

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028436.D
 Acq On : 23 Aug 2017 3:17
 Operator : SJ/JU
 Sample : I4713-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB2

Quant Time: Aug 23 07:11:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	39858	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	190886	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	139326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	197985	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	344578	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	344476	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	1390	1.62	ng/uL	0.00
5) Phenol-d5	7.50	99	45924	10.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	27378	9.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	33749	12.22	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	39543	10.81	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	18149	12.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	22533	13.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	44597	13.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	36760	9.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	156183	12.60	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	177370	12.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	17956	9.11	ng/ul	0.00
57) Fluorene-d10	15.94	176	135125	12.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	74	0.06	ng/ul	0.08
70) Anthracene-d10	17.80	188	197985	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	231514	13.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	219858	13.63	ng/ul	0.00

Target Compounds

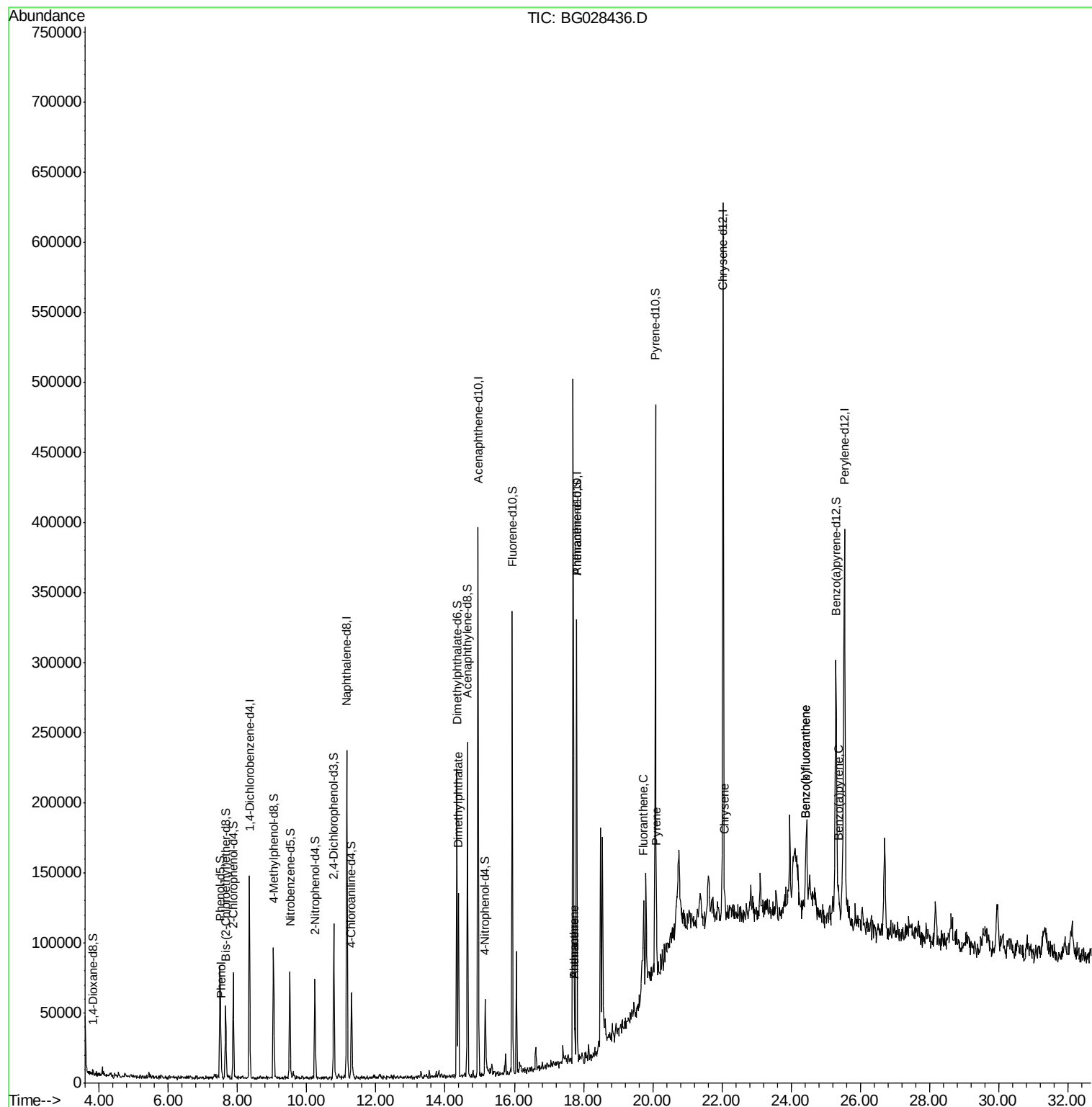
					Ovalue
6) Phenol	7.53	94	6183	1.421 ng/ul	96
44) Dimethylphthalate	14.38	163	82454	7.226 ng/ul	99
69) Phenanthrene	17.74	178	14718	1.477 ng/ul	94
71) Anthracene	17.74	178	14718	1.445 ng/ul	95
74) Fluoranthene	19.74	202	39488	3.261 ng/ul	98
77) Pyrene	20.11	202	31667	1.540 ng/ul#	97
82) Chrysene	22.08	228	22044	1.229 ng/ul#	90
85) Benzo(b)fluoranthene	24.42	252	34900	1.693 ng/ul#	91
86) Benzo(k)fluoranthene	24.42	252	34900	1.733 ng/ul#	89
88) Benzo(a)pyrene	25.37	252	20682	1.036 ng/ul#	82

