

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110617\
 Data File : BG030787.D
 Acq On : 6 Nov 2017 22:42
 Operator : SJ/JU
 Sample : I6188-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 06:58:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 06:56:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	81545	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	378023	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	250059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	623872	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	654319	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	671036	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	11951	5.96	ng/uL	0.00
5) Phenol-d5	7.31	99	208156	26.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	134699	27.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	178741	32.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	147521	23.34	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	95601	35.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	114441	41.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	197734	31.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	209154	28.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	665966	31.15	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	842210	32.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	91833	23.27	ng/ul	0.00
57) Fluorene-d10	15.76	176	632034	36.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	66702	21.90	ng/ul	0.00
70) Anthracene-d10	17.61	188	983685	33.34	ng/ul	0.00
76) Pyrene-d10	19.89	212	1112625	32.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	1123964	35.36	ng/ul	0.00

Target Compounds

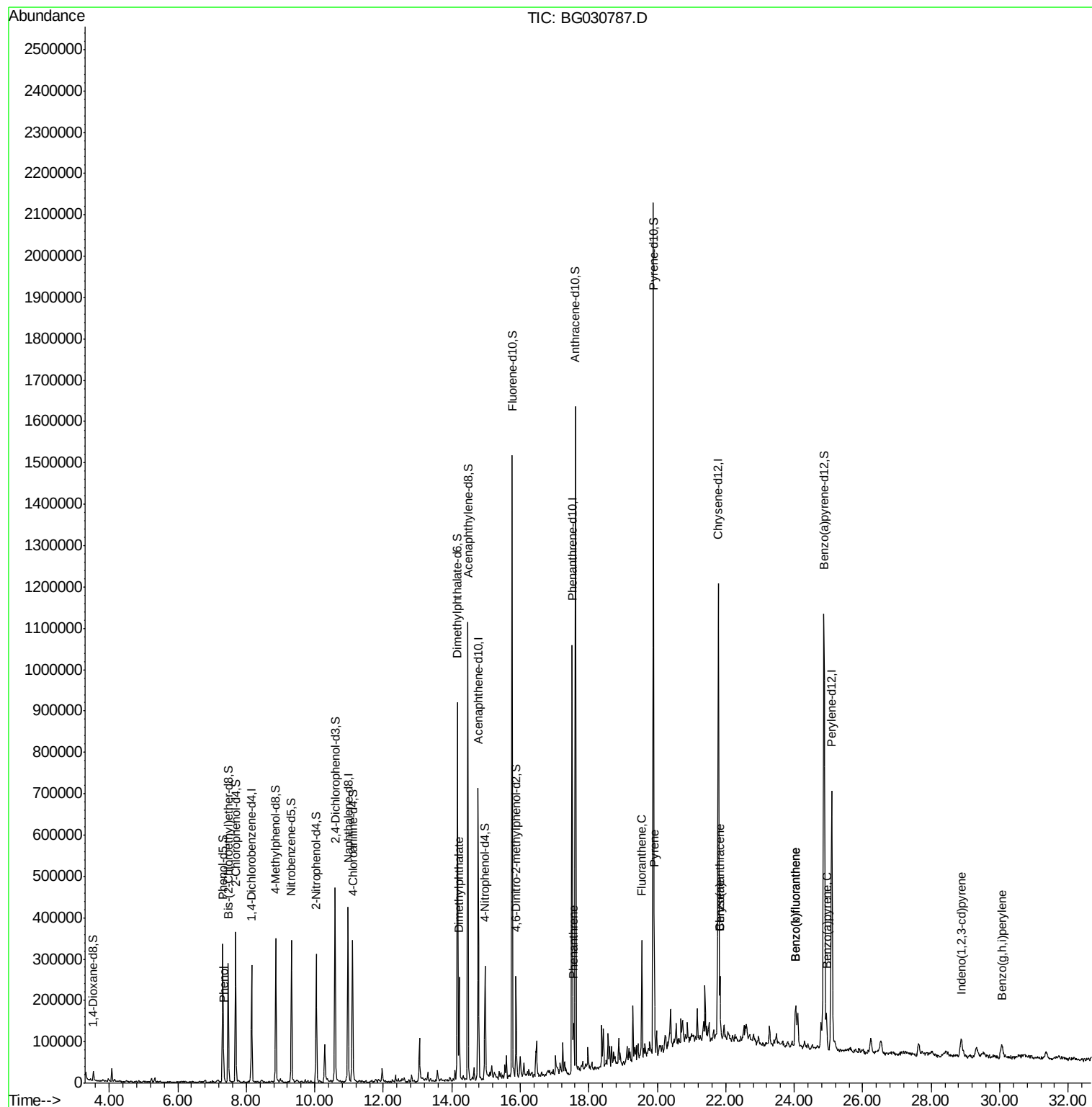
						Ovalue
6) Phenol	7.34	94	14442	1.78	ng/ul	94
44) Dimethylphthalate	14.21	163	169700	8.14	ng/ul	96
69) Phenanthrene	17.55	178	74048	2.20	ng/ul	98
74) Fluoranthene	19.55	202	178097	4.73	ng/ul	100
77) Pyrene	19.91	202	179412	4.09	ng/ul	98
80) Benzo(a)anthracene	21.83	228	116535	2.84	ng/ul	93
82) Chrysene	21.83	228	117879	3.16	ng/ul	94
85) Benzo(b)fluoranthene	24.04	252	125253	3.11	ng/ul	96
86) Benzo(k)fluoranthene	24.04	252	125253	3.22	ng/ul	96
88) Benzo(a)pyrene	24.94	252	87297	2.23	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	66891	1.51	ng/ul	96
91) Benzo(g,h,i)perylene	30.05	276	60386	1.64	ng/ul#	94

