

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023652.D
 Acq On : 12 Aug 2016 12:25
 Operator : UM/SJ
 Sample : H4360-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-0206-02

Quant Time: Aug 13 01:32:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 01:31:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	131225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	729552	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	578715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1392115	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1130363	20.00	ng/ul	-0.01
83) Perylene-d12	25.29	264	1143537	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1906	0.62	ng/uL	0.00
5) Phenol-d5	7.27	99	175718	13.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	98004	11.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	133142	14.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	138600	13.43	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	65019	11.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	127788	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	206455	16.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	54462	3.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	563826	11.90	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	670698	12.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	76287	9.43	ng/ul	0.00
57) Fluorene-d10	15.78	176	550759	12.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	32937	3.69	ng/ul	0.00
70) Anthracene-d10	17.65	188	835431	13.32	ng/ul	0.00
76) Pyrene-d10	19.94	212	762464	13.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	658907	12.73	ng/ul	-0.01

Target Compounds

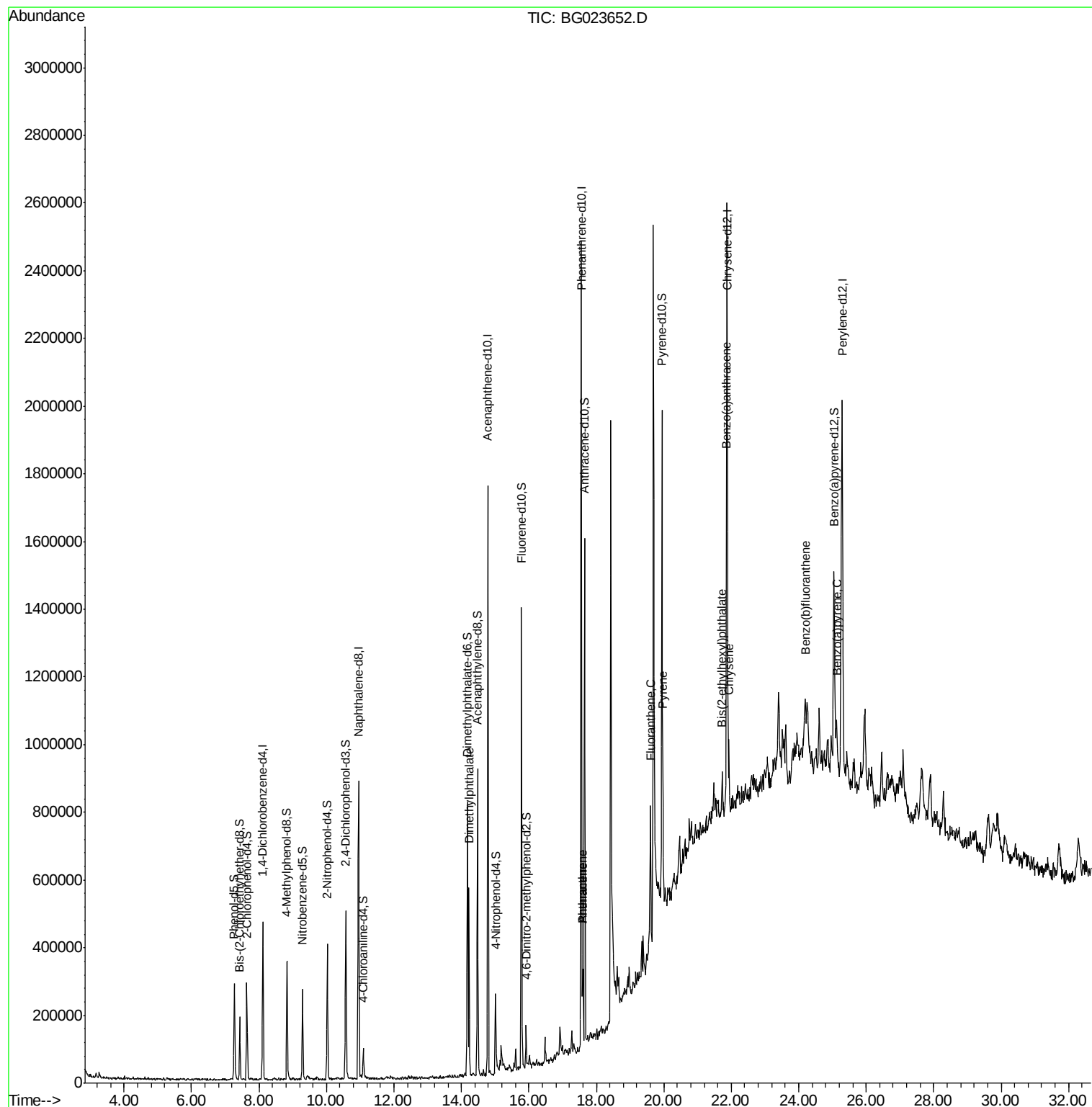
						Qvalue
44) Dimethylphthalate	14.22	163	358864	7.65	ng/ul	99
69) Phenanthrene	17.60	178	136386	1.89	ng/ul	100
71) Anthracene	17.60	178	136499	1.86	ng/ul	98
74) Fluoranthene	19.61	202	251588	3.41	ng/ul#	91
77) Pyrene	19.97	202	268960	3.85	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	102239	1.61	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.73	149	47085	1.32	ng/ul#	95
82) Chrysene	21.93	228	127303	2.20	ng/ul	92
85) Benzo(b)fluoranthene	24.19	252	161218	2.48	ng/ul#	76
88) Benzo(a)pyrene	25.12	252	112297	1.79	ng/ul#	88

