

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028526.D
 Acq On : 28 Aug 2017 19:53
 Operator : SJ/JU
 Sample : I4905-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ5

Quant Time: Aug 29 03:58:31 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	40493	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	164593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110675	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	271459	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	318213	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	313283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4909	5.65	ng/uL	0.00
5) Phenol-d5	7.49	99	110270	24.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	71296	25.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	83357	29.71	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	87436	23.52	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	44112	34.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	48605	34.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	96145	32.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	90380	27.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	306950	31.18	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	360687	32.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	39269	25.09	ng/ul	0.00
57) Fluorene-d10	15.94	176	266209	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	48899	27.73	ng/ul	0.00
70) Anthracene-d10	17.79	188	428201	32.90	ng/ul	0.00
76) Pyrene-d10	20.07	212	522464	32.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	493602	33.66	ng/ul	0.00

Target Compounds

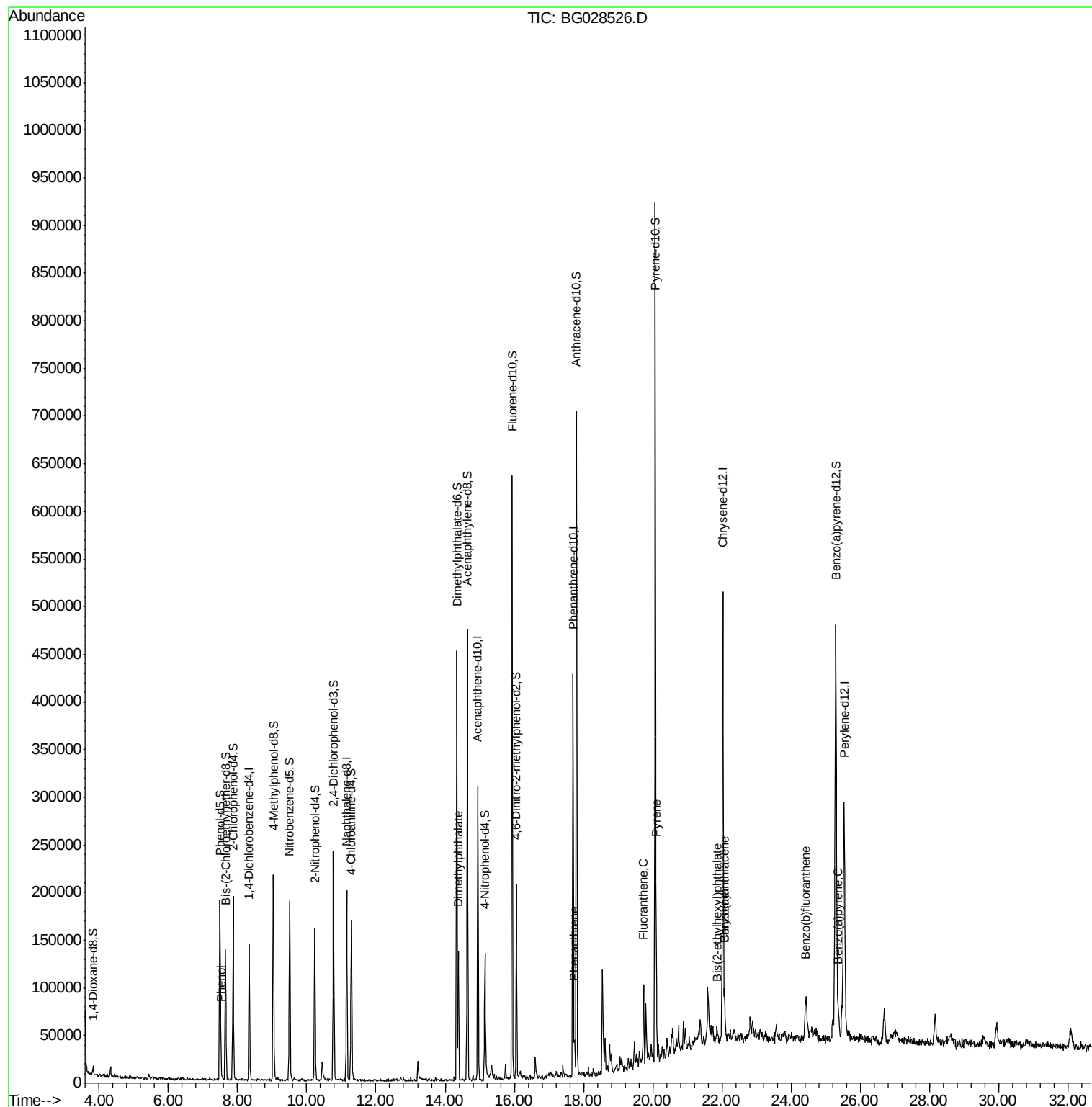
					Ovalue
6) Phenol	7.52	94	8635	1.954 ng/ul	99
44) Dimethylphthalate	14.38	163	81314	8.971 ng/ul	99
69) Phenanthrene	17.74	178	34082	2.495 ng/ul#	93
74) Fluoranthene	19.74	202	56665	3.413 ng/ul	99
77) Pyrene	20.10	202	73613	3.877 ng/ul#	97
80) Benzo(a)anthracene	22.07	228	40775	2.218 ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.85	149	10635	1.051 ng/ul#	89
82) Chrysene	22.07	228	40775	2.462 ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	38537	2.056 ng/ul#	91
88) Benzo(a)pyrene	25.37	252	34524	1.902 ng/ul	94