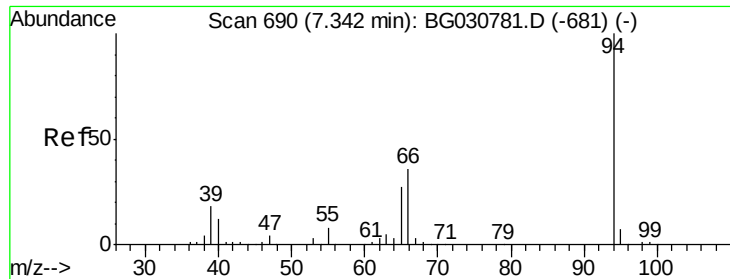
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.78 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

ClientSampled :

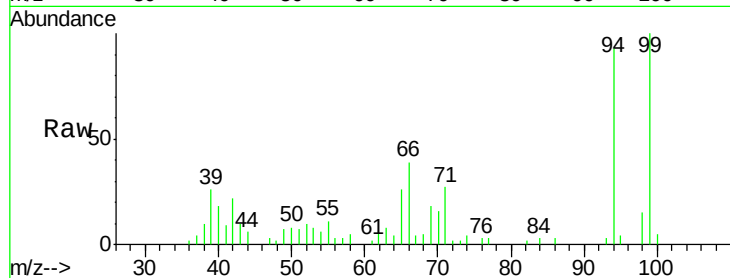
Tot Ion: 94 Resp: 14442

Ion Ratio Lower Upper

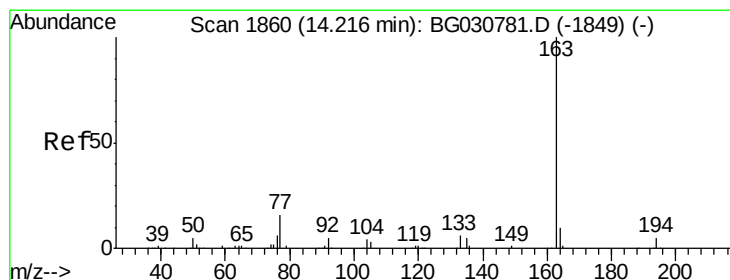
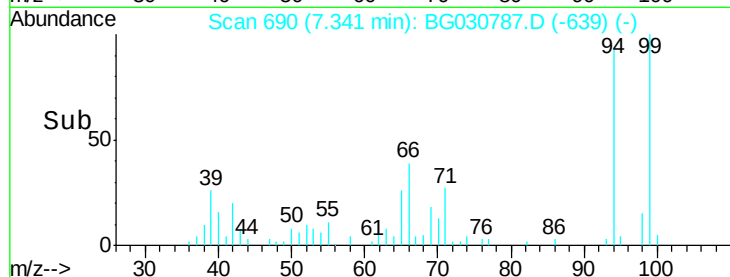
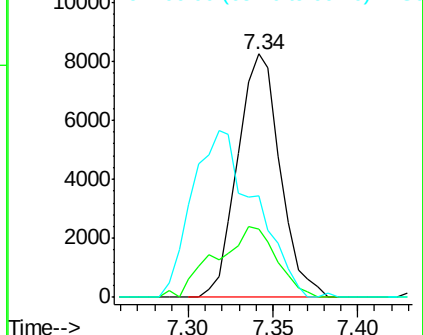
94 100

65 28.1 27.1 40.7

66 41.7 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: 8.14 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

