

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028529.D
 Acq On : 28 Aug 2017 21:52
 Operator : SJ/JU
 Sample : I4905-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B19

Quant Time: Aug 29 04:56:57 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	48050	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	188845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	136030	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	301707	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	350431	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	345149	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	6096	5.91	ng/uL	0.00
5) Phenol-d5	7.49	99	156289	29.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	102904	30.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	115641	34.74	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	119518	27.10	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	62007	41.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	73936	45.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	136972	40.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	172612	46.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	465174	38.45	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	530127	38.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	66847	34.75	ng/ul	0.01
57) Fluorene-d10	15.94	176	396699	36.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	74607	38.07	ng/ul	0.00
70) Anthracene-d10	17.81	188	625974	43.27	ng/ul	0.00
76) Pyrene-d10	20.08	212	738789	41.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	726708	44.98	ng/ul	0.01

Target Compounds

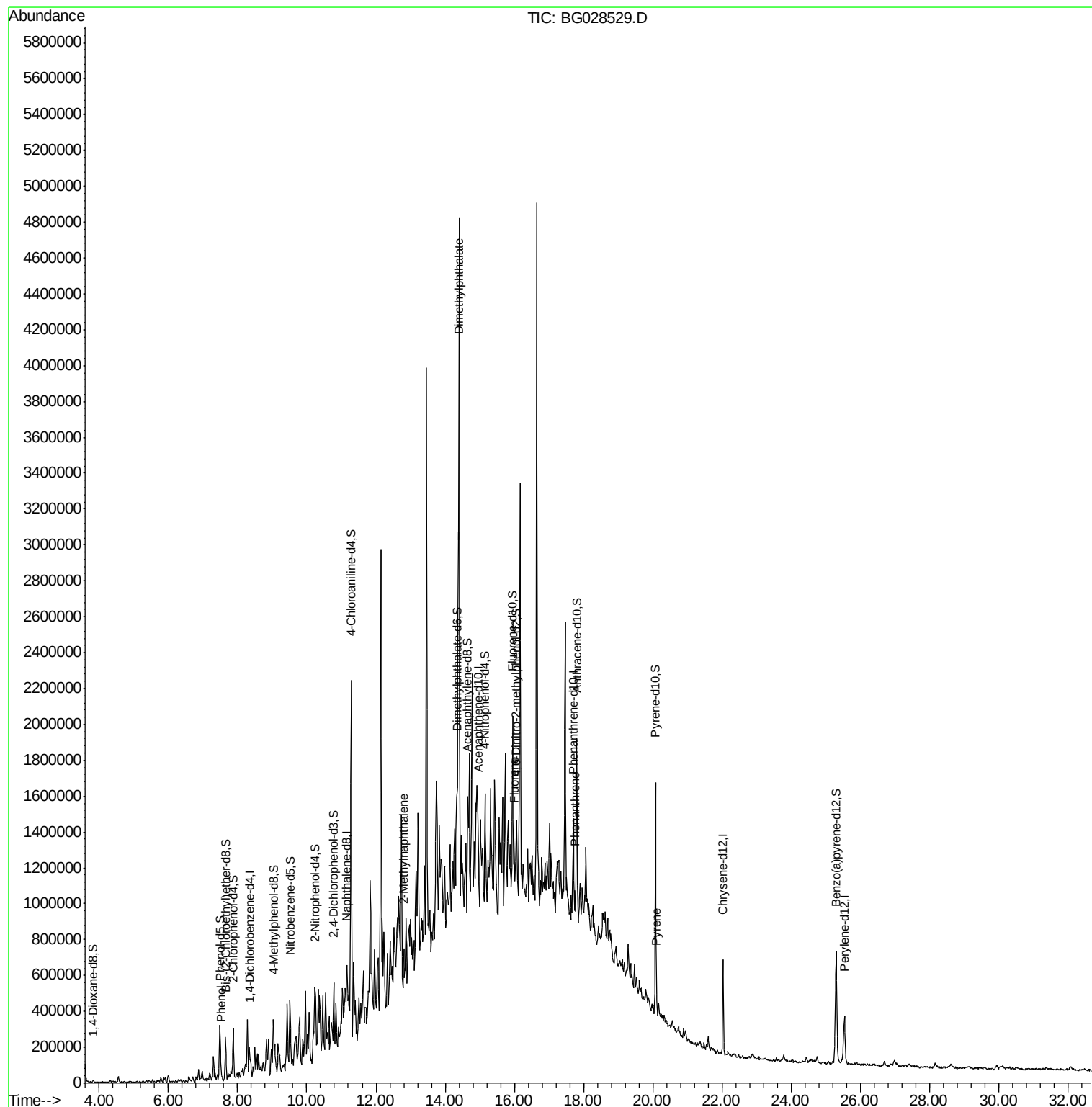
					Ovalue	
6) Phenol	7.52	94	13145	2.506	ng/ul#	88
34) 2-Methylnaphthalene	12.80	142	44741	5.956	ng/ul	95
44) Dimethylphthalate	14.39	163	132873	11.928	ng/ul#	84
58) Fluorene	16.00	166	22871	2.014	ng/ul#	64
69) Phenanthrene	17.75	178	67505	4.446	ng/ul#	85
77) Pyrene	20.11	202	33512	1.603	ng/ul#	89