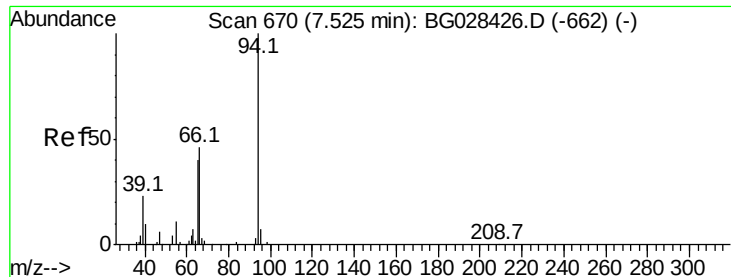
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028436.D
Acq On : 23 Aug 2017 3:17
Operator : SJ/JU
Sample : I4713-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB2

Quant Time: Aug 23 07:11:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.421 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

E7GB2

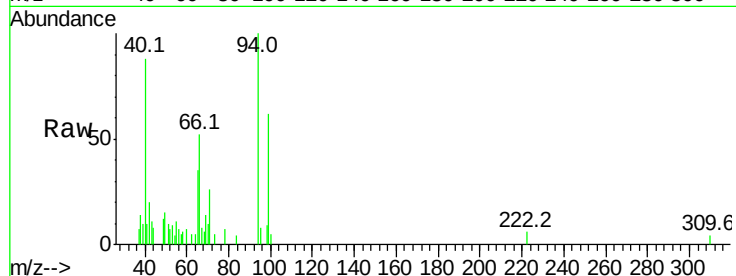
Tot Ion: 94 Resp: 6183

Ion Ratio Lower Upper

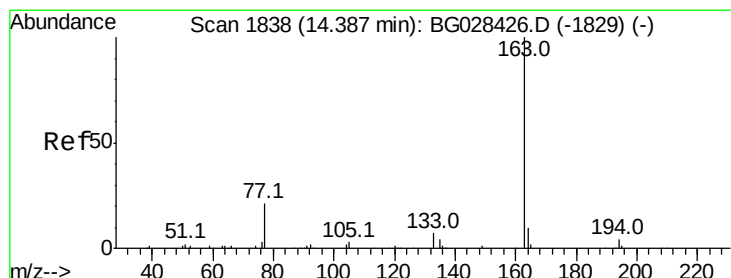
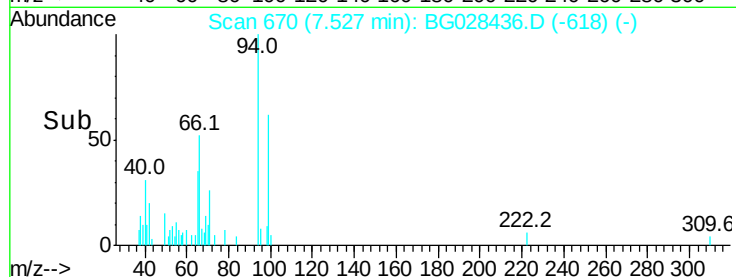
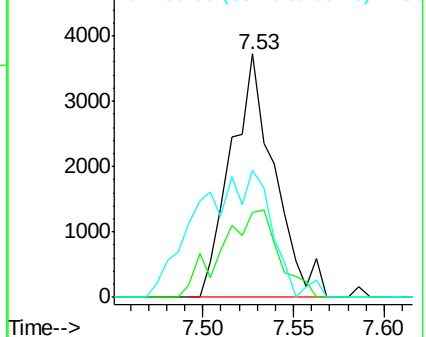