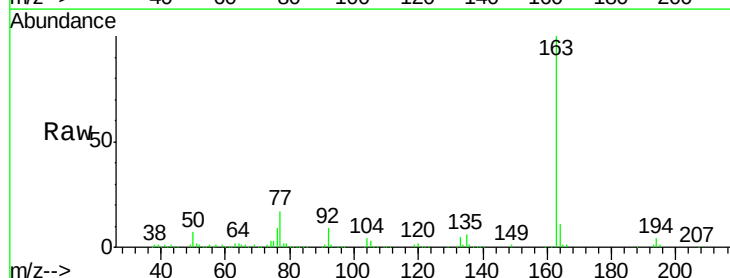
Tgt Ion:163 Resp: 169700

Ion Ratio Lower Upper

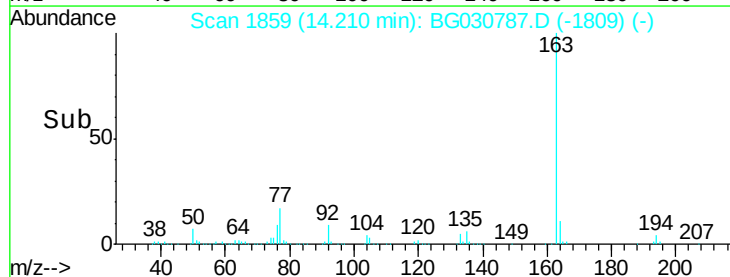
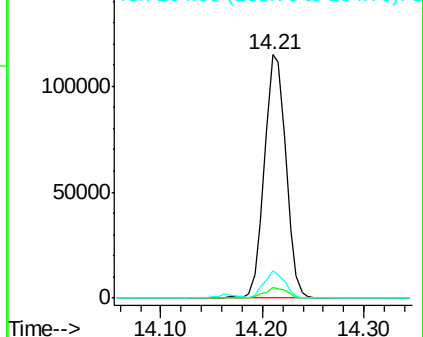
163 100

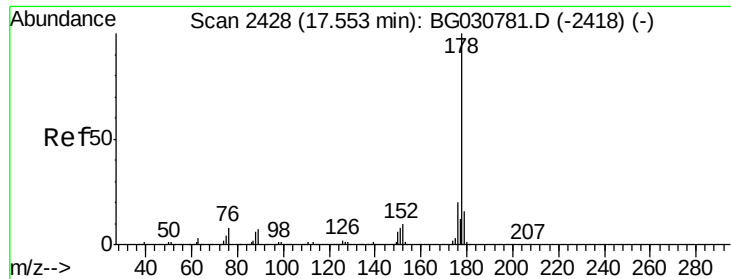
194 4.4 3.5 5.3

164 11.4 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: 2.20 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

ClientSampleId :

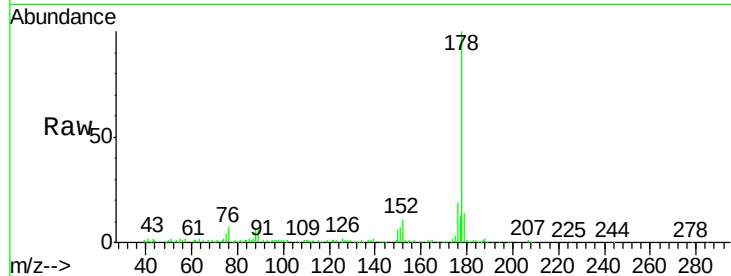
Tot Ion:178 Resp: 74048

Ion Ratio Lower Upper

178 100

179 14.5 13.0 19.6

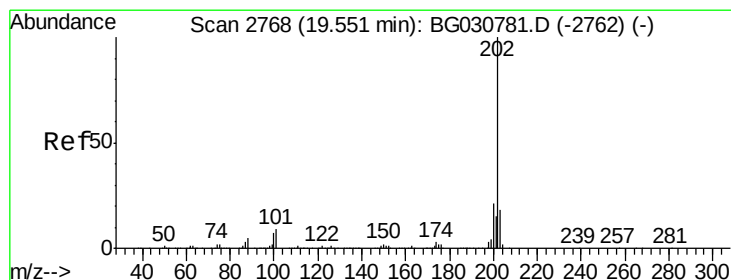
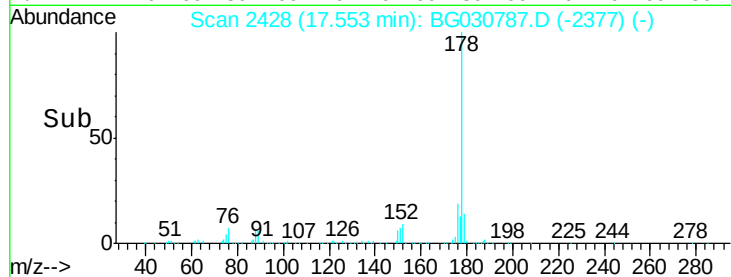
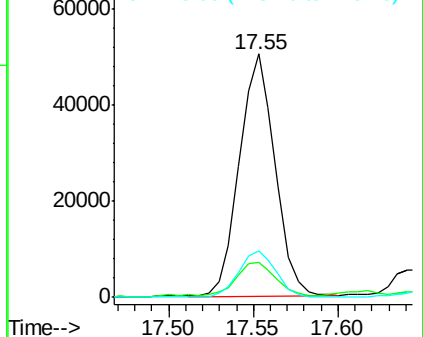
176 19.3 15.3 22.9



