

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028537.D
 Acq On : 29 Aug 2017 3:07
 Operator : SJ/JU
 Sample : I4905-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B23

Quant Time: Aug 29 04:01:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	52085	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	211762	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	136114	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	545774	20.00	ng/ul	0.11
75) Chrysene-d12	22.05	240	389354	20.00	ng/ul	0.02
83) Perylene-d12	25.34	264	624529	20.00	ng/ul	-0.19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	5595	5.00	ng/uL	0.00
5) Phenol-d5	7.50	99	146680	25.64	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.66	67	94350	26.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	114142	31.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	125224	26.19	ng/ul	0.01
19) Nitrobenzene-d5	9.52	128	57758	34.88	ng/ul	0.02
22) 2-Nitrophenol-d4	10.24	143	66956	36.88	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.79	165	132213	35.20	ng/ul	0.01
29) 4-Chloroaniline-d4	11.30	131	99233	23.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	392930	32.46	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	472442	34.61	ng/ul	0.01
51) 4-Nitrophenol-d4	15.16	143	50584	26.28	ng/ul	0.02
57) Fluorene-d10	15.95	176	338787	31.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.08	200	17608	4.97	ng/ul	0.02
70) Anthracene-d10	17.81	188	545774	20.85	ng/ul	0.01
76) Pyrene-d10	20.09	212	642410	32.17	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.34	264	568284	19.44	ng/ul	0.06

Target Compounds

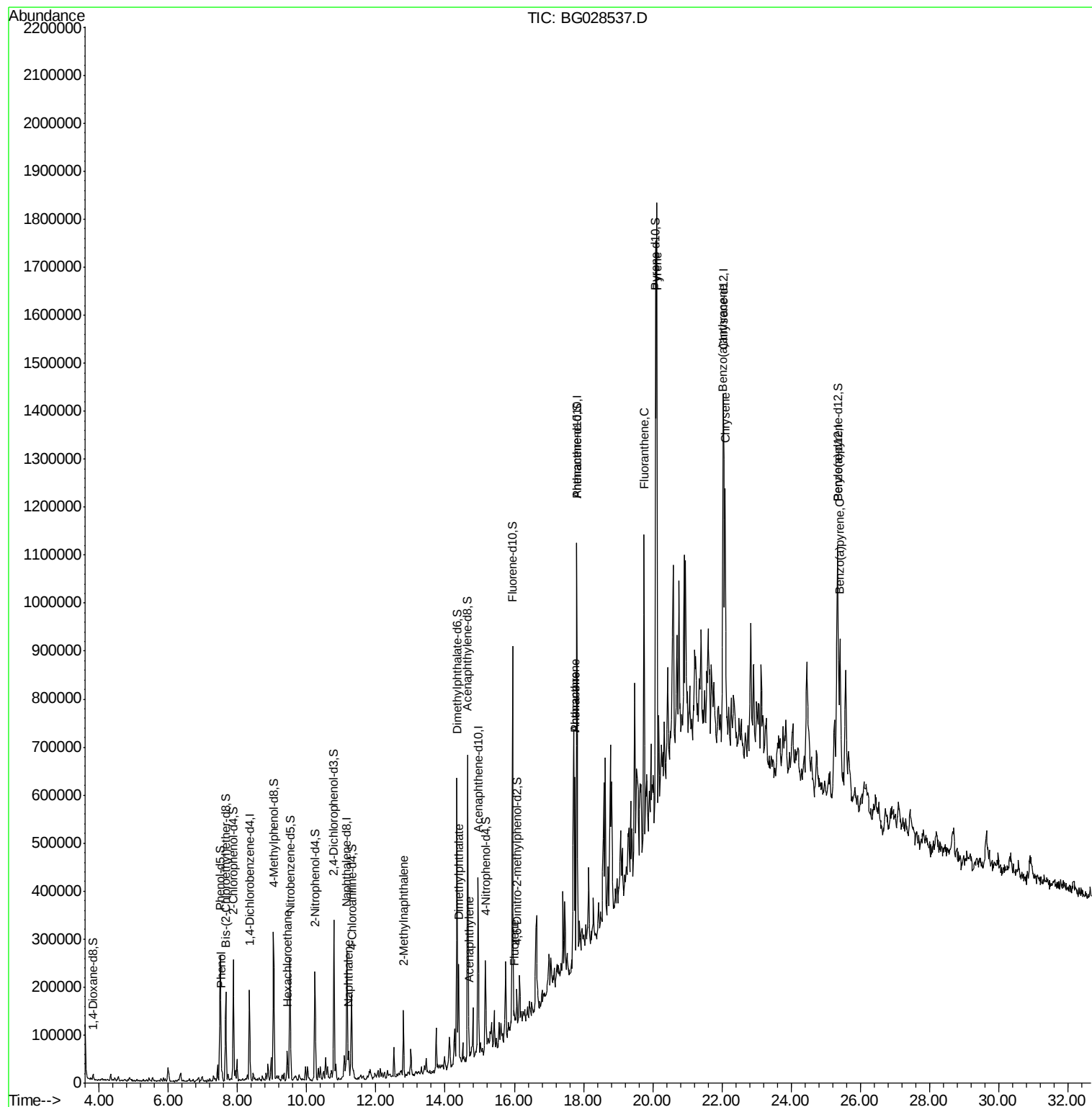
					Ovalue	
6) Phenol	7.53	94	12347	2.172	ng/ul	96
17) Hexachloroethane	9.44	117	6374	4.374	ng/ul#	1
28) Naphthalene	11.22	128	37020	3.530	ng/ul	95
34) 2-Methylnaphthalene	12.80	142	62067	7.368	ng/ul	95
44) Dimethylphthalate	14.39	163	95623	8.578	ng/ul	99
47) Acenaphthylene	14.69	152	40834	3.130	ng/ul	98
58) Fluorene	16.00	166	18939	1.667	ng/ul#	80
69) Phenanthrene	17.75	178	255218	9.292	ng/ul	97
71) Anthracene	17.75	178	255218	9.092	ng/ul	98
74) Fluoranthene	19.75	202	407216	12.199	ng/ul	97
77) Pyrene	20.12	202	775945	33.404	ng/ul	99
80) Benzo(a)anthracene	22.03	228	332242	14.769	ng/ul#	91
82) Chrysene	22.10	228	440911	21.762	ng/ul#	91
88) Benzo(a)pyrene	25.41	252	341029	9.425	ng/ul	95