94 100

65 34.7 26.8 40.2

66 52.1 44.4 66.6



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: 7.226 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

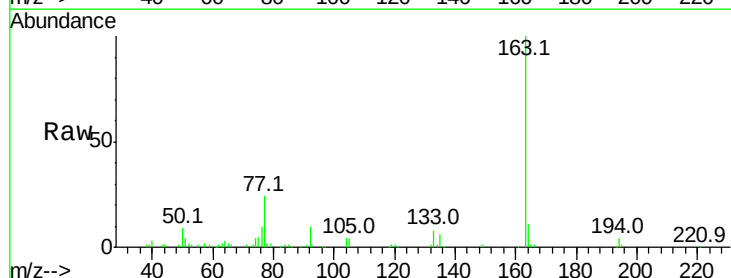
Tgt Ion: 163 Resp: 82454

Ion Ratio Lower Upper

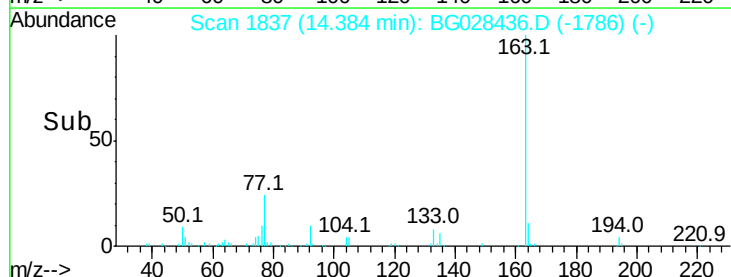
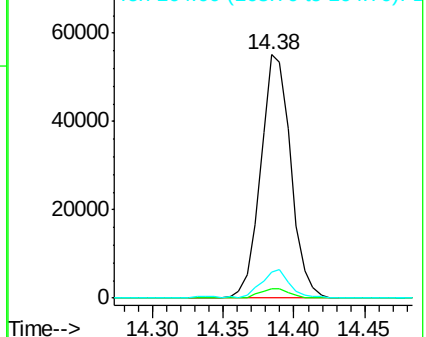
163 100

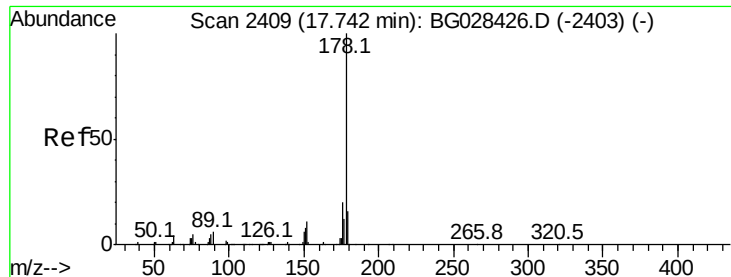
194 3.9 3.4 5.0

164 10.8 9.0 13.4



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: 1.477 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

Instrument :

