

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028555.D
 Acq On : 30 Aug 2017 16:05
 Operator : SJ/JU
 Sample : I4917-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B75

Quant Time: Aug 31 01:37:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 31 01:32:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	34901	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	145820	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104579	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	265380	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	296599	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	289448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	1380	1.84	ng/uL	0.00
5) Phenol-d5	7.49	99	29910	7.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	23514	9.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	24409	10.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	23784	7.42	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	14056	12.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	13019	10.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	27701	10.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	21050	7.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	108201	11.63	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	126200	12.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	4755	3.22	ng/ul	0.03
57) Fluorene-d10	15.94	176	96973	11.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	8083	4.69	ng/ul	0.00
70) Anthracene-d10	17.70	188	265380	20.85	ng/ul	-0.10
76) Pyrene-d10	20.07	212	183071	12.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	163933	12.10	ng/ul	-0.01

Target Compounds

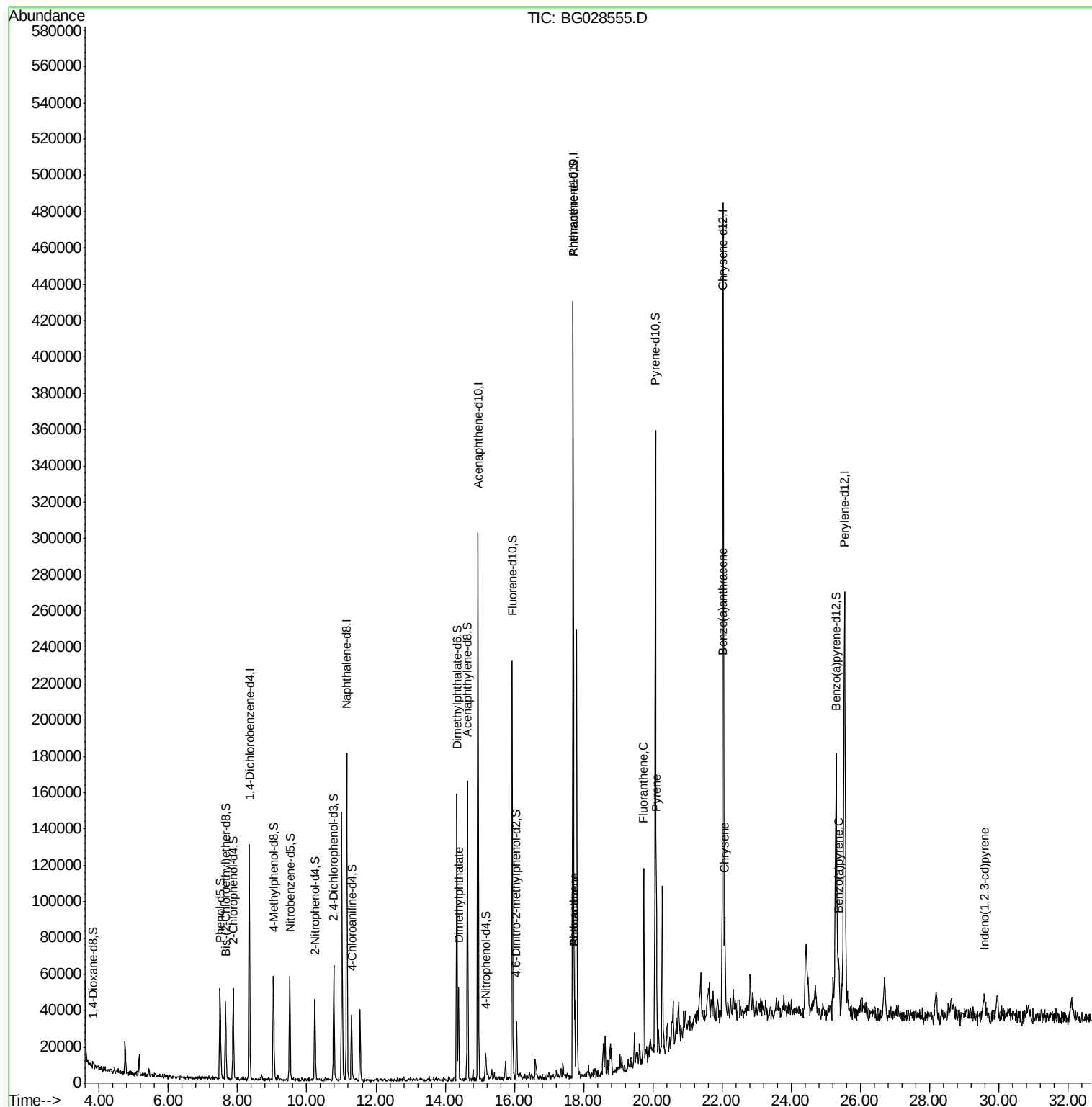
					Ovalue
44) Dimethylphthalate	14.39	163	33438	3.904 ng/ul	98
69) Phenanthrene	17.74	178	29587	2.215 ng/ul	99
71) Anthracene	17.74	178	29587	2.168 ng/ul	98
74) Fluoranthene	19.74	202	69300	4.270 ng/ul	99
77) Pyrene	20.10	202	63005	3.561 ng/ul#	96
80) Benzo(a)anthracene	22.01	228	44034	2.569 ng/ul	95
82) Chrysene	22.08	228	39925	2.587 ng/ul	92
88) Benzo(a)pyrene	25.37	252	34553	2.060 ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.57	276	21098	1.074 ng/ul#	92

