

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028348.D
 Acq On : 15 Aug 2017 18:00
 Operator : SJ/JU
 Sample : I4672-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ1

Quant Time: Aug 16 01:27:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 01:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	28343	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	150551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	122592	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	297344	20.00	ng/ul	0.10
75) Chrysene-d12	22.05	240	325623	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	278413	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	2632	4.32	ng/uL	0.01
5) Phenol-d5	7.51	99	73050	23.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	45177	22.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	50916	25.93	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	50482	19.40	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	28323	24.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	33290	25.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	59451	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	75269	25.32	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	214175	19.64	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	250084	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	22907	13.21	ng/ul	0.01
57) Fluorene-d10	15.95	176	189901	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	31970	16.55	ng/ul	0.00
70) Anthracene-d10	17.81	188	297956	20.90	ng/ul	0.00
76) Pyrene-d10	20.09	212	354092	21.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	297459	22.82	ng/ul	0.00

Target Compounds

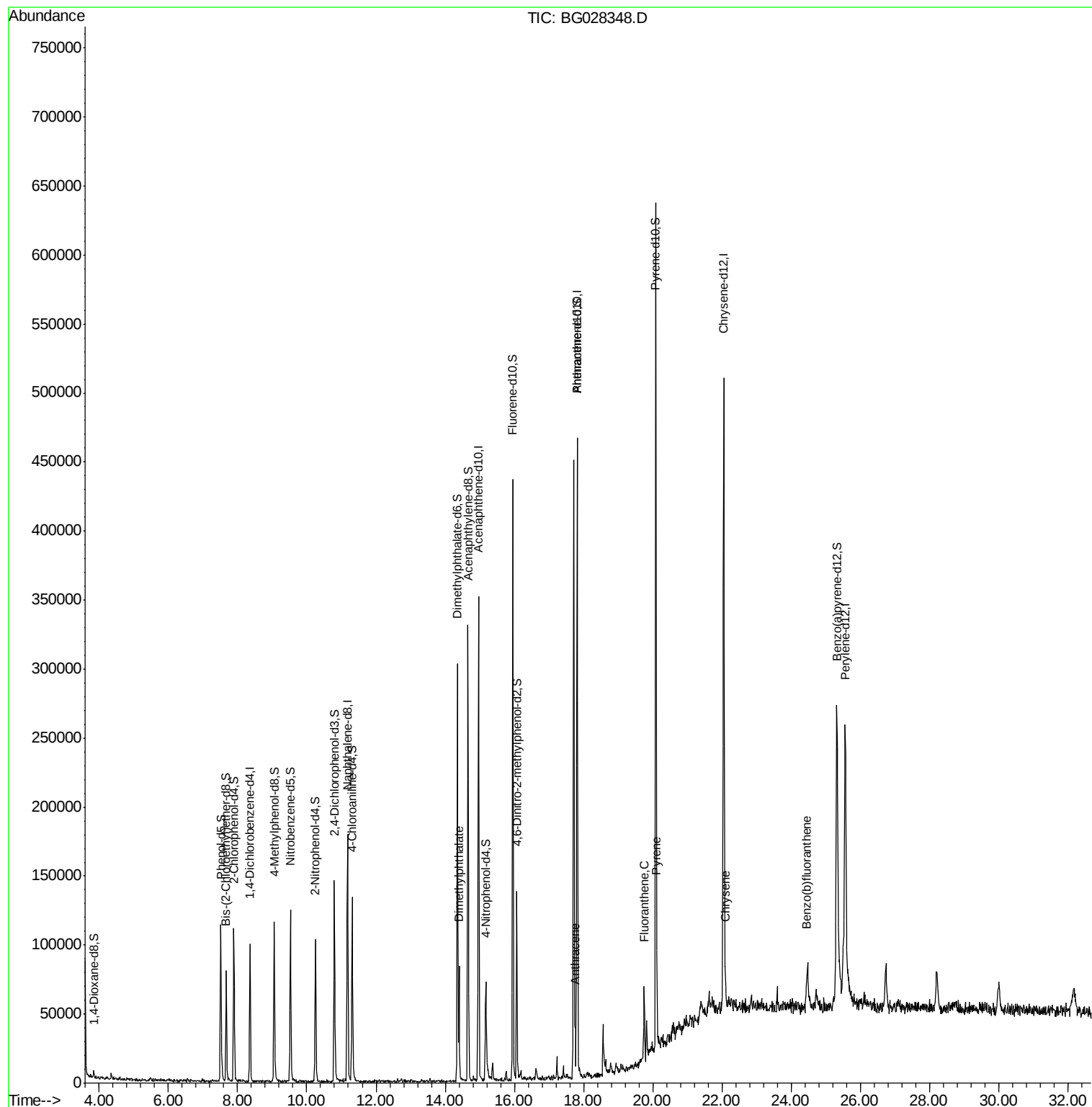
					Ovalue
44) Dimethylphthalate	14.40	163	50440	5.024 ng/ul	98
71) Anthracene	17.76	178	20443	1.337 ng/ul	94
74) Fluoranthene	19.75	202	34016	1.870 ng/ul	97
77) Pyrene	20.11	202	31238	1.608 ng/ul#	91
82) Chrysene	22.09	228	17626	1.040 ng/ul	91
85) Benzo(b)fluoranthene	24.45	252	18904	1.135 ng/ul#	94