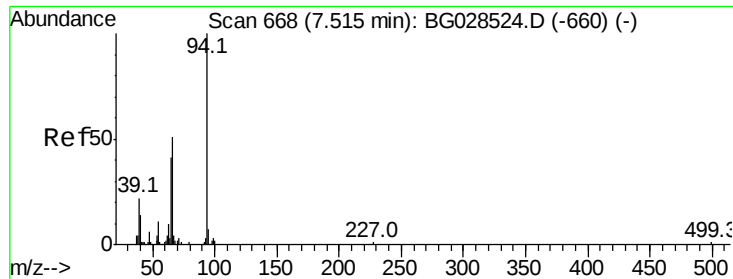
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.954 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

ClientSampled :

B0AZ5

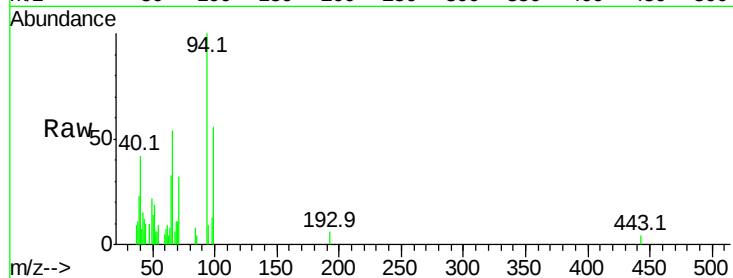
Tot Ion: 94 Resp: 8635

Ion Ratio Lower Upper

94 100

65 33.5 26.8 40.2

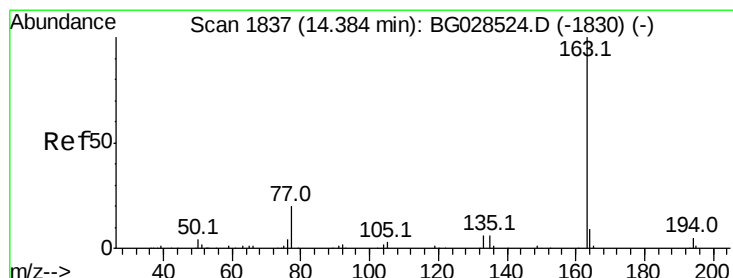
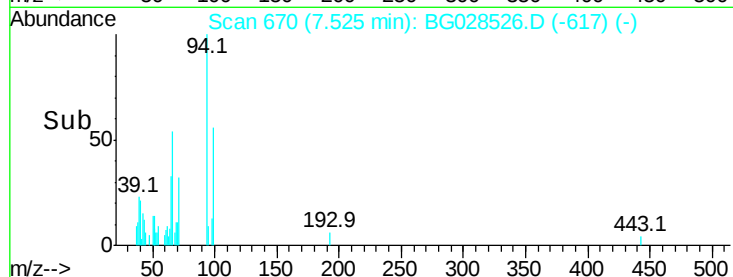
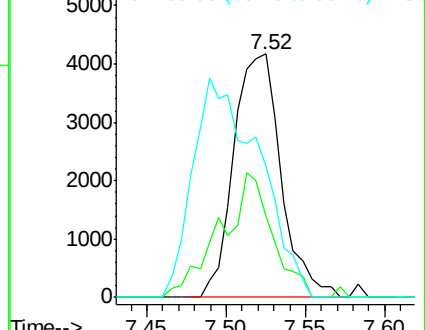
66 54.0 44.4 66.6



