

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028437.D
 Acq On : 23 Aug 2017 3:57
 Operator : SJ/JU
 Sample : I4713-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB3

Quant Time: Aug 23 07:12:10 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	46060	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	207986	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	147271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	449640	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	379906	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	382969	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3647	3.69	ng/uL	0.00
5) Phenol-d5	7.50	99	106586	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	63333	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	76341	23.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	88198	20.86	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	40398	24.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49446	27.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	94111	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	76642	18.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	341121	26.04	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	382186	25.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	44448	21.34	ng/ul	0.00
57) Fluorene-d10	15.94	176	293982	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.16	200	348	0.12	ng/ul	0.10
70) Anthracene-d10	17.80	188	449729	20.86	ng/ul	0.00
76) Pyrene-d10	20.08	212	565273	29.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	533195	29.74	ng/ul	0.00

Target Compounds

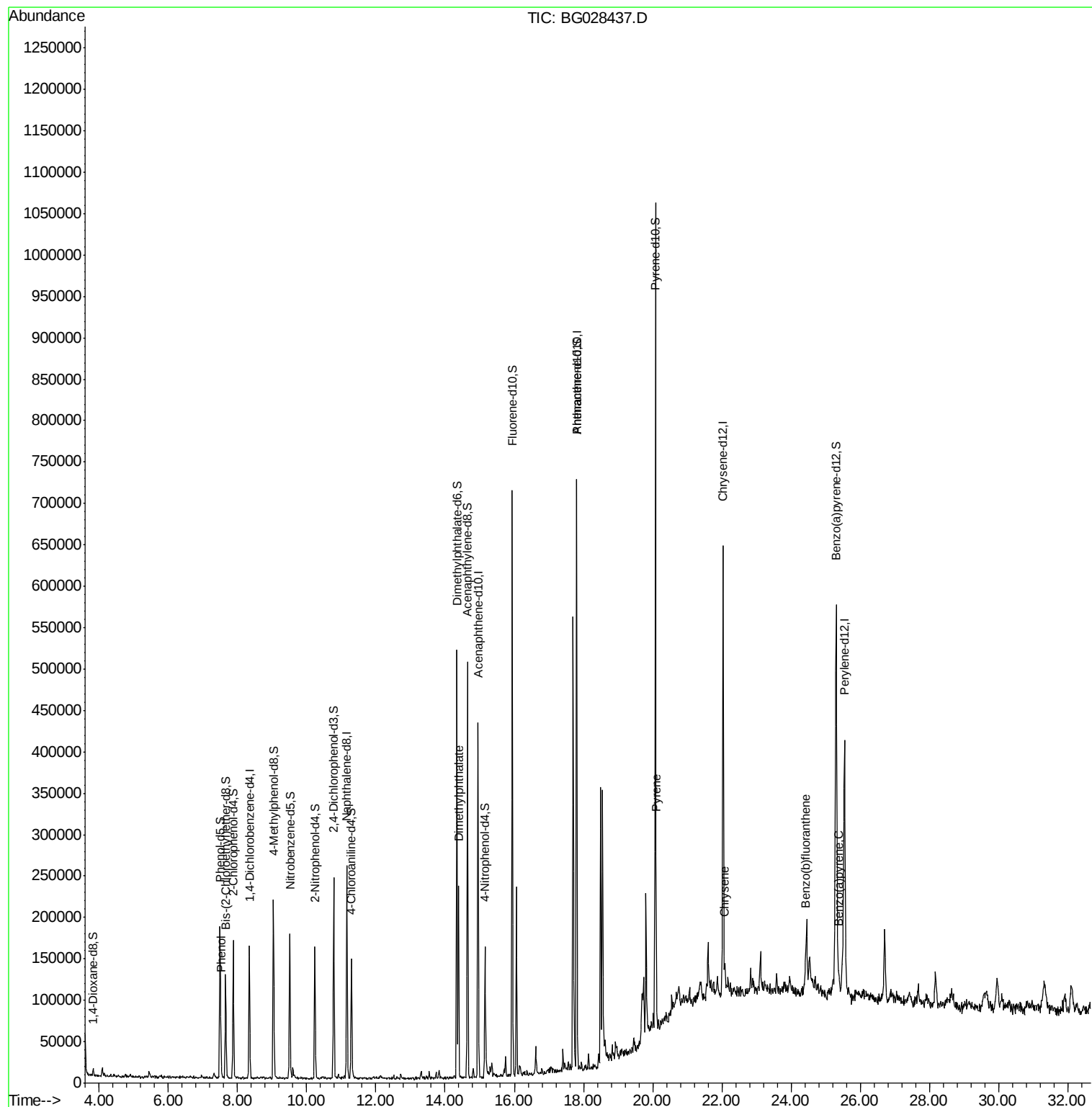
				Ovalue	
6) Phenol	7.52	94	12156	2.418	ng/ul# 90
44) Dimethylphthalate	14.39	163	145689	12.080	ng/ul 99
77) Pyrene	20.10	202	36203	1.597	ng/ul 97
82) Chrysene	22.08	228	29364	1.485	ng/ul 98
85) Benzo(b)fluoranthene	24.42	252	45649	1.992	ng/ul# 96
88) Benzo(a)pyrene	25.38	252	27878	1.256	ng/ul# 85