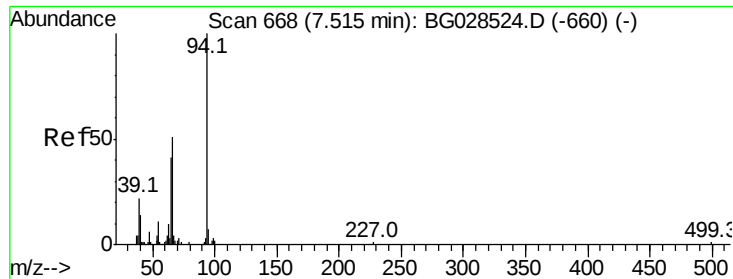
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028537.D
Acq On : 29 Aug 2017 3:07
Operator : SJ/JU
Sample : I4905-21
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B23

Quant Time: Aug 29 04:01:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.172 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

Instrument :

BNA_G

ClientSampleId :

B0B23

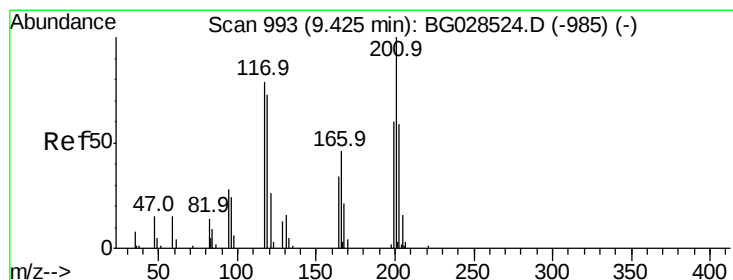
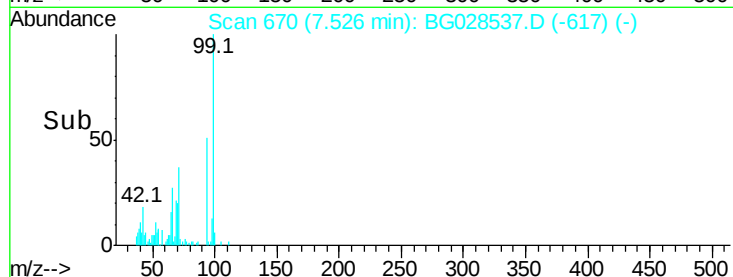
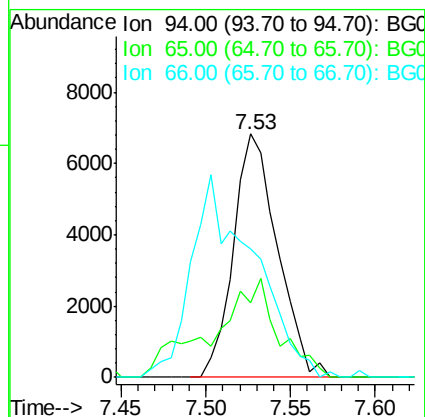
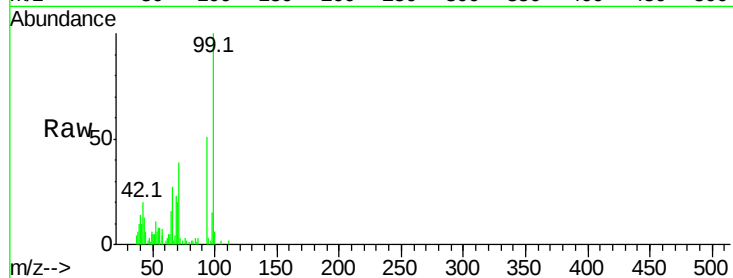
Tot Ion: 94 Resp: 12347

Ion Ratio Lower Upper

94 100

65 30.8 26.8 40.2

66 52.9 44.4 66.6



#17

Hexachloroethane

Concen: 4.374 ng/ul

RT: 9.44 min Scan# 996

Delta R.T. 0.02 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

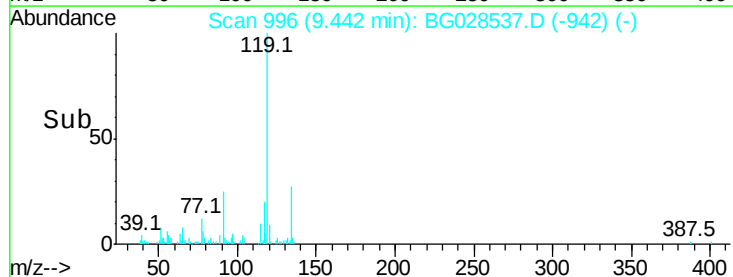
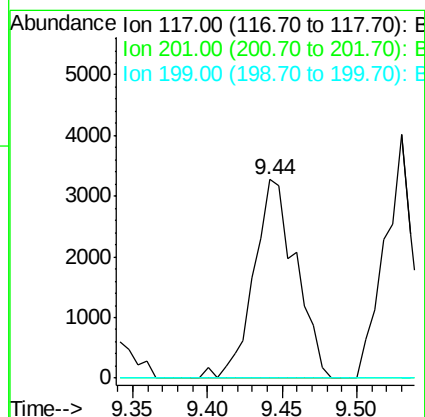
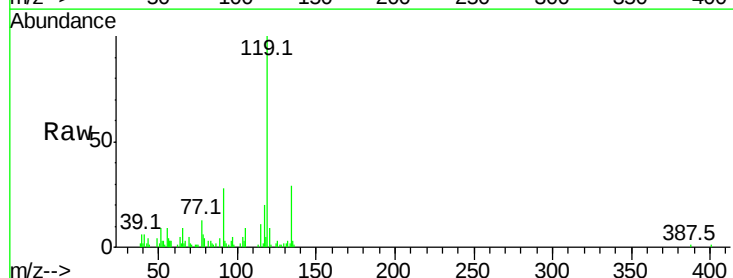
Tgt Ion: 117 Resp: 6374