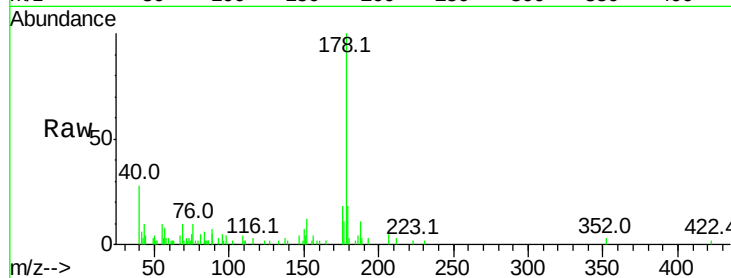
BNA_G

ClientSampleId :

E7GB2

Tot Ion:178 Resp: 14718

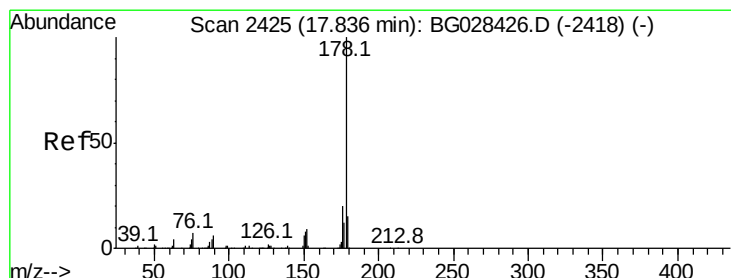
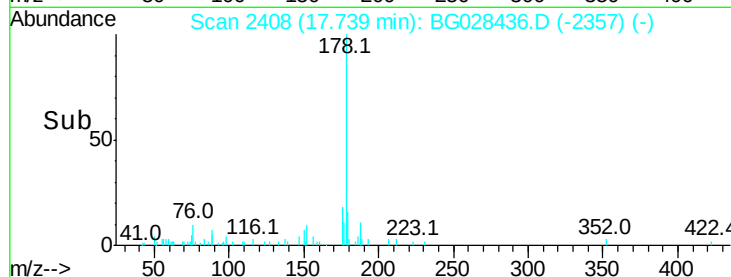
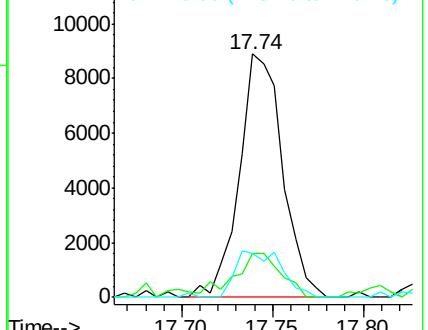
Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.4	18.6
176	17.8	16.5	24.7



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: 1.445 ng/ul

RT: 17.74 min Scan# 2408

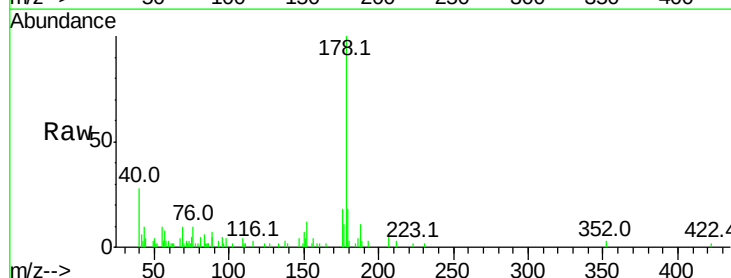
Delta R.T. -0.10 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

