

Data File : BG030762.D
Acq On : 6 Nov 2017 5:59
Operator : SJ/JU
Sample : I6126-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0EG8

Quant Time: Nov 06 07:44:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73250	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	334077	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	226743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	533349	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	539435	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	557254	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6198	3.44	ng/uL	0.00
5) Phenol-d5	7.32	99	113122	16.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	68916	15.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	96604	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	67214	11.84	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	48512	20.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	56866	23.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	101673	18.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	88725	13.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	362259	18.69	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	452079	19.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	44022	12.30	ng/ul	0.00
57) Fluorene-d10	15.76	176	342300	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	11174	4.29	ng/ul	0.00
70) Anthracene-d10	17.61	188	509989	20.22	ng/ul	0.00
76) Pyrene-d10	19.89	212	554393	19.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	529517	20.06	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	7.35	94	18967	2.61	ng/ul	89
44) Dimethylphthalate	14.22	163	165790	8.77	ng/ul	99
69) Phenanthrene	17.55	178	53448	1.85	ng/ul	99
74) Fluoranthene	19.55	202	77794	2.41	ng/ul	98
77) Pyrene	19.91	202	98157	2.72	ng/ul	99
80) Benzo(a)anthracene	21.77	228	45736	1.35	ng/ul	97
82) Chrysene	21.83	228	57756	1.88	ng/ul	91
85) Benzo(b)fluoranthene	24.04	252	59622	1.78	ng/ul#	93
88) Benzo(a)pyrene	24.93	252	45259	1.39	ng/ul#	92
91) Benzo(g,h,i)perylene	30.07	276	34776	1.14	ng/ul#	91

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

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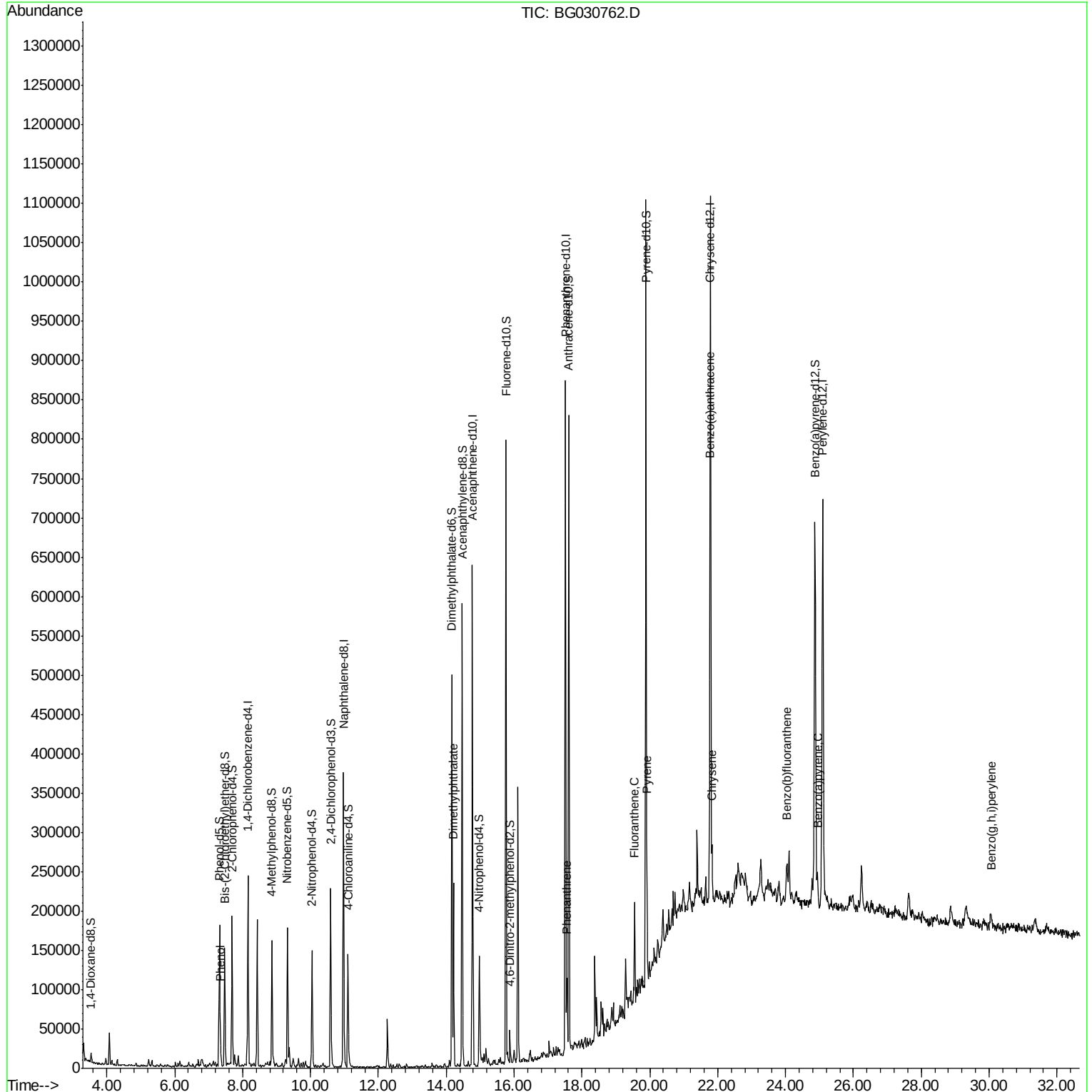
Quant Time: Nov 06 07:44:55 2017