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: 8.971 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

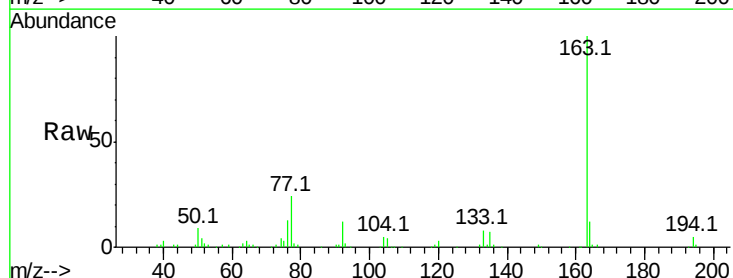
Tgt Ion:163 Resp: 81314

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

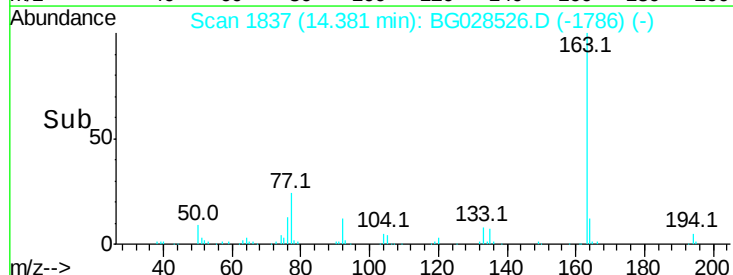
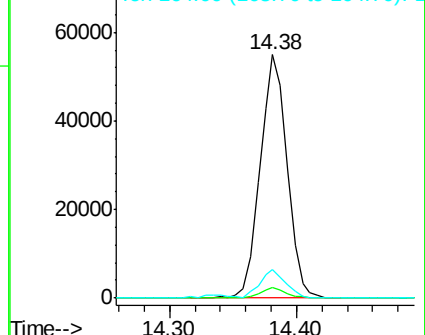
164 11.7 9.0 13.4

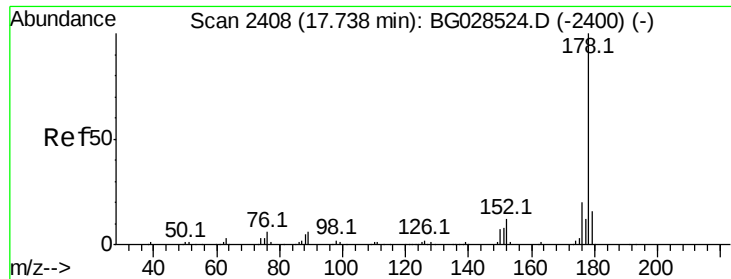


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.495 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

ClientSampled :