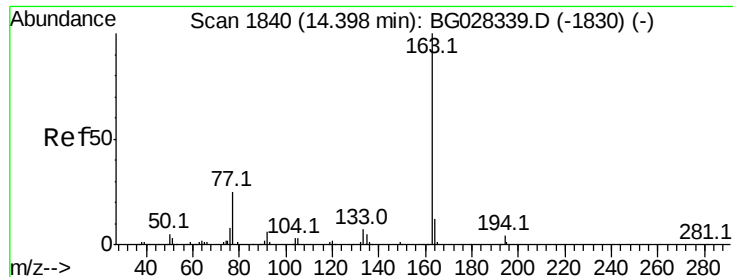
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.024 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

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Acq: 15 Aug 2017 18:00

Instrument :

BNA_G

ClientSampleId :

C0AJ1

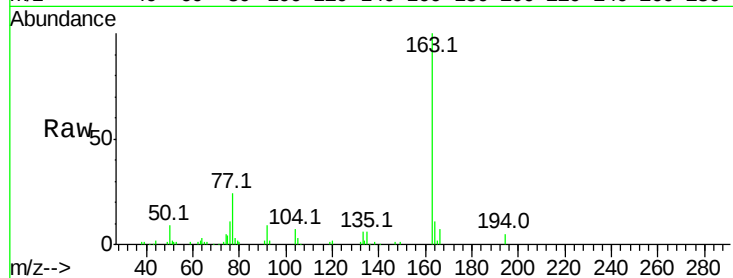
Tot Ion:163 Resp: 50440

Ion Ratio Lower Upper

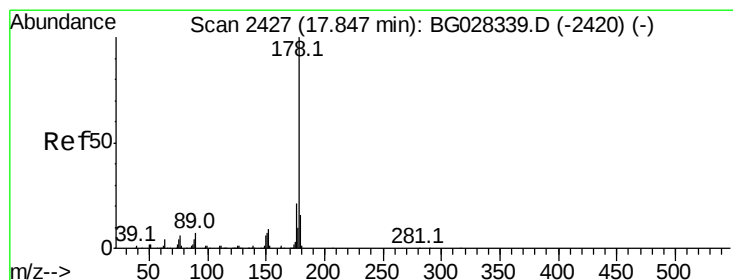
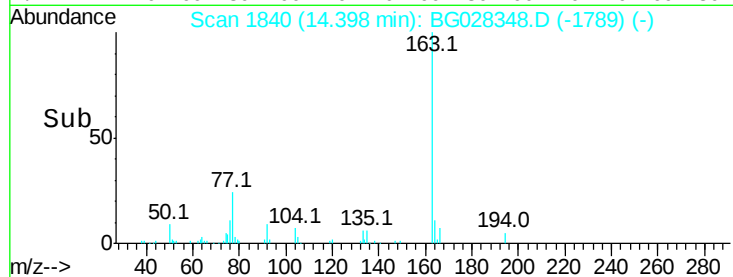
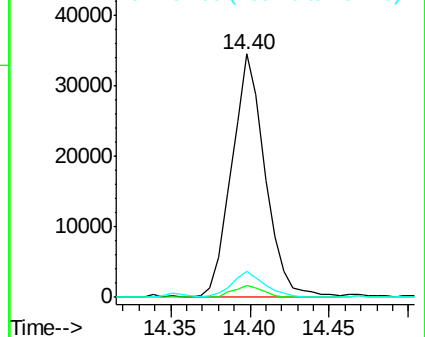
163 100