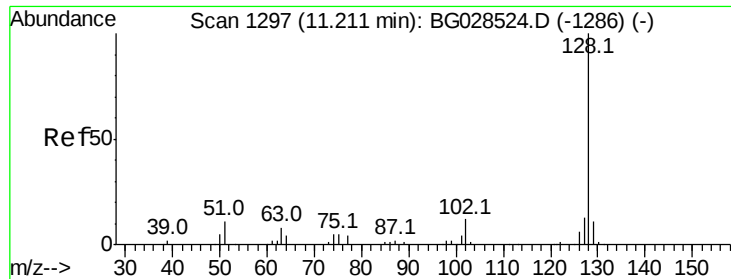
Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

199 0.0 64.3 96.5#





#28

Naphthalene

Concen: 3.530 ng/ul

RT: 11.22 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

Instrument :

BNA_G

ClientSampleId :

B0B23

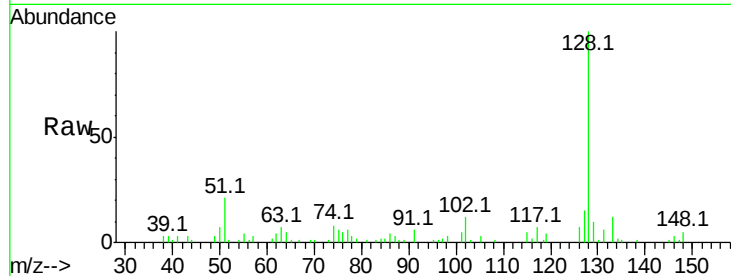
Tot Ion:128 Resp: 37020

Ion	Ratio	Lower	Upper
128	100		
129	9.5	9.4	14.2
127	14.9	10.3	15.5

128 100

129 9.5 9.4 14.2

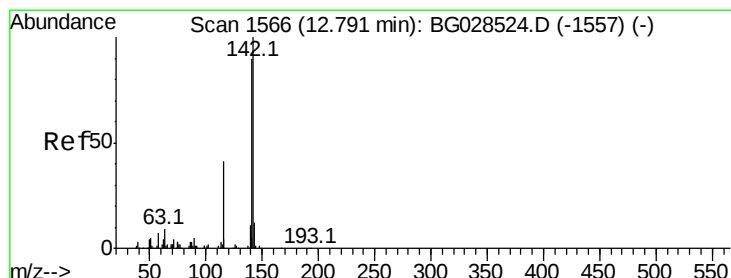
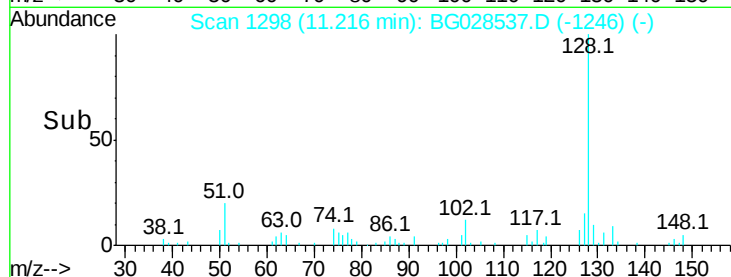
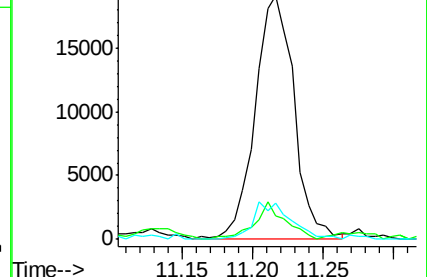
127 14.9 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 7.368 ng/ul