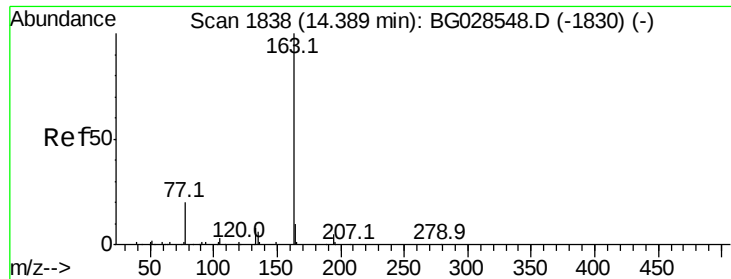
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 3.904 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

ClientSampled :

B0B75

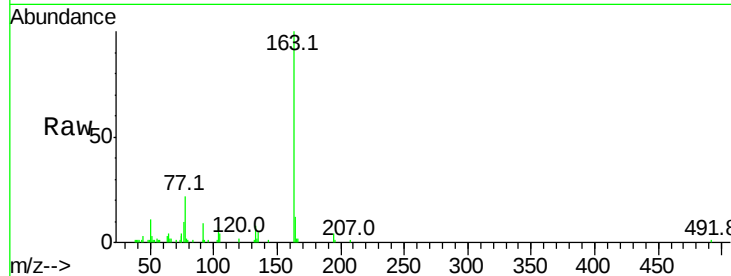
Tot Ion:163 Resp: 33438

Ion Ratio Lower Upper

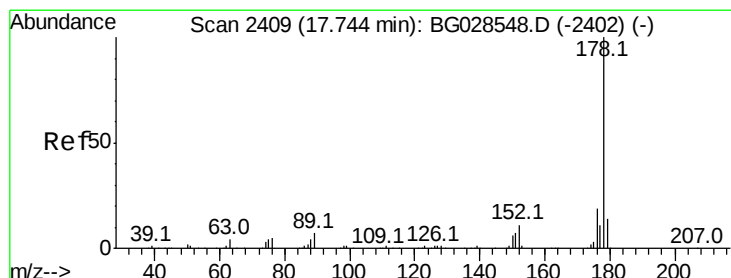
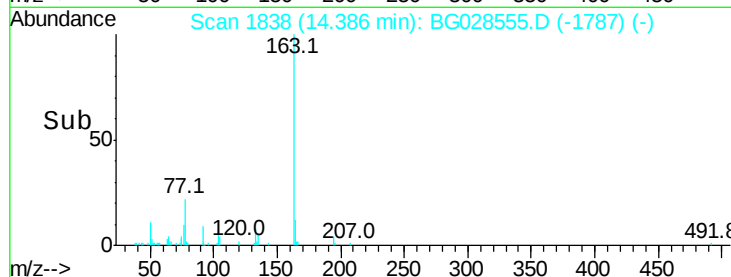
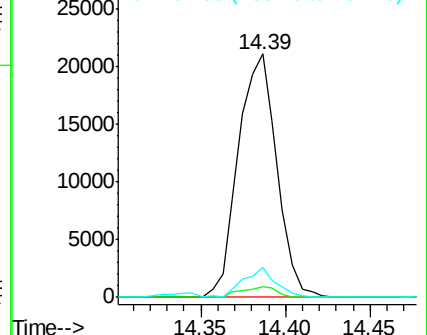
163 100