B0AZ5

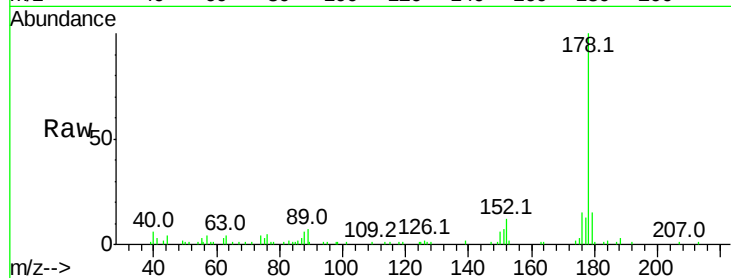
Tot Ion:178 Resp: 34082

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

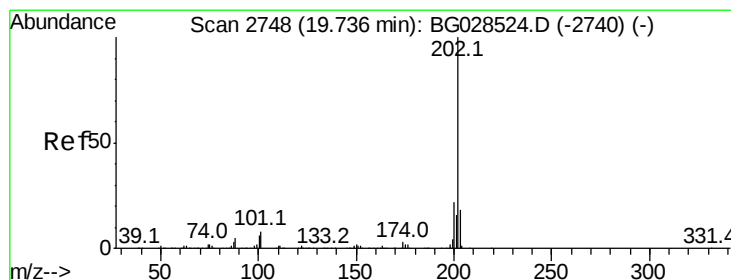
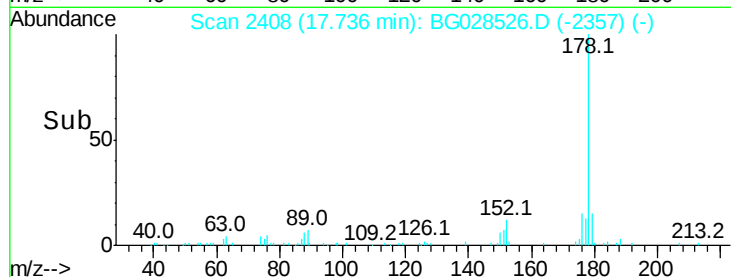
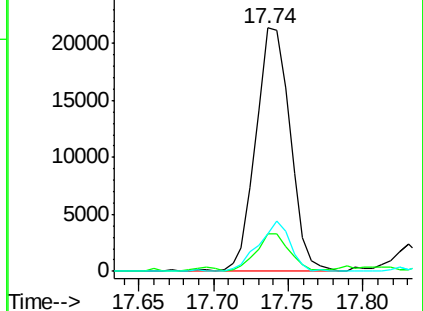
176 15.2 16.5 24.7#



