

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072017\
 Data File : BG027999.D
 Acq On : 20 Jul 2017 15:25
 Operator : SJ/JU
 Sample : I4209-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B17

Quant Time: Jul 20 18:53:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 20 18:49:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	42147	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	178433	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	127484	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	375980	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	487845	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	467053	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.86	96	943	1.23	ng/uL	0.00
5) Phenol-d5	7.52	99	19925	5.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	12403	6.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	17920	6.59	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	21039	7.34	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	8902	6.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	11468	7.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	23550	7.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.33	131	34930	12.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	192130	17.38	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	147369	11.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	23224	14.51	ng/ul	0.01
57) Fluorene-d10	15.96	176	167656	16.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	34196	13.09	ng/ul	0.00
70) Anthracene-d10	17.82	188	389872	21.50	ng/ul	0.00
76) Pyrene-d10	20.09	212	529948	24.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	533090	24.44	ng/ul	0.00

Target Compounds

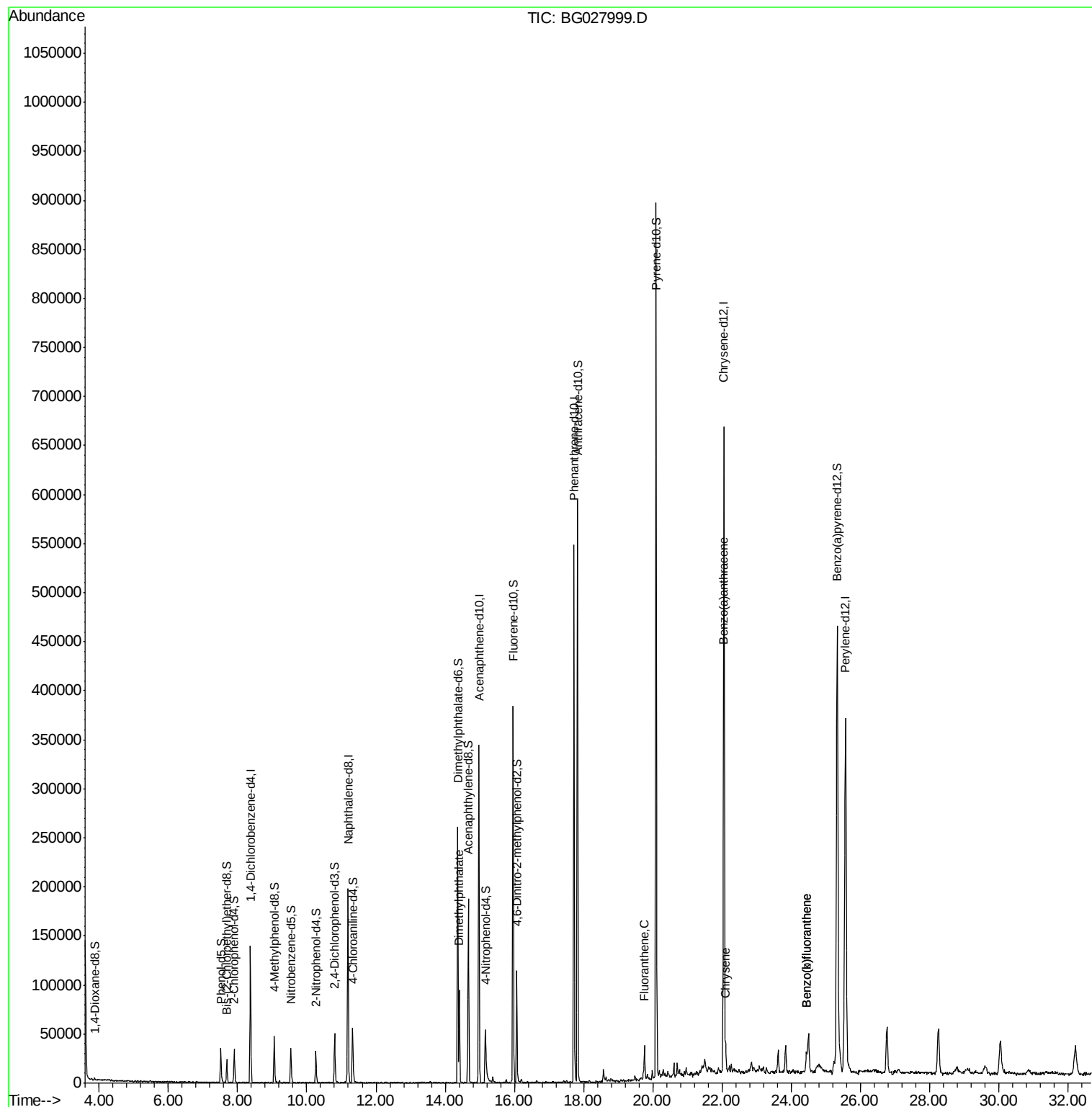
					Qvalue
44) Dimethylphthalate	14.41	163	64885	6.447 ng/ul	96
74) Fluoranthene	19.76	202	24534	1.040 ng/ul#	97
80) Benzo(a)anthracene	22.04	228	30270	1.147 ng/ul	94
82) Chrysene	22.11	228	25792	1.074 ng/ul	99
85) Benzo(b)fluoranthene	24.44	252	34634	1.299 ng/ul	99
86) Benzo(k)fluoranthene	24.44	252	34634	1.325 ng/ul	99