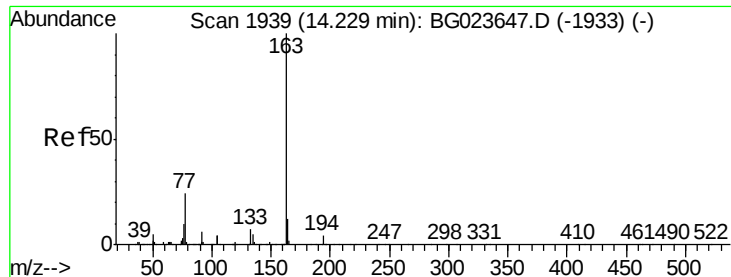
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.65 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-02

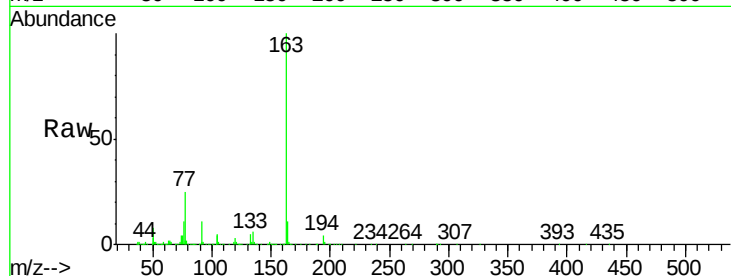
Tgt Ion:163 Resp: 358864

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

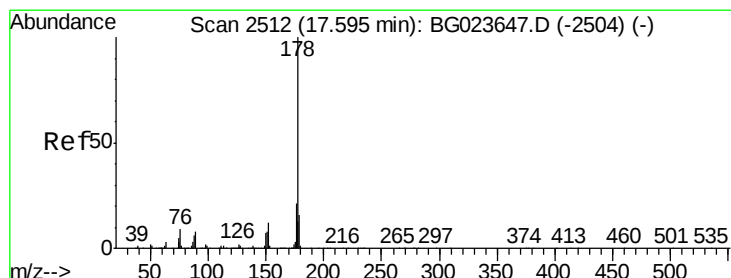
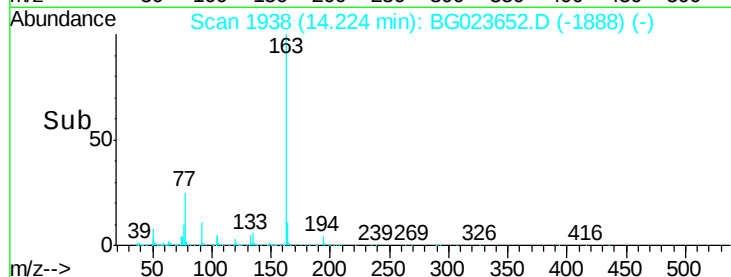
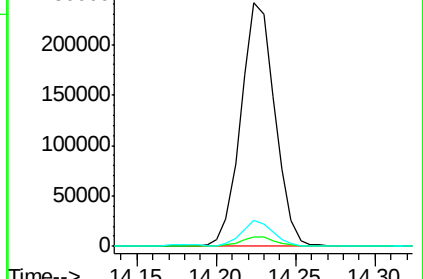
164 10.7 8.8 13.2