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: 4.73 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

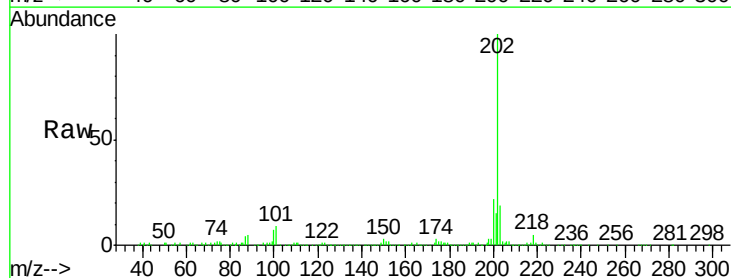
Tgt Ion:202 Resp: 178097

Ion Ratio Lower Upper

202 100

101 9.4 7.4 11.2

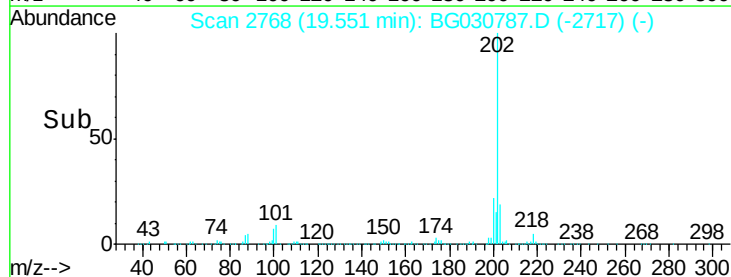
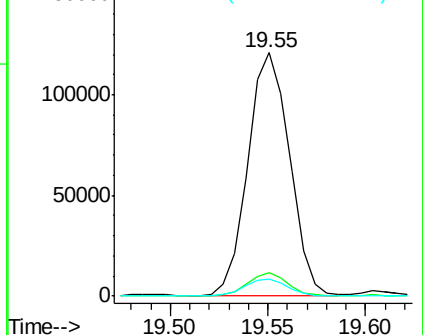
100 7.1 5.6 8.4

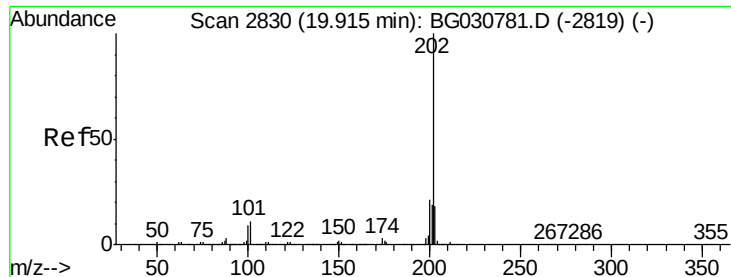


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 4.09 ng/ul

RT: 19.91 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

ClientSampleId :