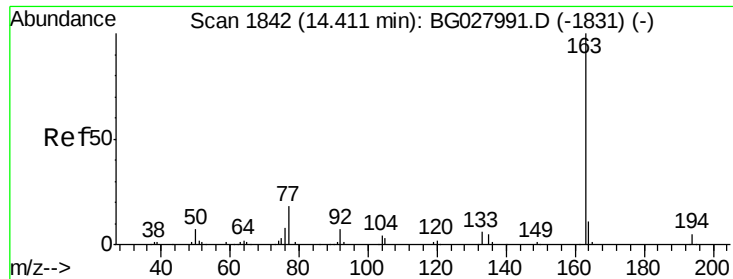
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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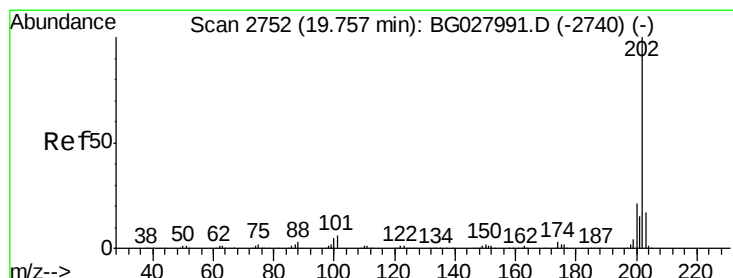
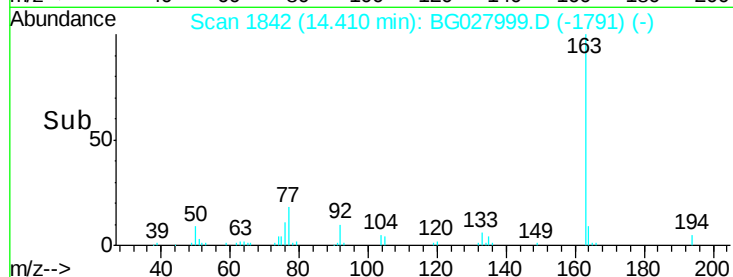
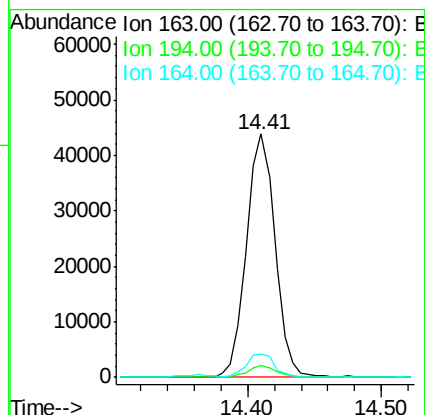
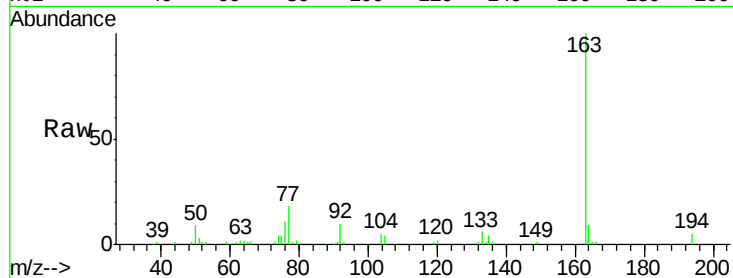