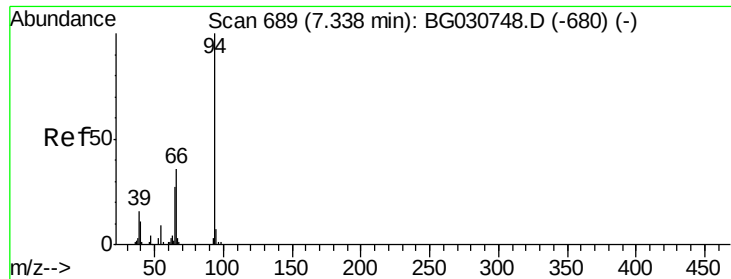
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Nov 06 01:27:00 2017

Response via : Initial Calibration





#6

Phenol

Concen: 2.61 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG030762.D

Acq: 6 Nov 2017 5:59

Instrument :

BNA_G

ClientSampleId :

B0EG8

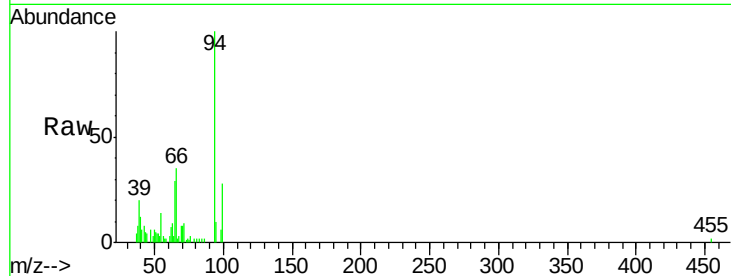
Tgt Ion: 94 Resp: 18967

Ion Ratio Lower Upper

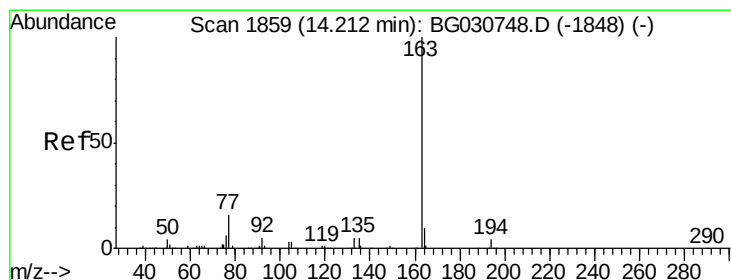
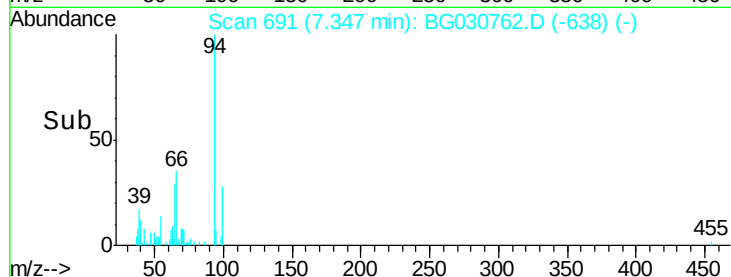
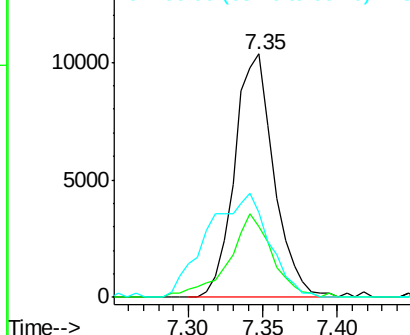
94 100

