

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028517.D
 Acq On : 28 Aug 2017 13:58
 Operator : SJ/JU
 Sample : I4905-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AX9

Quant Time: Aug 29 01:30:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:30:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37833	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	153110	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	108607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	270499	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	328307	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	315347	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	4778	5.88	ng/uL	0.01
5) Phenol-d5	7.49	99	104655	25.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	67212	25.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	78979	30.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	82466	23.75	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	39797	33.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	46336	35.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	89659	33.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	83824	27.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	307861	31.87	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	354320	32.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	38373	24.98	ng/ul	0.00
57) Fluorene-d10	15.94	176	267464	30.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	46646	26.55	ng/ul	0.00
70) Anthracene-d10	17.80	188	436313	33.64	ng/ul	0.00
76) Pyrene-d10	20.07	212	528908	31.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	504078	34.15	ng/ul	0.00

Target Compounds

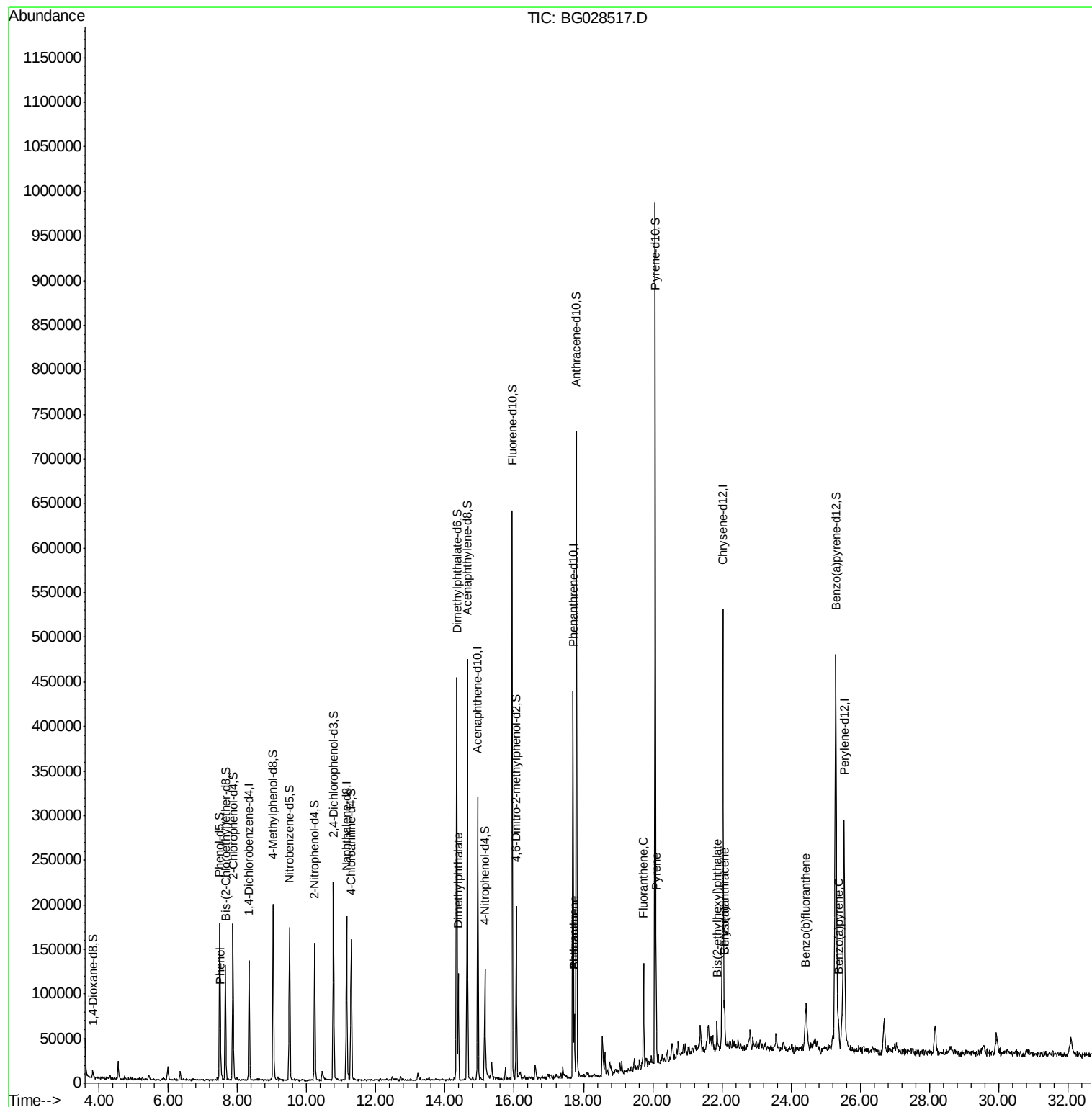
					Ovalue
6) Phenol	7.52	94	7062	1.710	ng/ul 94
44) Dimethylphthalate	14.38	163	77619	8.727	ng/ul 99
69) Phenanthrene	17.74	178	42068	3.090	ng/ul 94
71) Anthracene	17.74	178	42068	3.024	ng/ul 95
74) Fluoranthene	19.74	202	74295	4.491	ng/ul 98
77) Pyrene	20.10	202	68256	3.485	ng/ul 98
80) Benzo(a)anthracene	22.08	228	37809	1.993	ng/ul 99
81) Bis(2-ethylhexyl)phthalate	21.86	149	11052	1.059	ng/ul# 92
82) Chrysene	22.08	228	37809	2.213	ng/ul 96
85) Benzo(b)fluoranthene	24.41	252	47543	2.519	ng/ul# 94
88) Benzo(a)pyrene	25.37	252	35574	1.947	ng/ul# 91