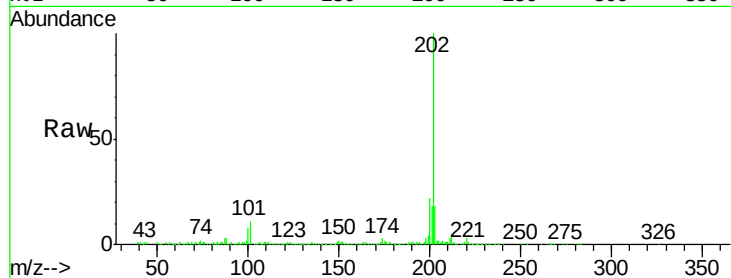
Tot Ion:202 Resp: 179412

Ion Ratio Lower Upper

202 100

101 11.0 8.4 12.6

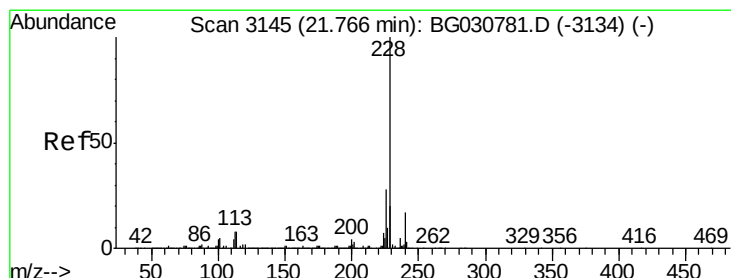
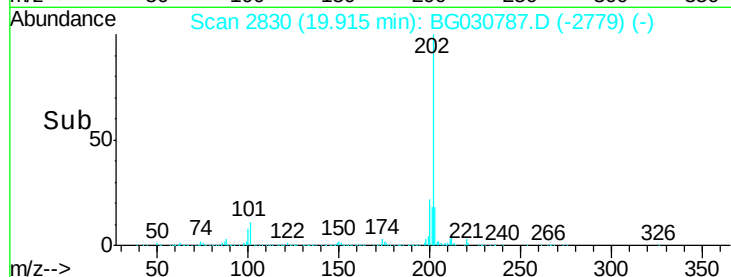
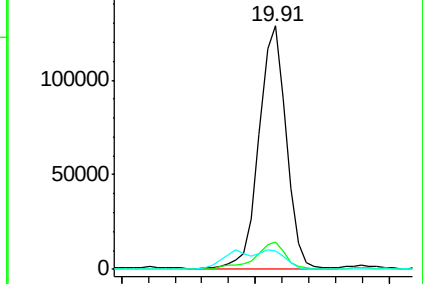
100 7.7 7.0 10.6



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): E



#80

Benzo(a)anthracene

Concen: 2.84 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.06 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

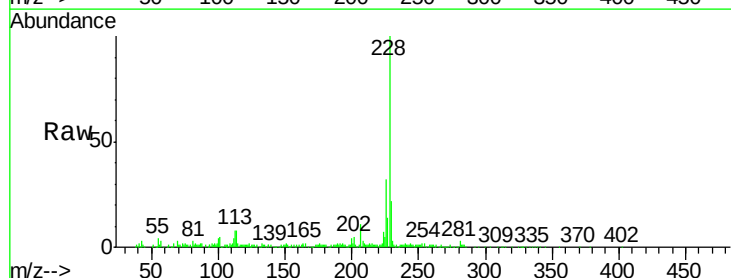
Tgt Ion:228 Resp: 116535

Ion Ratio Lower Upper

228 100

229 22.5 16.2 24.4

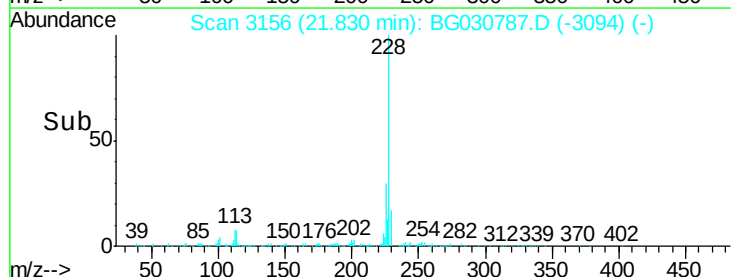
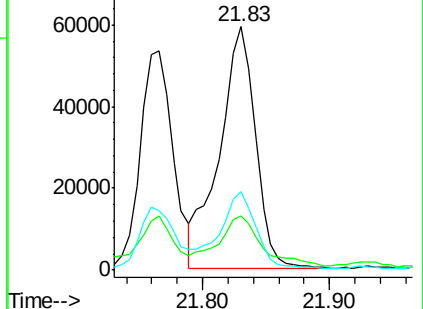
226 32.5 22.2 33.2

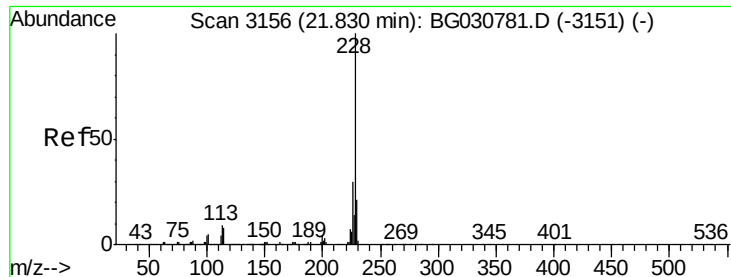


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.16 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

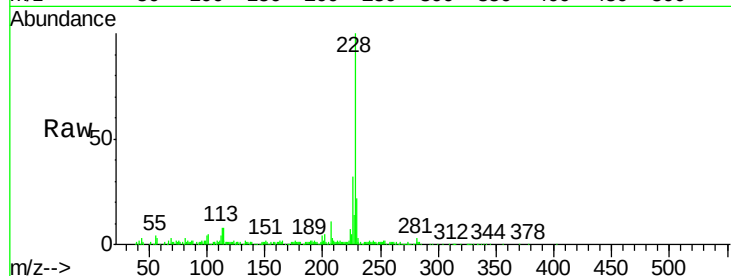
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 117879