194 4.8 3.4 5.0

164 10.7 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



#71

Anthracene

Concen: 1.337 ng/ul

RT: 17.76 min Scan# 2412

Delta R.T. -0.09 min

Lab File: BG028348.D

Acq: 15 Aug 2017 18:00

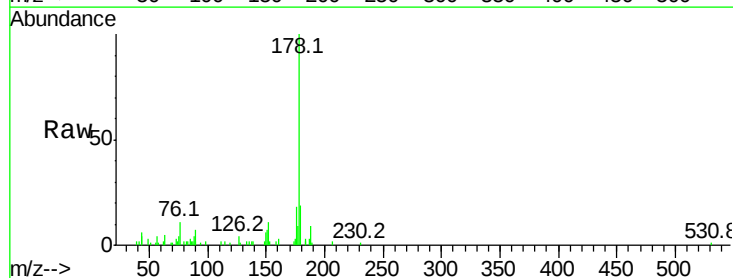
Tgt Ion:178 Resp: 20443

Ion Ratio Lower Upper

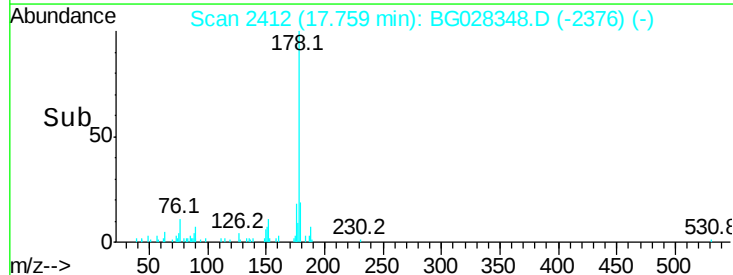
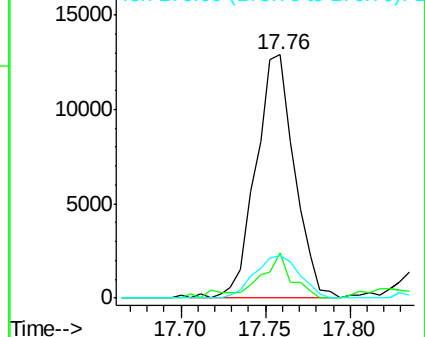
178 100

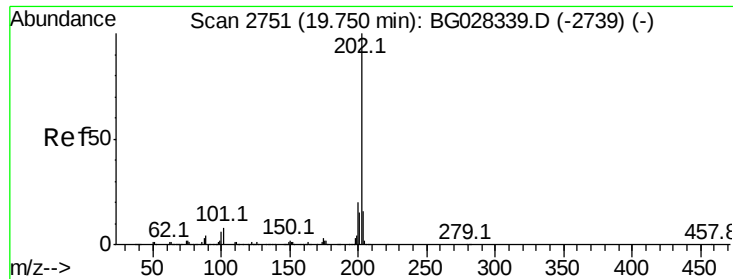
179 18.6 12.6 19.0

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: 1.870 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG028348.D

Acq: 15 Aug 2017 18:00

Instrument :

BNA_G

ClientSampleId :