Tgt Ion:178 Resp: 14718

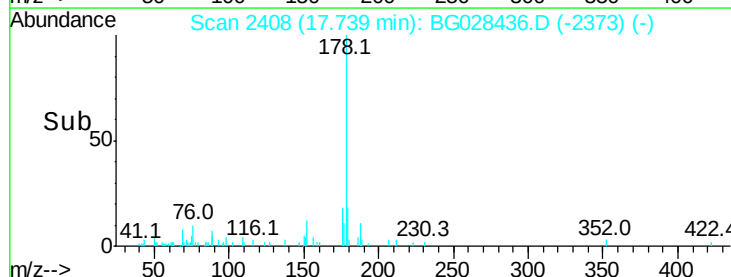
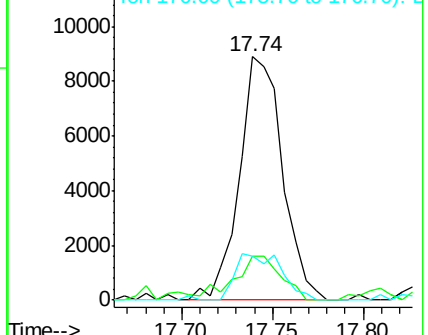
Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.6	19.0
176	17.8	15.9	23.9

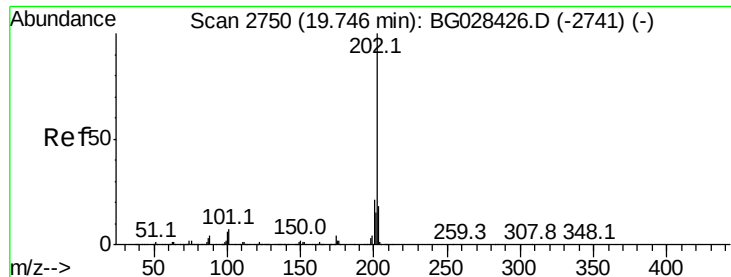


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.261 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

E7GB2

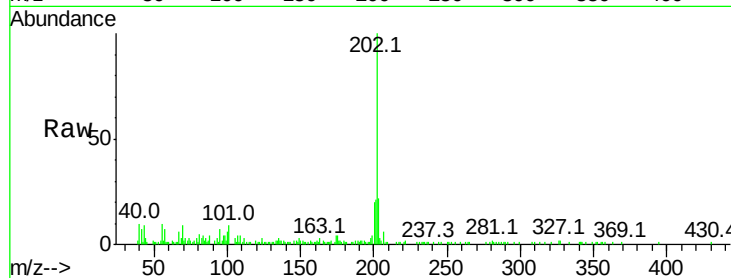
Tot Ion:202 Resp: 39488

Ion Ratio Lower Upper

202 100

101 8.5 6.2 9.2

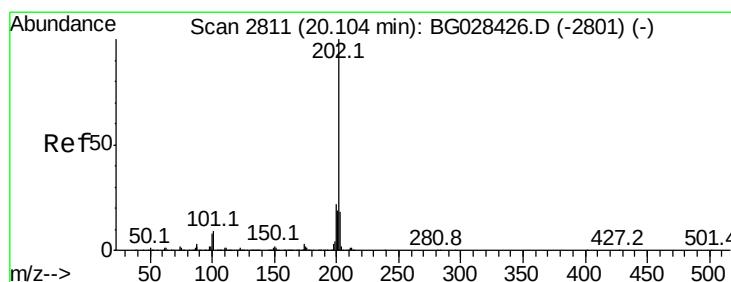
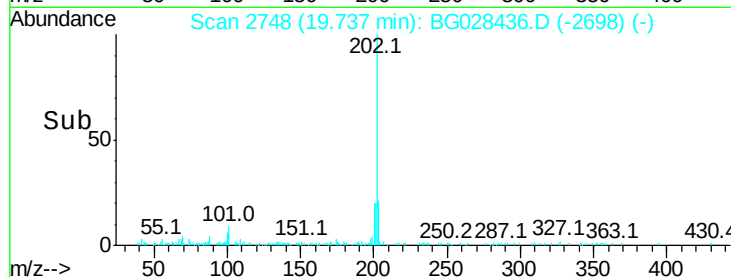
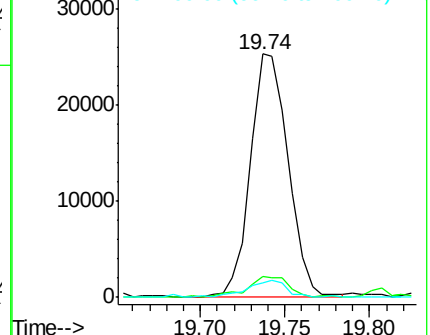
100 5.7 5.2 7.8