65 28.9 27.1 40.7

66 34.8 34.6 52.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 8.77 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030762.D

Acq: 6 Nov 2017 5:59

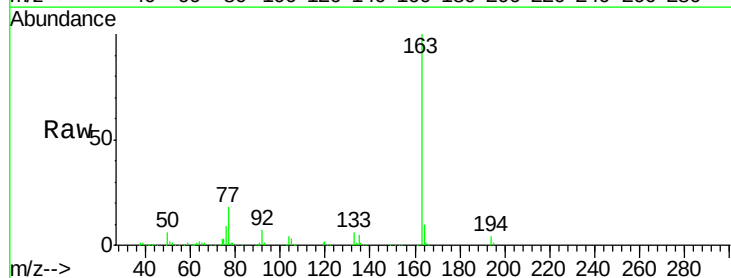
Tgt Ion: 163 Resp: 165790

Ion Ratio Lower Upper

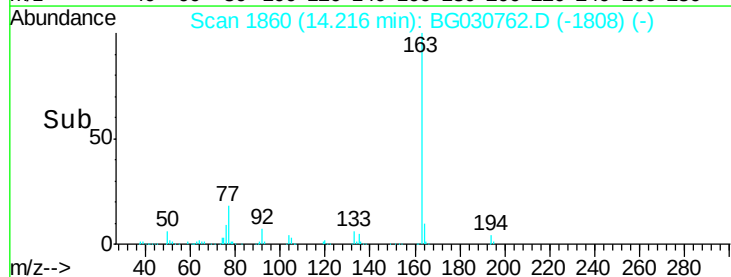
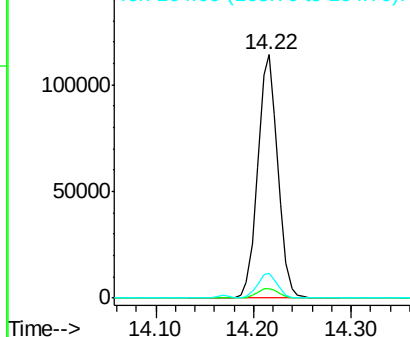
163 100

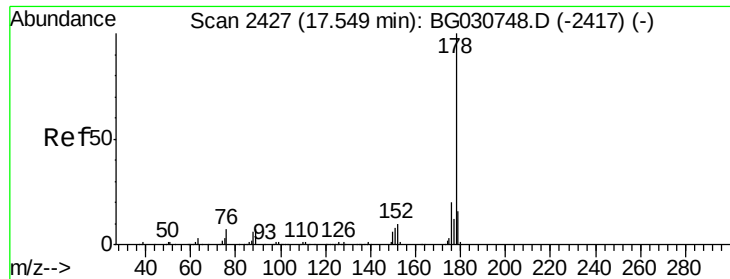
194 3.9 3.5 5.3

164 10.0 7.6 11.4



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: 1.85 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

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Acq: 6 Nov 2017 5:59

Instrument :

BNA_G

ClientSampleId :