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



#74

Fluoranthene

Concen: 3.413 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

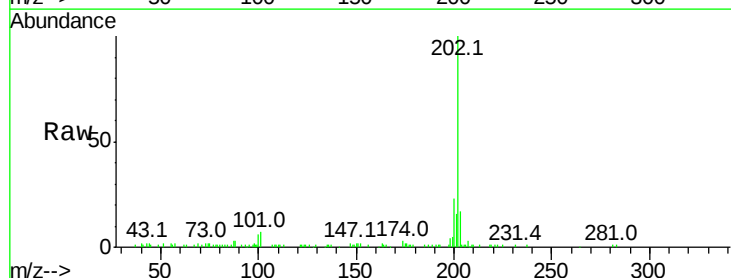
Tgt Ion:202 Resp: 56665

Ion Ratio Lower Upper

202 100

101 7.5 6.2 9.2

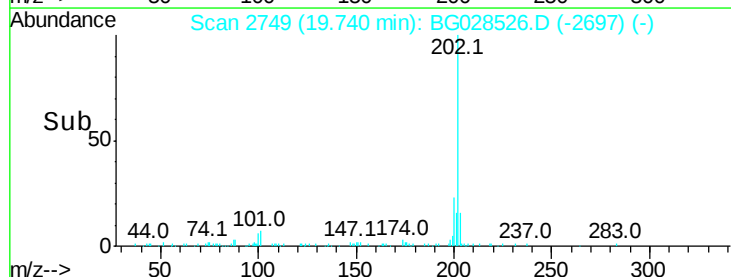
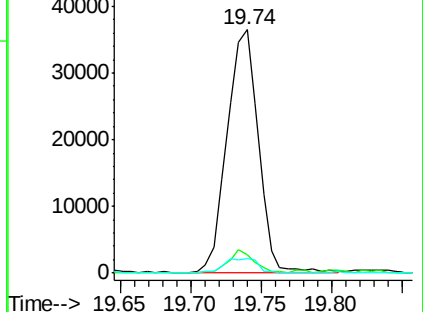
100 6.2 5.2 7.8

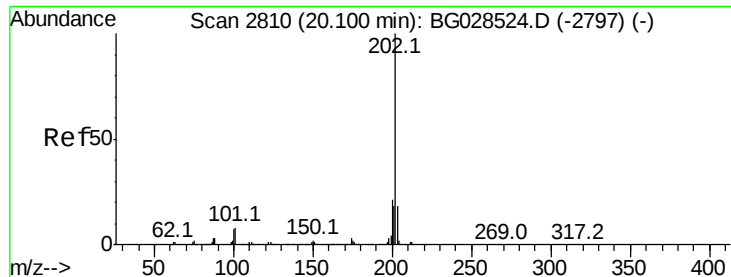


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.877 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

ClientSampleId :

B0AZ5

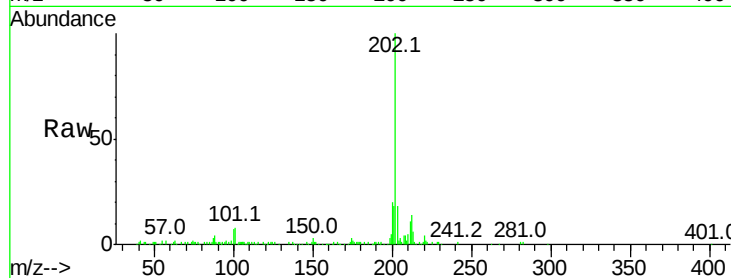
Tot Ion:202 Resp: 73613

Ion Ratio Lower Upper

202 100

101 8.2 6.9 10.3

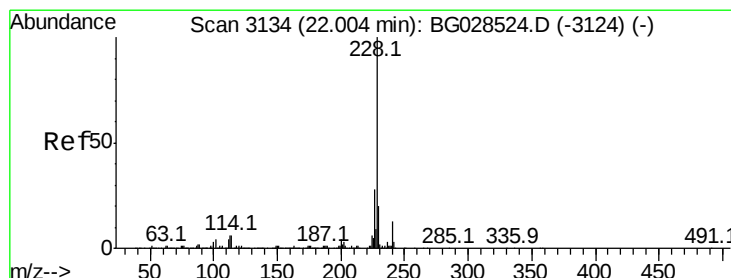
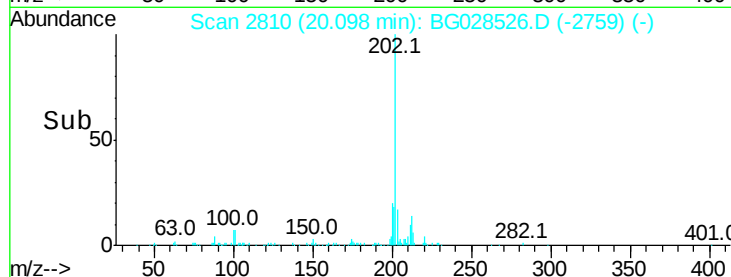
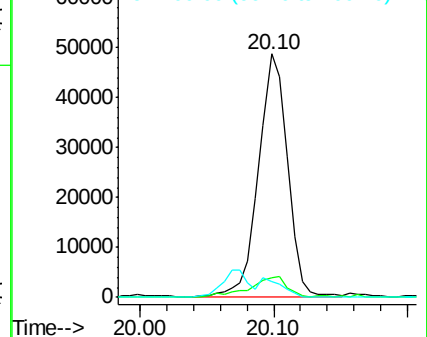
100 6.6 6.6 10.0#