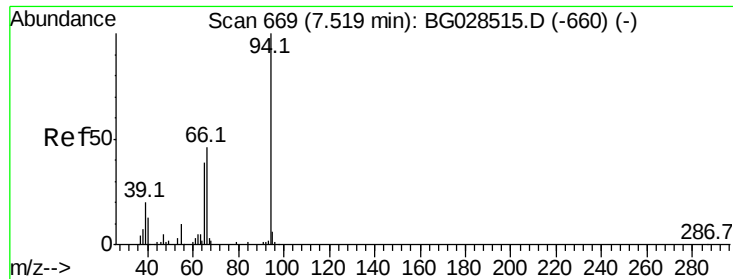
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.710 ng/ul

RT: 7.52 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

ClientSampleId :

B0AX9

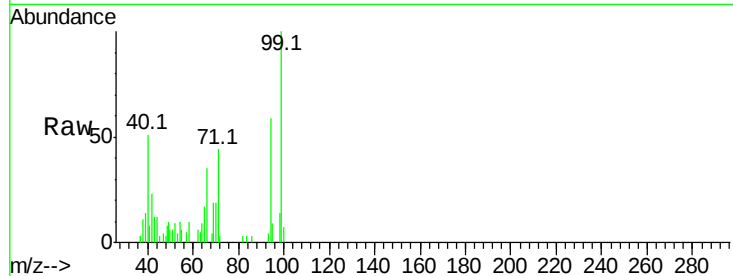
Tot Ion: 94 Resp: 7062

Ion Ratio Lower Upper

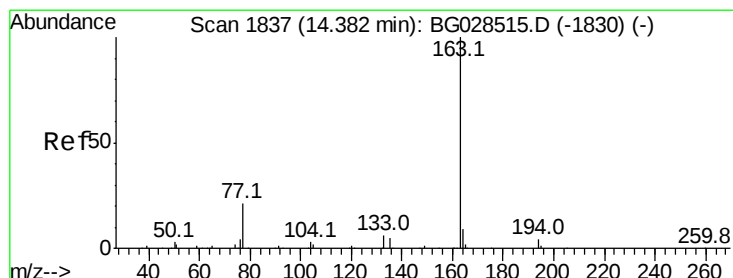
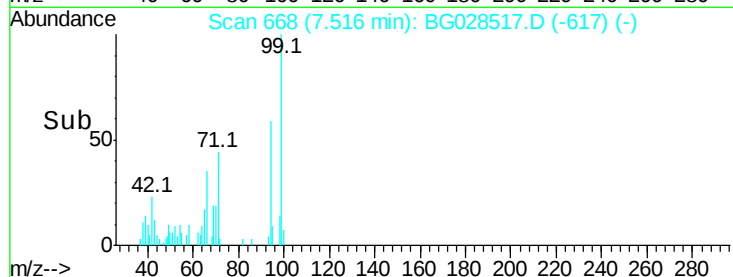
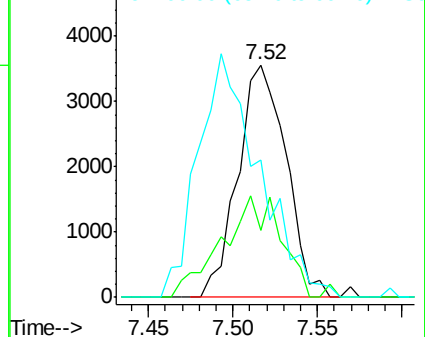
94 100