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: 1.89 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

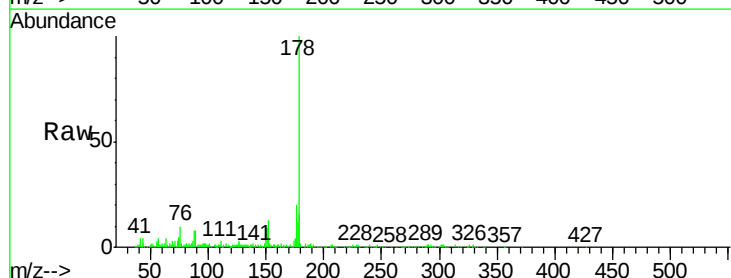
Tgt Ion:178 Resp: 136386

Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

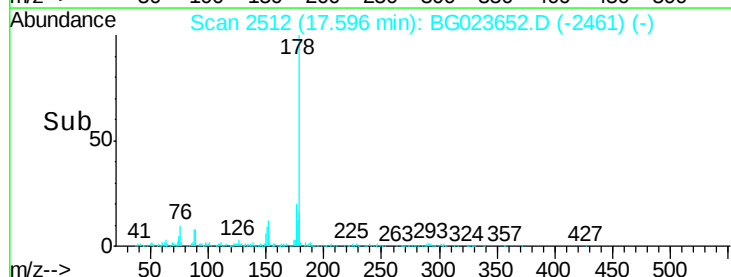
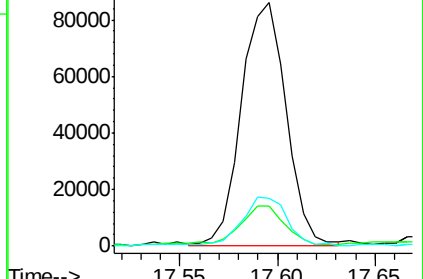
176 19.8 15.8 23.8

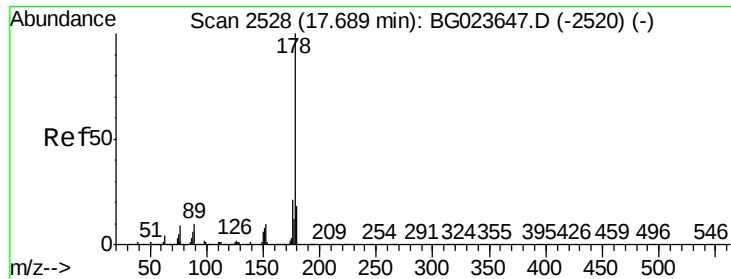


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.86 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.09 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

