

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030856.D
 Acq On : 8 Nov 2017 21:36
 Operator : SJ/JU
 Sample : I6245-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EY6

Quant Time: Nov 09 03:19:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:14:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	68849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	333218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	216273	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	513962	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	559885	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	589967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5462	3.22	ng/uL	0.00
5) Phenol-d5	7.31	99	118207	17.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	68996	16.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	98944	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	95277	17.85	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	50911	21.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	61377	25.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	107971	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	106497	16.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	351364	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	445614	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	47035	13.78	ng/ul	0.00
57) Fluorene-d10	15.75	176	326281	21.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	39966	15.93	ng/ul	0.00
70) Anthracene-d10	17.60	188	515146	21.19	ng/ul	0.00
76) Pyrene-d10	19.88	212	590573	20.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	604631	21.64	ng/ul	0.00

Target Compounds

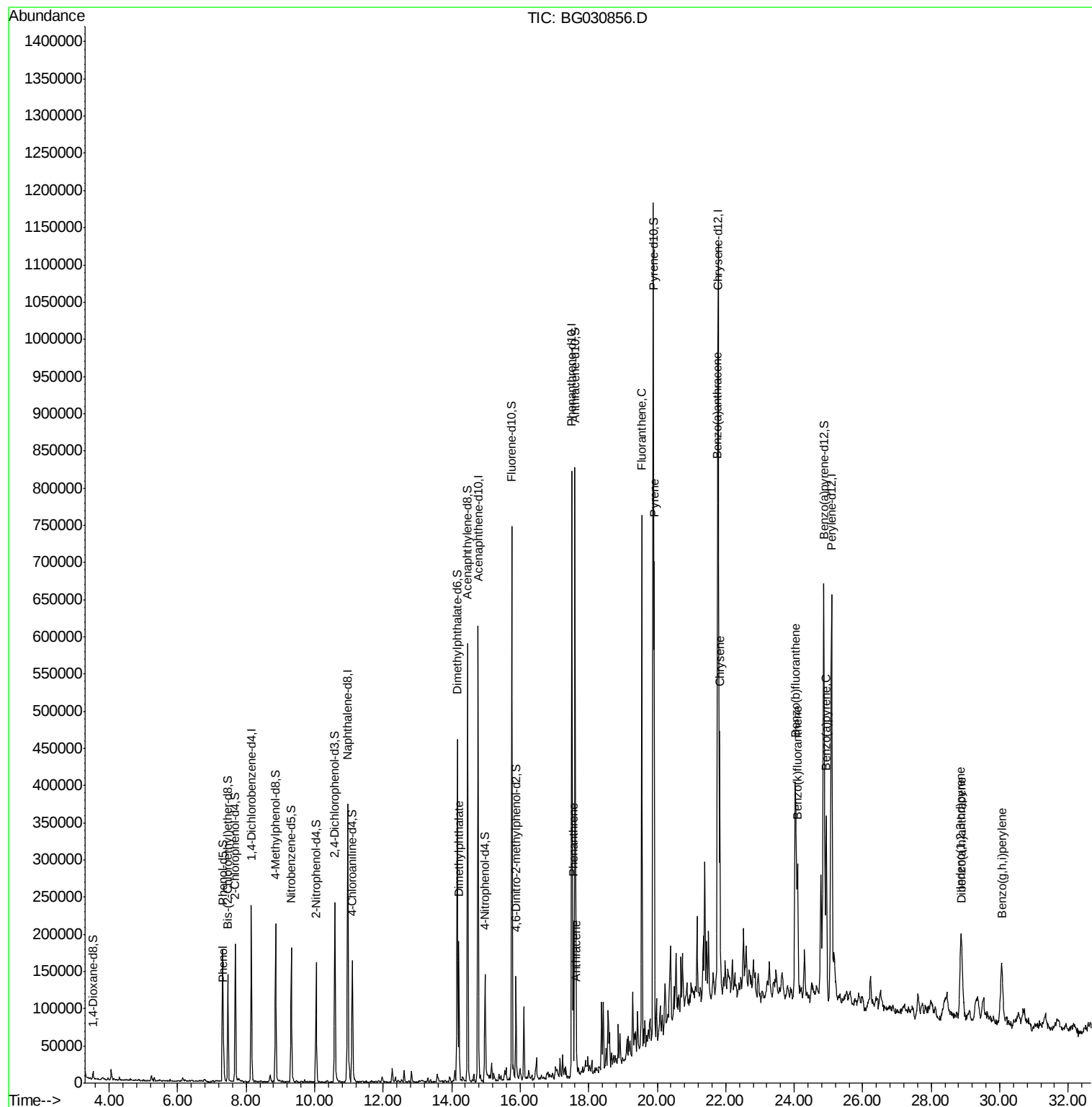
					Ovalue
6) Phenol	7.34	94	23358	3.416 ng/ul	93
44) Dimethylphthalate	14.21	163	141095	7.824 ng/ul	99
69) Phenanthrene	17.55	178	131329	4.727 ng/ul	98
71) Anthracene	17.64	178	31322	1.093 ng/ul	96
74) Fluoranthene	19.55	202	438813	14.132 ng/ul	100
77) Pyrene	19.91	202	401851	10.709 ng/ul	99
80) Benzo(a)anthracene	21.76	228	278070	7.925 ng/ul	98
82) Chrysene	21.83	228	275589	8.644 ng/ul	97
85) Benzo(b)fluoranthene	24.03	252	382908	10.811 ng/ul	98
86) Benzo(k)fluoranthene	24.09	252	118214	3.452 ng/ul	97
88) Benzo(a)pyrene	24.93	252	270231	7.838 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	206809	5.302 ng/ul	97
90) Dibenzo(a,h)anthracene	28.90	278	57891	1.787 ng/ul	94
91) Benzo(g,h,i)perylene	30.05	276	173644	5.371 ng/ul	98