B0EG8

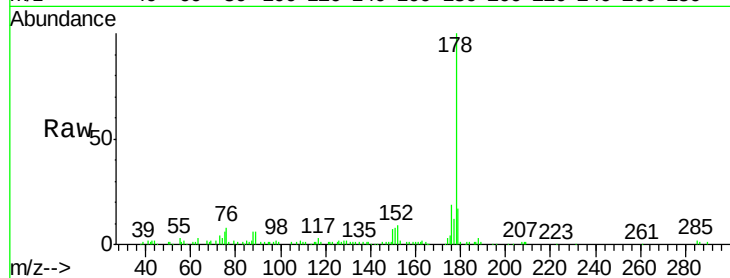
Tgt Ion:178 Resp: 53448

Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.6

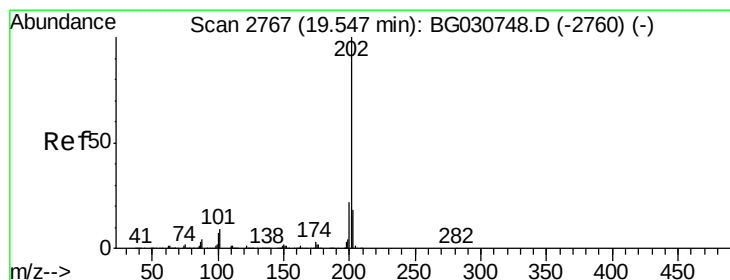
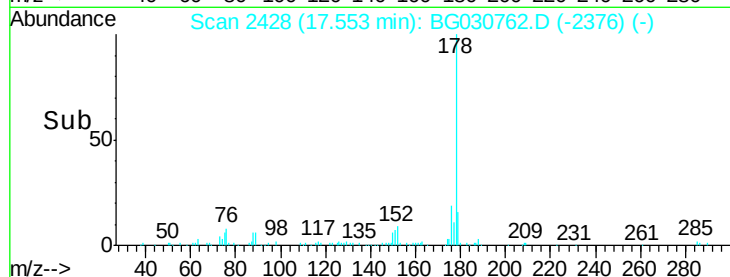
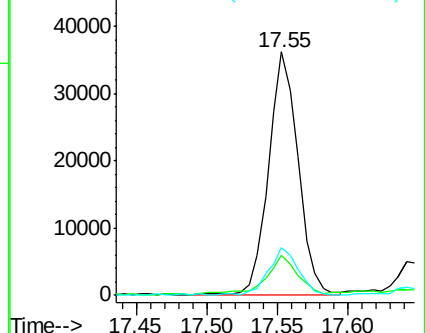
176 19.4 15.3 22.9



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: 2.41 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030762.D

Acq: 6 Nov 2017 5:59

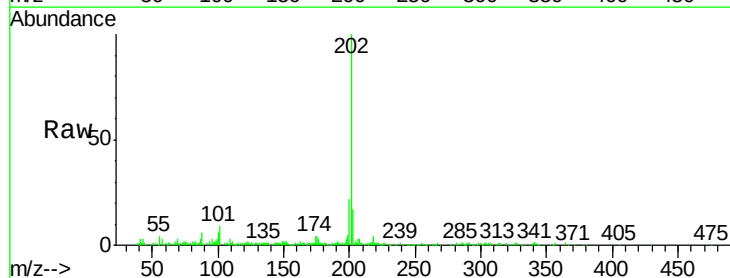
Tgt Ion:202 Resp: 77794

Ion Ratio Lower Upper

202 100

101 8.7 7.4 11.2

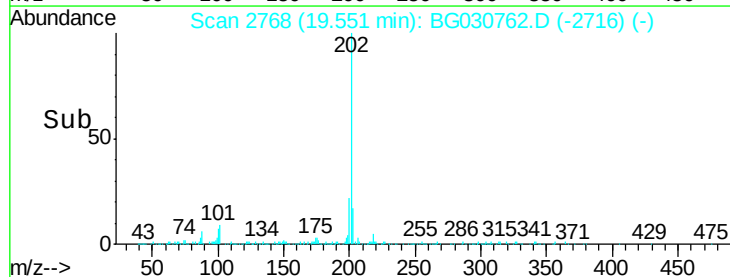
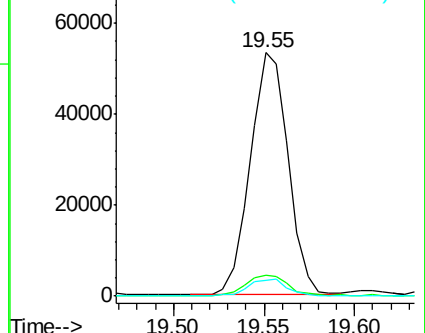
100 6.5 5.6 8.4