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: 1.540 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

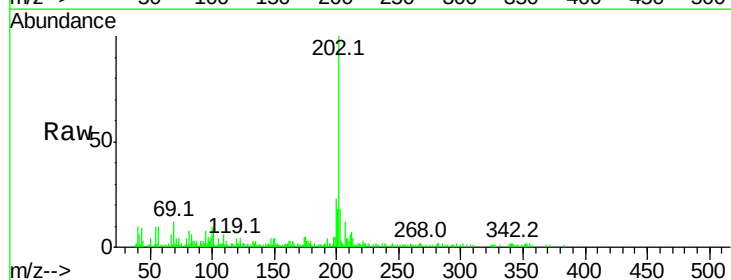
Tgt Ion:202 Resp: 31667

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

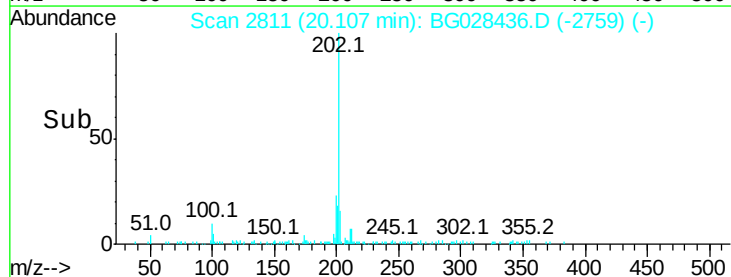
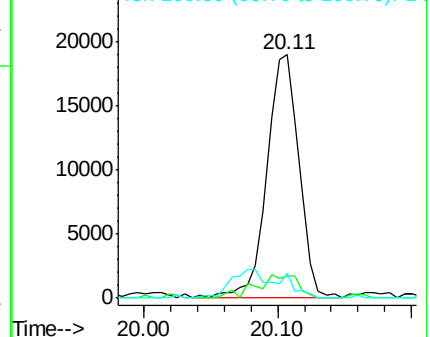
100 10.1 6.6 10.0#

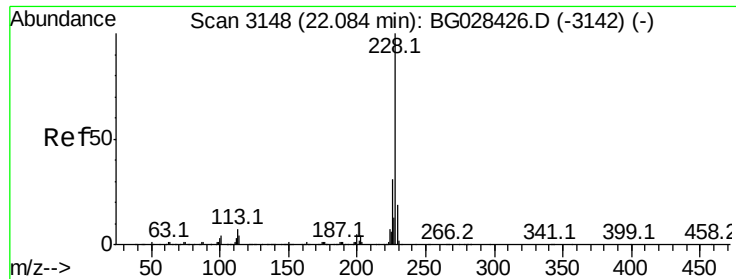


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.229 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