C0AJ1

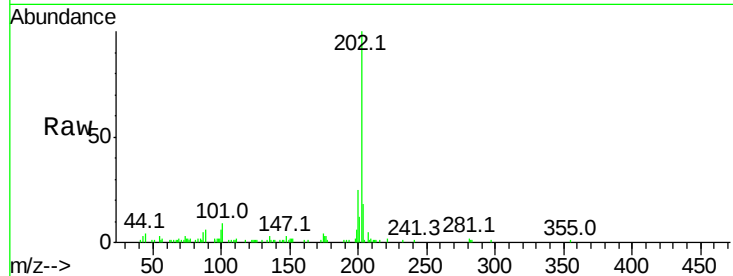
Tot Ion:202 Resp: 34016

Ion Ratio Lower Upper

202 100

101 9.1 6.2 9.2

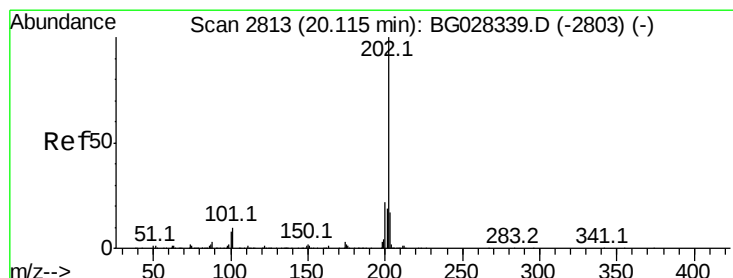
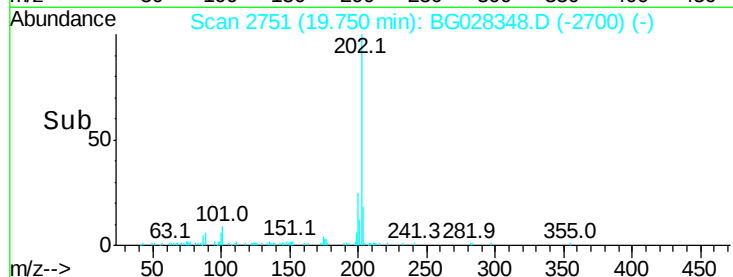
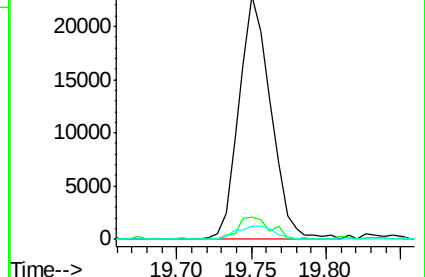
100 5.6 5.2 7.8



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: 1.608 ng/ul

RT: 20.11 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG028348.D

Acq: 15 Aug 2017 18:00

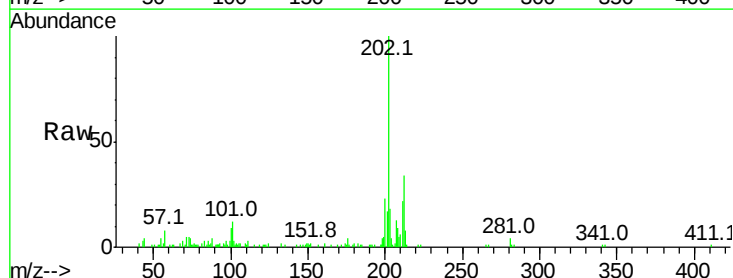
Tgt Ion:202 Resp: 31238

Ion Ratio Lower Upper

202 100

101 14.7 6.9 10.3#

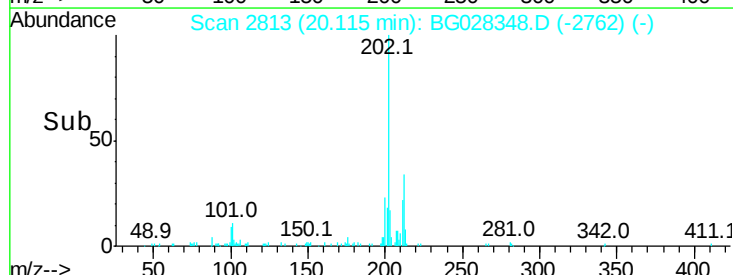
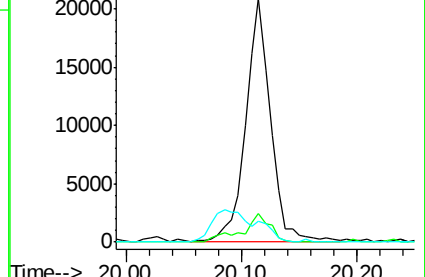
100 8.8 6.6 10.0

