

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028351.D
 Acq On : 15 Aug 2017 20:00
 Operator : SJ/JU
 Sample : I4672-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH0

Quant Time: Aug 16 01:28:01 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	8.35	152	38641	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	180909	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	131129	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	351340	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	337753	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	285974	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.05	96	64	0.08	ng/uL	0.21
5) Phenol-d5	7.51	99	75907	17.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	50051	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	54906	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	59507	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	30706	21.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	37044	23.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	67310	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	73905	20.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	244996	21.01	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	290281	22.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	28275	15.25	ng/ul	0.00
57) Fluorene-d10	15.95	176	224521	21.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	41052	17.99	ng/ul	0.00
70) Anthracene-d10	17.81	188	351340	20.85	ng/ul	0.00
76) Pyrene-d10	20.09	212	418128	24.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	365313	27.29	ng/ul	0.00

Target Compounds

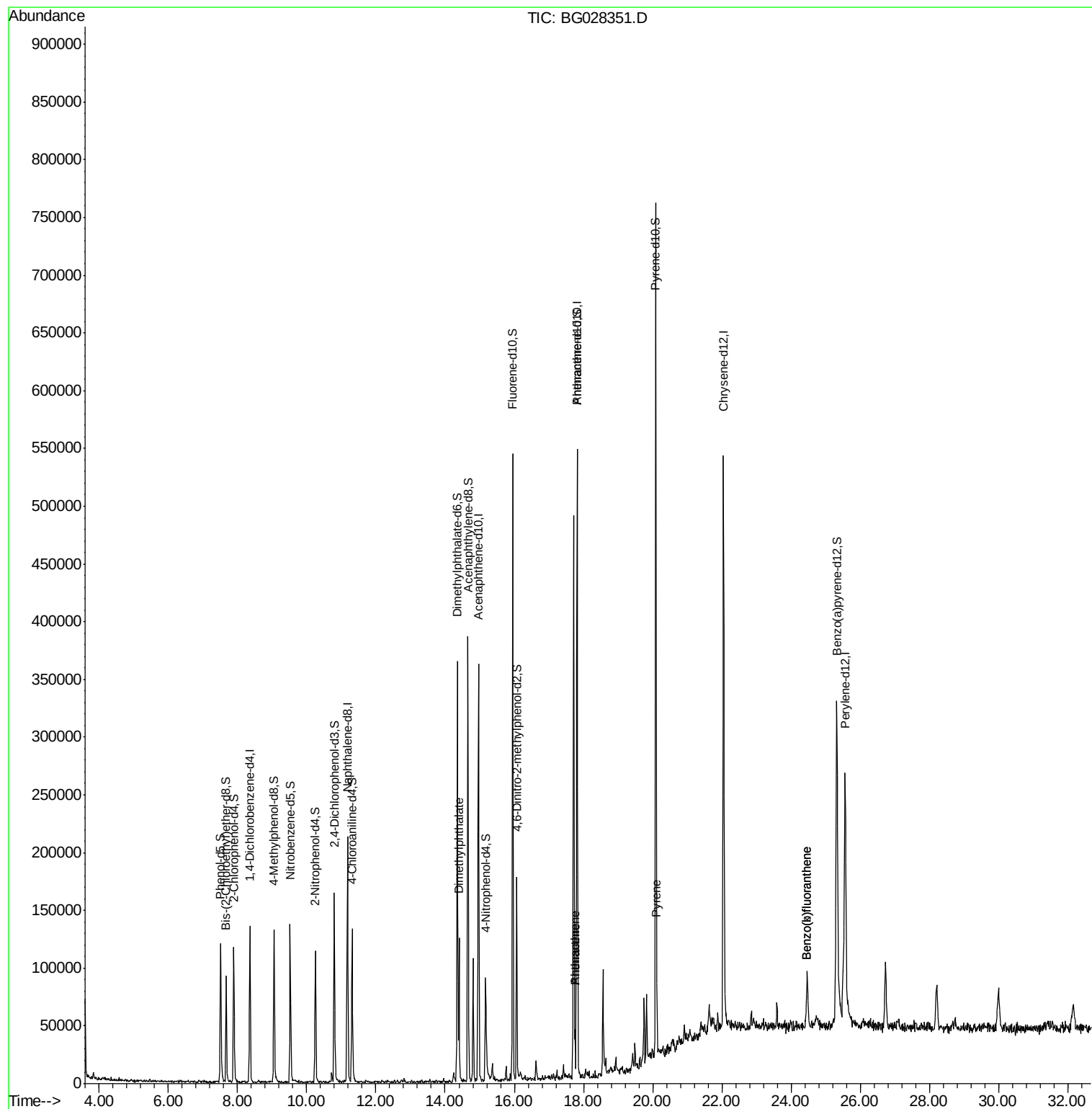
					Ovalue	
44) Dimethylphthalate	14.40	163	78942	7.351	ng/ul#	97
69) Phenanthrene	17.76	178	22332	1.263	ng/ul	95
71) Anthracene	17.76	178	22332	1.236	ng/ul	95
77) Pyrene	20.12	202	31313	1.554	ng/ul	97
85) Benzo(b)fluoranthene	24.44	252	20614	1.205	ng/ul#	94
86) Benzo(k)fluoranthene	24.44	252	20614	1.233	ng/ul#	96