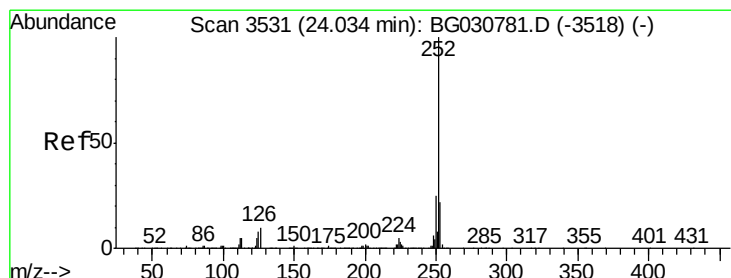
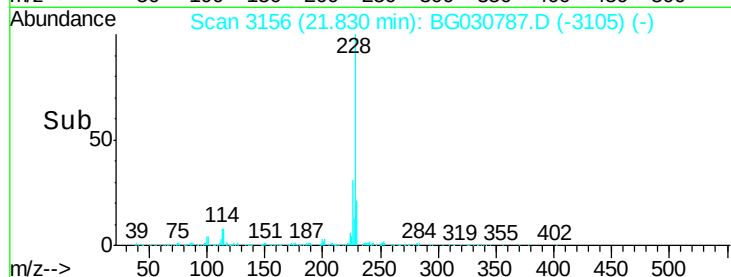
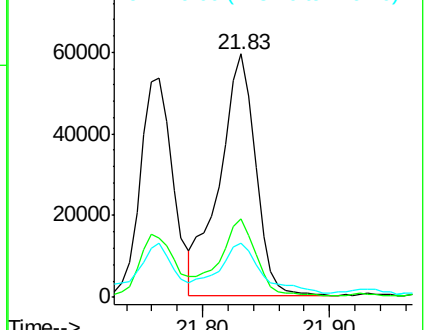
Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.2	36.2
229	22.5	15.2	22.8



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: 3.11 ng/ul

RT: 24.04 min Scan# 3532

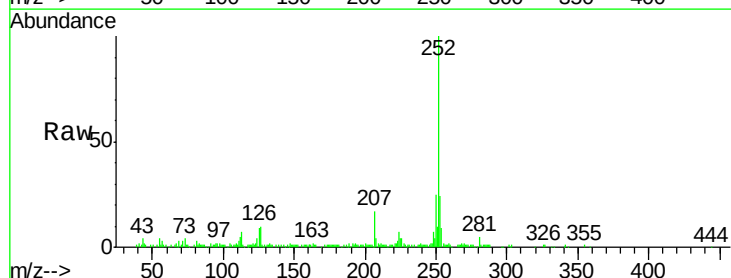
Delta R.T. 0.01 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Tgt Ion:252 Resp: 125253

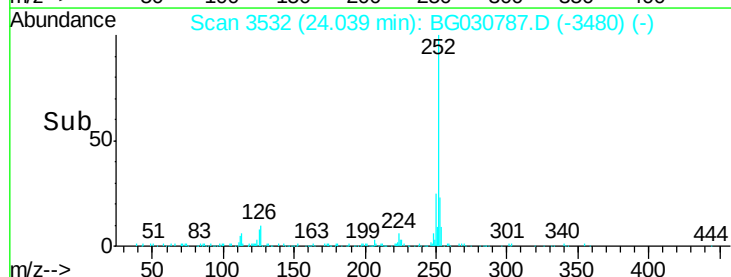
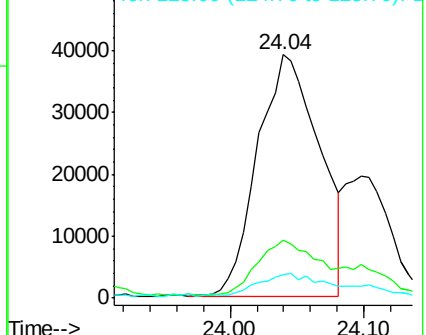
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	9.4	7.5	11.3