E7GB2

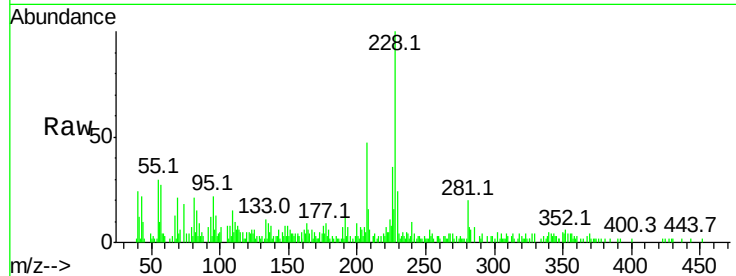
Tot Ion:228 Resp: 22044

Ion Ratio Lower Upper

228 100

226 36.5 24.0 36.0#

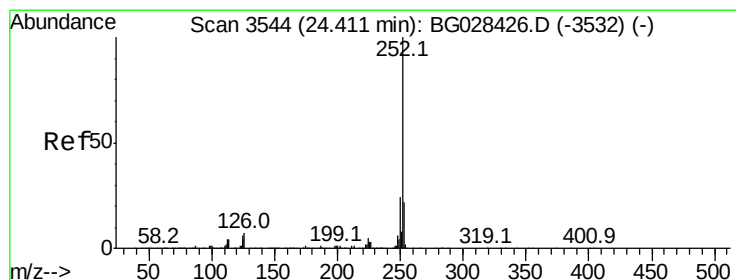
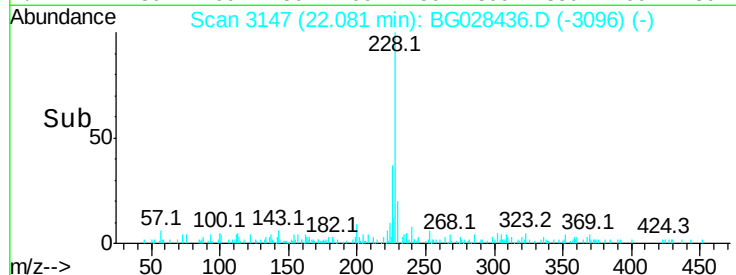
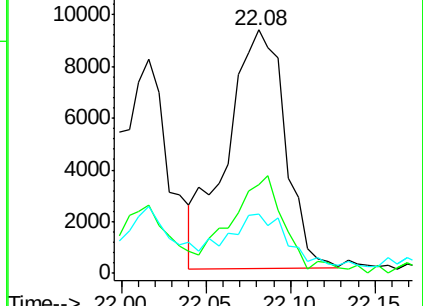
229 24.2 16.9 25.3



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: 1.693 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

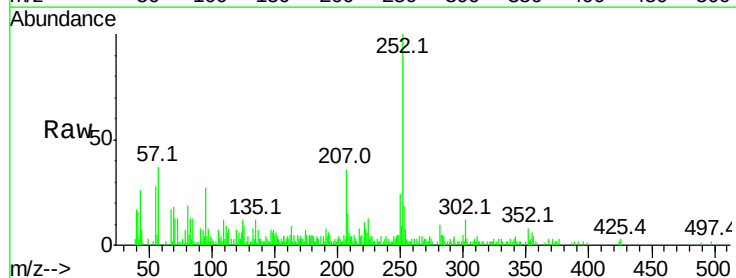
Tgt Ion:252 Resp: 34900

Ion Ratio Lower Upper

252 100

253 19.2 17.7 26.5

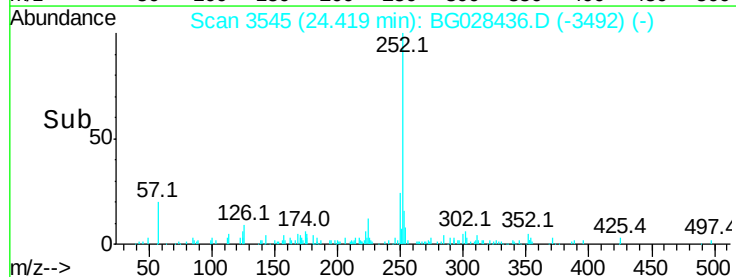
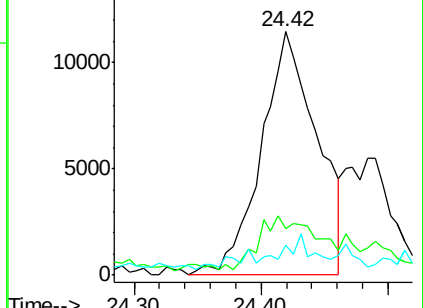
125 12.5 4.0 6.0#

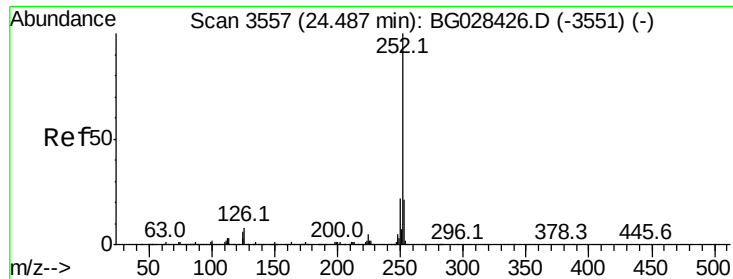


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.733 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. -0.07 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