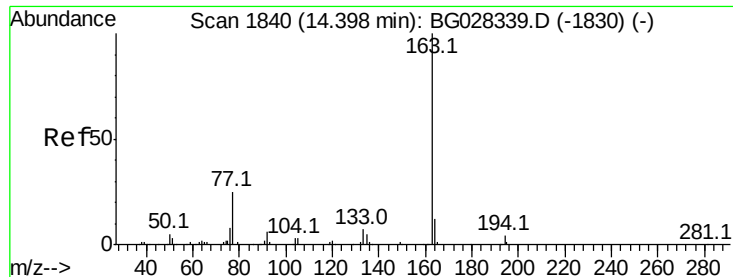
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 7.351 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG028351.D

Acq: 15 Aug 2017 20:00

Instrument :

BNA_G

ClientSampleId :

C0AH0

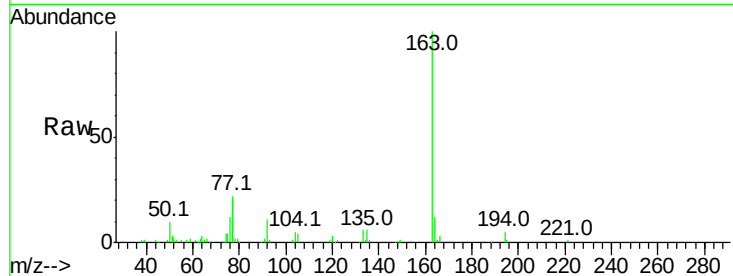
Tot Ion:163 Resp: 78942

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.0#

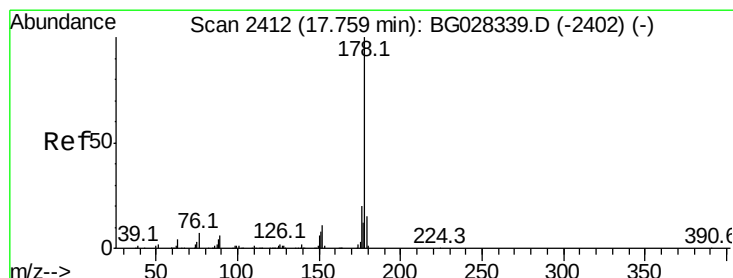
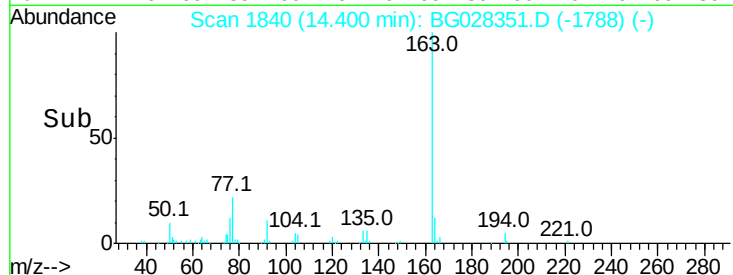
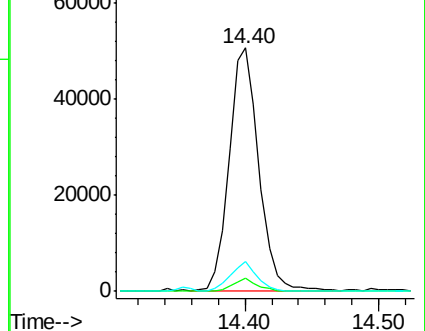
164 12.3 9.0 13.4