#44
 Dimethylphthalate
 Concen: 6.447 ng/ul
 RT: 14.41 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG027999.D
 Acq: 20 Jul 2017 15:25

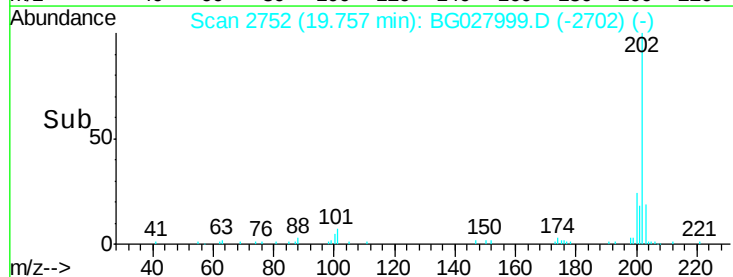
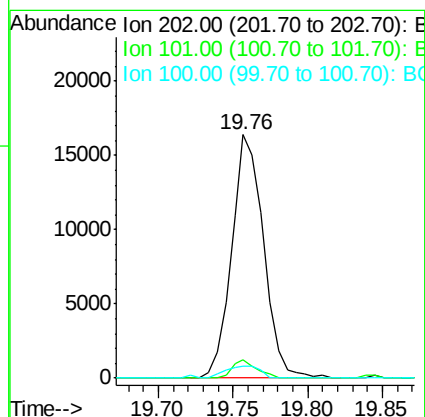
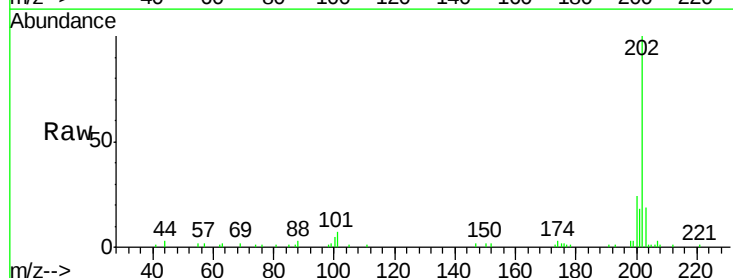
Instrument :
 BNA_G
 ClientSampleId :
 C0B17

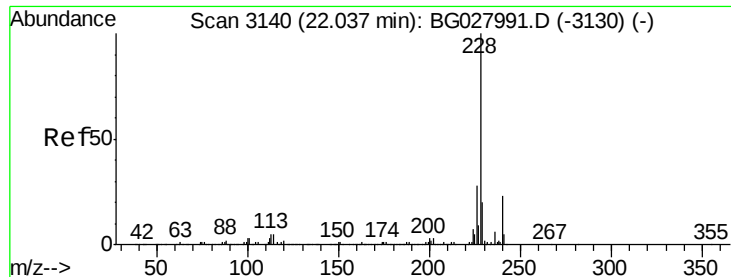
Tgt Ion:163 Resp: 64885
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.4 5.0
 164 9.5 9.0 13.4



#74
 Fluoranthene
 Concen: 1.040 ng/ul
 RT: 19.76 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BG027999.D
 Acq: 20 Jul 2017 15:25

Tgt Ion:202 Resp: 24534
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.2 9.2
 100 4.7 5.2 7.8#





#80

Benzo(a)anthracene

Concen: 1.147 ng/ul

RT: 22.04 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG027999.D

Acq: 20 Jul 2017 15:25

Instrument :