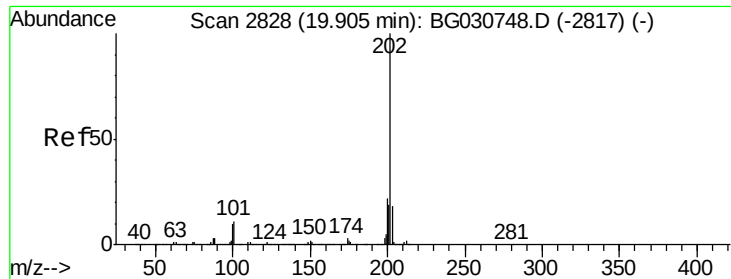


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.72 ng/ul

RT: 19.91 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG030762.D

Acq: 6 Nov 2017 5:59

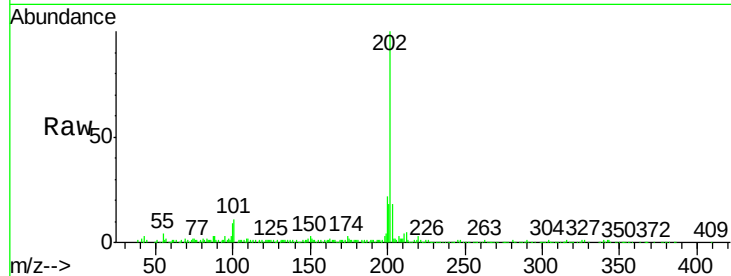
Instrument :

BNA_G

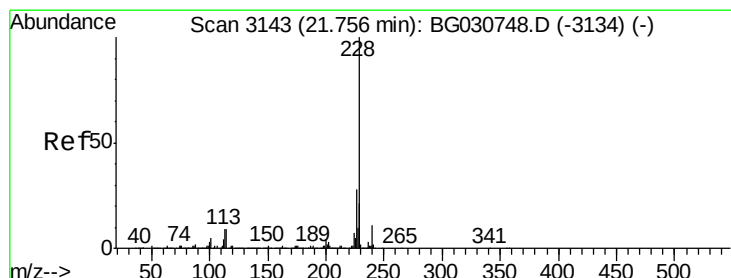
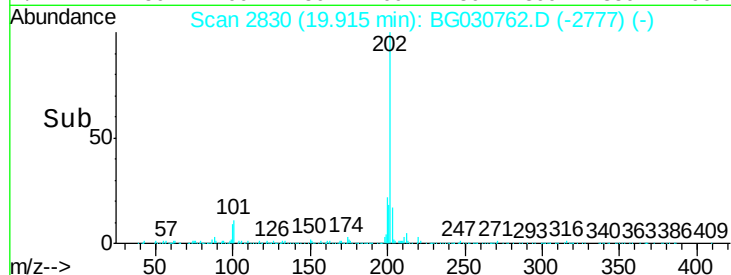
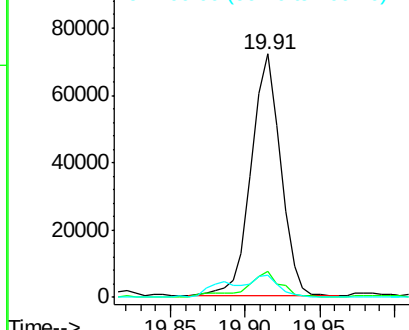
ClientSampleId :

B0EG8

Tgt Ion:	202	Resp:	98157
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.4	12.6
100	9.0	7.0	10.6



