

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028460.D
 Acq On : 24 Aug 2017 14:49
 Operator : SJ/JU
 Sample : I4840-10 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AK6

Quant Time: Aug 25 01:08:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	32271	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	143144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	252254	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	290865	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	298310	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.81	96	313	0.45	ng/uL	0.00
5) Phenol-d5	7.50	99	8177	2.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	5744	2.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	6176	2.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	6676	2.25	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	3433	3.07	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.23	143	3879	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	6902	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	2864	1.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	28331	3.04	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	30094	2.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	2370	1.60	ng/ul	0.02
57) Fluorene-d10	15.94	176	25780	3.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	2732	1.67	ng/ul	0.00
70) Anthracene-d10	17.79	188	40659	3.36	ng/ul	0.00
76) Pyrene-d10	20.07	212	47958	3.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	46372	3.32	ng/ul	0.00

Target Compounds

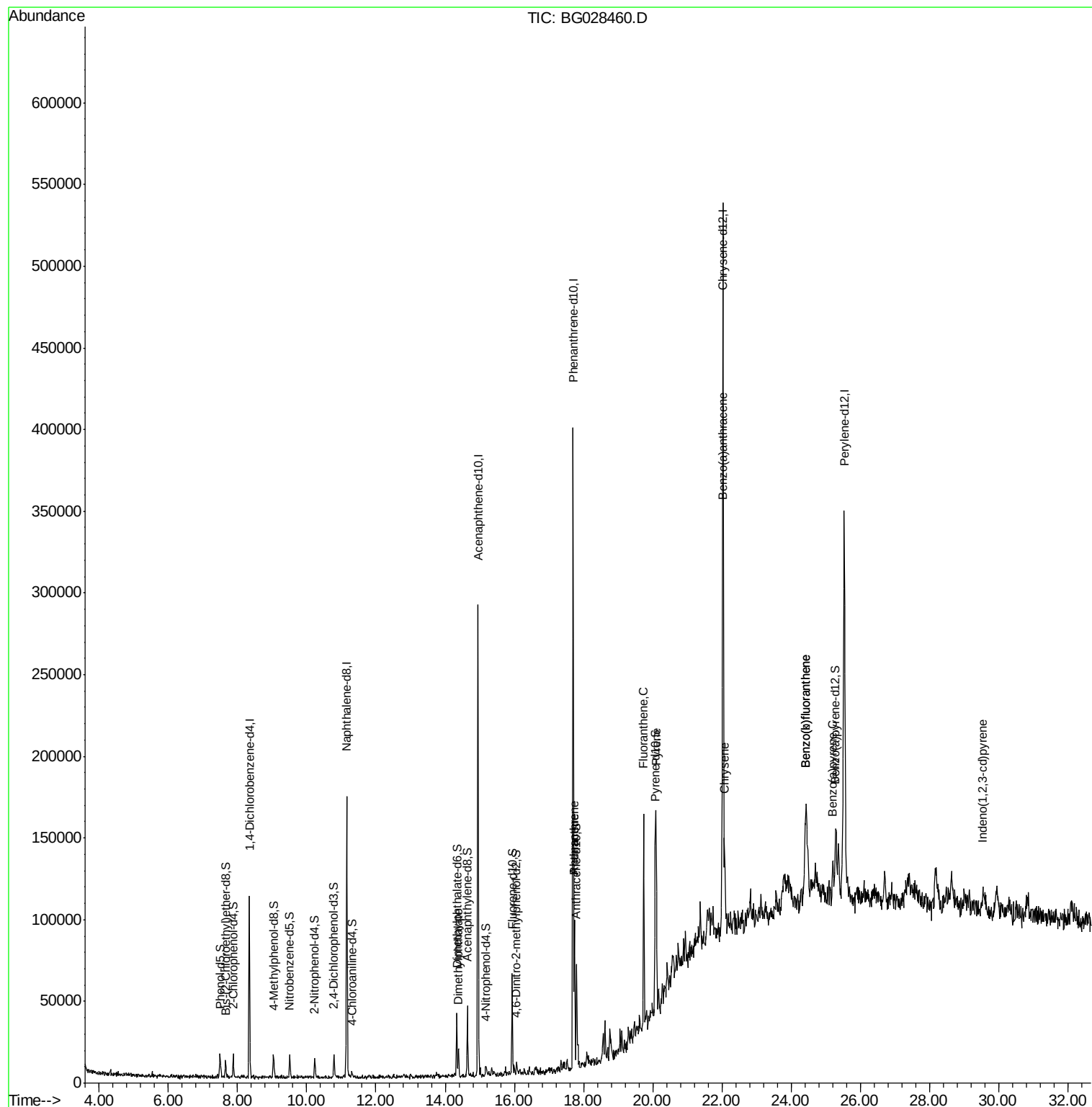
					Ovalue	
44) Dimethylphthalate	14.39	163	10526	1.226	ng/ul#	96
69) Phenanthrene	17.74	178	58561	4.613	ng/ul	97
71) Anthracene	17.74	178	58561	4.514	ng/ul	98
74) Fluoranthene	19.74	202	86650	5.616	ng/ul	97
77) Pyrene	20.10	202	78858	4.544	ng/ul#	97
80) Benzo(a)anthracene	22.01	228	43167	2.569	ng/ul	96
82) Chrysene	22.08	228	46867	3.096	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	51926	2.909	ng/ul	93
86) Benzo(k)fluoranthene	24.42	252	51926	2.978	ng/ul	95
88) Benzo(a)pyrene	25.21	252	29244	1.692	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	29.55	276	23039	1.138	ng/ul#	93