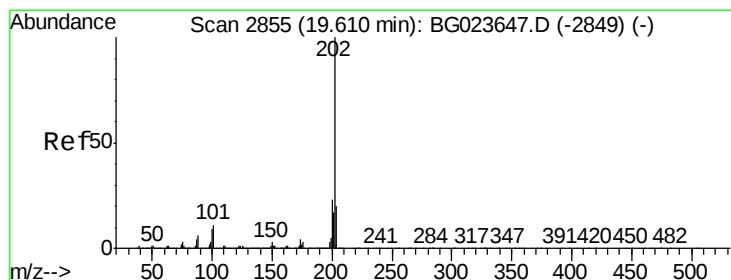
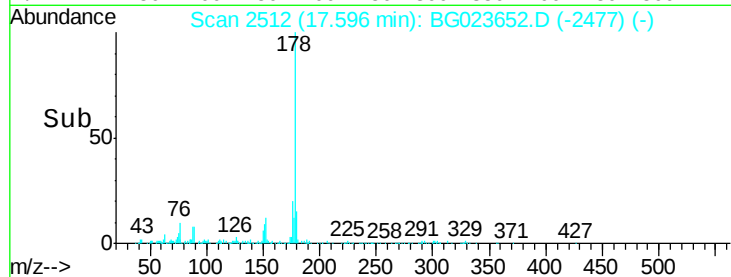
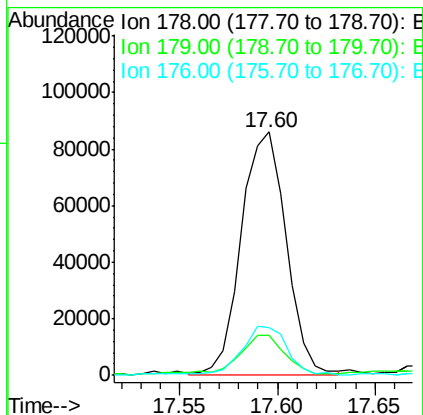
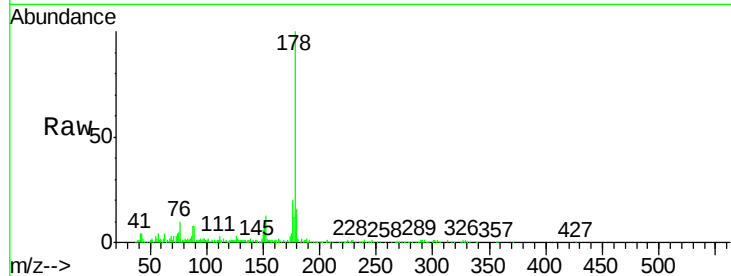
Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-02

Tgt Ion:	178	Resp:	136499
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.8	16.3	24.5



#74

Fluoranthene

Concen: 3.41 ng/ul

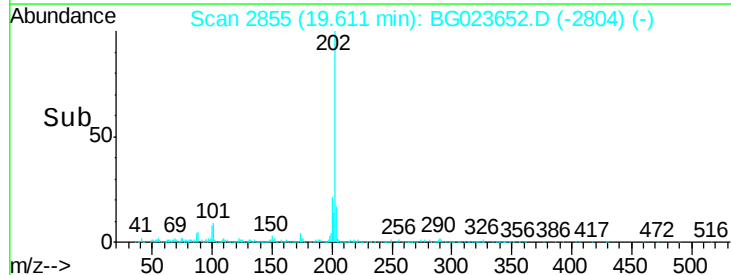
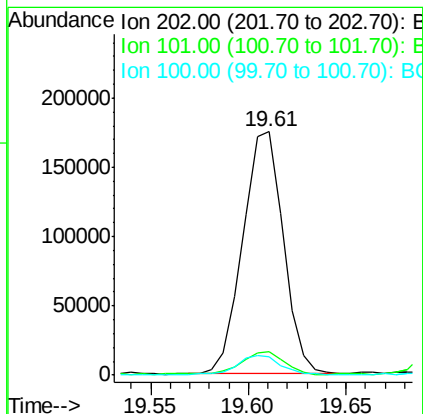
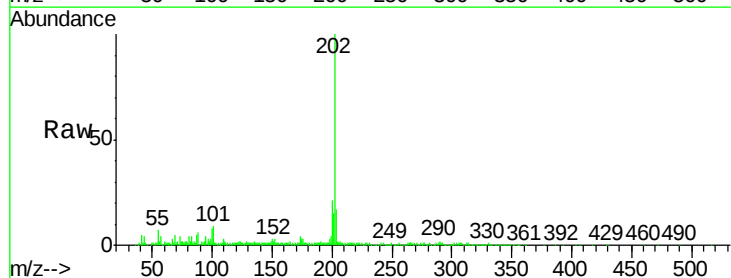
RT: 19.61 min Scan# 2855