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



#80

Benzo(a)anthracene

Concen: 2.218 ng/ul

RT: 22.07 min Scan# 3146

Delta R.T. 0.07 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

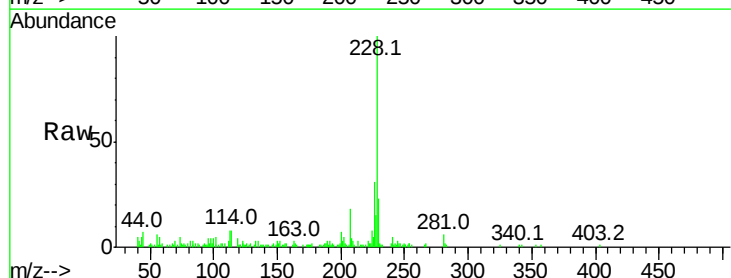
Tgt Ion:228 Resp: 40775

Ion Ratio Lower Upper

228 100

229 23.3 16.3 24.5

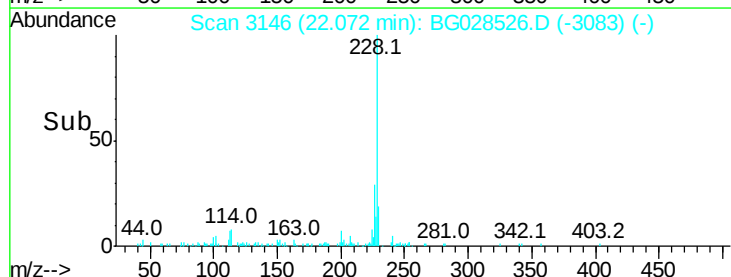
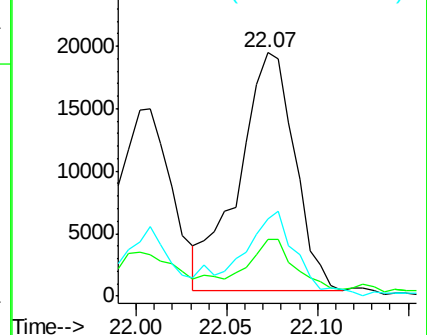
226 31.5 21.9 32.9

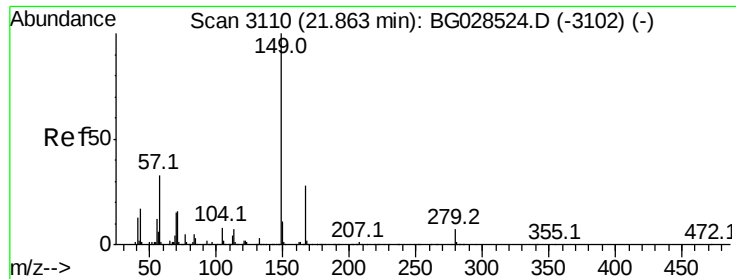


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.051 ng/ul

RT: 21.85 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

ClientSampleId :

