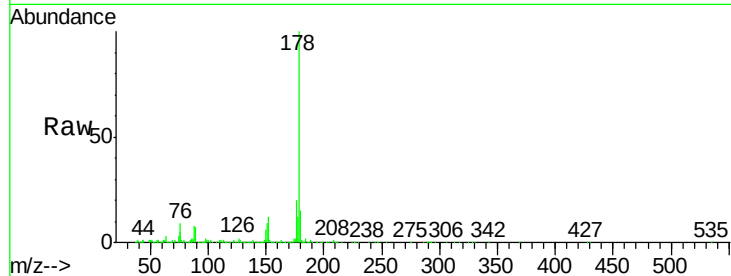
Tgt Ion:178 Resp: 315444

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

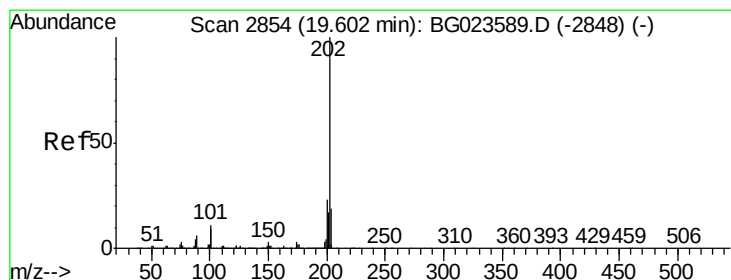
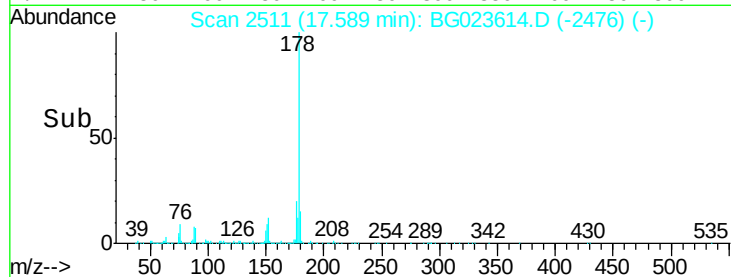
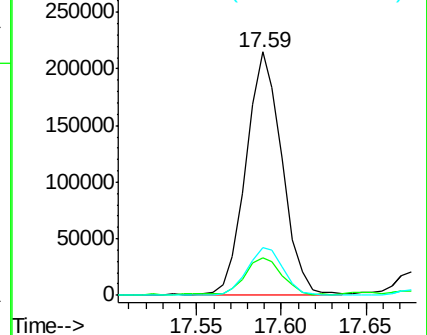
176 19.9 16.3 24.5



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: 7.52 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