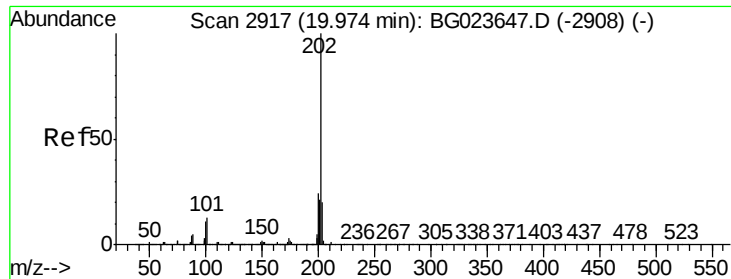
Delta R.T. 0.00 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Tgt Ion:	202	Resp:	251588
Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.6	16.0#
100	7.6	8.7	13.1#





#77

Pyrene

Concen: 3.85 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

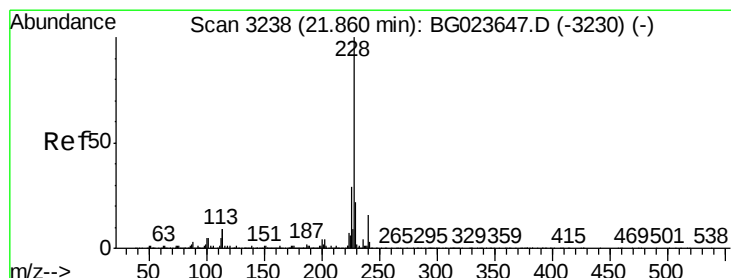
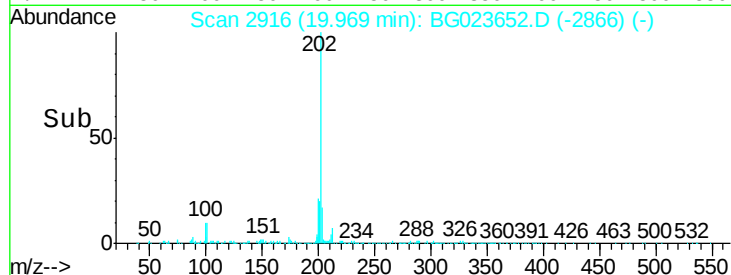
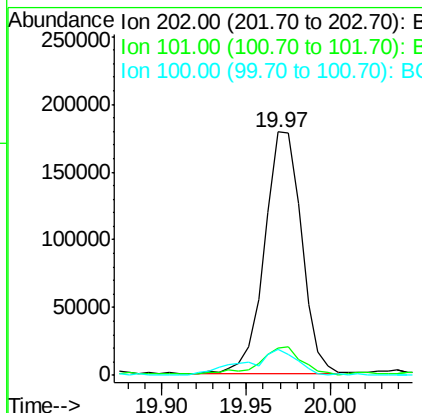
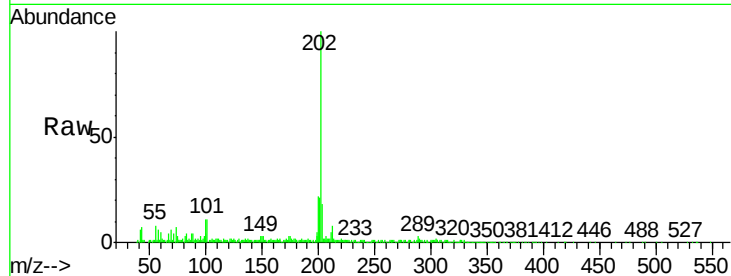
Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-02

Tgt Ion:	202	Resp:	268960
Ion Ratio	Lower	Upper	
202	100		
101	11.3	12.5	18.7#
100	10.6	10.2	15.4