65 28.8 26.8 40.2

66 59.1 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: 8.727 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

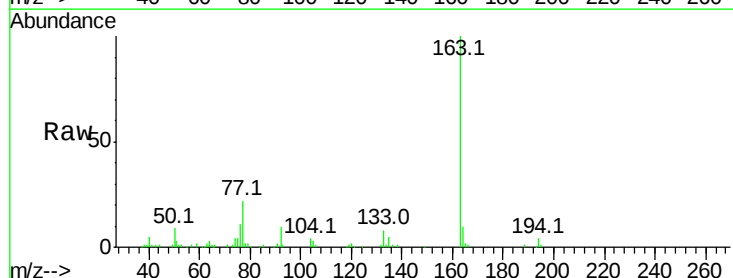
Tgt Ion:163 Resp: 77619

Ion Ratio Lower Upper

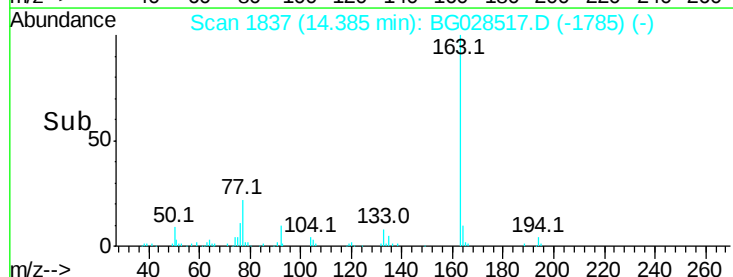
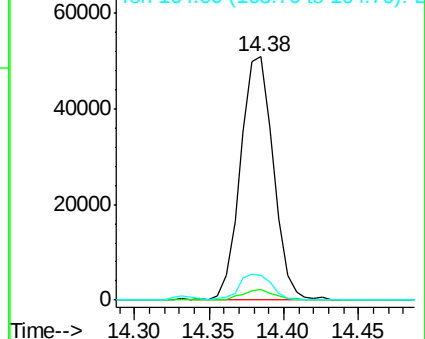
163 100

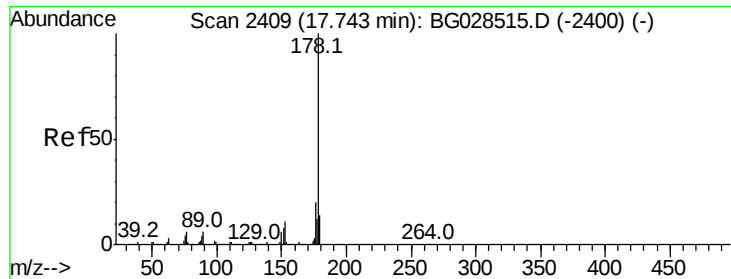
194 4.2 3.4 5.0

164 10.4 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: 3.090 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

ClientSampleId :

B0AX9

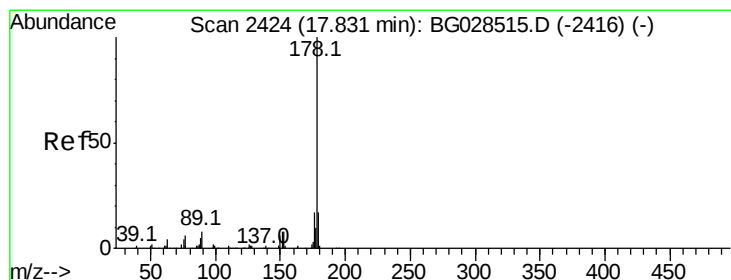
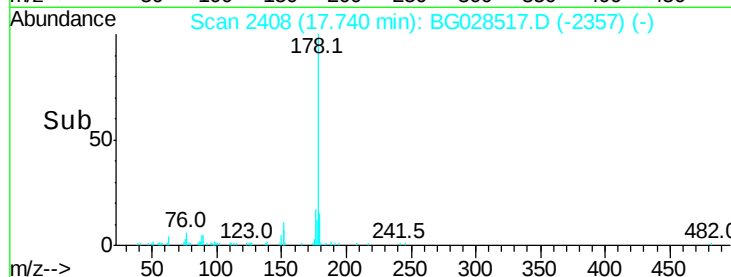
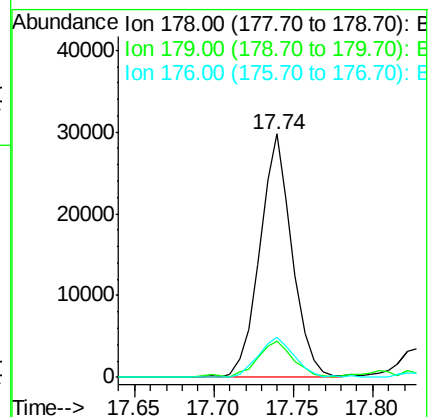
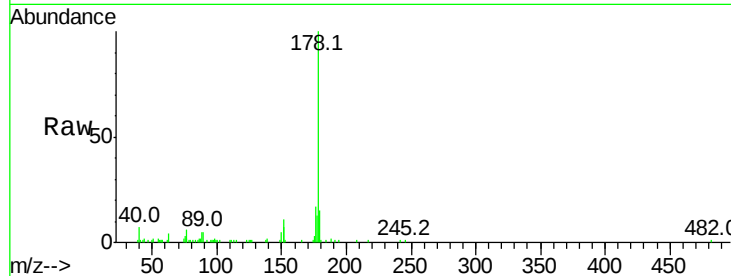
Tot Ion:178 Resp: 42068