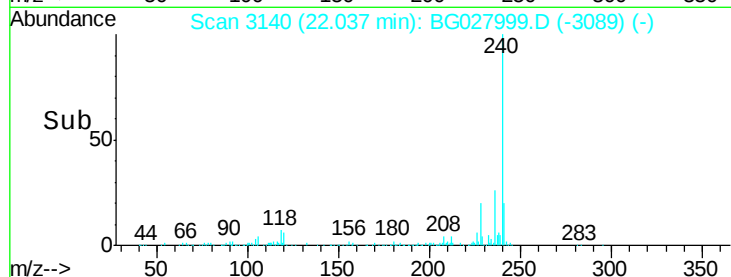
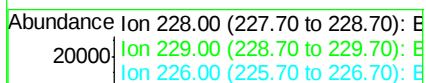
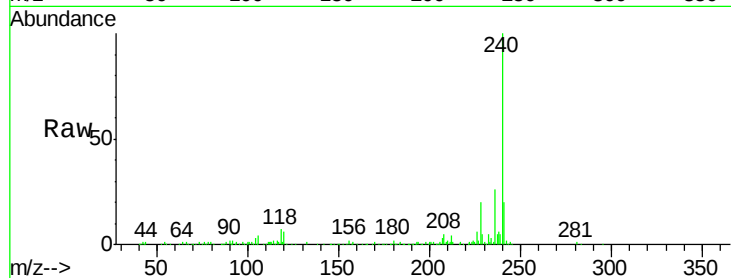
BNA_G

ClientSampleId :

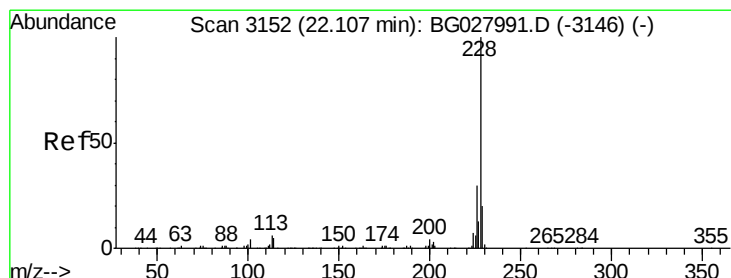
C0B17

Tgt Ion:228 Resp: 30270

Ion	Ratio	Lower	Upper
228	100		
229	24.2	16.3	24.5
226	29.3	21.9	32.9



Time-->



#82

Chrysene

Concen: 1.074 ng/ul

RT: 22.11 min Scan# 3152

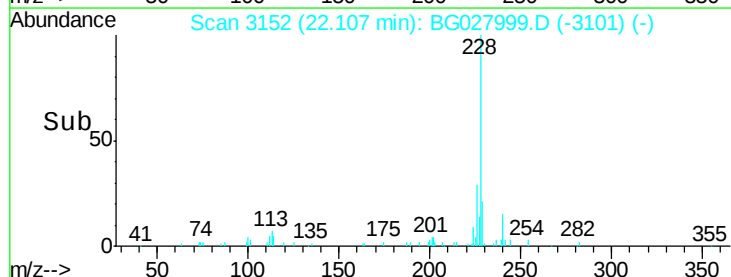
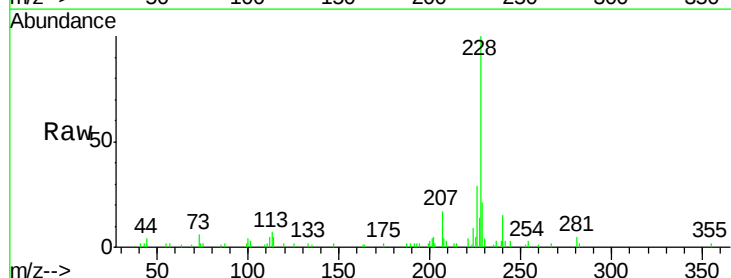
Delta R.T. -0.00 min