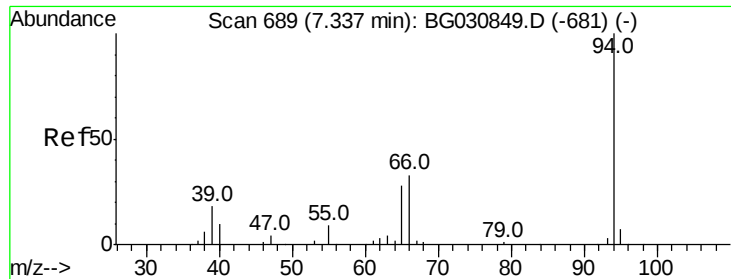
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:14:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.416 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

Instrument :

BNA_G

ClientSampleId :

B0EY6

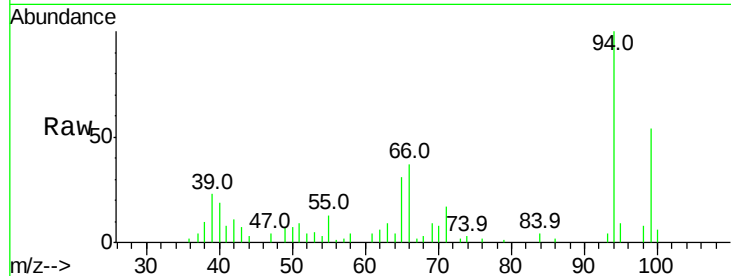
Tot Ion: 94 Resp: 23358

Ion Ratio Lower Upper

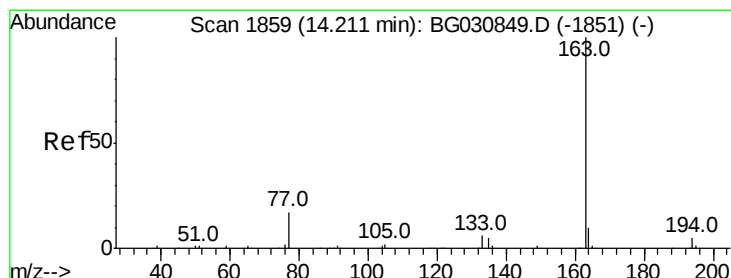
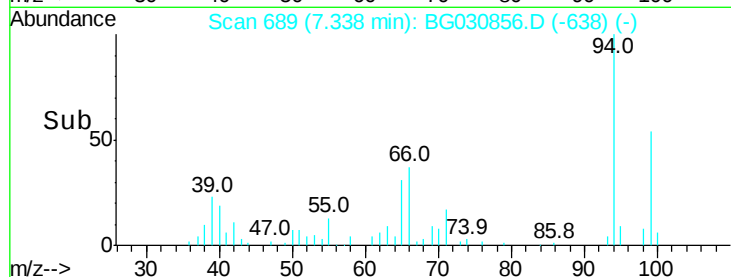
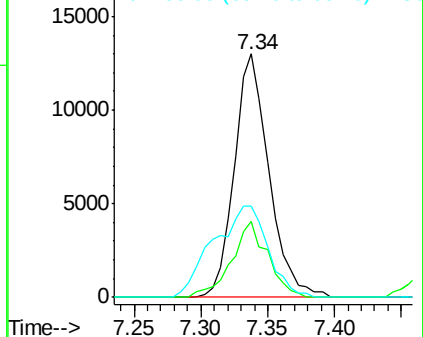
94 100

65 31.4 27.1 40.7

66 37.5 34.6 52.0