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

176 16.6 16.5 24.7



#71

Anthracene

Concen: 3.024 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.09 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

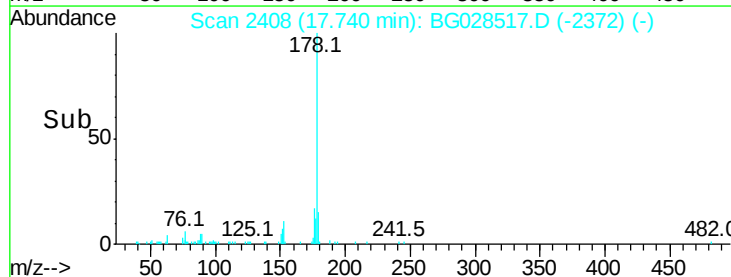
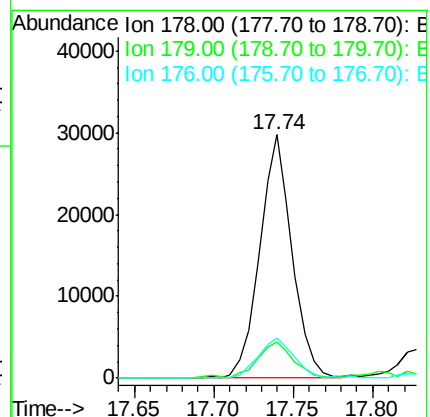
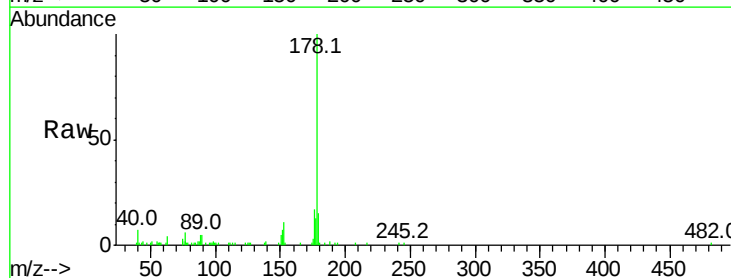
Tgt Ion:178 Resp: 42068

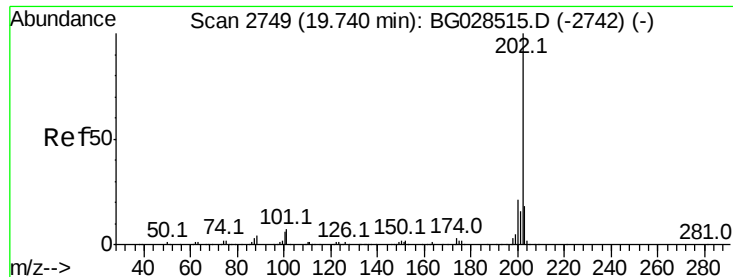
Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

176 16.6 15.9 23.9





#74

Fluoranthene

Concen: 4.491 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

ClientSampleId :