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: 1.263 ng/ul

RT: 17.76 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG028351.D

Acq: 15 Aug 2017 20:00

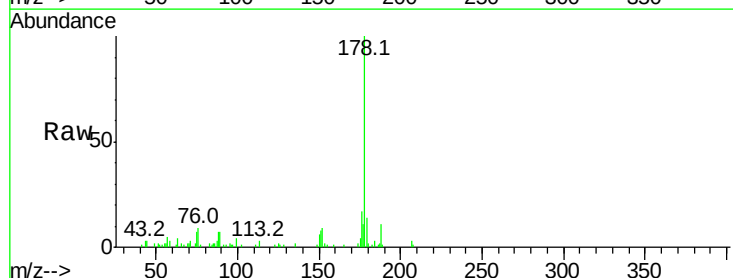
Tgt Ion:178 Resp: 22332

Ion Ratio Lower Upper

178 100

179 14.3 12.4 18.6

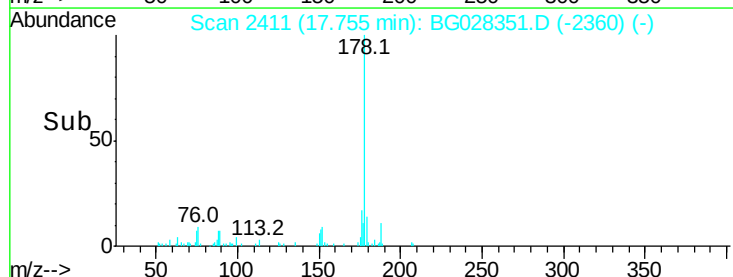
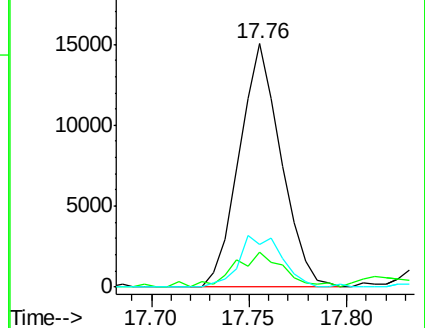
176 17.4 16.5 24.7

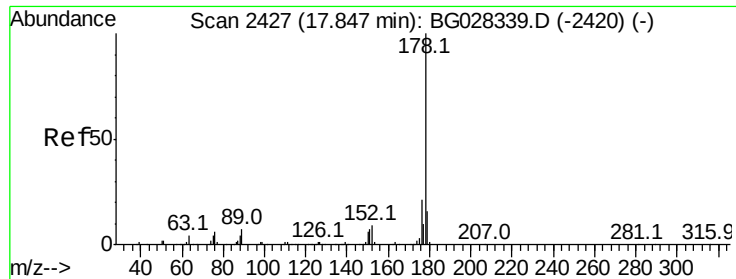


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.236 ng/ul

RT: 17.76 min Scan# 2411

Delta R.T. -0.09 min

Lab File: BG028351.D

Acq: 15 Aug 2017 20:00

Instrument :

BNA_G

ClientSampleId :