Lab File: BG027999.D

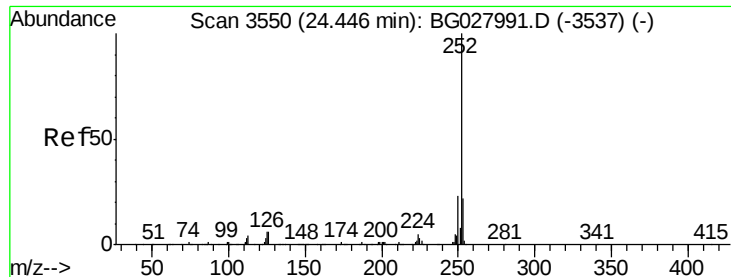
Acq: 20 Jul 2017 15:25

Tgt Ion:228 Resp: 25792

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.8	16.9	25.3



Time-->



#85

Benzo(b)fluoranthene

Concen: 1.299 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BG027999.D

Acq: 20 Jul 2017 15:25

Instrument :

BNA_G

ClientSampleId :

C0B17

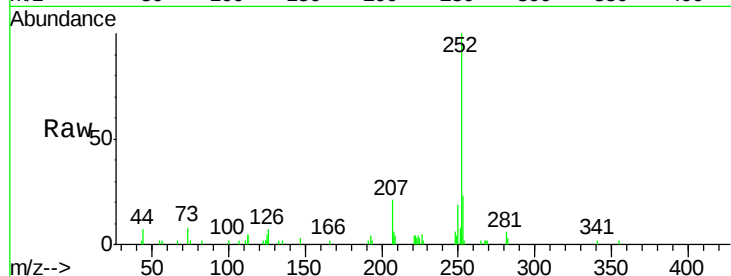
Tgt Ion:252 Resp: 34634

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

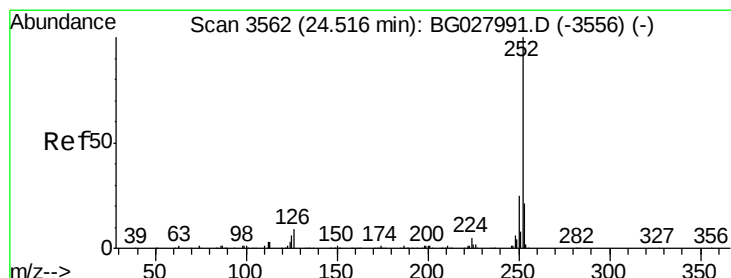
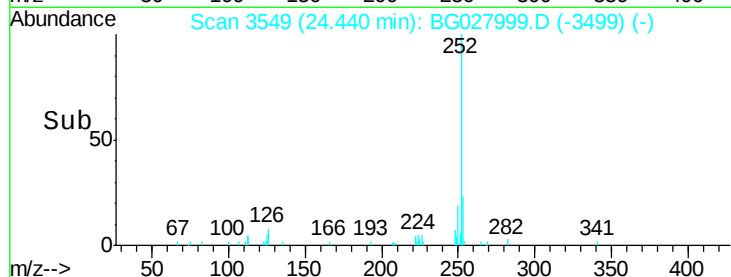
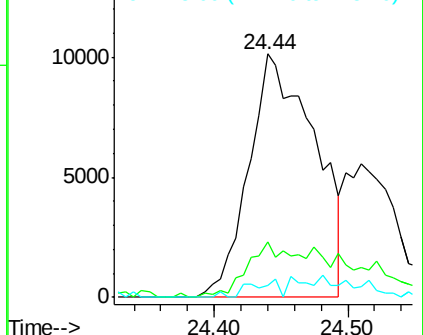
125 4.7 4.0 6.0



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: 1.325 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. -0.08 min

Lab File: BG027999.D

Acq: 20 Jul 2017 15:25

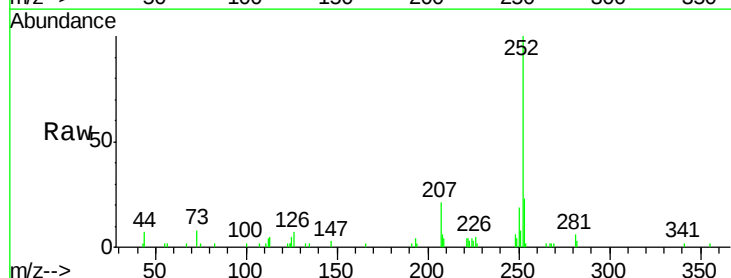
Tgt Ion:252 Resp: 34634

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

125 4.7 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