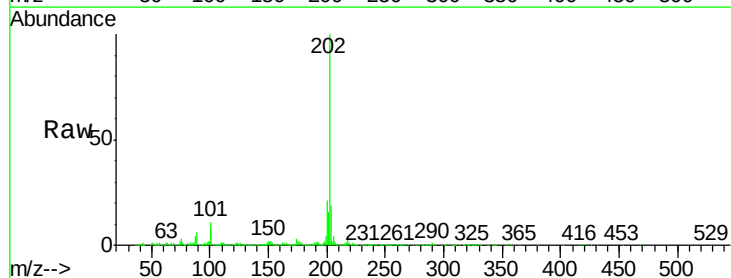
Tgt Ion:202 Resp: 570092

Ion Ratio Lower Upper

202 100

101 11.1 10.6 16.0

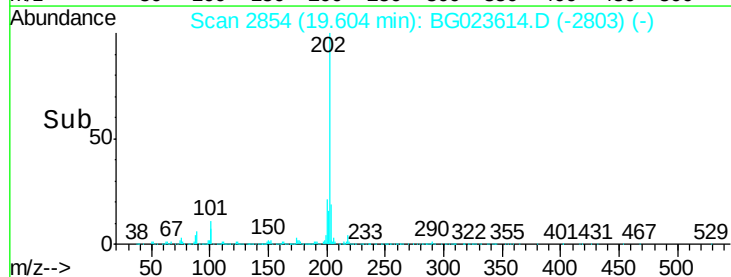
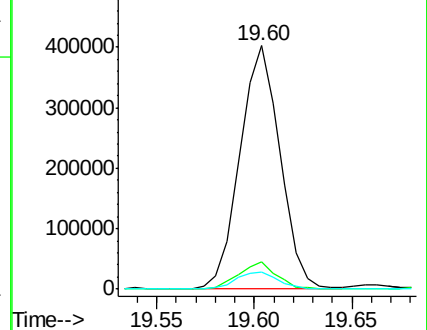
100 7.2 8.7 13.1#

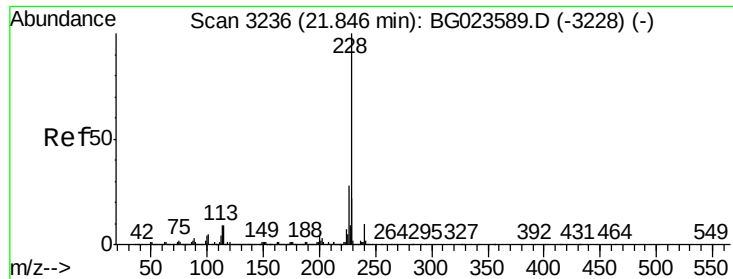


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.40 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

Instrument :

BNA_G

ClientSampleId :

P001-SS001-0206-01

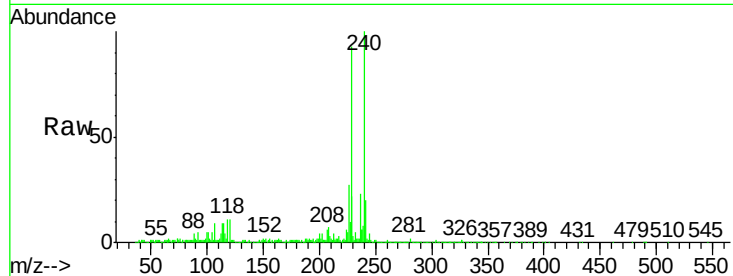
Tgt Ion:228 Resp: 340386

Ion Ratio Lower Upper

228 100

229 23.4 15.4 23.2#

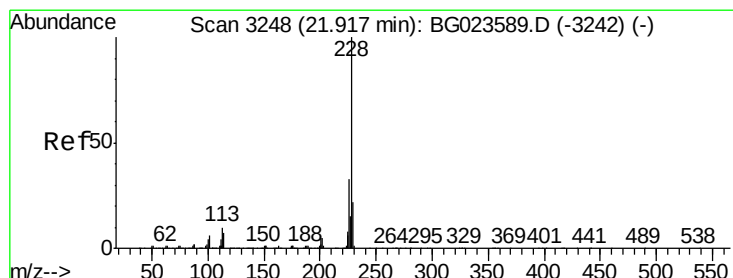
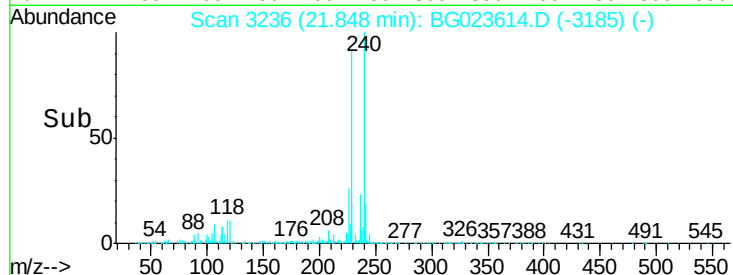
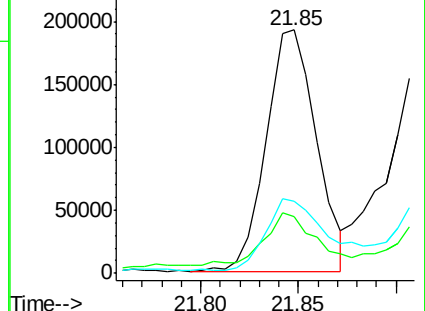
226 29.6 22.8 34.2