B0AX9

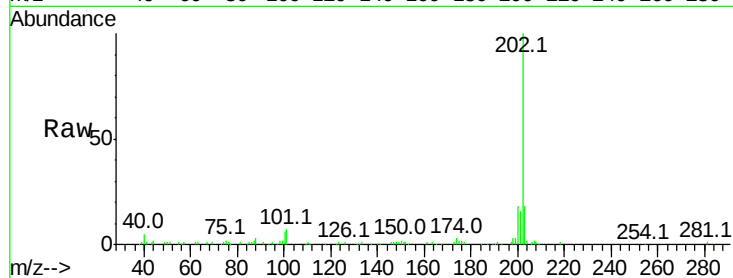
Tot Ion:202 Resp: 74295

Ion Ratio Lower Upper

202 100

101 7.0 6.2 9.2

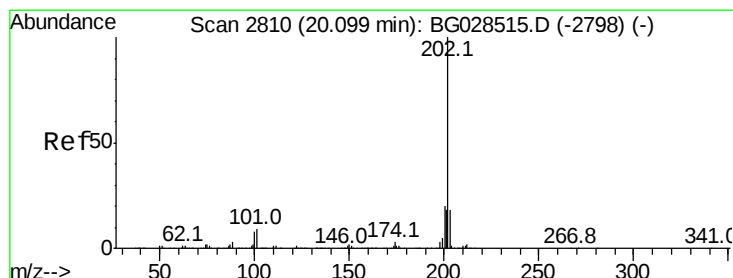
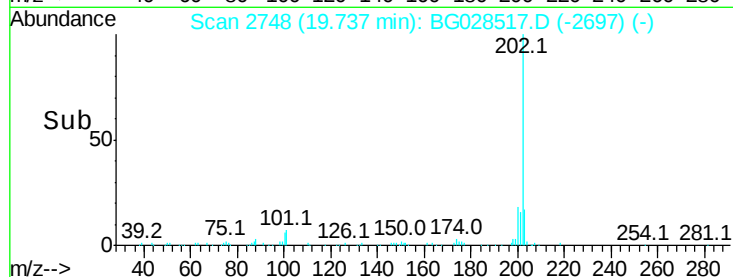
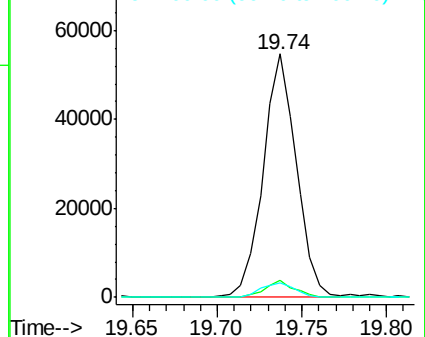
100 5.7 5.2 7.8



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

Pyrene

Concen: 3.485 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

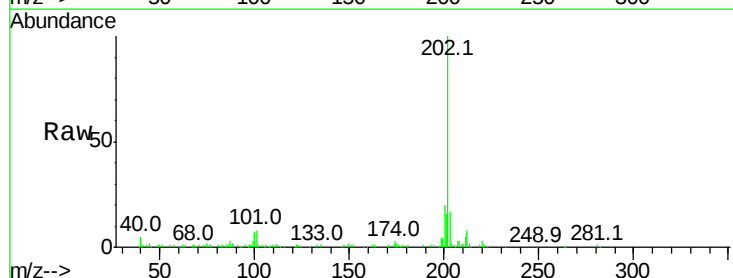
Tgt Ion:202 Resp: 68256

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

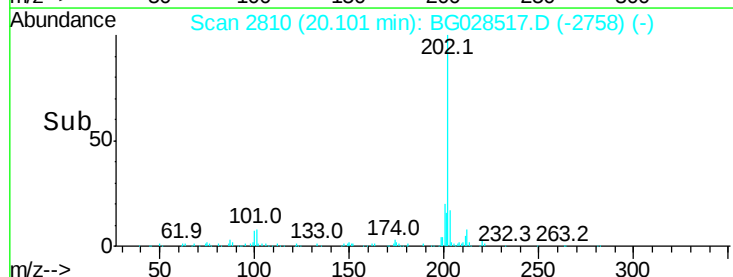
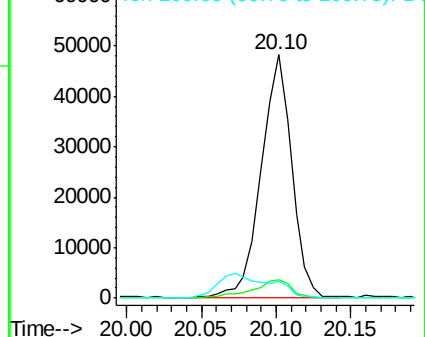
100 7.1 6.6 10.0