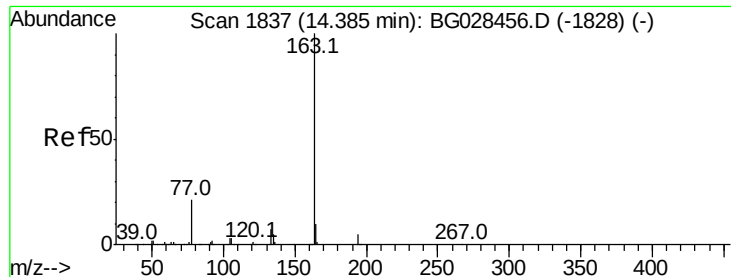
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 1.226 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

BNA_G

ClientSampleId :

B0AK6

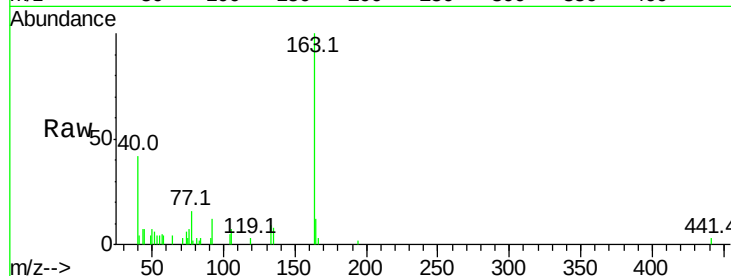
Tot Ion:163 Resp: 10526

Ion Ratio Lower Upper

163 100

194 2.4 3.4 5.0#

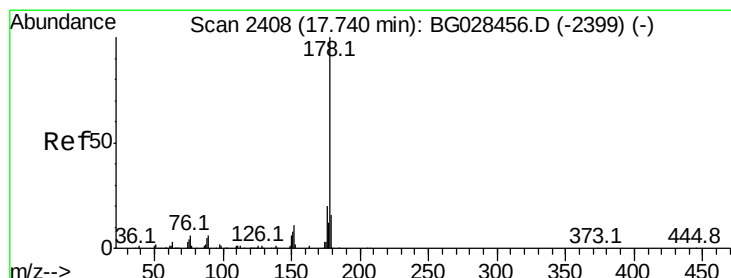
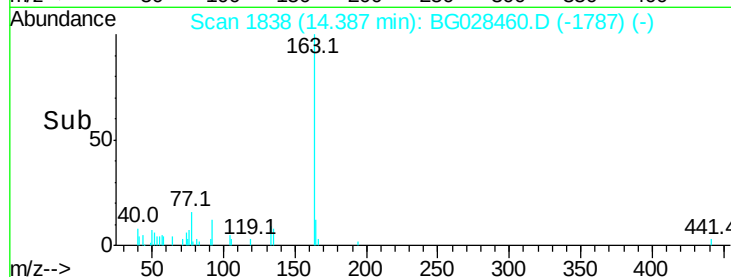
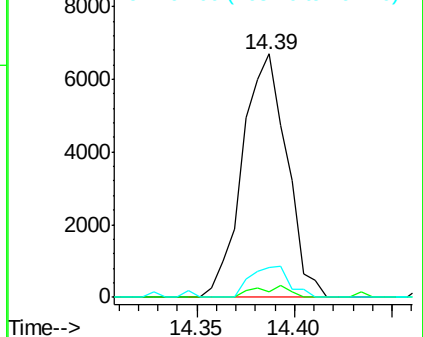
164 12.3 9.0 13.4