RT: 12.80 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BG028537.D

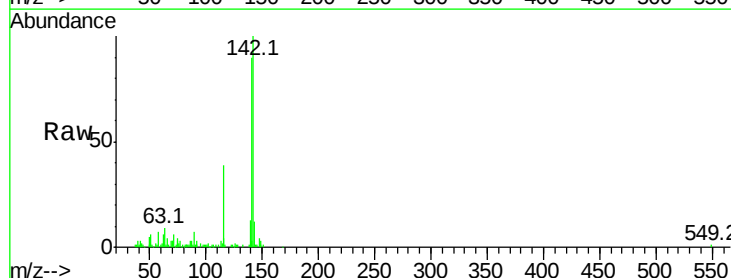
Acq: 29 Aug 2017 3:07

Tgt Ion:142 Resp: 62067

Ion	Ratio	Lower	Upper
142	100		
141	90.3	68.6	102.8

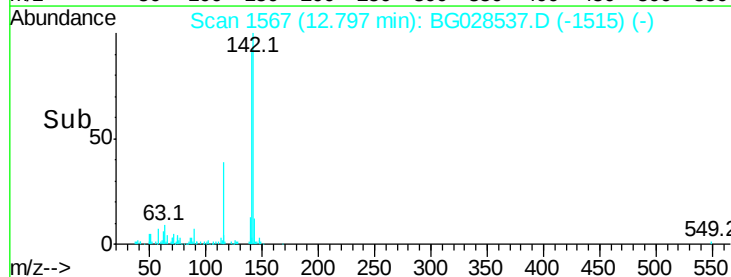
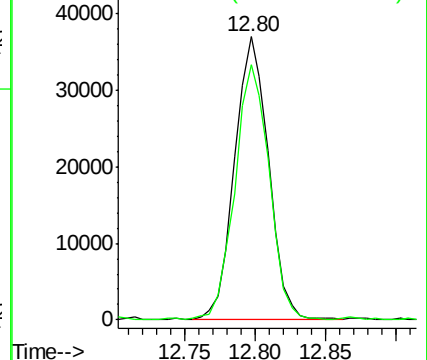
142 100

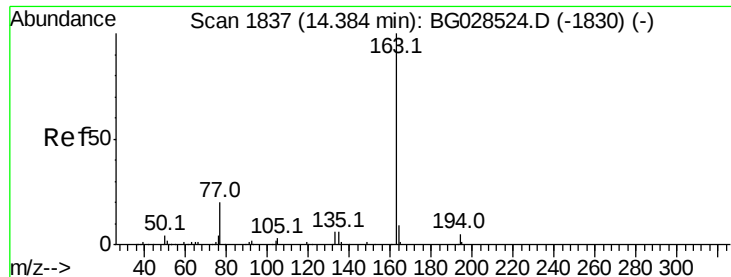
141 90.3 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 8.578 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

Instrument :

BNA_G

ClientSampleId :

B0B23

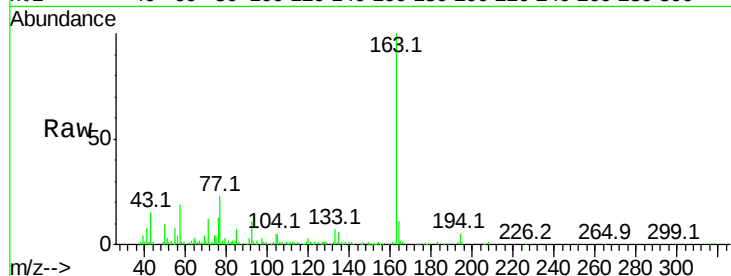
Tot Ion:163 Resp: 95623

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

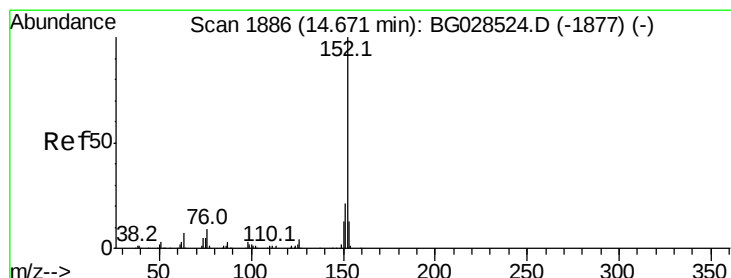
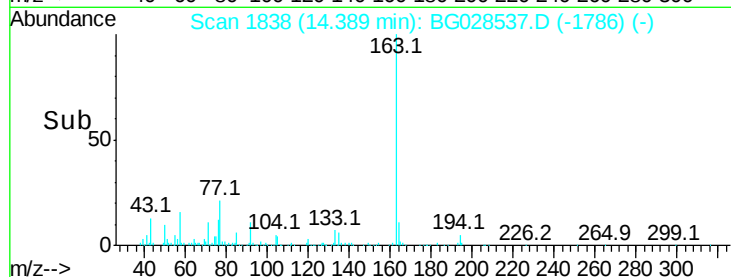
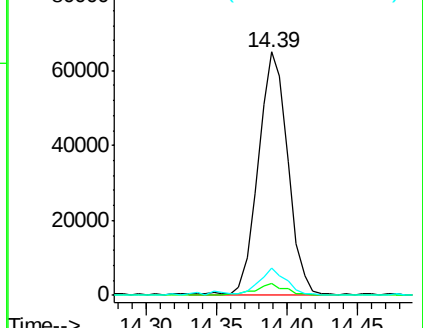
164 11.1 9.0 13.4



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



#47

Acenaphthylene

Concen: 3.130 ng/ul

RT: 14.69 min Scan# 1889

Delta R.T. 0.02 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

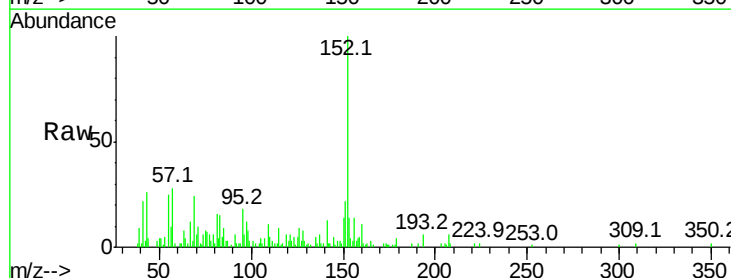
Tgt Ion:152 Resp: 40834

Ion Ratio Lower Upper

152 100

151 22.2 16.7 25.1

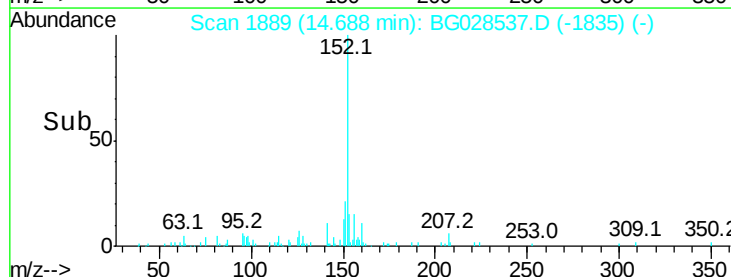
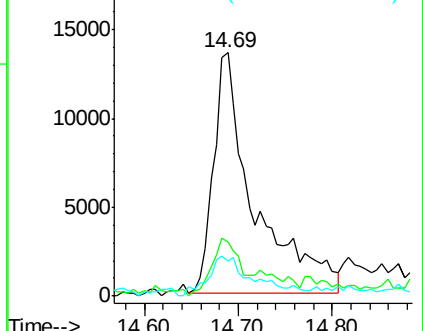
153 14.4 11.4 17.2