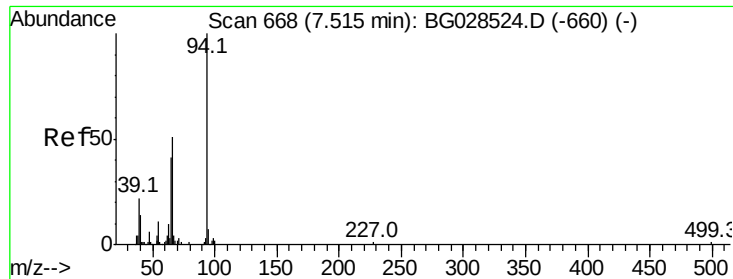
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.506 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG028529.D

Acq: 28 Aug 2017 21:52

Instrument :

BNA_G

ClientSampleId :

B0B19

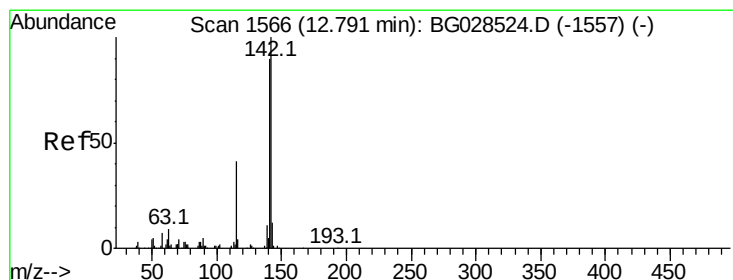
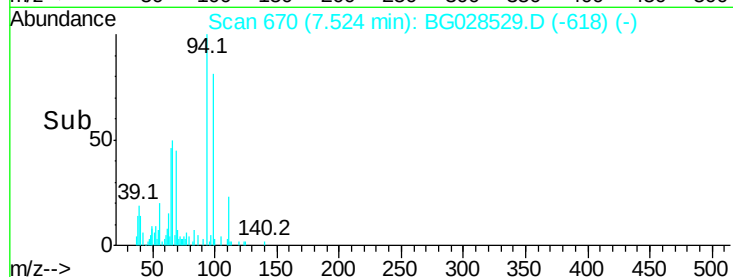
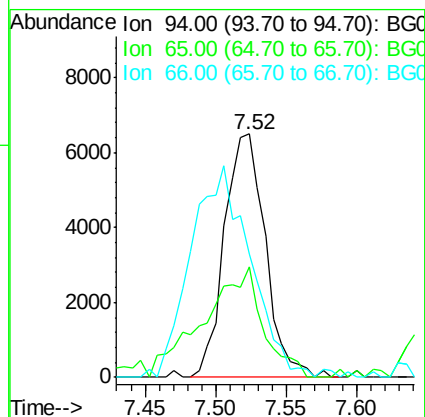
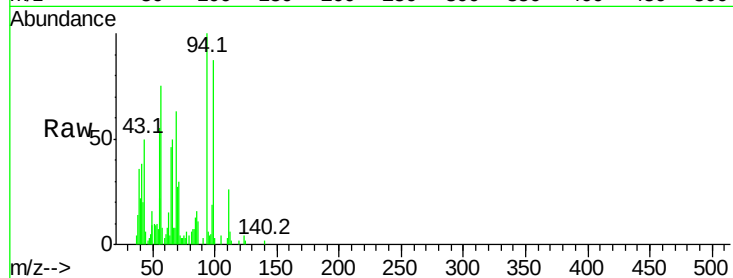
Tot Ion: 94 Resp: 13145