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: 1.35 ng/ul

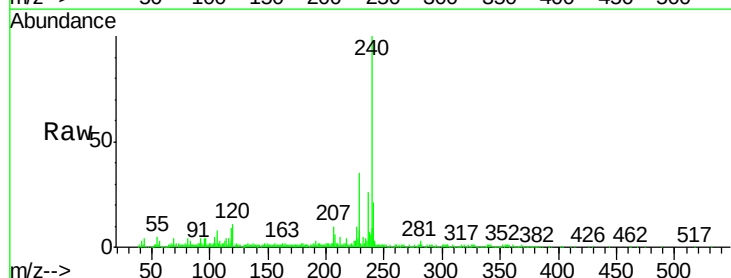
RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

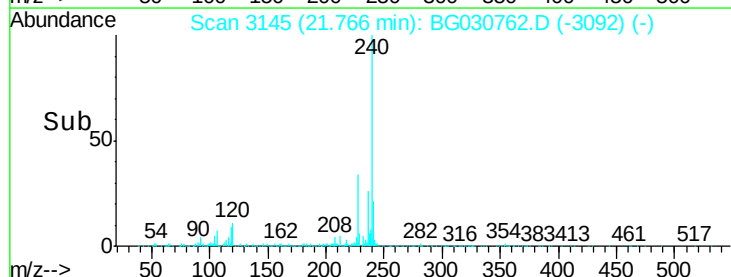
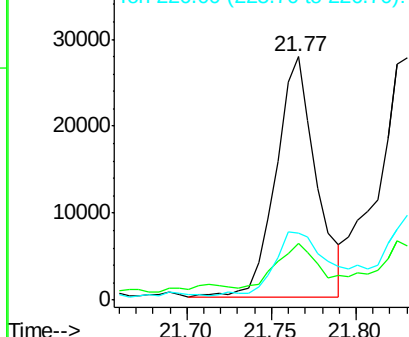
Lab File: BG030762.D

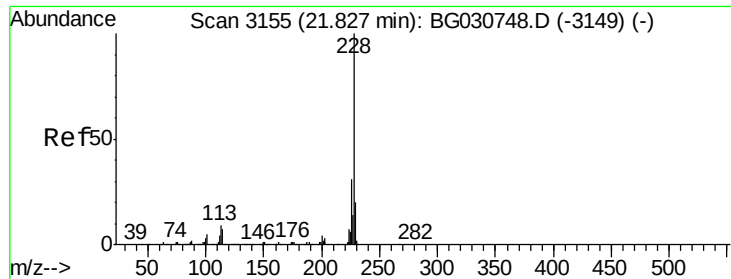
Acq: 6 Nov 2017 5:59

Tgt Ion:	228	Resp:	45736
Ion Ratio	Lower	Upper	
228	100		
229	23.3	16.2	24.4
226	27.3	22.2	33.2



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: 1.88 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030762.D

Acq: 6 Nov 2017 5:59

Instrument :

BNA_G

ClientSampleId :