B0AZ5

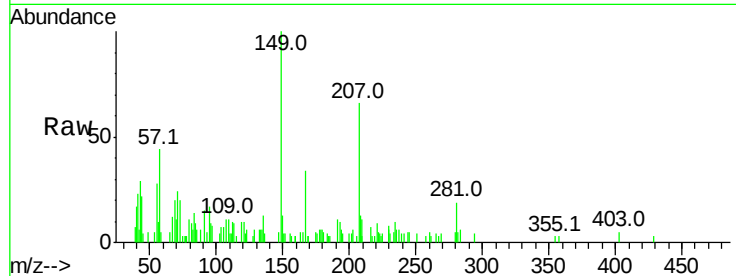
Tot Ion:149 Resp: 10635

Ion Ratio Lower Upper

149 100

167 33.8 21.8 32.8#

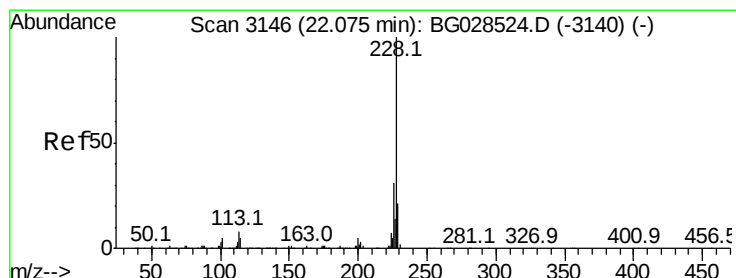
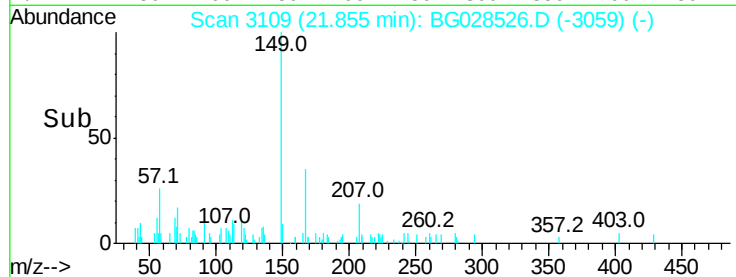
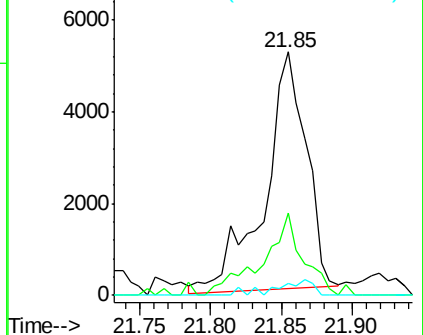
279 4.9 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 2.462 ng/ul

RT: 22.07 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

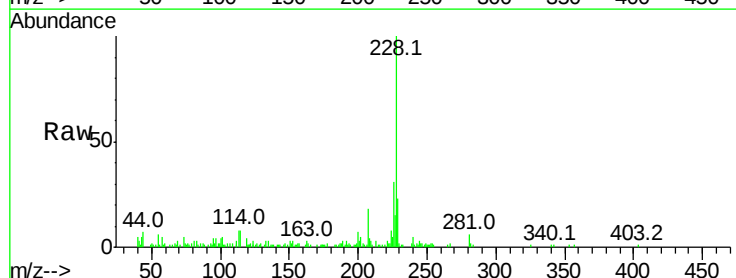
Tgt Ion:228 Resp: 40775

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

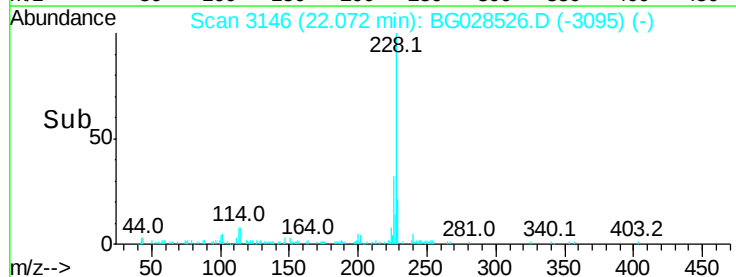
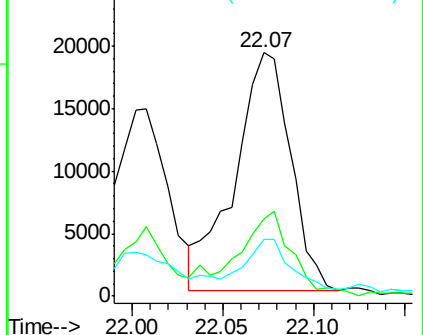
229 23.3 16.9 25.3