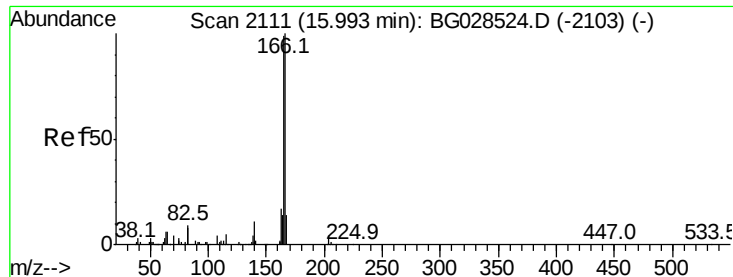


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#58

Fluorene

Concen: 1.667 ng/ul

RT: 16.00 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

Instrument :

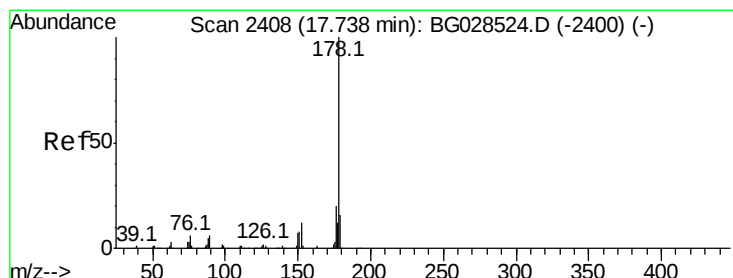
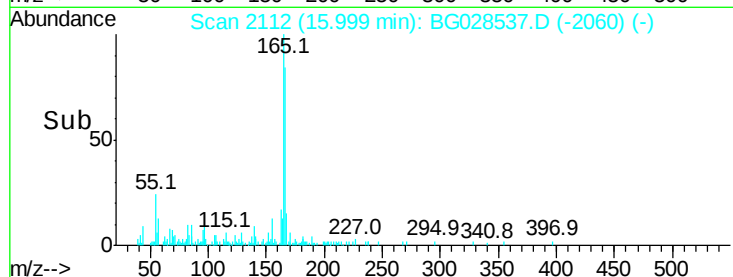
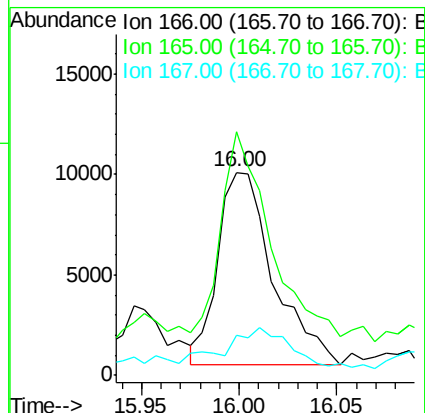
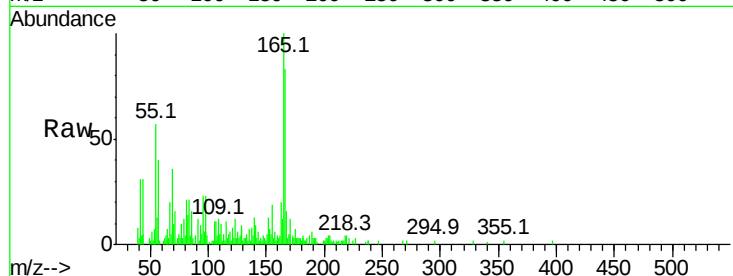
BNA_G

ClientSampleId :

B0B23

Tot Ion:166 Resp: 18939

Ion	Ratio	Lower	Upper
166	100		
165	120.1	79.7	119.5#
167	19.6	11.4	17.2#



#69

Phenanthrene

Concen: 9.292 ng/ul

RT: 17.75 min Scan# 2410

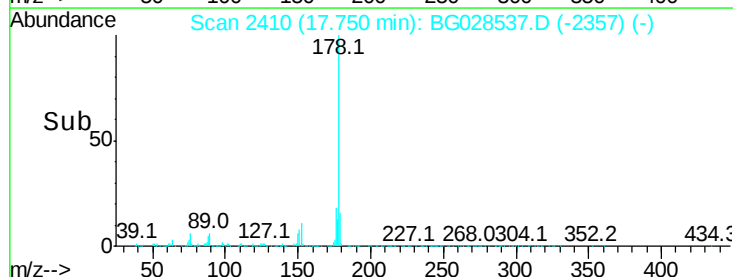
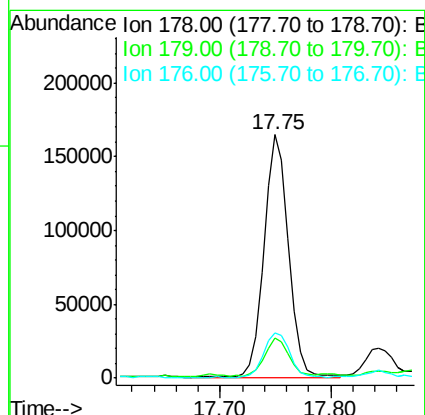
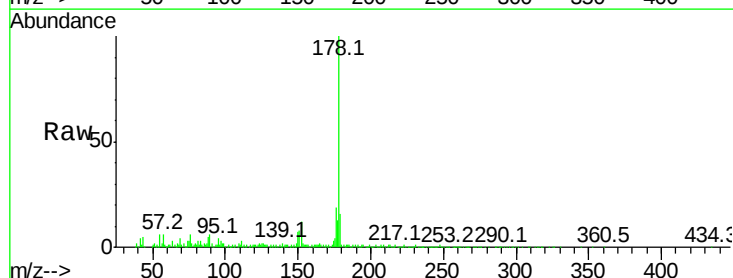
Delta R.T. 0.01 min