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: 4.613 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

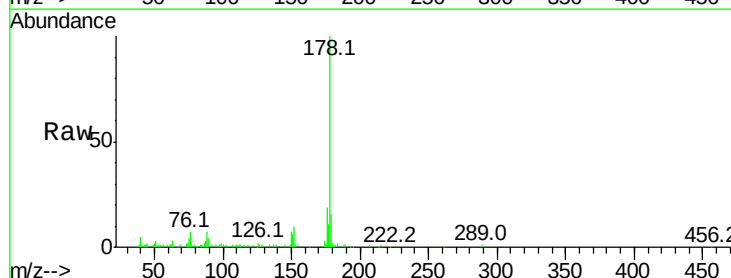
Tgt Ion:178 Resp: 58561

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

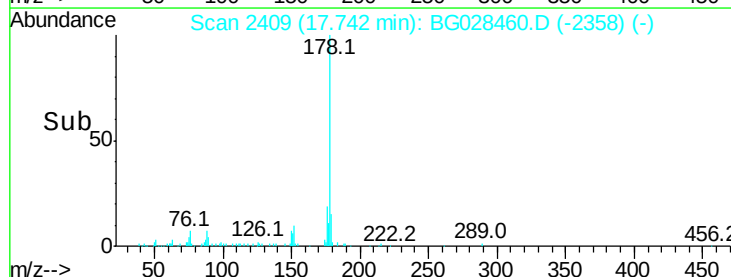
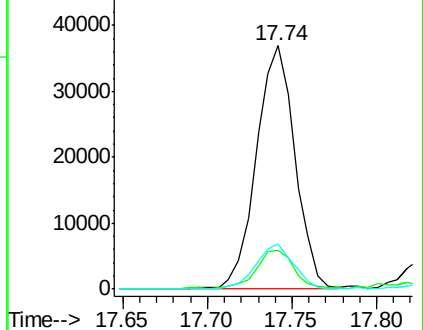
176 18.8 16.5 24.7

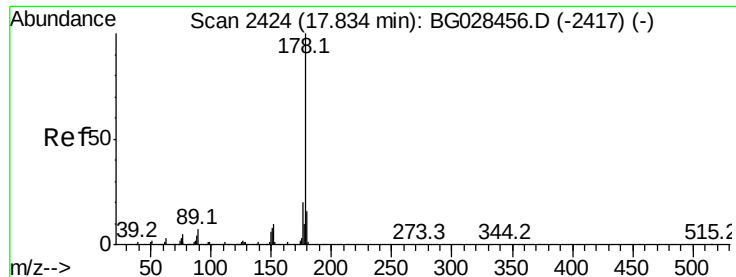


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 4.514 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.09 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

BNA_G

ClientSampleId :