Instrument :

BNA_G

ClientSampleId :

E7GB2

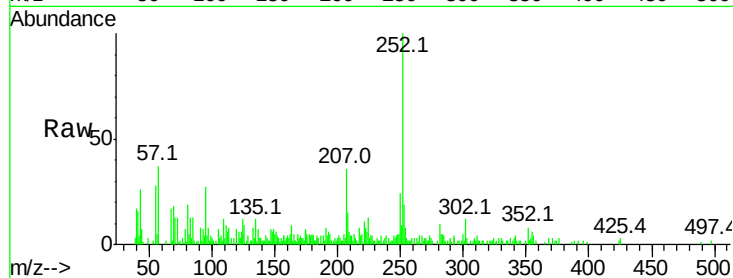
Tot Ion:252 Resp: 34900

Ion Ratio Lower Upper

252 100

253 19.2 18.5 27.7

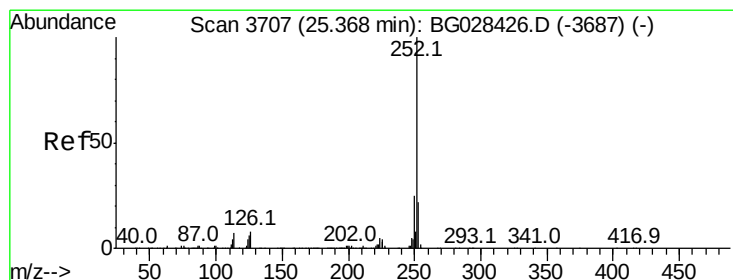
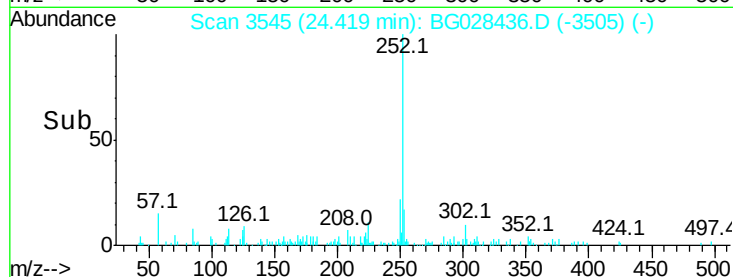
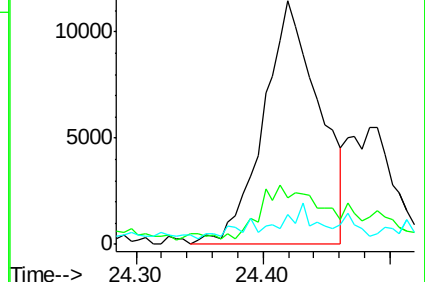
125 12.5 4.1 6.1#



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: 1.036 ng/ul

RT: 25.37 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG028436.D

Acq: 23 Aug 2017 3:17

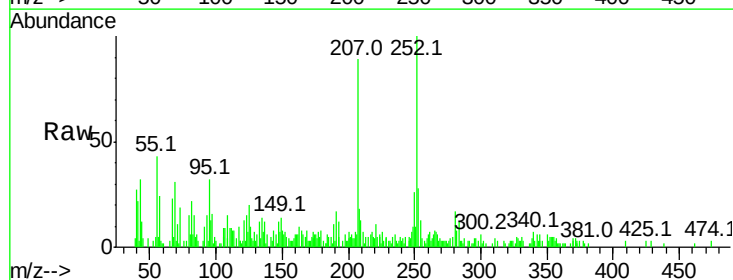
Tgt Ion:252 Resp: 20682

Ion Ratio Lower Upper

252 100

253 28.1 17.8 26.6#

125 19.7 5.4 8.0#



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