#80

Benzo(a)anthracene

Concen: 1.61 ng/ul

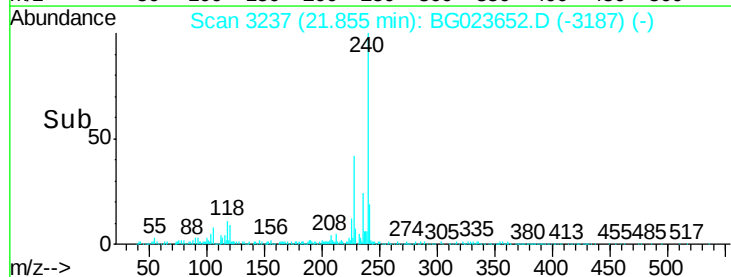
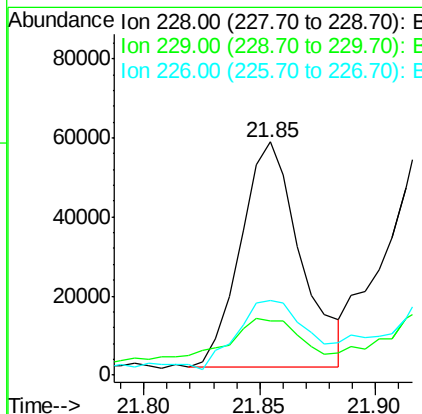
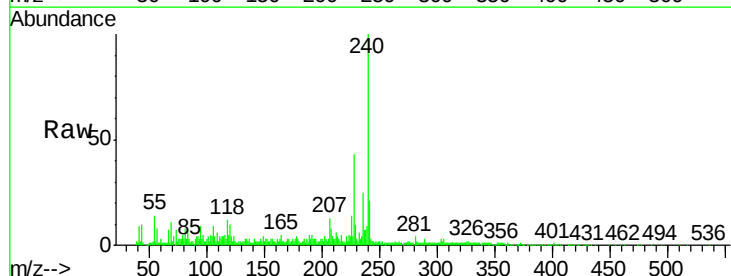
RT: 21.85 min Scan# 3237

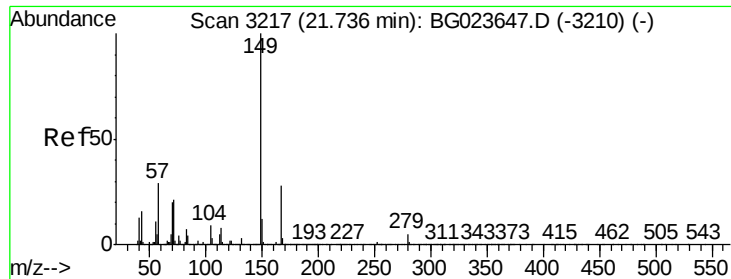
Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Tgt Ion:	228	Resp:	102239
Ion Ratio	Lower	Upper	
228	100		
229	23.1	15.4	23.2
226	32.1	22.8	34.2