194 4.3 3.4 5.0

164 12.2 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: 2.215 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

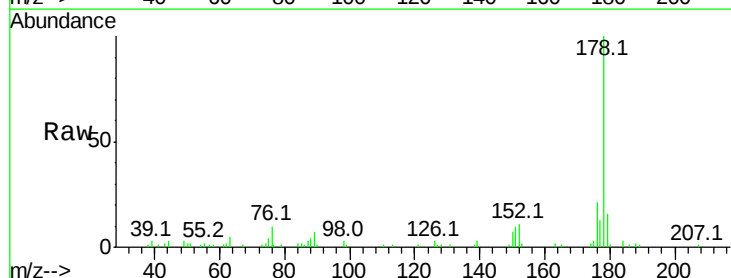
Tgt Ion:178 Resp: 29587

Ion Ratio Lower Upper

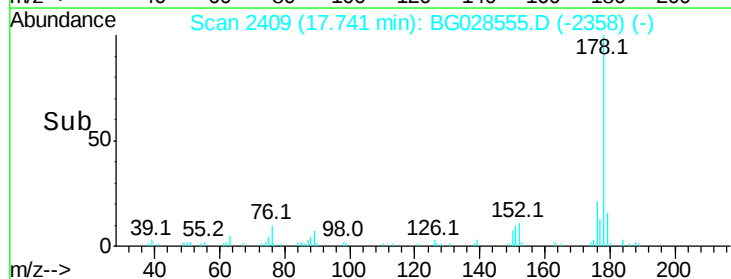
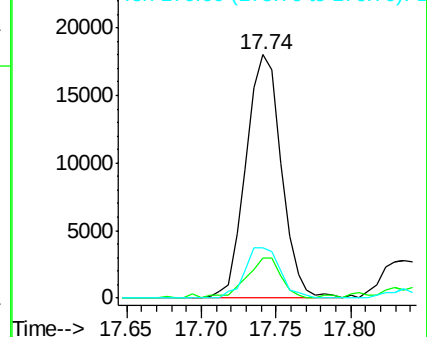
178 100

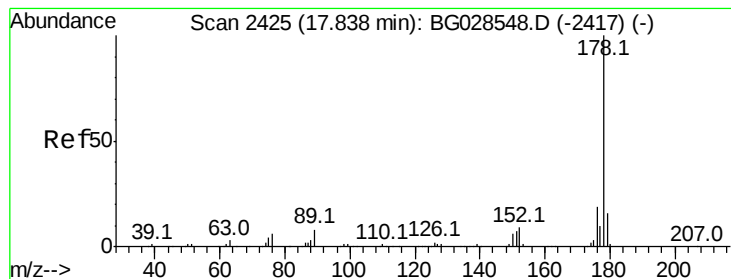
179 16.4 12.4 18.6

176 20.8 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: 2.168 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.10 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

ClientSampleId :