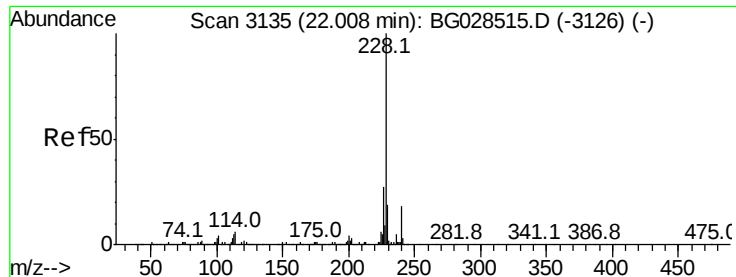


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.993 ng/ul

RT: 22.08 min Scan# 3146

Delta R.T. 0.07 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

BNA_G

ClientSampleId :

B0AX9

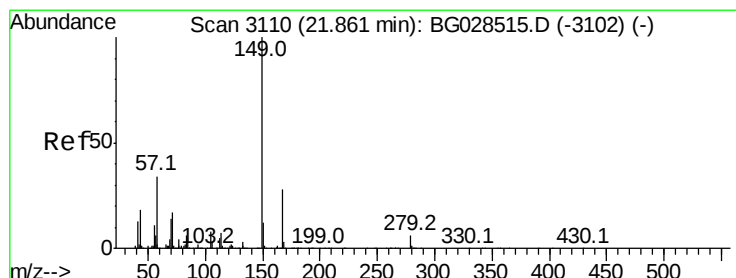
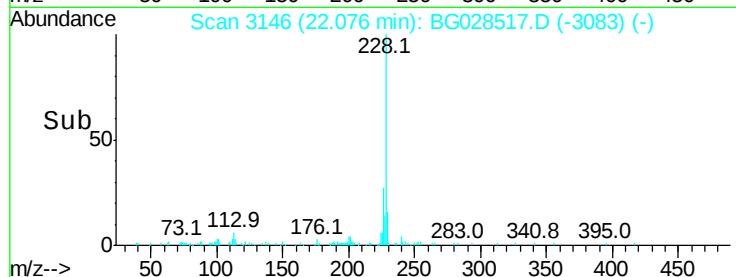
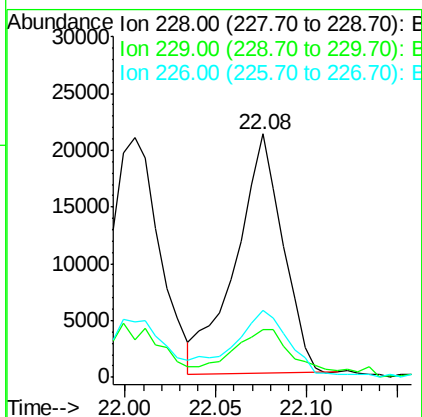
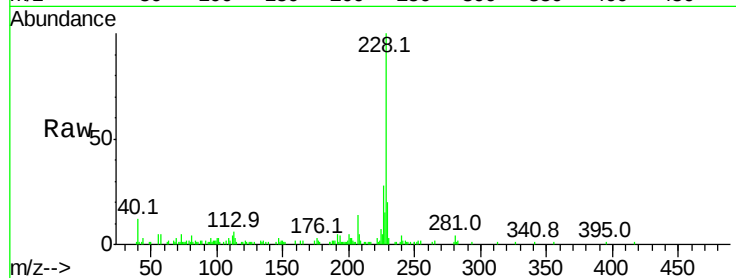
Tot Ion:228 Resp: 37809