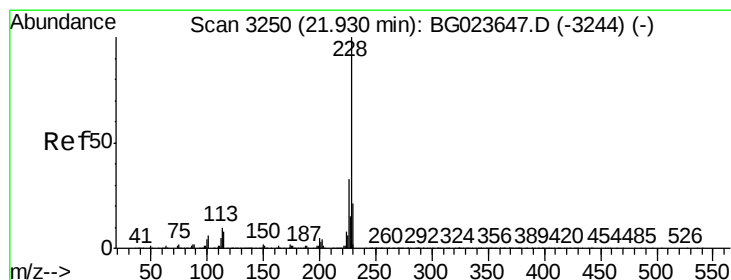
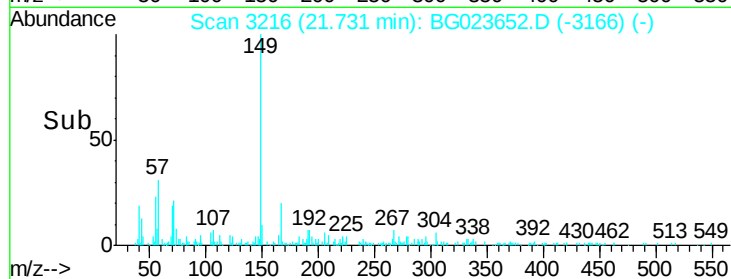
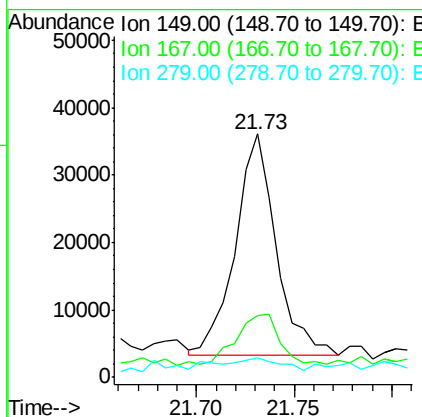
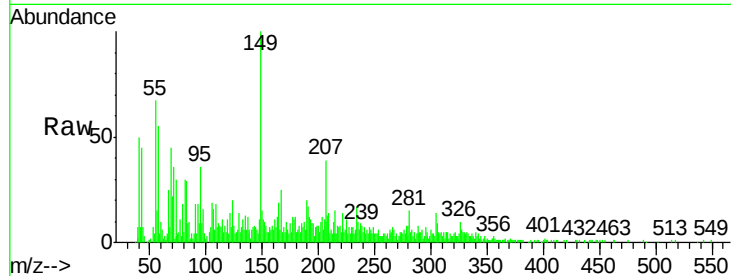




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.32 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.01 min
 Lab File: BG023652.D
 Acq: 12 Aug 2016 12:25

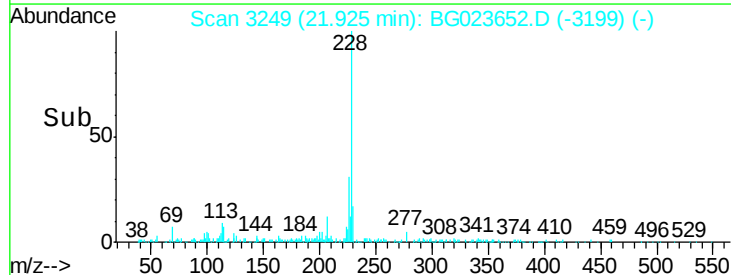
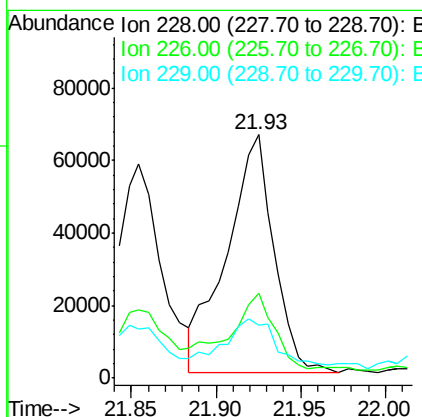
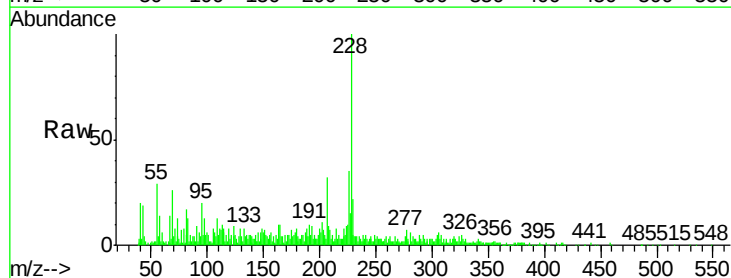
Instrument :
 BNA_G
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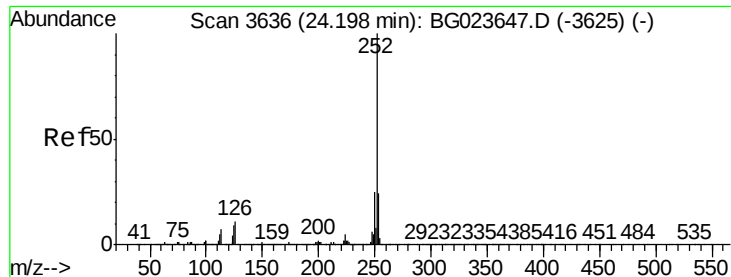
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.9	32.9
279	7.8	2.9	4.3#