B0EG8

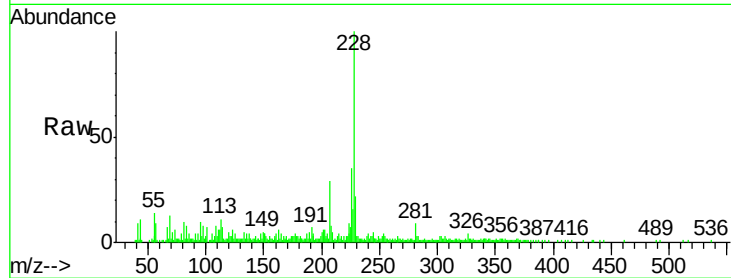
Tgt Ion:228 Resp: 57756

Ion Ratio Lower Upper

228 100

226 35.2 24.2 36.2

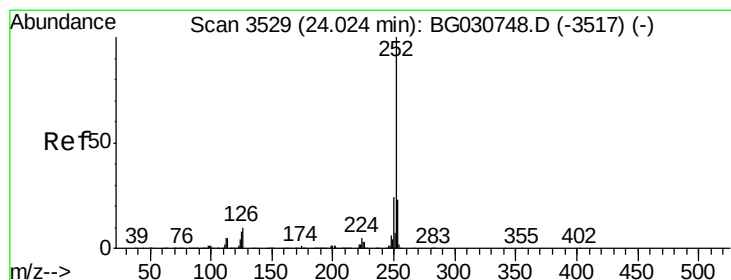
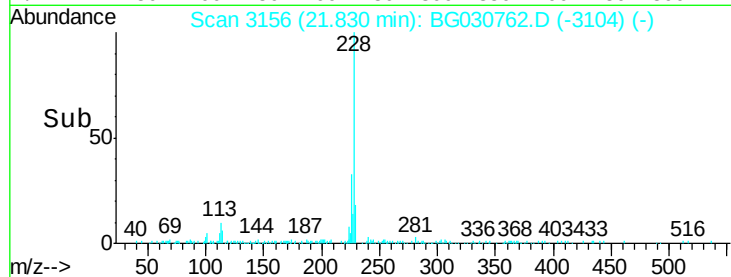
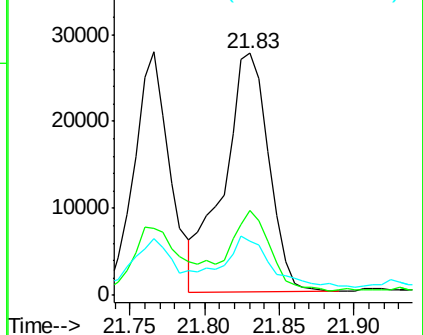
229 22.4 15.2 22.8



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: 1.78 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.02 min

Lab File: BG030762.D

Acq: 6 Nov 2017 5:59

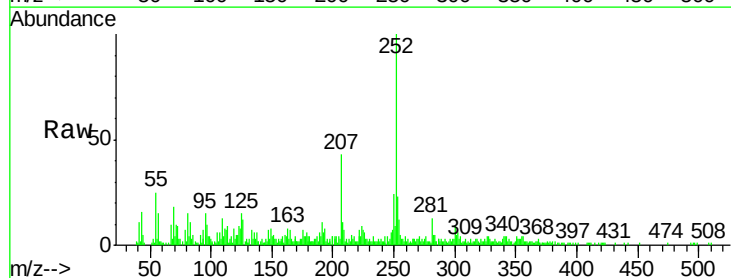
Tgt Ion:252 Resp: 59622

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

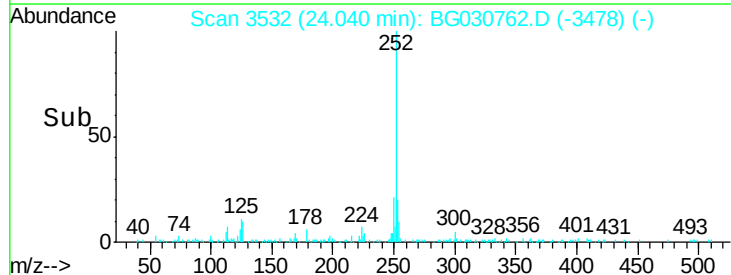
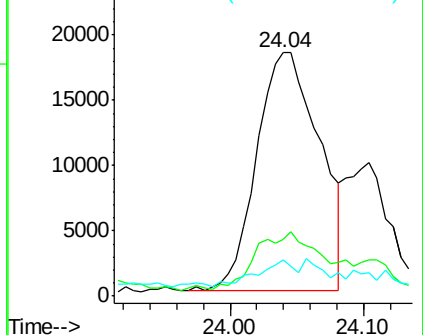
125 14.7 7.5 11.3#