Ion Ratio Lower Upper

94 100

65 45.5 26.8 40.2#

66 50.4 44.4 66.6



#34

2-Methylnaphthalene

Concen: 5.956 ng/ul

RT: 12.80 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG028529.D

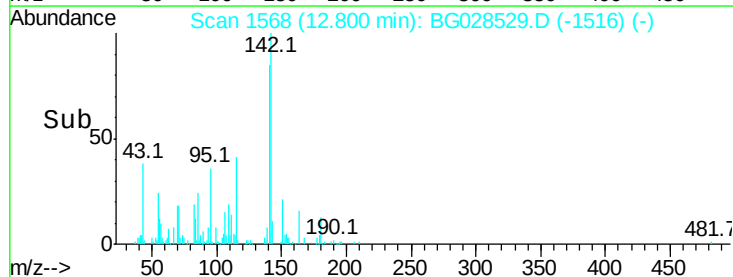
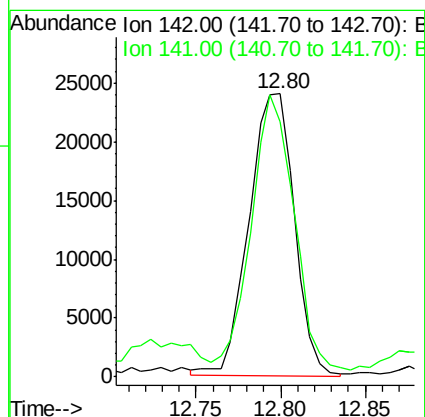
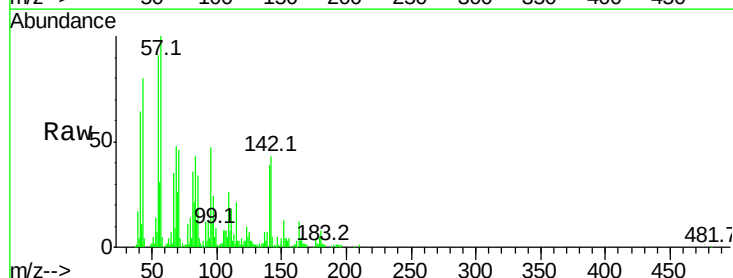
Acq: 28 Aug 2017 21:52

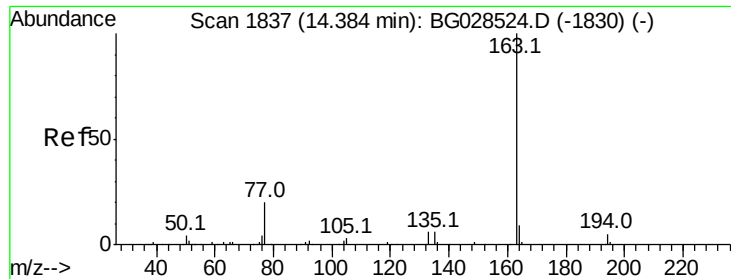
Tgt Ion: 142 Resp: 44741

Ion Ratio Lower Upper

142 100

141 90.1 68.6 102.8





#44

Dimethylphthalate

Concen: 11.928 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028529.D

Acq: 28 Aug 2017 21:52

Instrument :

BNA_G

ClientSampleId :