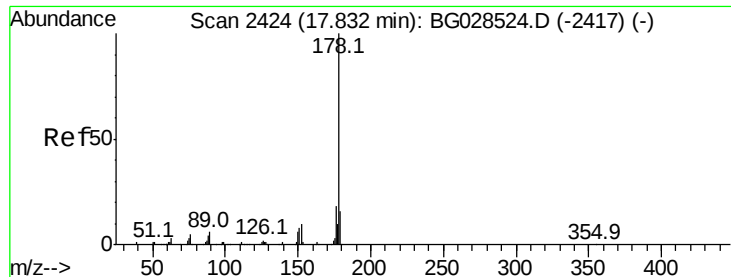
Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

Tgt Ion:178 Resp: 255218

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	18.8	16.5	24.7

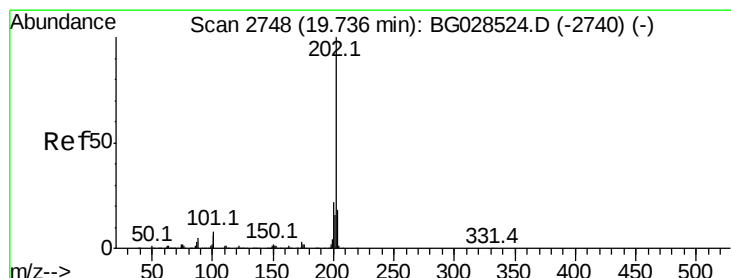
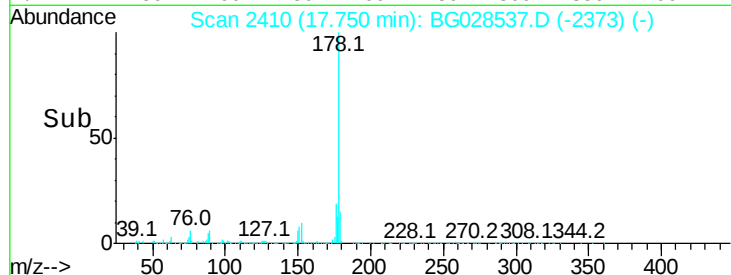
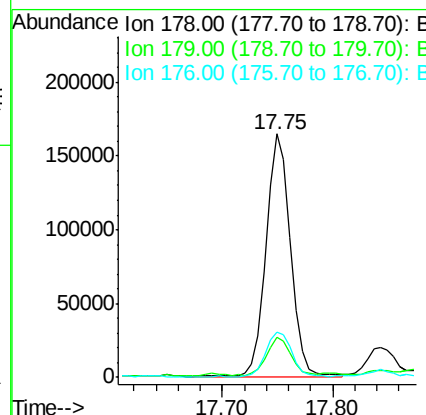
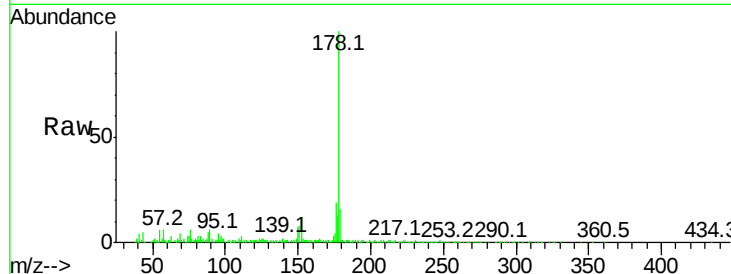




#71
 Anthracene
 Concen: 9.092 ng/ul
 RT: 17.75 min Scan# 2410
 Delta R.T. -0.08 min
 Lab File: BG028537.D
 Acq: 29 Aug 2017 3:07

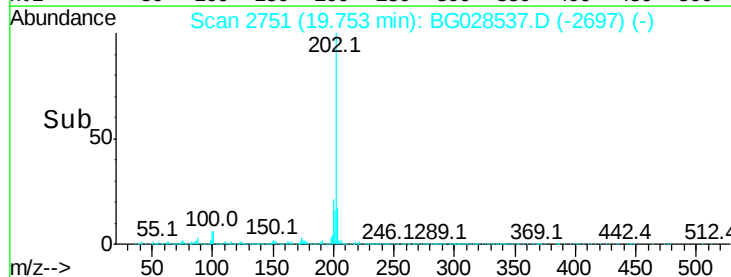
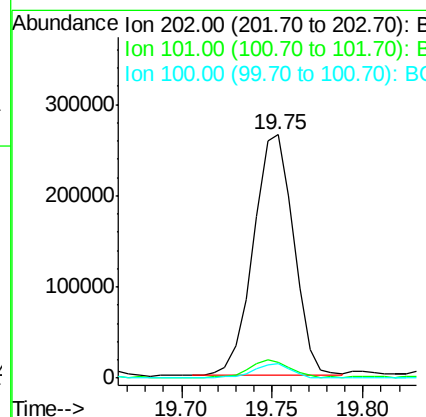
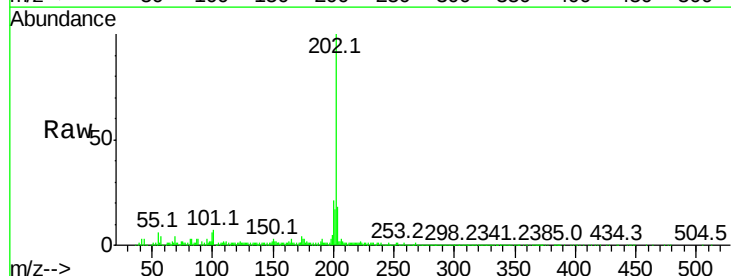
Instrument :
 BNA_G
 ClientSampleId :
 B0B23