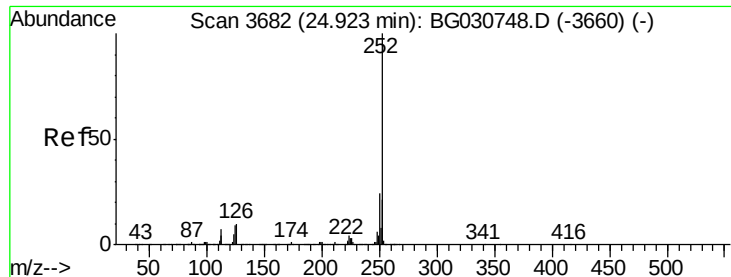


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.39 ng/ul

RT: 24.93 min Scan# 3684

Delta R.T. 0.01 min

Lab File: BG030762.D

Acq: 6 Nov 2017 5:59

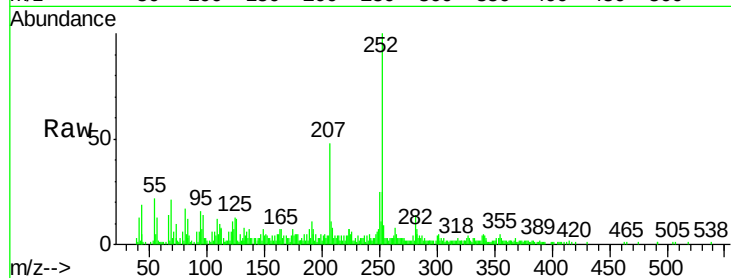
Instrument :

BNA_G

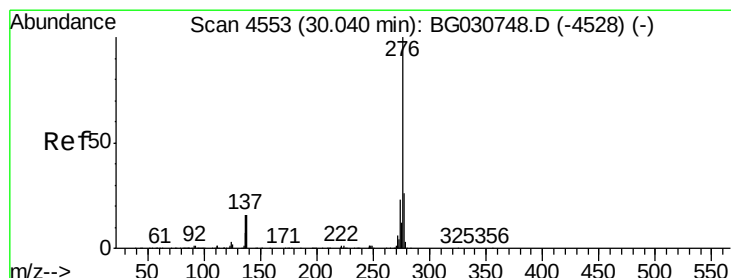
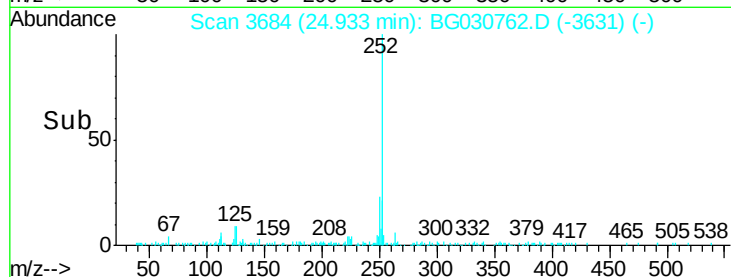
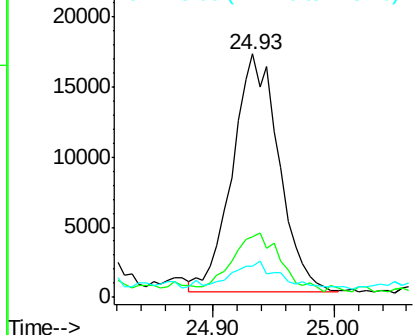
ClientSampleId :

B0EG8

Tgt Ion:	252	Resp:	45259
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	13.0	7.8	11.8#



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



#91

Benzo(g,h,i)perylene

Concen: 1.14 ng/ul

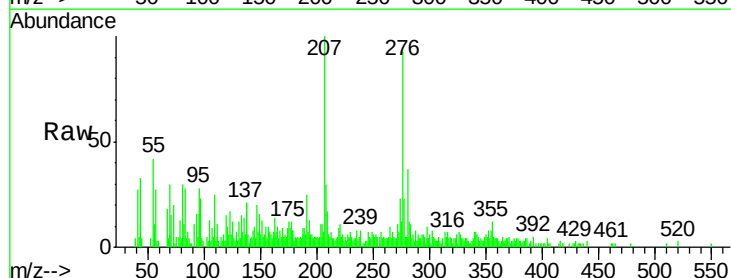
RT: 30.07 min Scan# 4558

Delta R.T. 0.03 min

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Acq: 6 Nov 2017 5:59

Tgt Ion:	276	Resp:	34776
Ion	Ratio	Lower	Upper
276	100		
138	21.7	12.1	18.1#
277	24.4	17.7	26.5



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