B0AK6

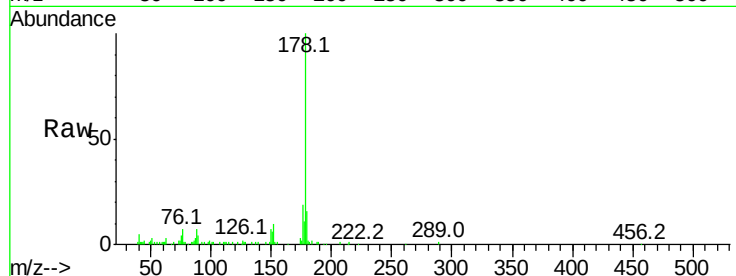
Tot Ion:178 Resp: 58561

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

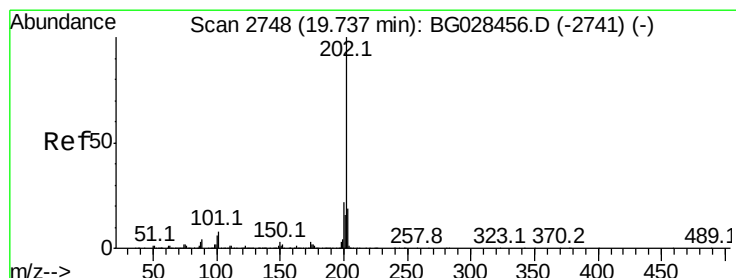
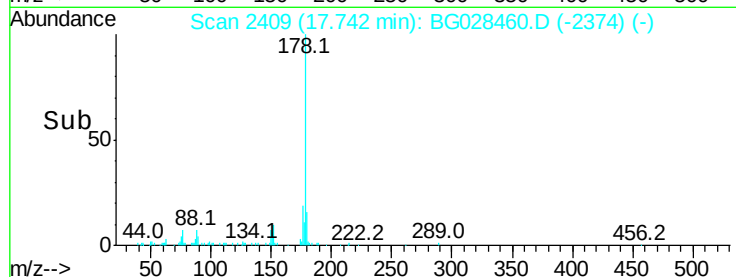
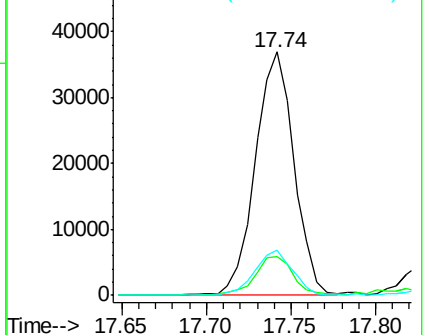
176 18.8 15.9 23.9



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: 5.616 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

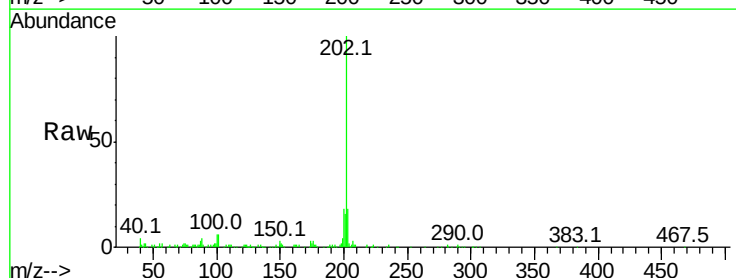
Tgt Ion:202 Resp: 86650

Ion Ratio Lower Upper

202 100

101 6.5 6.2 9.2

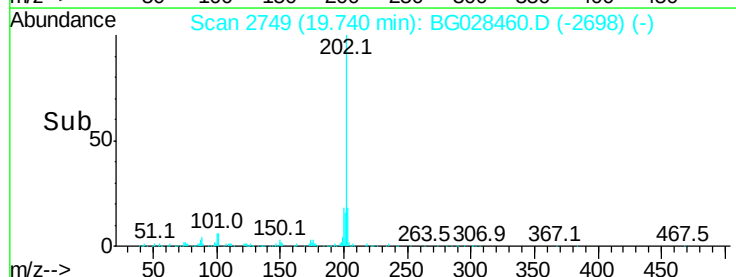
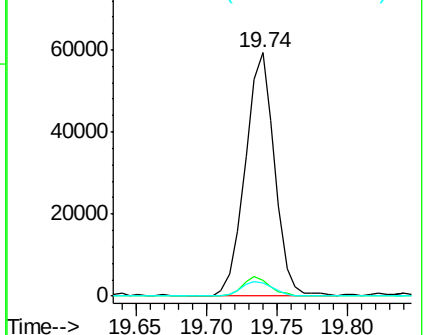
100 5.5 5.2 7.8