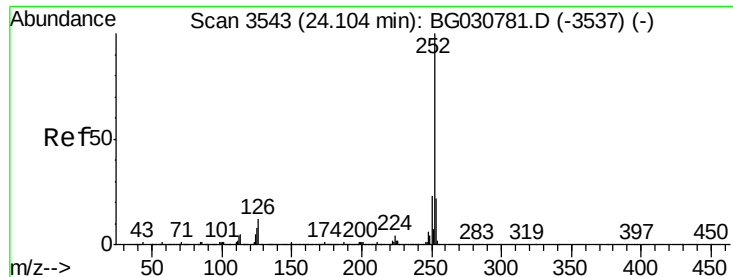


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

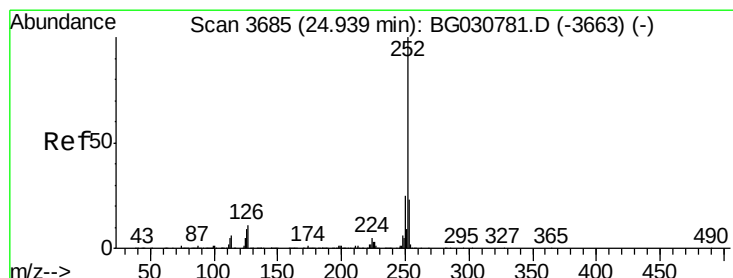
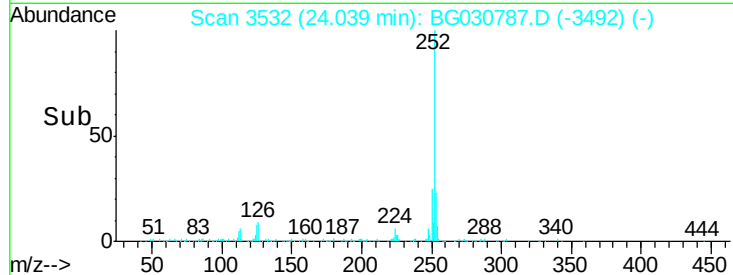
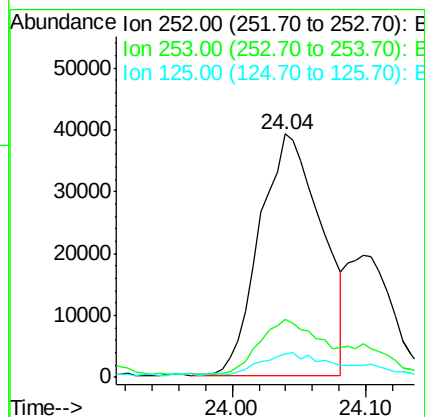
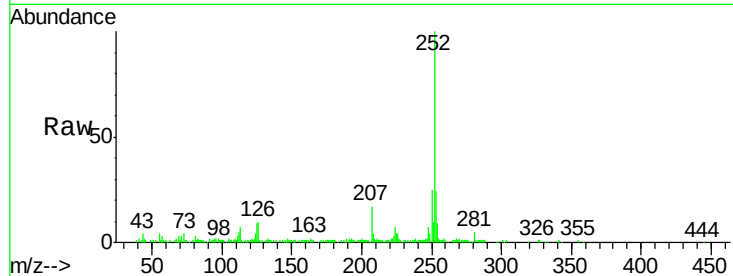




#86
Benzo(k)fluoranthene
Concen: 3.22 ng/ul
RT: 24.04 min Scan# 3532
Delta R.T. -0.06 min
Lab File: BG030787.D
Acq: 6 Nov 2017 22:42

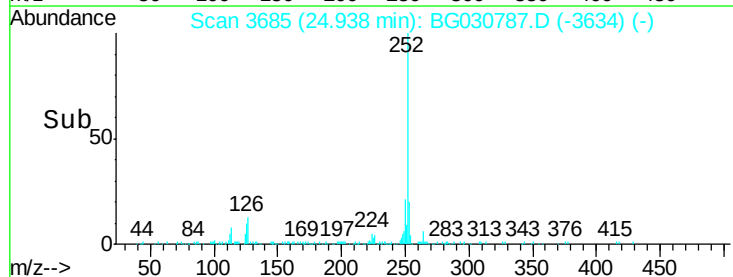
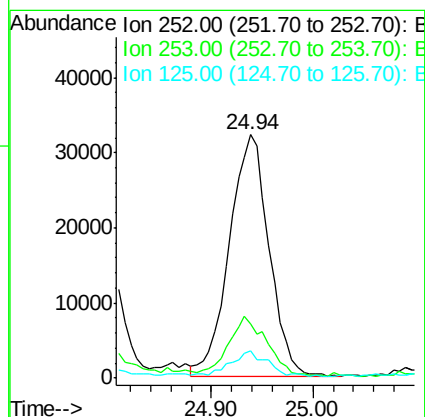
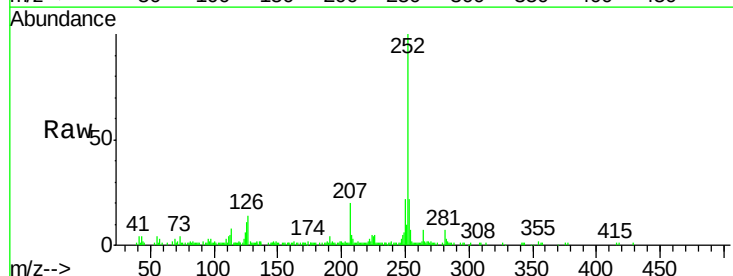
Instrument :
BNA_G
ClientSampled :