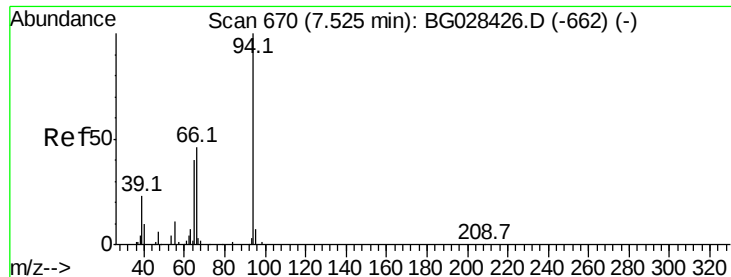
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.418 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

Instrument :

BNA_G

ClientSampleId :

E7GB3

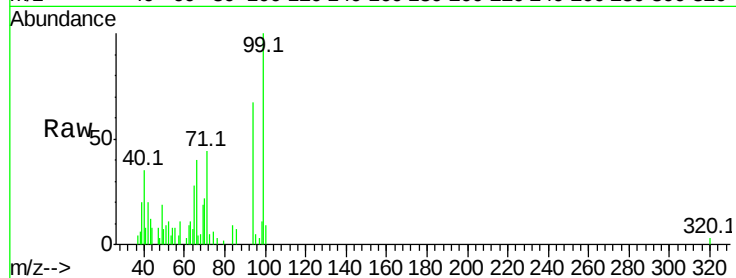
Tot Ion: 94 Resp: 12156

Ion Ratio Lower Upper

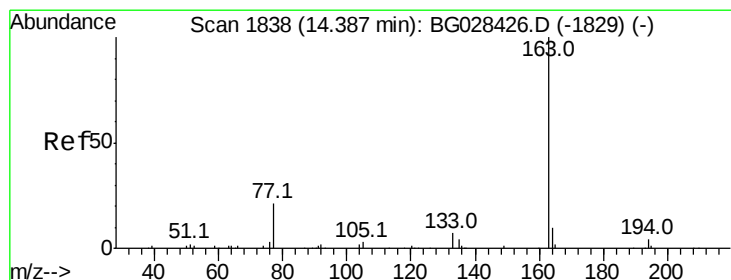
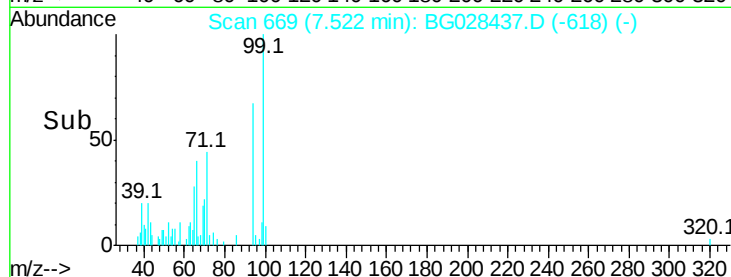
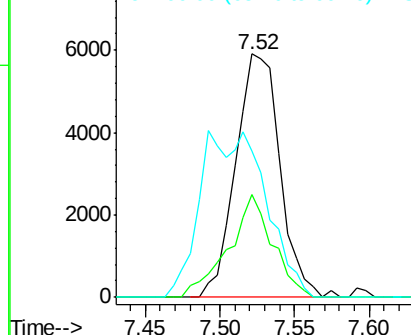
94 100