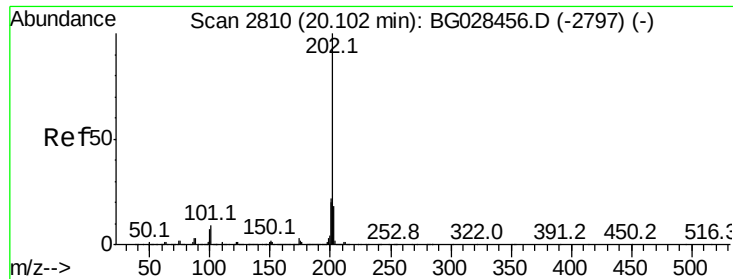


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.544 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

BNA_G

ClientSampleId :

B0AK6

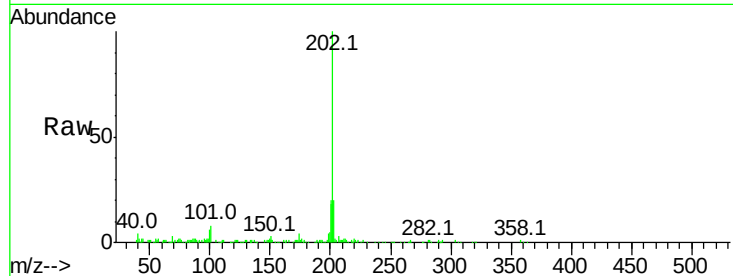
Tot Ion:202 Resp: 78858

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

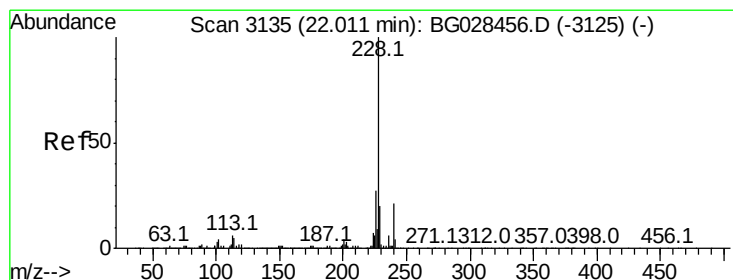
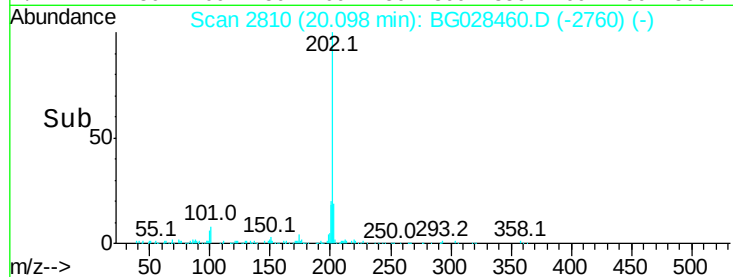
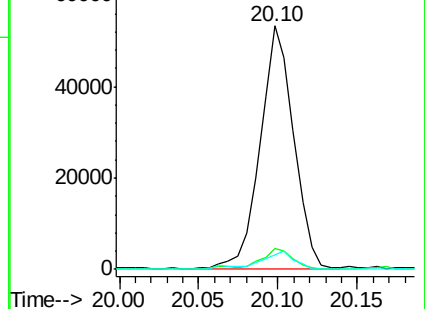
100 6.1 6.6 10.0#