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: 5.64 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

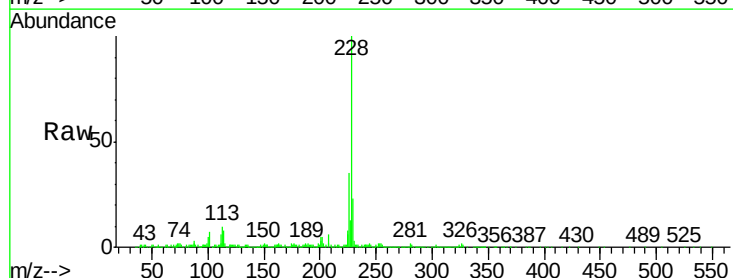
Tgt Ion:228 Resp: 397290

Ion Ratio Lower Upper

228 100

226 34.6 24.2 36.4

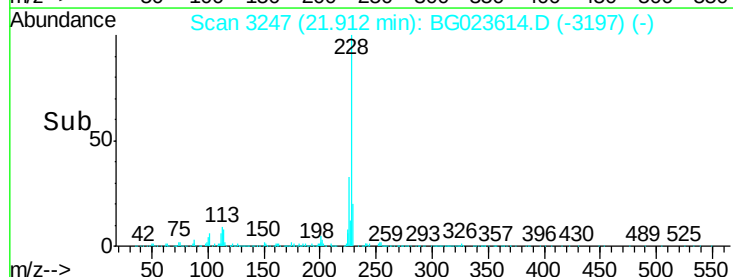
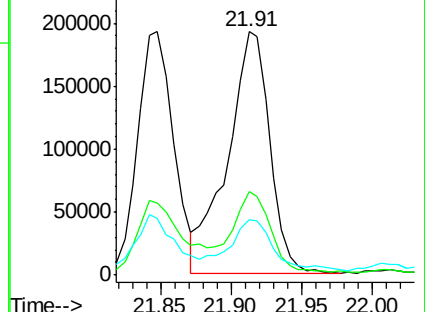
229 22.6 15.0 22.6#