B0B19

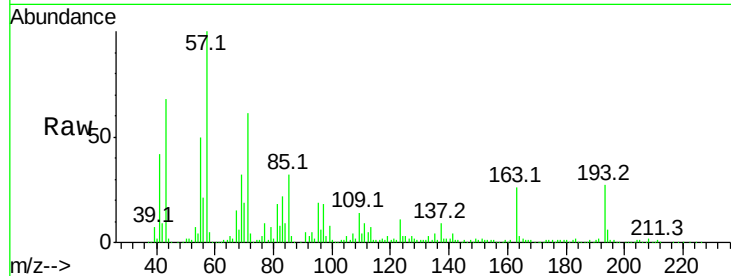
Tot Ion:163 Resp: 132873

Ion Ratio Lower Upper

163 100

194 22.4 3.4 5.0#

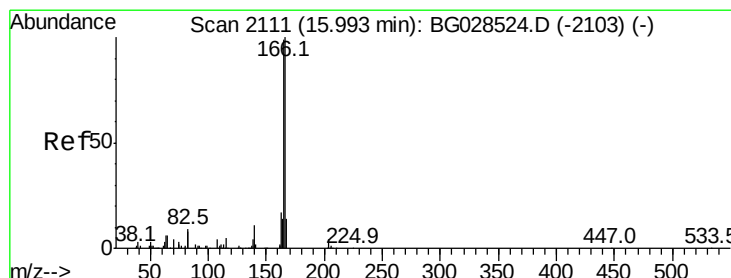
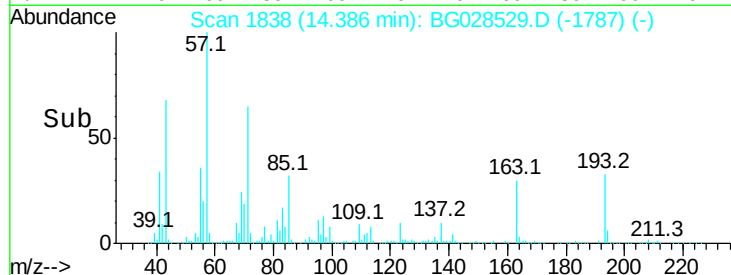
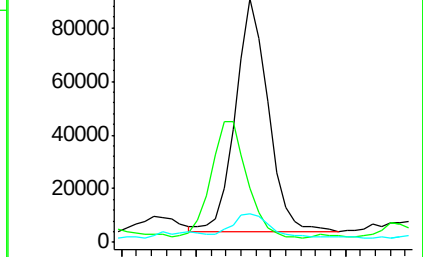
164 11.8 9.0 13.4



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



#58

Fluorene

Concen: 2.014 ng/ul

RT: 16.00 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BG028529.D

Acq: 28 Aug 2017 21:52

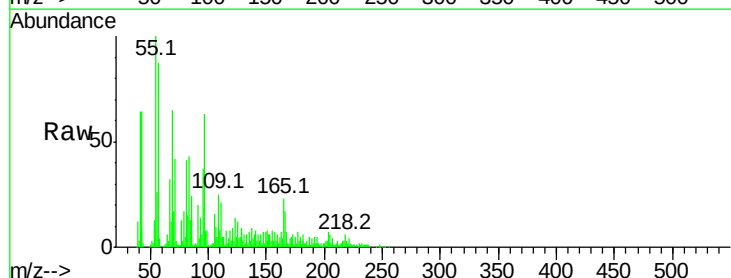
Tgt Ion:166 Resp: 22871

Ion Ratio Lower Upper

166 100

165 131.9 79.7 119.5#

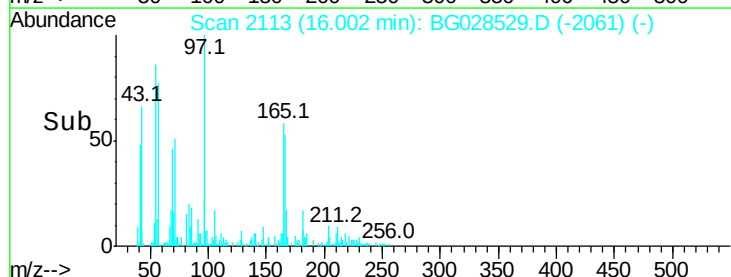
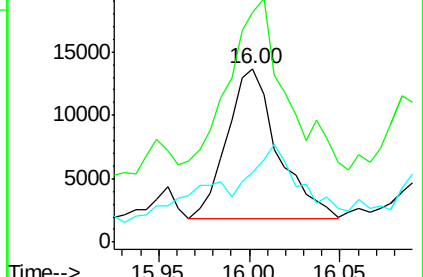
167 40.2 11.4 17.2#