C0AH0

Tot Ion:178 Resp: 22332

Ion Ratio Lower Upper

178 100

179 14.3 12.6 19.0

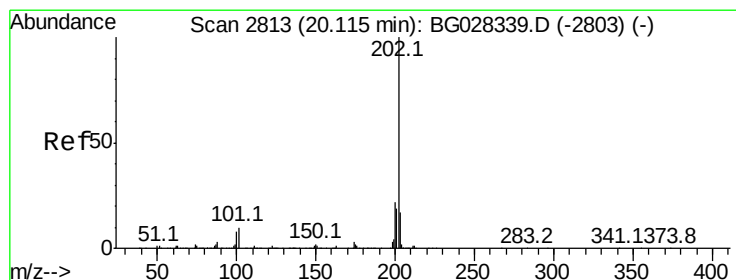
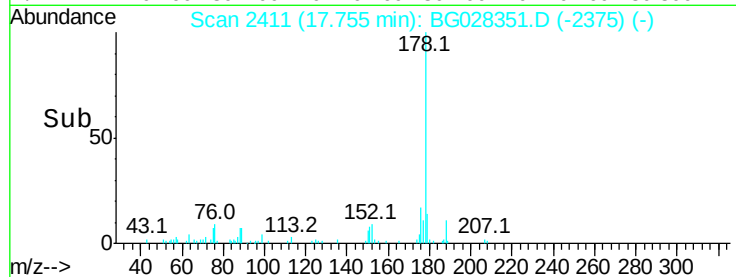
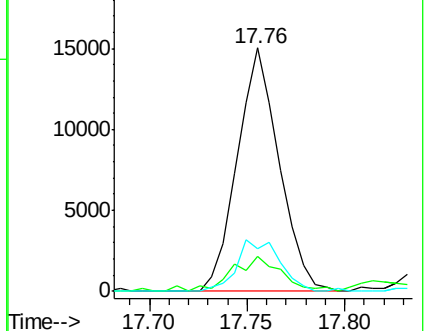
176 17.4 15.9 23.9



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



#77

Pyrene

Concen: 1.554 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG028351.D

Acq: 15 Aug 2017 20:00

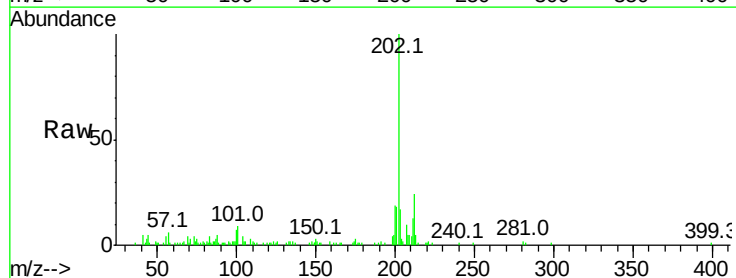
Tgt Ion:202 Resp: 31313

Ion Ratio Lower Upper

202 100

101 9.4 6.9 10.3

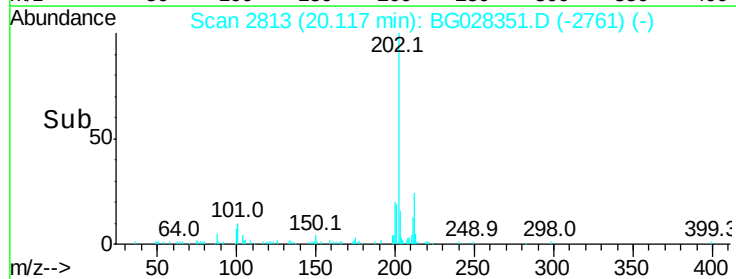
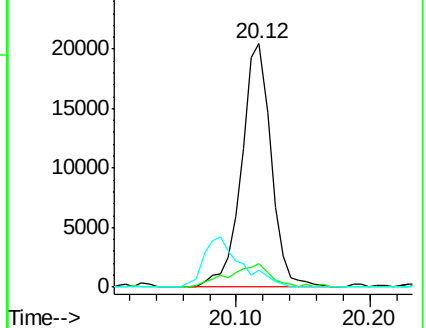
100 6.9 6.6 10.0