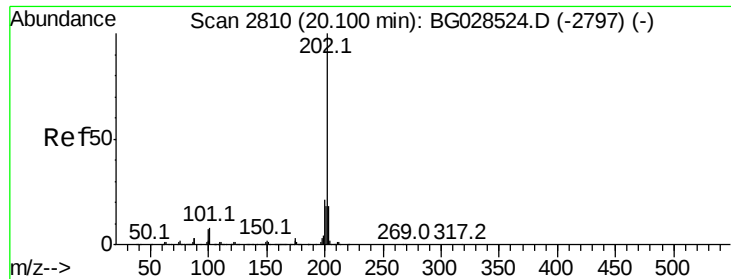
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	18.8	15.9	23.9



#74
 Fluoranthene
 Concen: 12.199 ng/ul
 RT: 19.75 min Scan# 2751
 Delta R.T. 0.02 min
 Lab File: BG028537.D
 Acq: 29 Aug 2017 3:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.2	9.2
100	5.8	5.2	7.8





#77

Pvrene

Concen: 33.404 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. 0.02 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

Instrument :

BNA_G

ClientSampleId :

B0B23

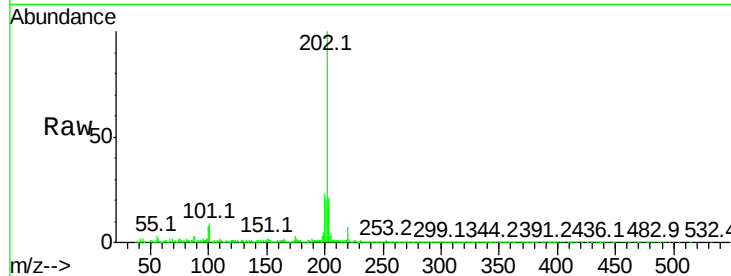
Tot Ion:202 Resp: 775945

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

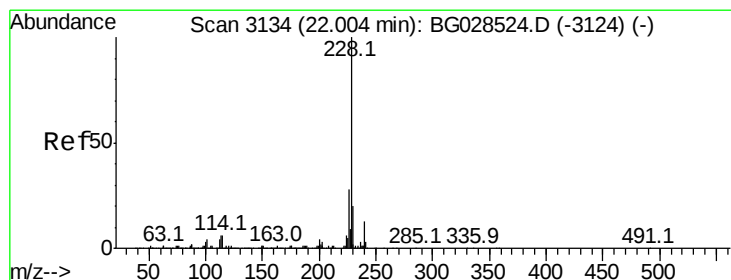
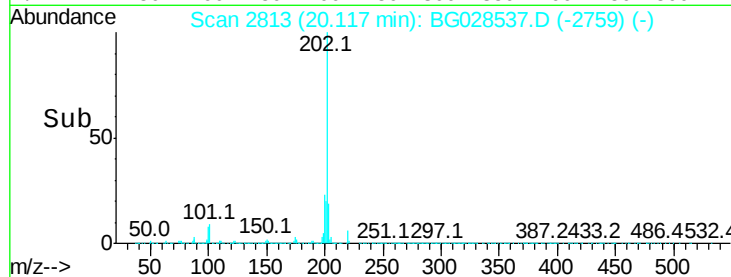
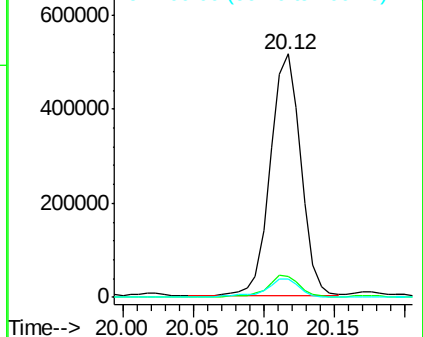
100 7.7 6.6 10.0