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: 2.569 ng/ul

RT: 22.01 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

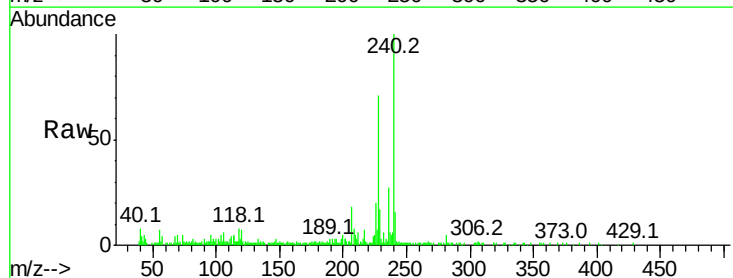
Tgt Ion:228 Resp: 43167

Ion Ratio Lower Upper

228 100

229 23.6 16.3 24.5

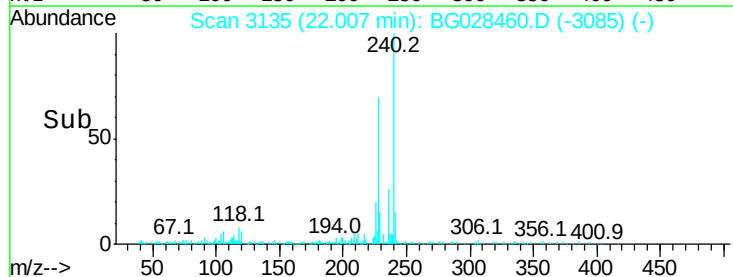
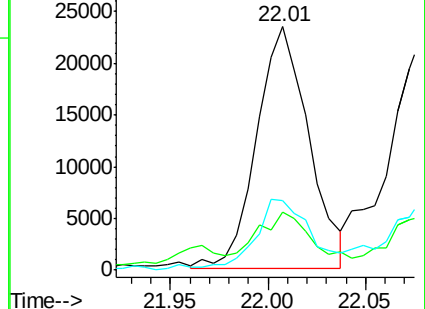
226 28.5 21.9 32.9

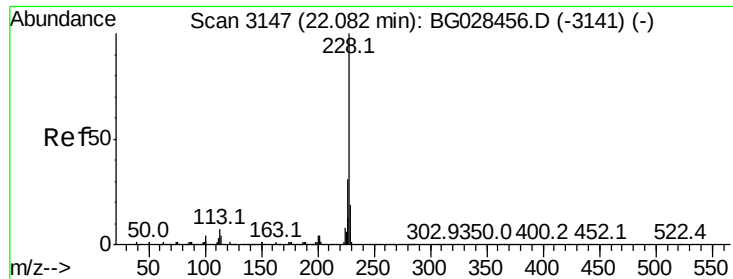


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.096 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

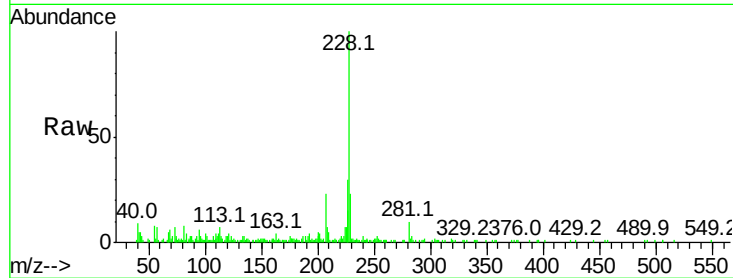
BNA_G

ClientSampleId :

B0AK6

Tot Ion:228 Resp: 46867

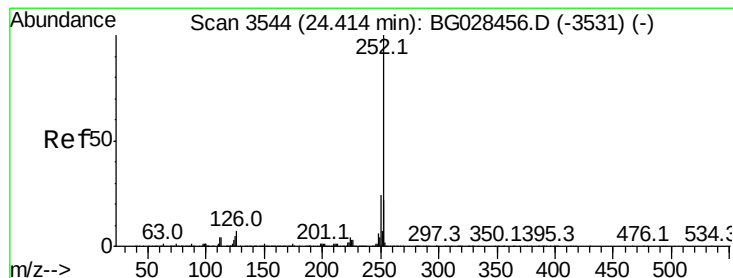
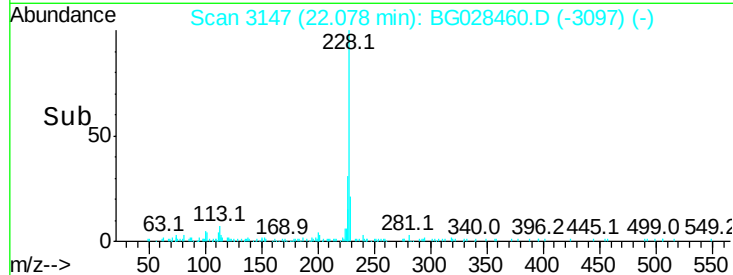
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	23.5	16.9	25.3