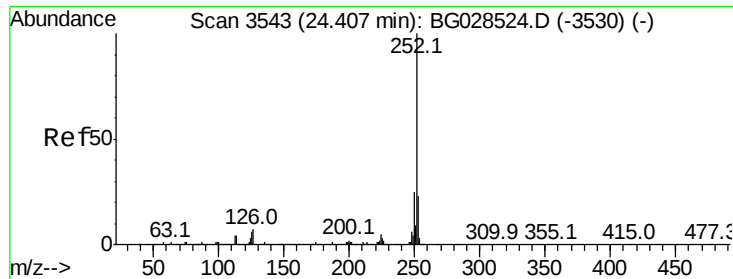


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.056 ng/uL

RT: 24.42 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG028526.D

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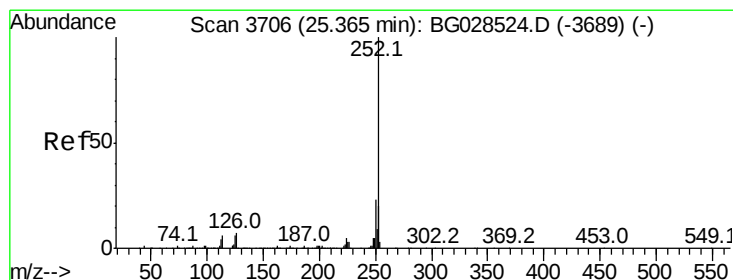
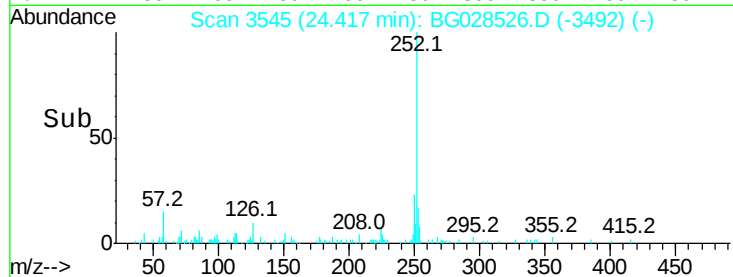
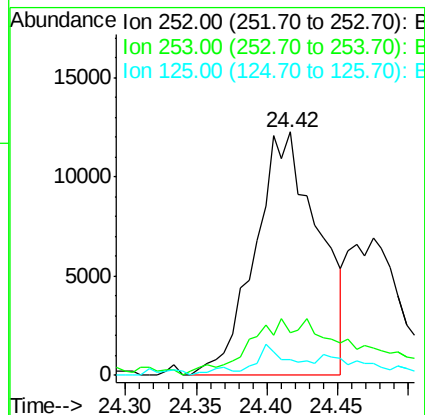
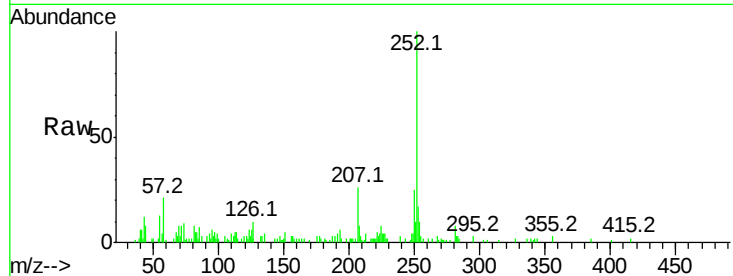
Tot Ion:252 Resp: 38537

Ion Ratio Lower Upper

252 100

253 17.3 17.7 26.5#

125 6.5 4.0 6.0#



#88

Benzo(a)pyrene

Concen: 1.902 ng/uL

RT: 25.37 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Tgt Ion:252 Resp: 34524

Ion Ratio Lower Upper

252 100

253 18.7 17.8 26.6

125 6.4 5.4 8.0