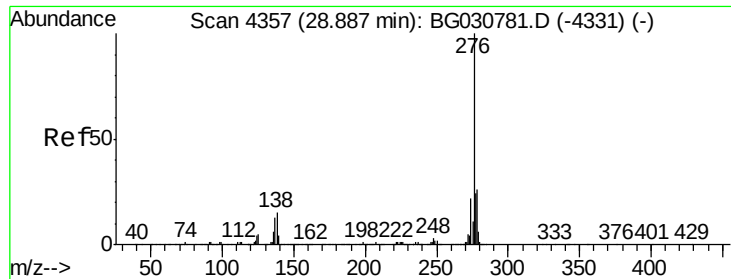
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	9.4	7.8	11.8



#88
Benzo(a)pyrene
Concen: 2.23 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. -0.00 min
Lab File: BG030787.D
Acq: 6 Nov 2017 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.3	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.51 ng/ul

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

Instrument :

BNA_G

ClientSampleId :

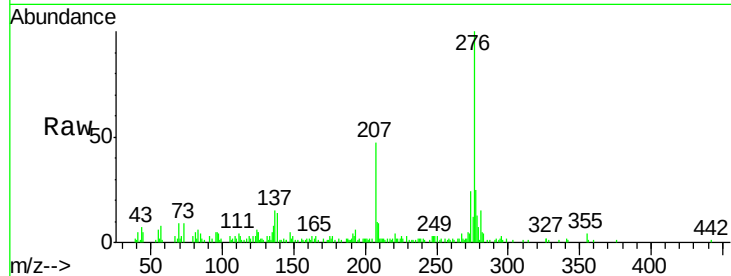
Tot Ion:276 Resp: 66891

Ion Ratio Lower Upper

276 100

138 14.4 13.4 20.0

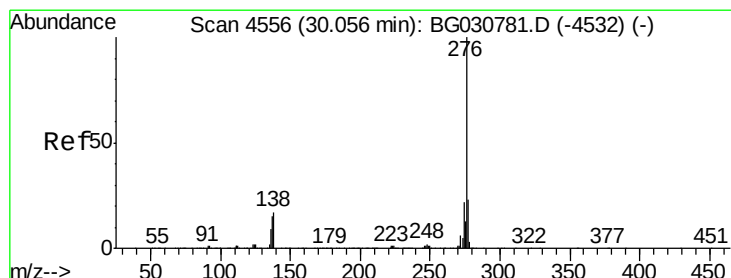
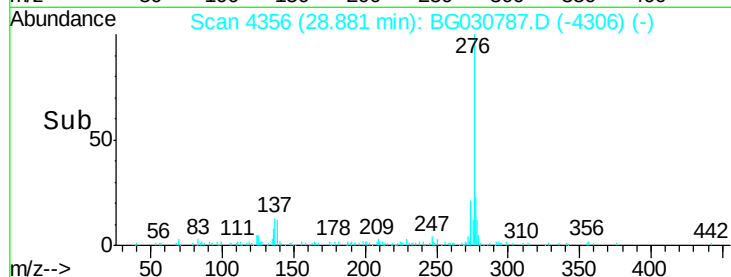
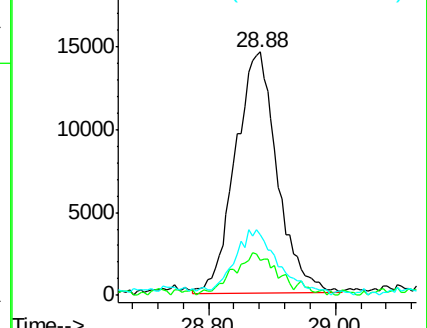
277 25.0 18.6 28.0



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



#91

Benzo(g,h,i)perylene

Concen: 1.64 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.01 min

Lab File: BG030787.D

Acq: 6 Nov 2017 22:42

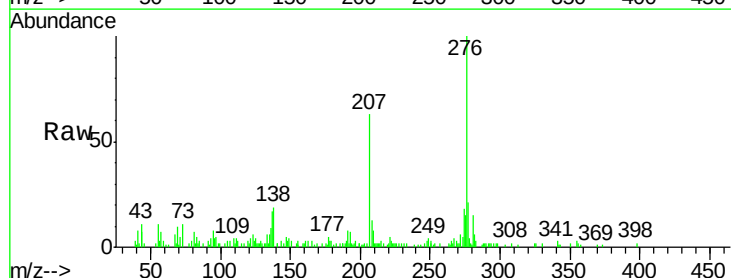
Tgt Ion:276 Resp: 60386

Ion Ratio Lower Upper

276 100

138 19.5 12.1 18.1#

277 20.6 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