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: 2.909 ng/ul

RT: 24.42 min Scan# 3545

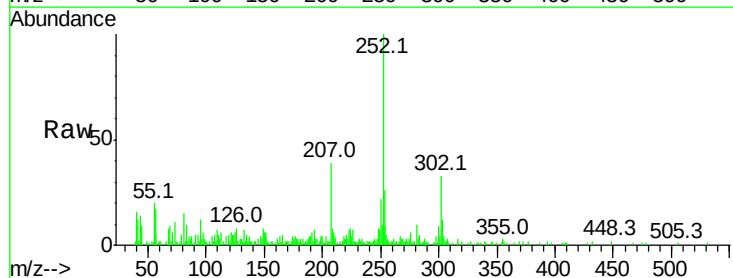
Delta R.T. 0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Tgt Ion:252 Resp: 51926

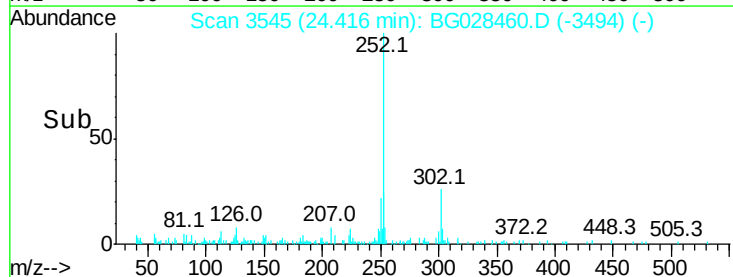
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	6.0	4.0	6.0

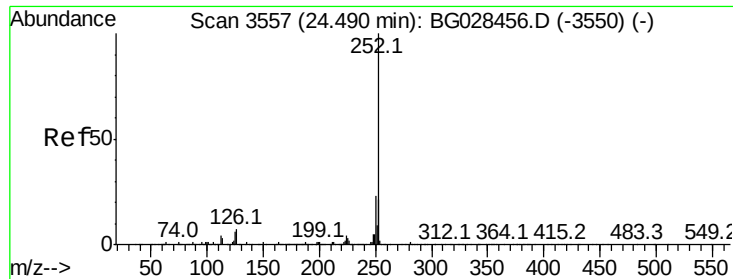


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.978 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. -0.07 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

BNA_G

ClientSampleId :

B0AK6

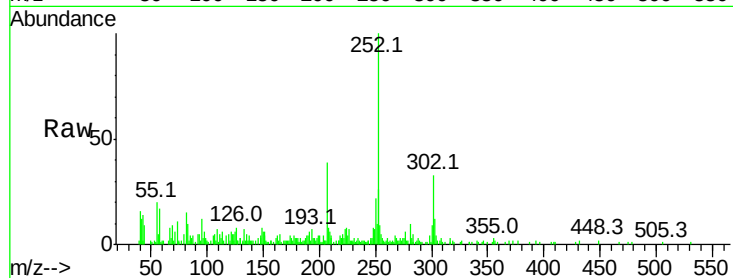
Tot Ion:252 Resp: 51926

Ion Ratio Lower Upper

252 100

253 25.8 18.5 27.7

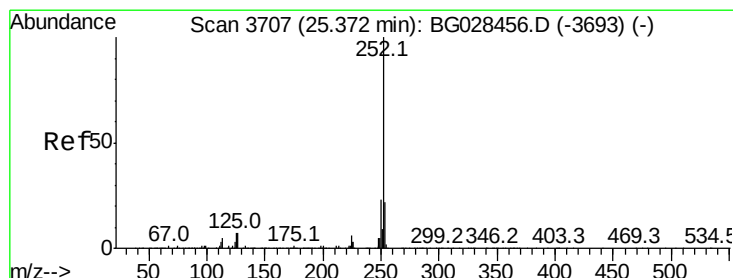
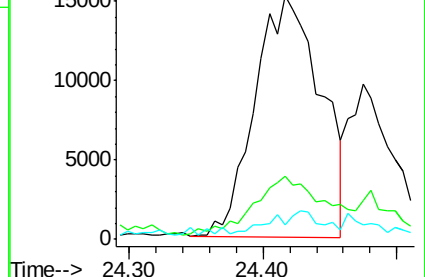
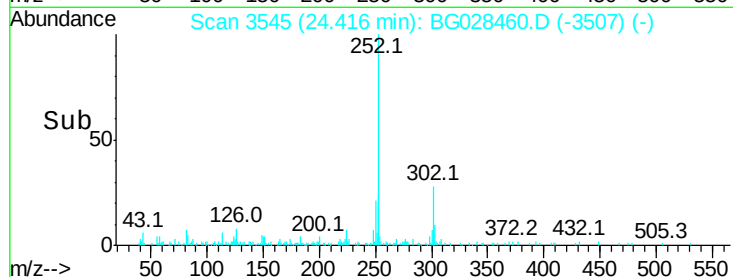
125 6.0 4.1 6.1