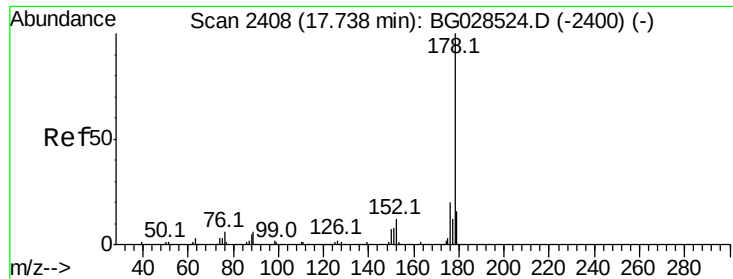


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 4.446 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BG028529.D

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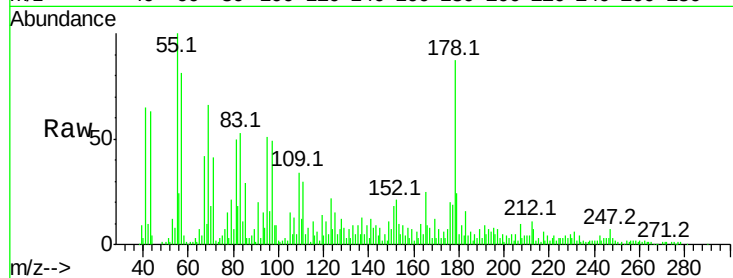
Tot Ion:178 Resp: 67505

Ion Ratio Lower Upper

178 100

179 27.3 12.4 18.6#

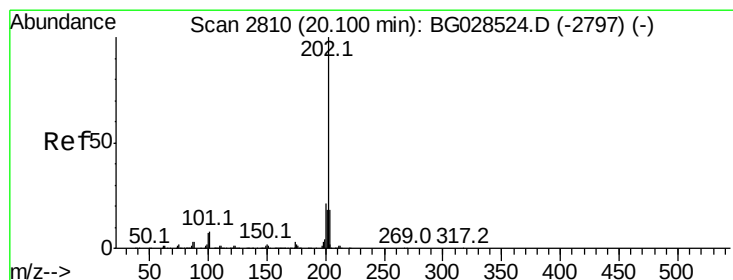
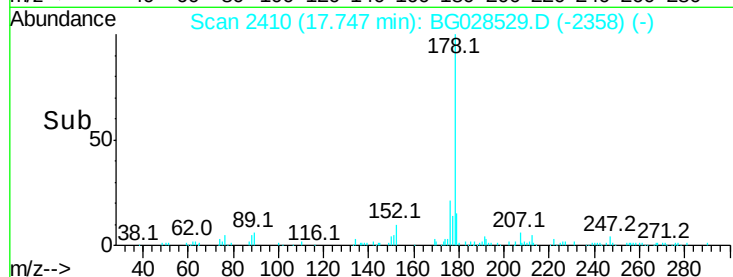
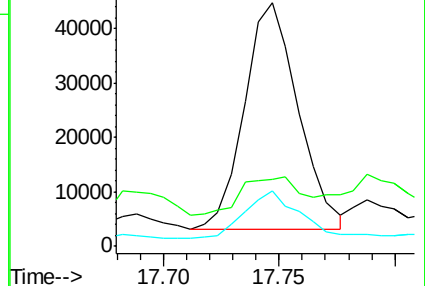
176 22.8 16.5 24.7



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



#77

Pyrene

Concen: 1.603 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BG028529.D

Acq: 28 Aug 2017 21:52

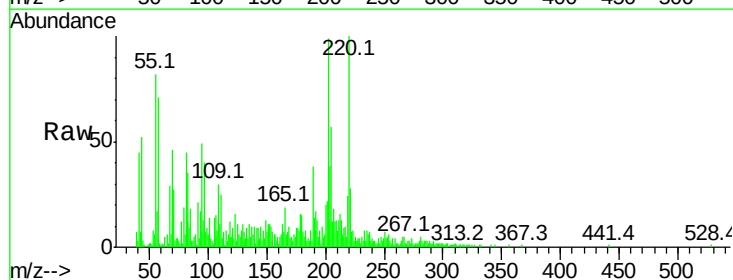
Tgt Ion:202 Resp: 33512

Ion Ratio Lower Upper

202 100

101 14.5 6.9 10.3#

100 6.5 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): E