65 42.5 26.8 40.2#

66 60.1 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: 12.080 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

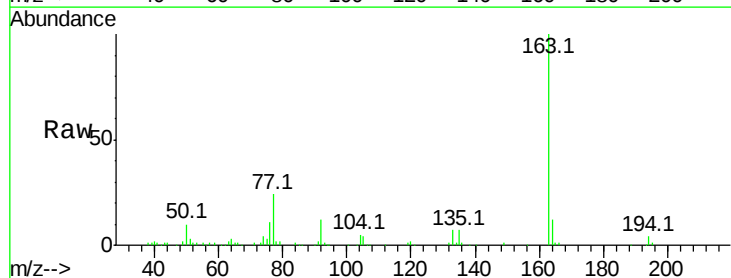
Tgt Ion:163 Resp: 145689

Ion Ratio Lower Upper

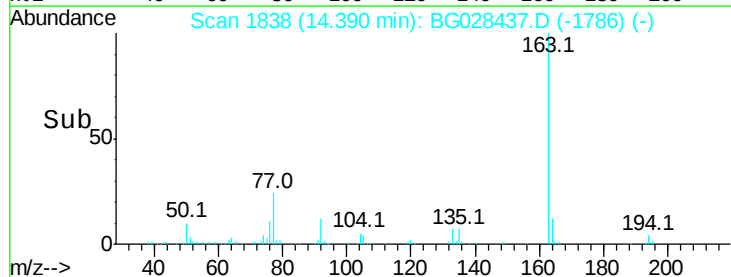
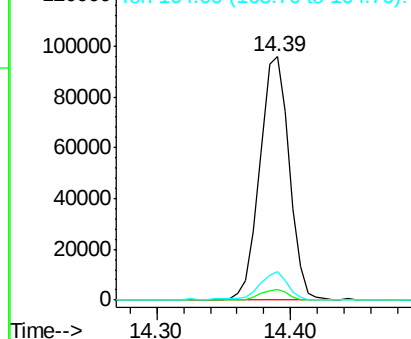
163 100

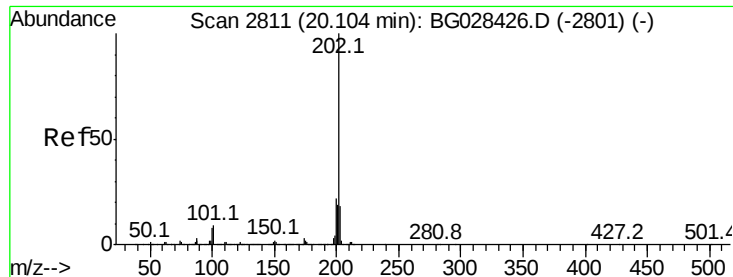
194 4.4 3.4 5.0

164 11.6 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





#77

Pvrene

Concen: 1.597 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

Instrument :

BNA_G

ClientSampleId :