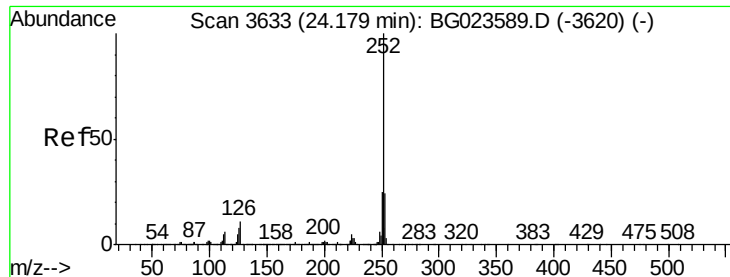


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 4.02 ng/ul

RT: 24.18 min Scan# 3633

Delta R.T. 0.00 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

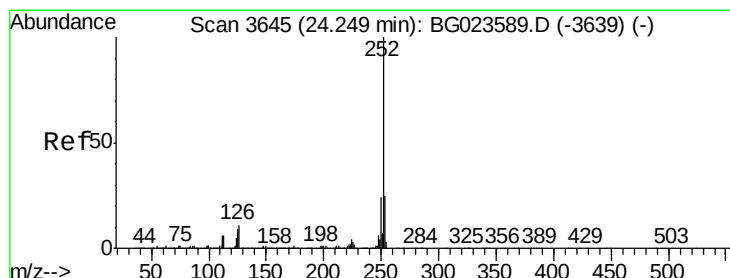
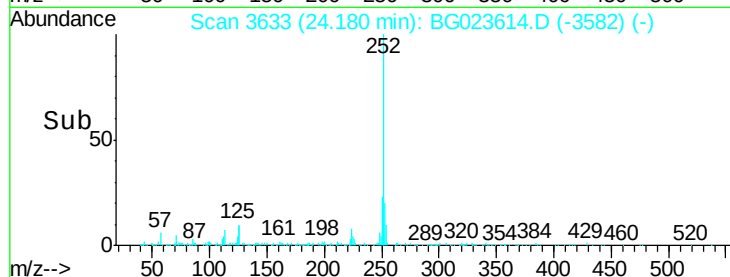
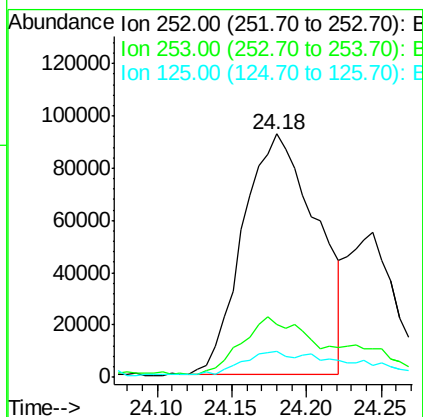
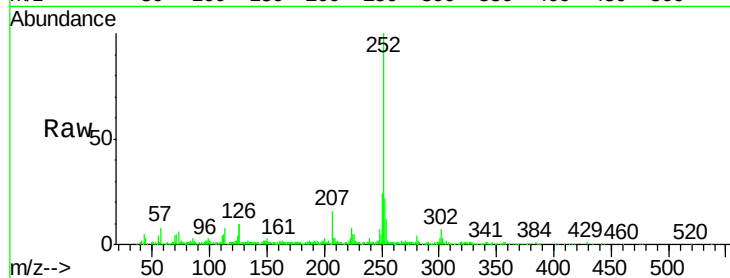
Instrument :

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Tgt Ion:	252	Resp:	316597
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.4	10.8	16.2#



#86

Benzo(k)fluoranthene

Concen: 4.08 ng/ul

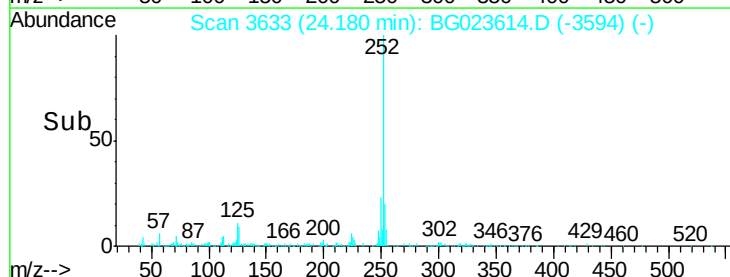
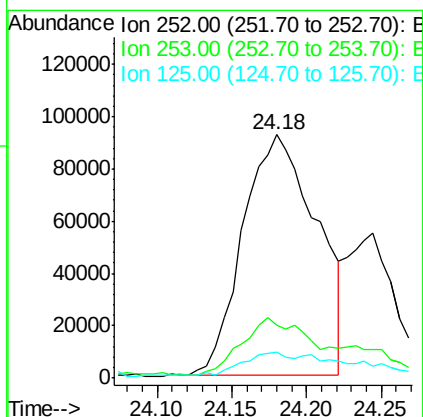
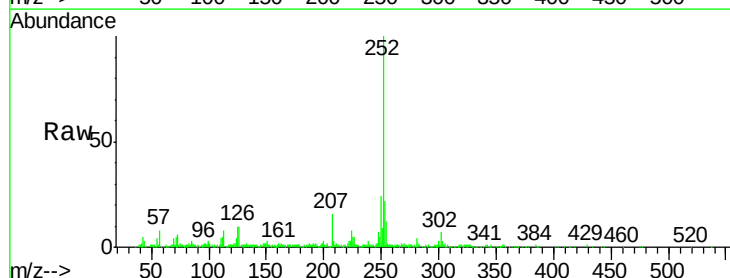
RT: 24.18 min Scan# 3633