B0B75

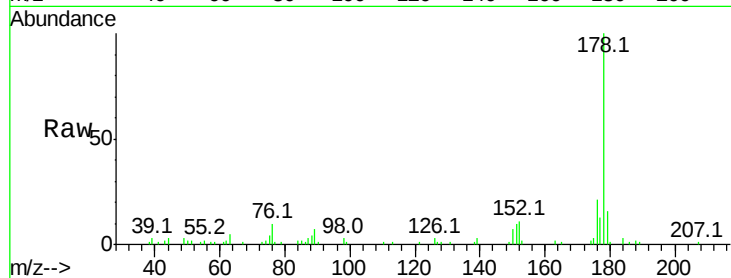
Tot Ion:178 Resp: 29587

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	20.8	15.9	23.9

178 100

179 16.4 12.6 19.0

176 20.8 15.9 23.9

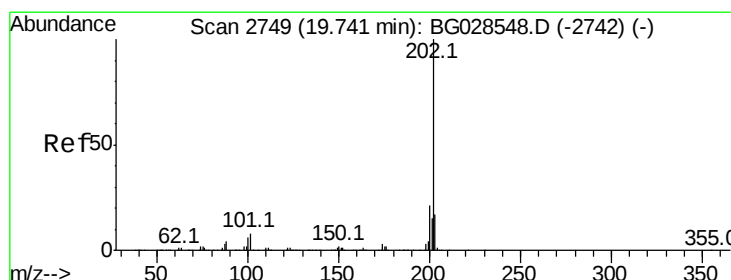
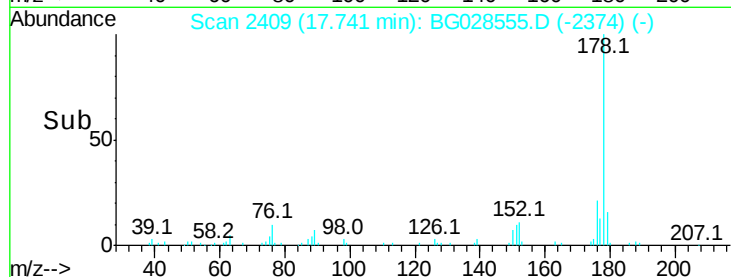
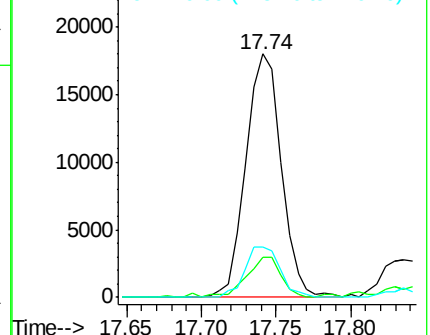


Abundance

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: 4.270 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

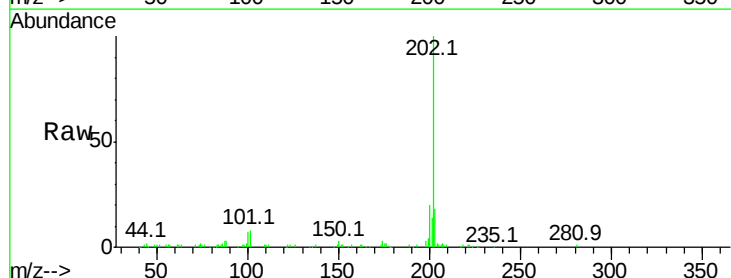
Tgt Ion:202 Resp: 69300

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	6.6	5.2	7.8

202 100

101 8.1 6.2 9.2

100 6.6 5.2 7.8

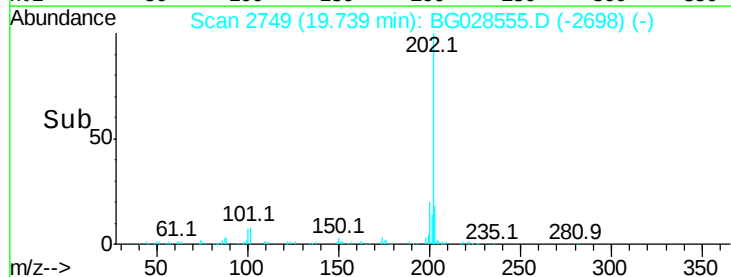
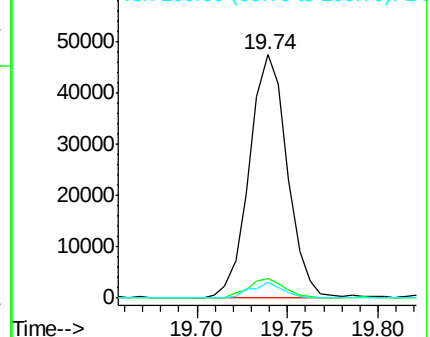