E7GB3

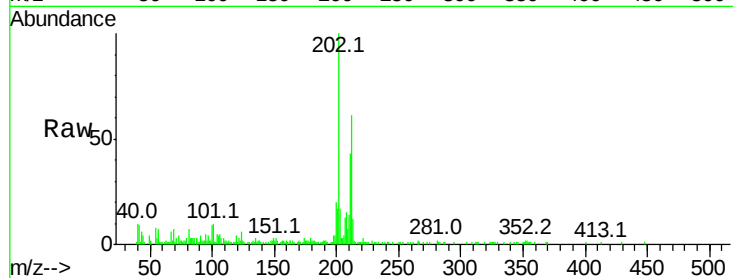
Tot Ion:202 Resp: 36203

Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.9	10.3
100	8.8	6.6	10.0

202 100

101 10.3 6.9 10.3

100 8.8 6.6 10.0

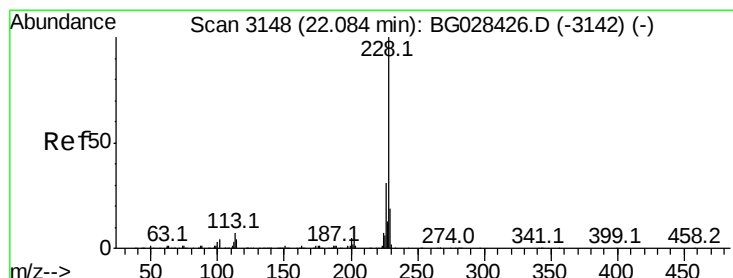
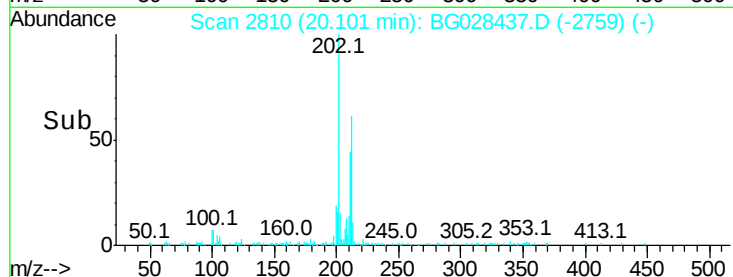


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#82

Chrysene

Concen: 1.485 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

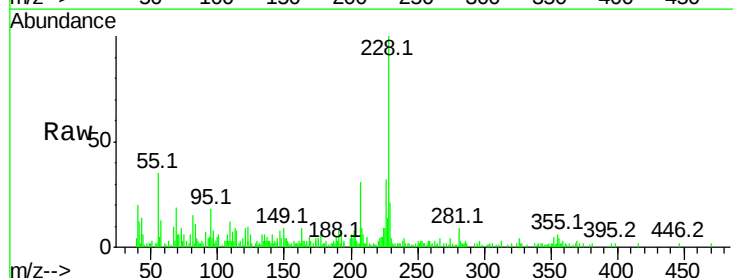
Tgt Ion:228 Resp: 29364

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	21.2	16.9	25.3

228 100

226 32.1 24.0 36.0

229 21.2 16.9 25.3

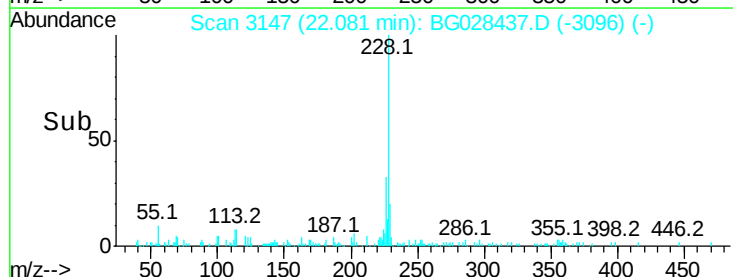


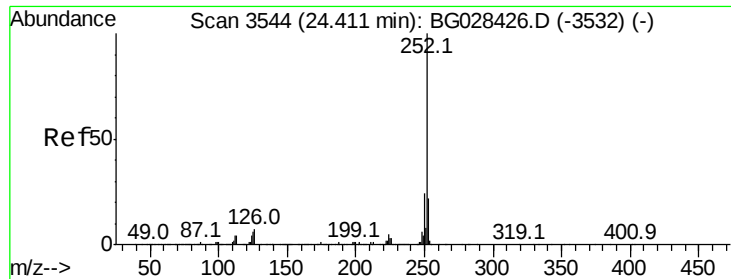
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