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.3	24.5
226	27.6	21.9	32.9

228 100

229 19.5 16.3 24.5

226 27.6 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.059 ng/ul

RT: 21.86 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

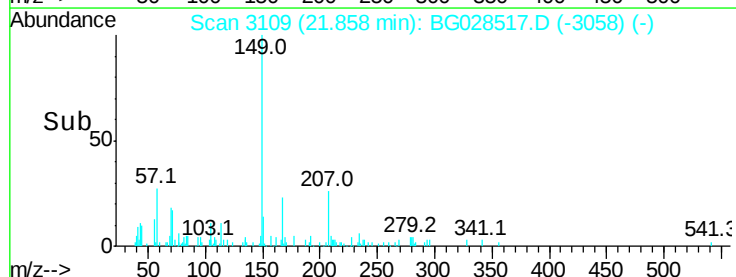
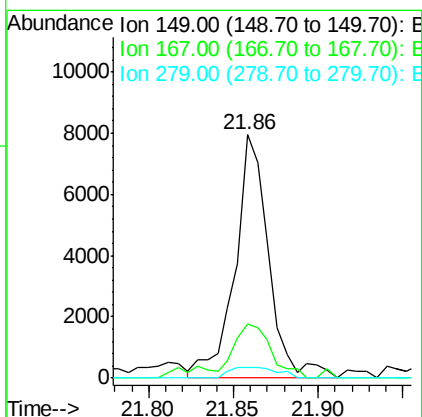
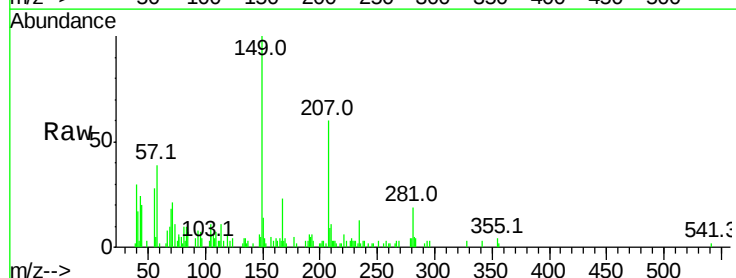
Tgt Ion:149 Resp: 11052

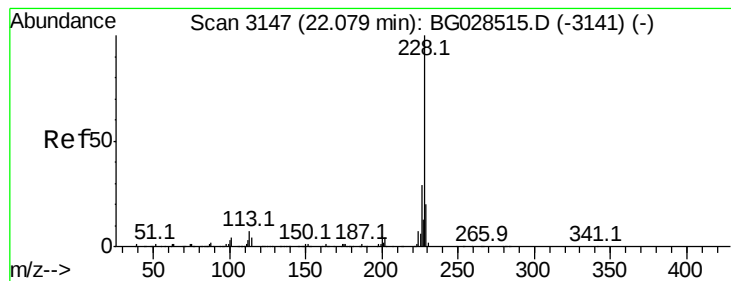
Ion	Ratio	Lower	Upper
149	100		
167	22.5	21.8	32.8
279	4.5	4.5	6.7#

149 100

167 22.5 21.8 32.8

279 4.5 4.5 6.7#





#82

Chrysene

Concen: 2.213 ng/ul

RT: 22.08 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Instrument :

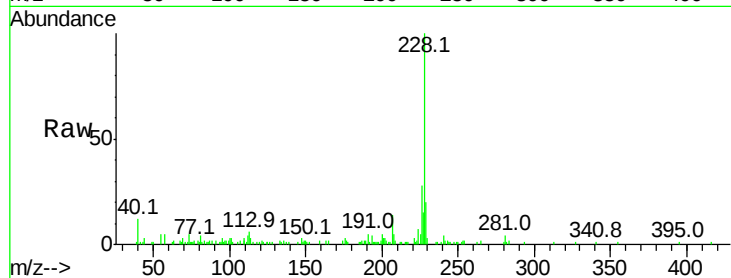
BNA_G

ClientSampleId :

B0AX9

Tot Ion:228 Resp: 37809

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.0	36.0
229	19.5	16.9	25.3

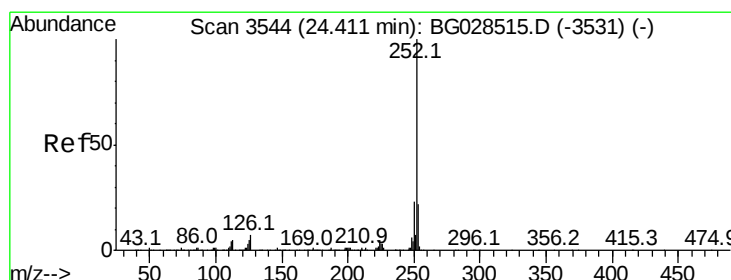
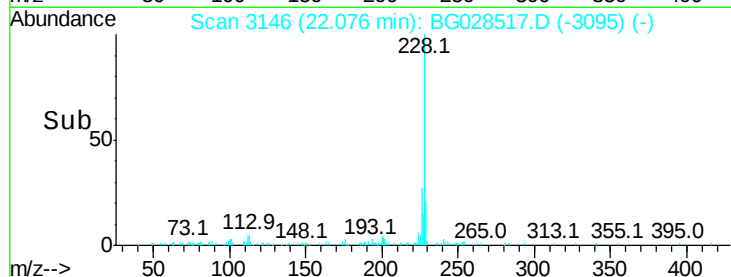
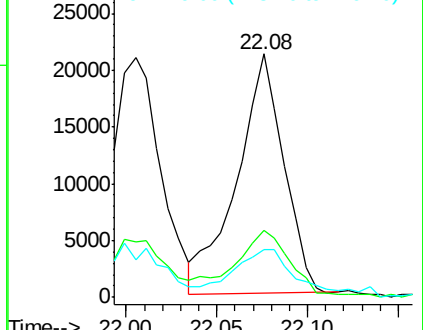