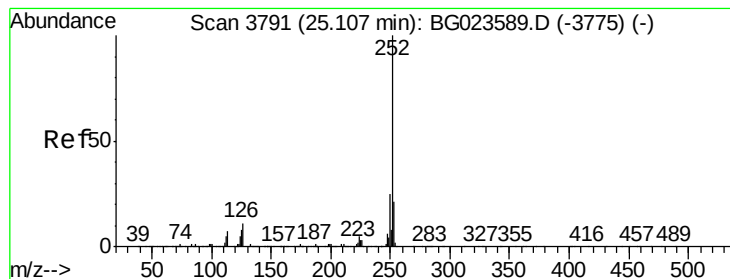
Delta R.T. -0.07 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

Tgt Ion:	252	Resp:	316597
Ion	Ratio	Lower	Upper
252	100		
253	21.6	15.8	23.6
125	10.4	10.6	16.0#





#88

Benzo(a)pyrene

Concen: 2.62 ng/ul

RT: 24.94 min Scan# 3763

Delta R.T. -0.16 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

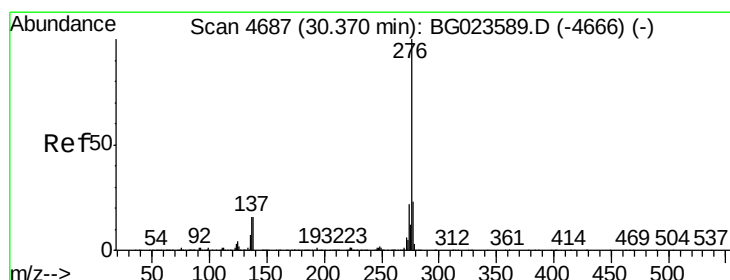
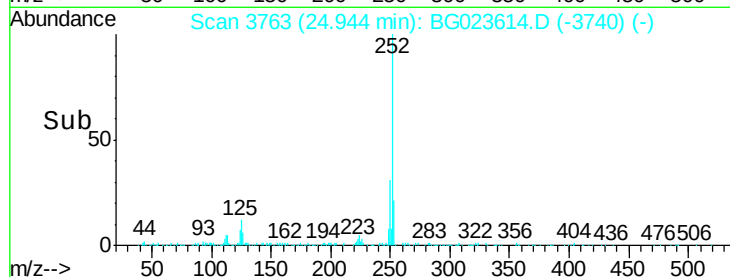
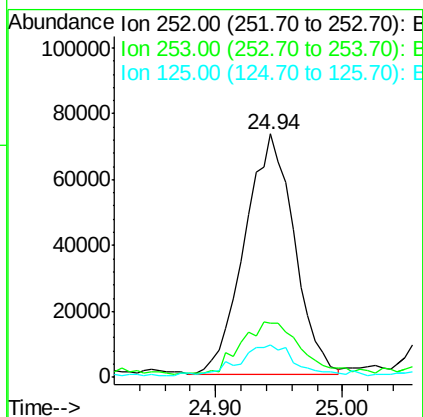
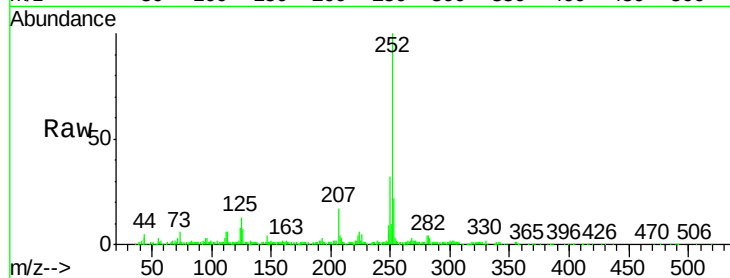
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	252	Resp:	198858
Ion Ratio		Lower	Upper
252	100		
253	22.1	19.0	28.4
125	13.2	12.0	18.0



#91

Benzo(g,h,i)perylene

Concen: 2.08 ng/ul

RT: 30.35 min Scan# 4684

Delta R.T. -0.02 min

Lab File: BG023614.D

Acq: 11 Aug 2016 5:07

Tgt Ion:	276	Resp:	154257
Ion Ratio		Lower	Upper
276	100		
138	11.2	22.1	33.1#
277	20.3	17.0	25.4