#85

Benzo(b)fluoranthene

Concen: 1.992 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

Instrument :

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E7GB3

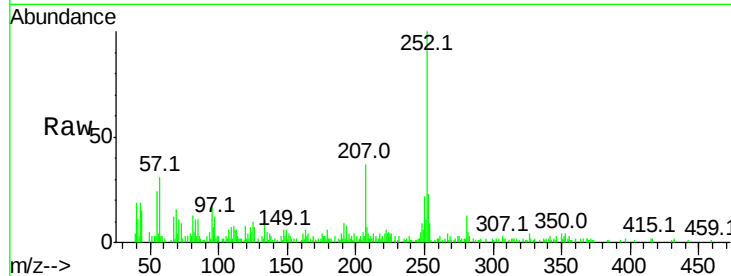
Tot Ion:252 Resp: 45649

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

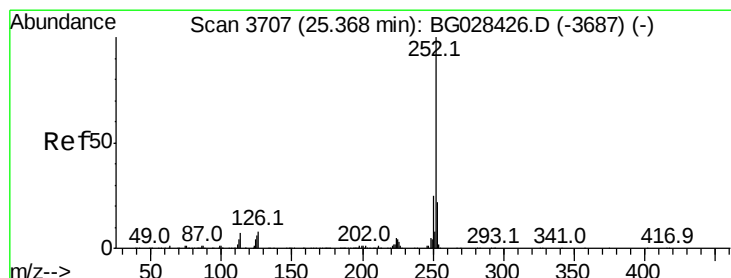
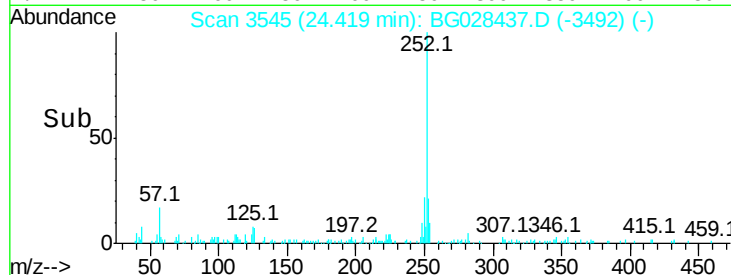
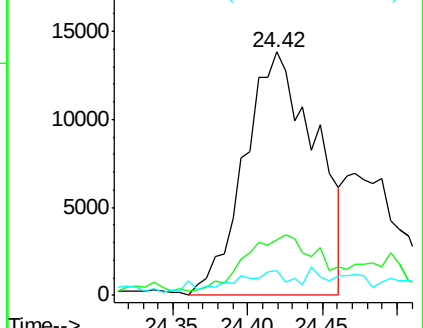
125 10.0 4.0 6.0#



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



#88

Benzo(a)pyrene

Concen: 1.256 ng/ul

RT: 25.38 min Scan# 3708

Delta R.T. 0.01 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

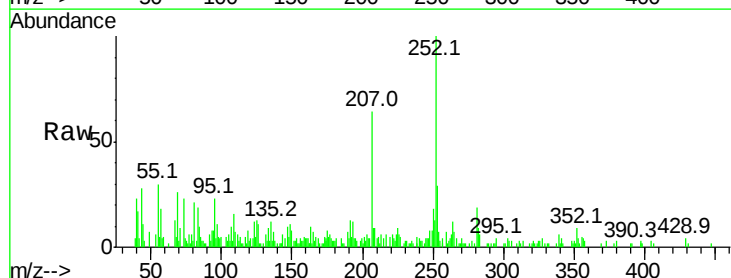
Tgt Ion:252 Resp: 27878

Ion Ratio Lower Upper

252 100

253 29.0 17.8 26.6#

125 13.1 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