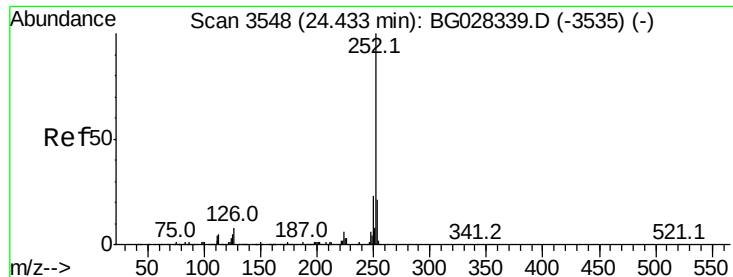


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#85

Benzo(b)fluoranthene

Concen: 1.205 ng/ul

RT: 24.44 min Scan# 3548

Delta R.T. 0.00 min

Lab File: BG028351.D

Acq: 15 Aug 2017 20:00

Instrument :

BNA_G

ClientSampleId :

C0AH0

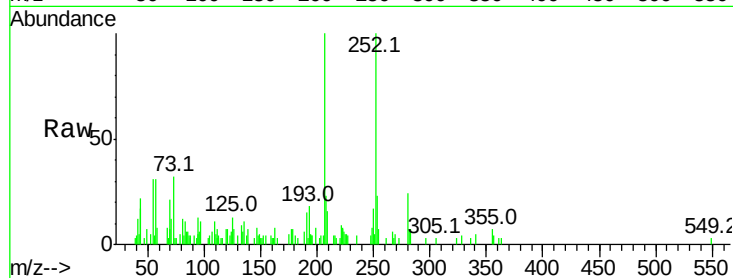
Tot Ion:252 Resp: 20614

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

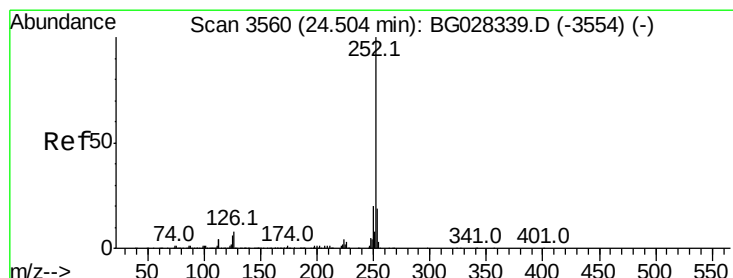
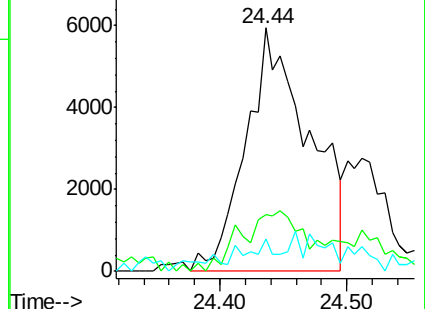
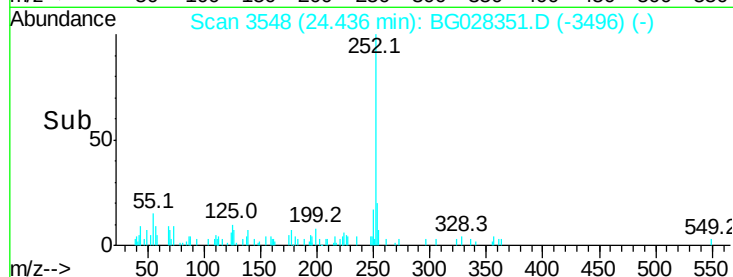
125 13.2 4.0 6.0#



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: 1.233 ng/ul

RT: 24.44 min Scan# 3548

Delta R.T. -0.07 min

Lab File: BG028351.D

Acq: 15 Aug 2017 20:00

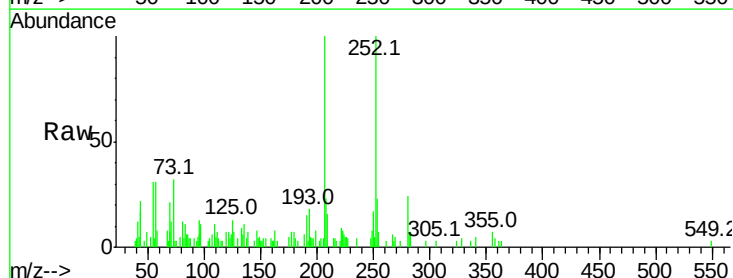
Tgt Ion:252 Resp: 20614

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

125 13.2 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