#82
 Chrysene
 Concen: 2.20 ng/ul
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.01 min
 Lab File: BG023652.D
 Acq: 12 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.2	36.4
229	21.8	15.0	22.6





#85

Benzo(b)fluoranthene

Concen: 2.48 ng/ul

RT: 24.19 min Scan# 3635

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

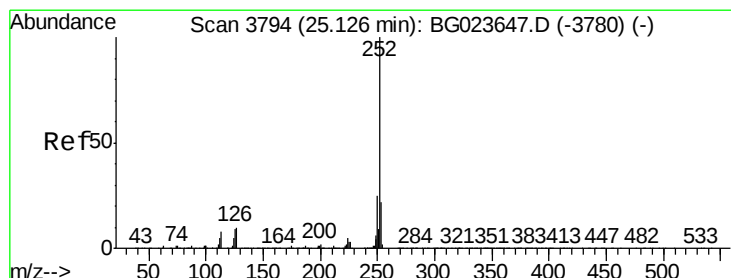
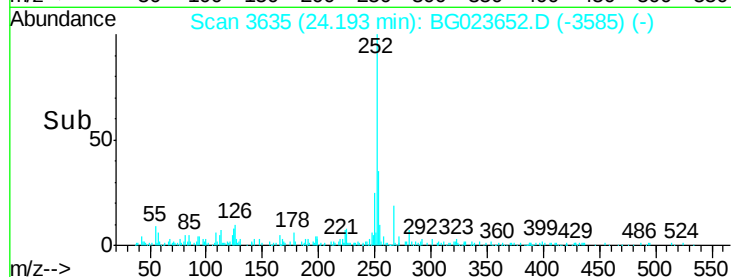
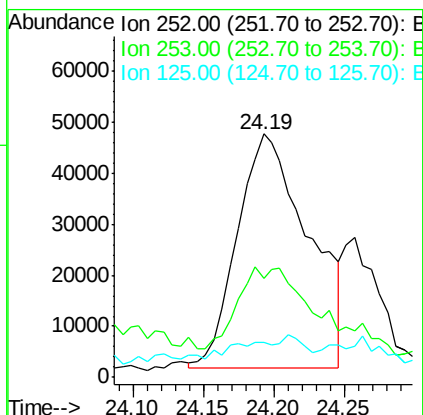
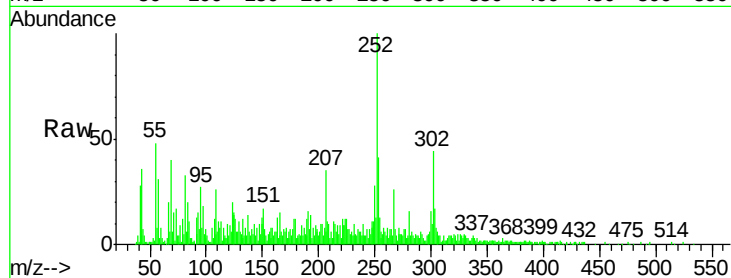
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	252	Resp:	161218
Ion Ratio	Lower	Upper	
252	100		
253	40.8	18.2	27.2#
125	14.5	10.8	16.2



#88

Benzo(a)pyrene

Concen: 1.79 ng/ul

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG023652.D

Acq: 12 Aug 2016 12:25

Tgt Ion:	252	Resp:	112297
Ion Ratio	Lower	Upper	
252	100		
253	31.1	19.0	28.4#
125	17.9	12.0	18.0