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



#80

Benzo(a)anthracene

Concen: 14.769 ng/ul

RT: 22.03 min Scan# 3138

Delta R.T. 0.02 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

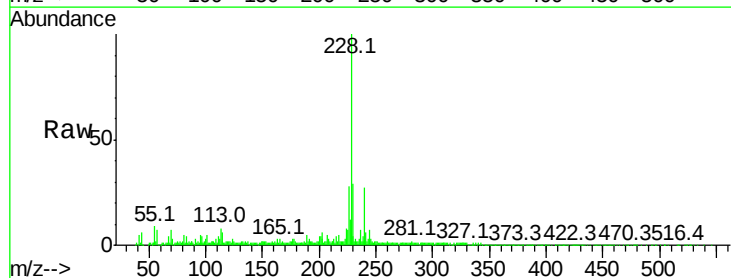
Tgt Ion:228 Resp: 332242

Ion Ratio Lower Upper

228 100

229 28.7 16.3 24.5#

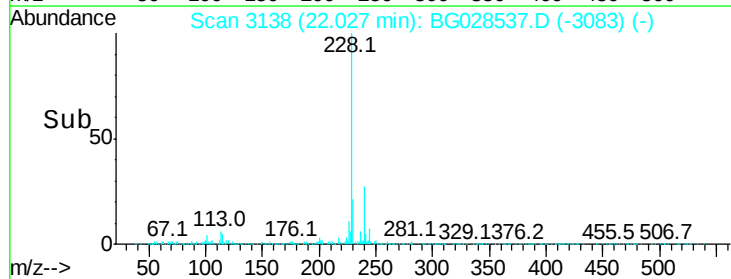
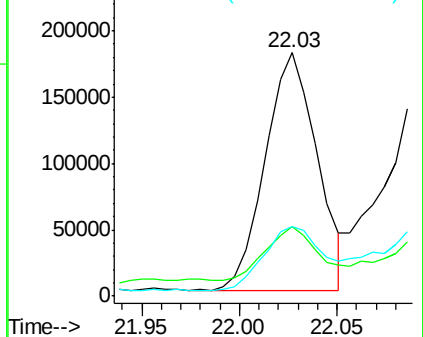
226 28.4 21.9 32.9

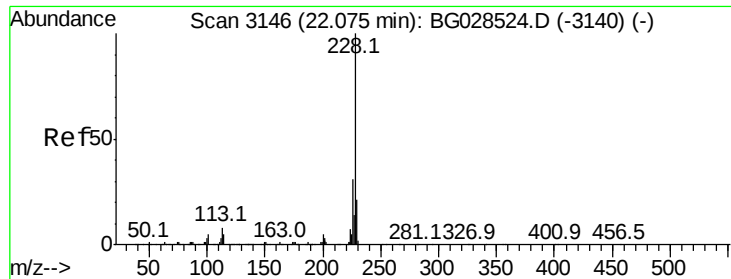


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 21.762 ng/ul

RT: 22.10 min Scan# 3150

Delta R.T. 0.02 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

Instrument :

BNA_G

ClientSampleId :

B0B23

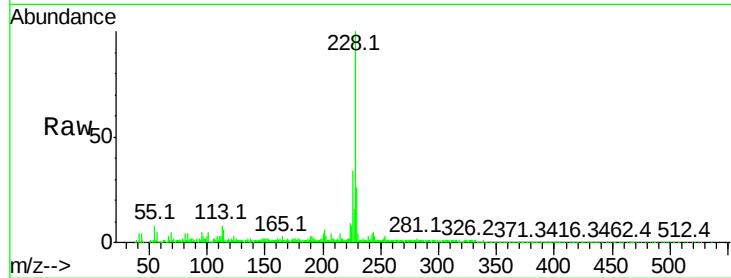
Tot Ion:228 Resp: 440911

Ion Ratio Lower Upper

228 100

226 34.1 24.0 36.0

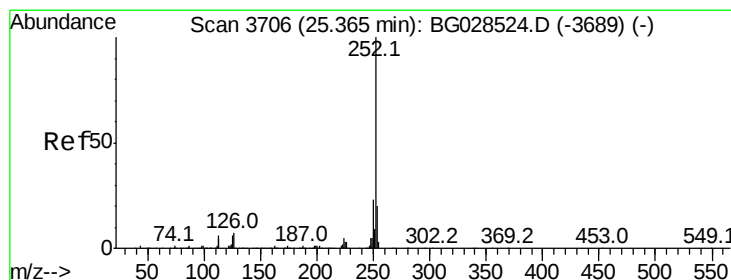
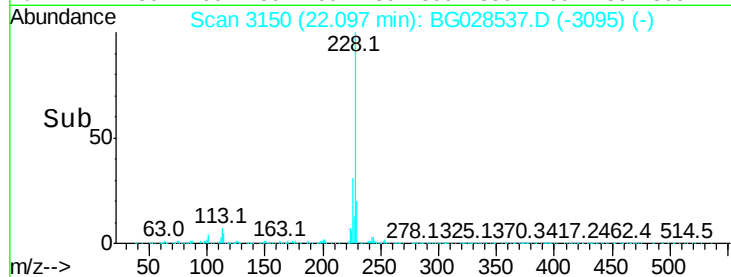
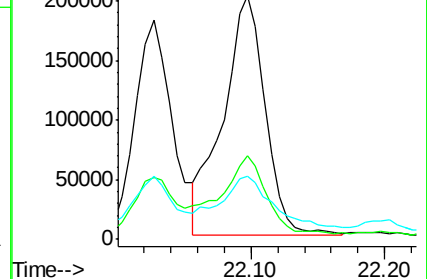
229 26.1 16.9 25.3#



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



#88

Benzo(a)pyrene

Concen: 9.425 ng/ul

RT: 25.41 min Scan# 3714

Delta R.T. 0.05 min

Lab File: BG028537.D

Acq: 29 Aug 2017 3:07

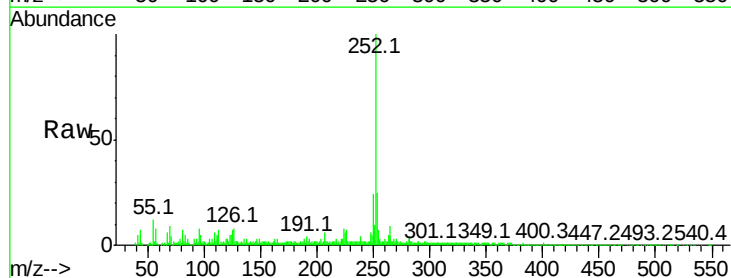
Tgt Ion:252 Resp: 341029

Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.6

125 7.4 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