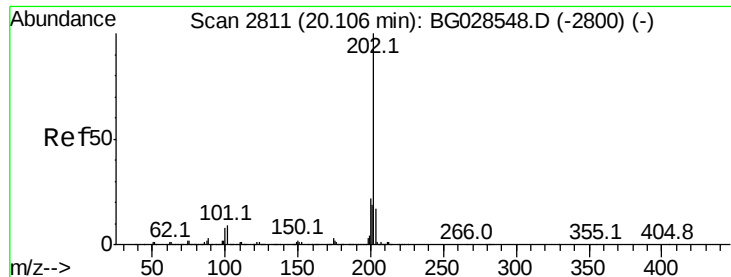
Abundance

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: 3.561 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

ClientSampleId :

B0B75

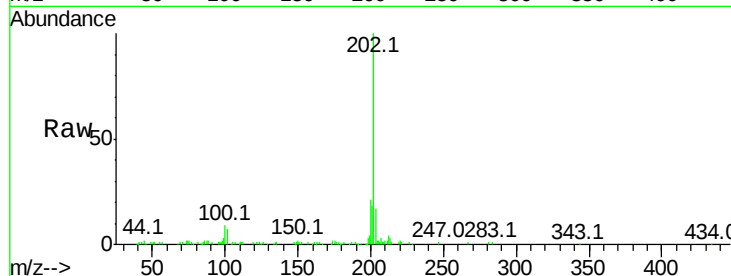
Tot Ion:202 Resp: 63005

Ion Ratio Lower Upper

202 100

101 6.9 6.9 10.3#

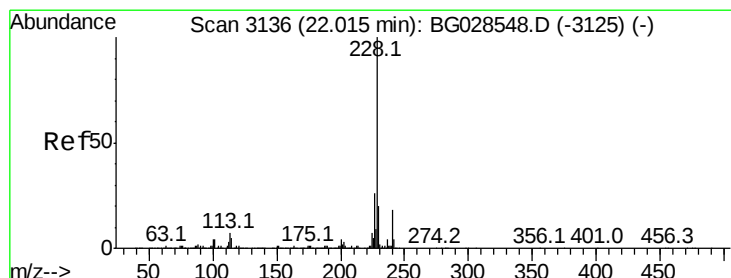
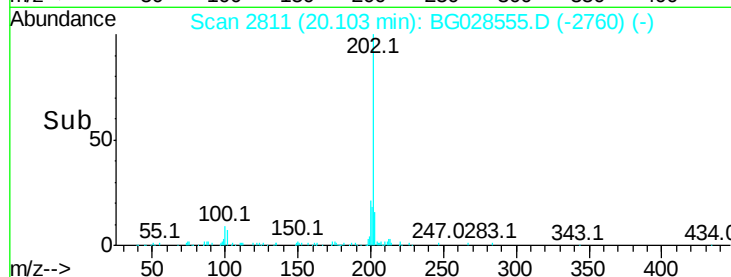
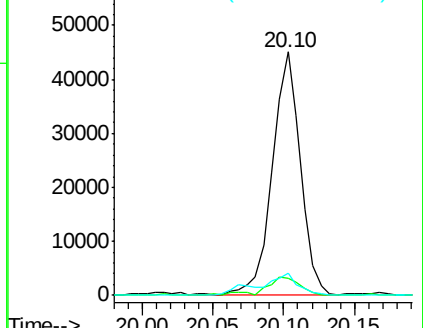
100 9.1 6.6 10.0



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. -0.01 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