Abundance

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: 2.519 ng/ul

RT: 24.41 min Scan# 3544

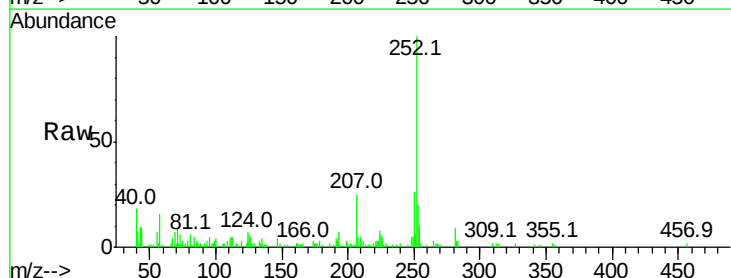
Delta R.T. 0.00 min

Lab File: BG028517.D

Acq: 28 Aug 2017 13:58

Tgt Ion:252 Resp: 47543

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.7	26.5
125	9.2	4.0	6.0

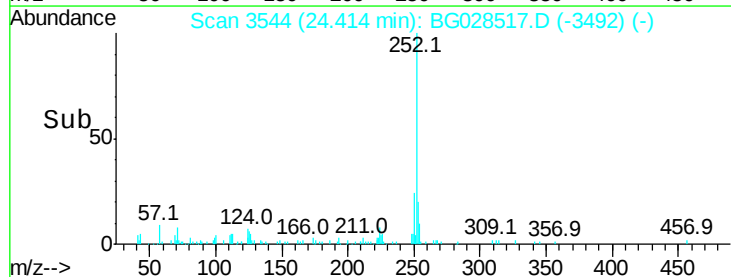
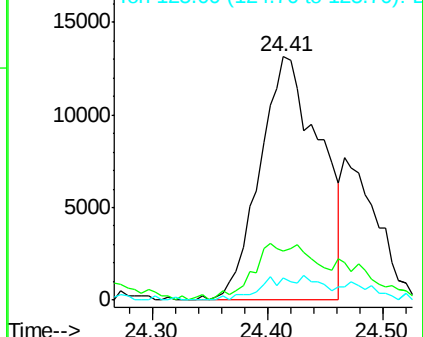


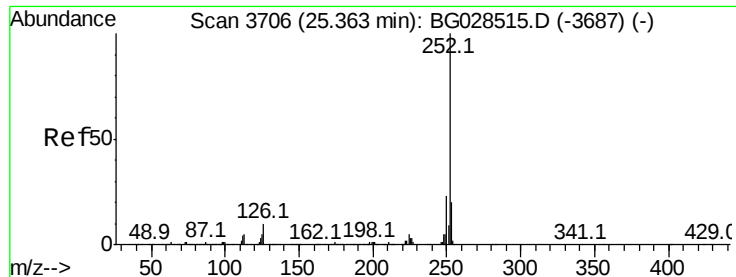
Abundance

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





#88

Benzo(a)pyrene

Concen: 1.947 ng/ul

RT: 25.37 min Scan# 3706

Delta R.T. 0.00 min

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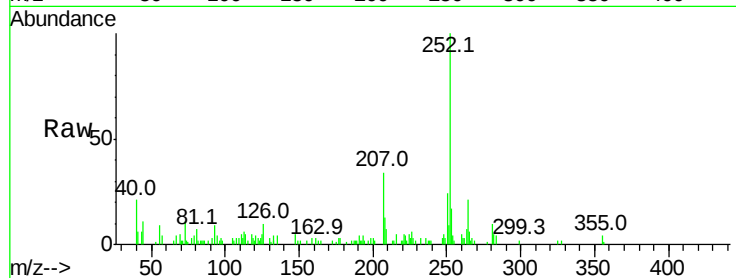
Tot Ion:252 Resp: 35574

Ion Ratio Lower Upper

252 100

253 17.3 17.8 26.6#

125 4.9 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