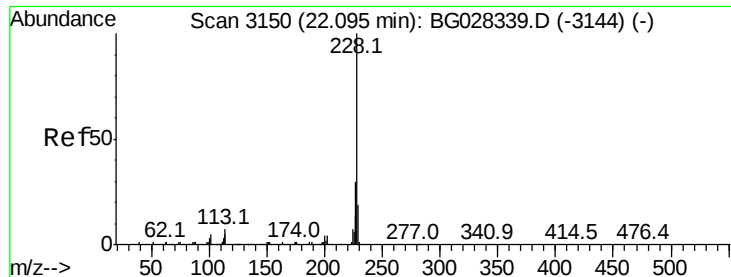


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.040 ng/ul

RT: 22.09 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG028348.D

Acq: 15 Aug 2017 18:00

Instrument :

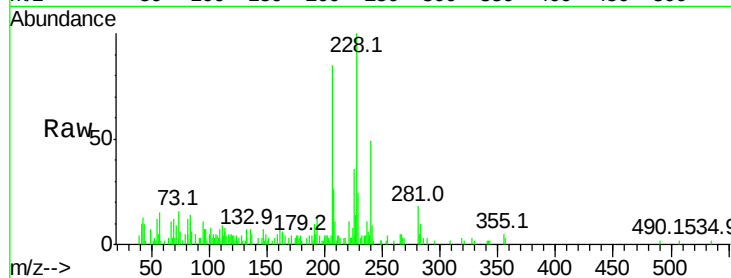
BNA_G

ClientSampleId :

C0AJ1

Tot Ion:228 Resp: 17626

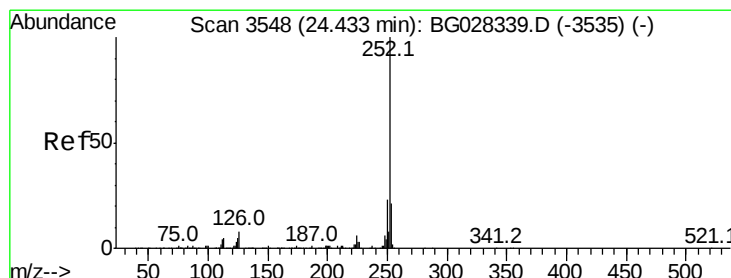
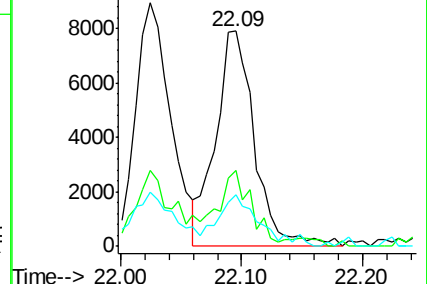
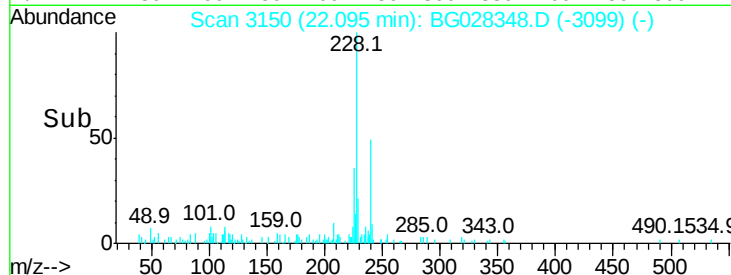
Ion	Ratio	Lower	Upper
228	100		
226	35.6	24.0	36.0
229	24.2	16.9	25.3



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: 1.135 ng/ul

RT: 24.45 min Scan# 3551

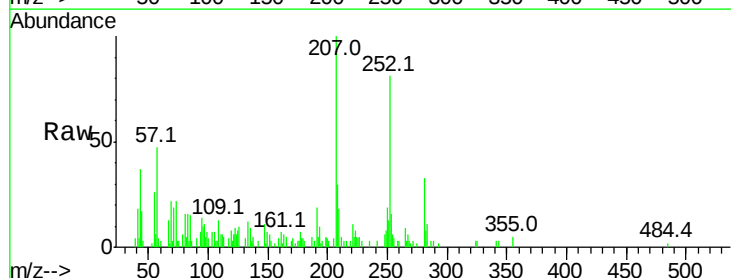
Delta R.T. 0.02 min

Lab File: BG028348.D

Acq: 15 Aug 2017 18:00

Tgt Ion:252 Resp: 18904

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.7	26.5
125	10.3	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