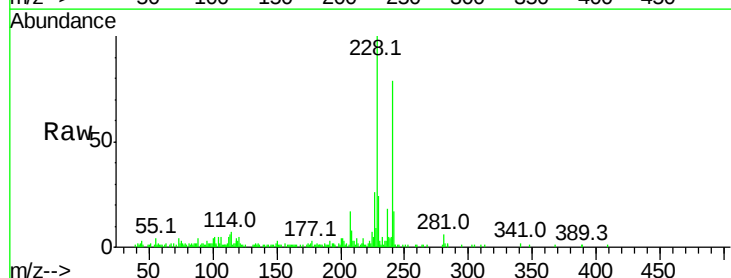
Tgt Ion:228 Resp: 44034

Ion Ratio Lower Upper

228 100

229 24.3 16.3 24.5

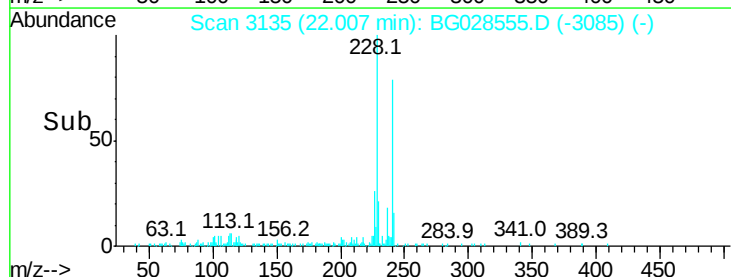
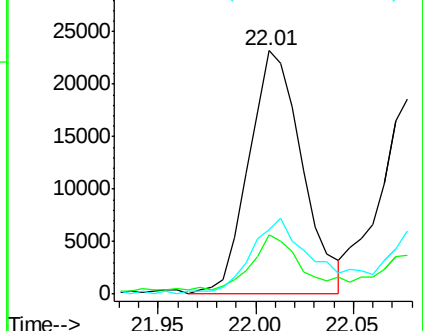
226 26.5 21.9 32.9

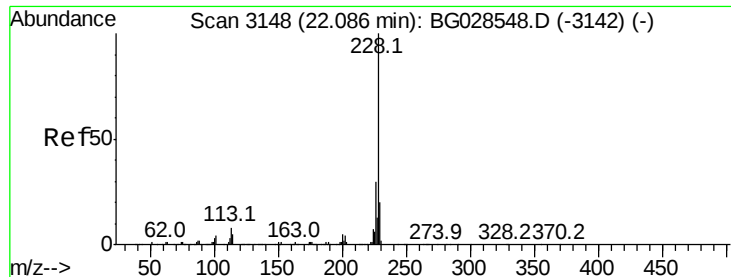


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.587 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

ClientSampleId :

B0B75

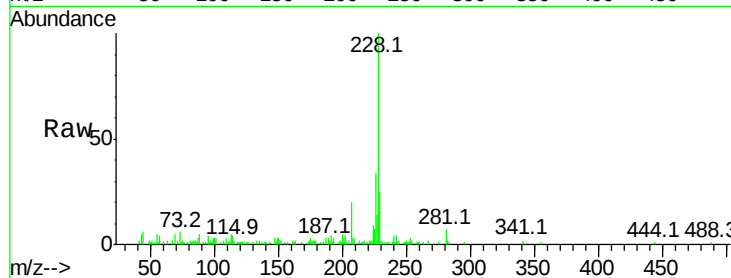
Tot Ion:228 Resp: 39925

Ion Ratio Lower Upper

228 100

226 34.0 24.0 36.0

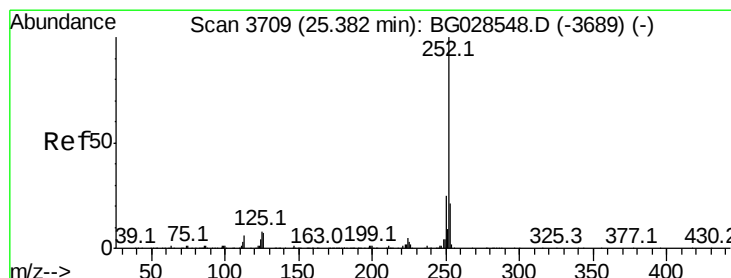
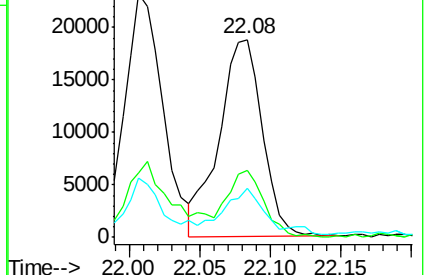
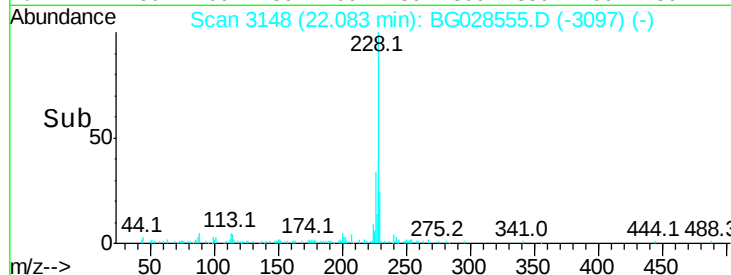
229 25.1 16.9 25.3