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



#88

Benzo(a)pyrene

Concen: 1.692 ng/ul

RT: 25.21 min Scan# 3680

Delta R.T. -0.16 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

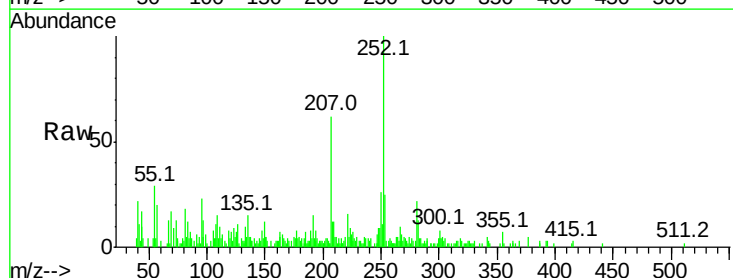
Tgt Ion:252 Resp: 29244

Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.6

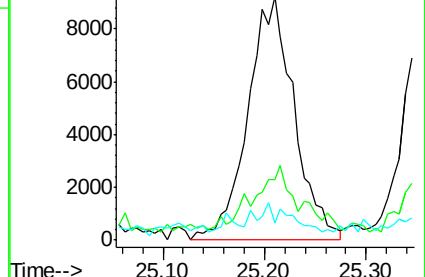
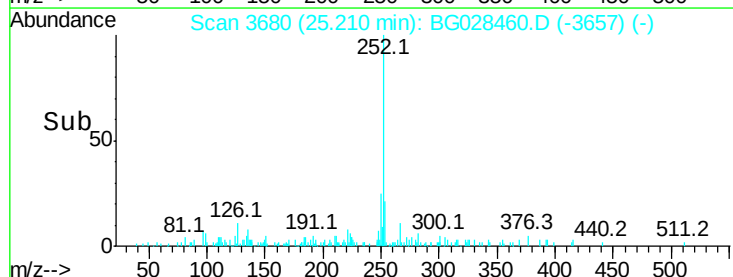
125 7.0 5.4 8.0

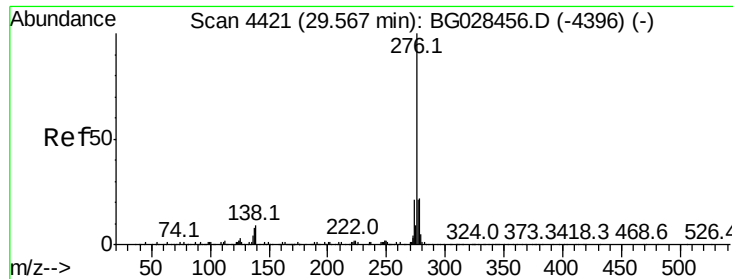


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.138 ng/ul

RT: 29.55 min Scan# 4418

Delta R.T. -0.02 min

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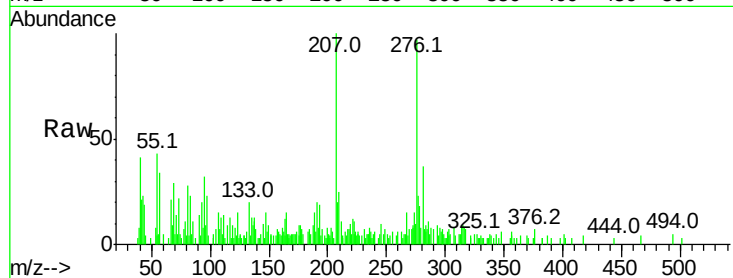
Tot Ion:276 Resp: 23039

Ion Ratio Lower Upper

276 100

138 18.6 8.2 12.4#

277 23.5 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