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



#88

Benzo(a)pyrene

Concen: 2.060 ng/ul

RT: 25.37 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

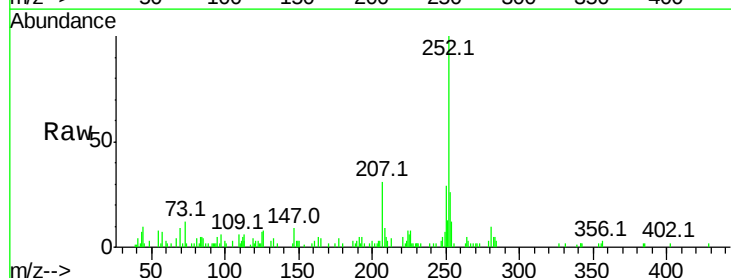
Tgt Ion:252 Resp: 34553

Ion Ratio Lower Upper

252 100

253 26.5 17.8 26.6

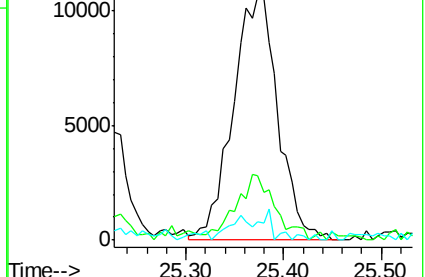
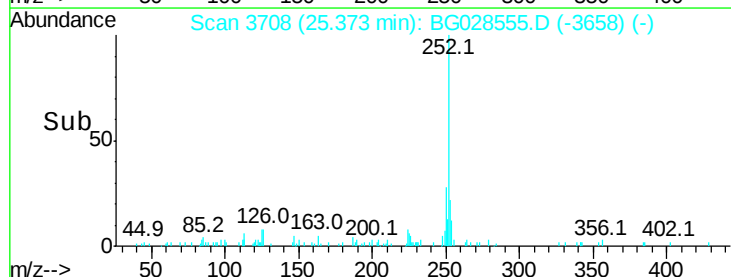
125 7.3 5.4 8.0

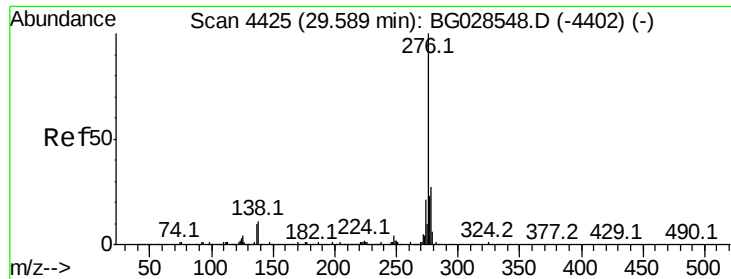


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.074 ng/ul

RT: 29.57 min Scan# 4422

Delta R.T. -0.02 min

Lab File: BG028555.D

Acq: 30 Aug 2017 16:05

Instrument :

BNA_G

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B0B75

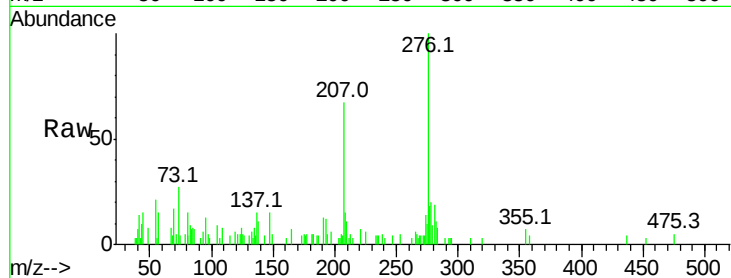
Tot Ion:276 Resp: 21098

Ion Ratio Lower Upper

276 100

138 10.7 8.2 12.4

277 18.2 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