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: 7.824 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

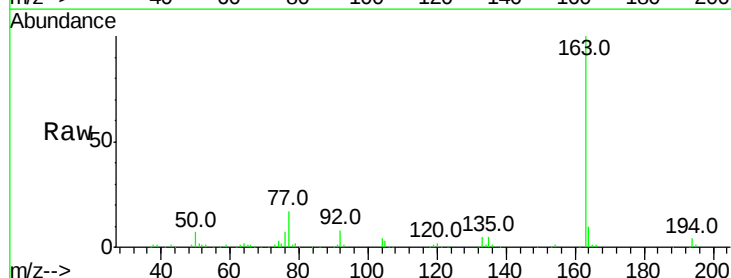
Tgt Ion:163 Resp: 141095

Ion Ratio Lower Upper

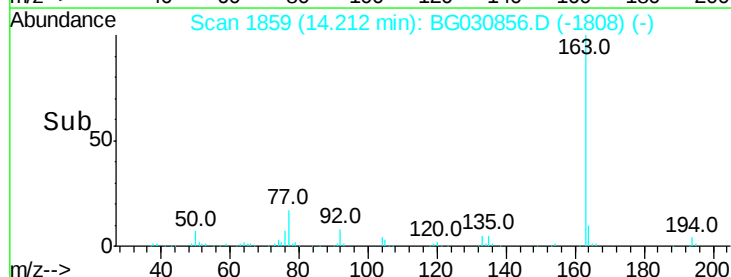
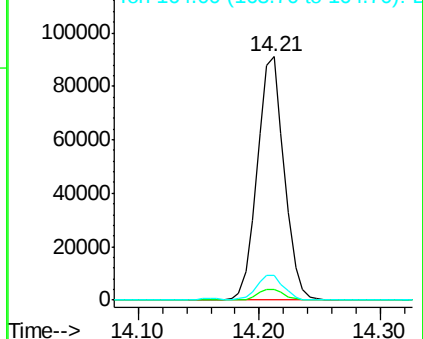
163 100

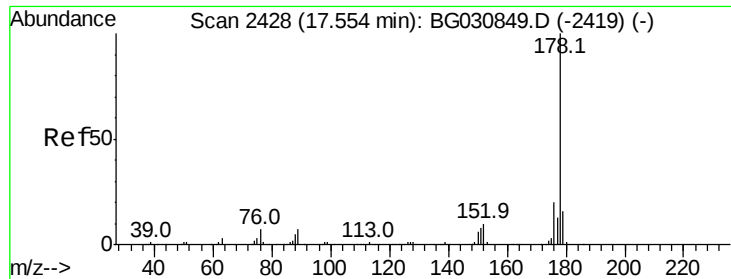
194 4.4 3.5 5.3

164 10.2 7.6 11.4



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: 4.727 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

Instrument :

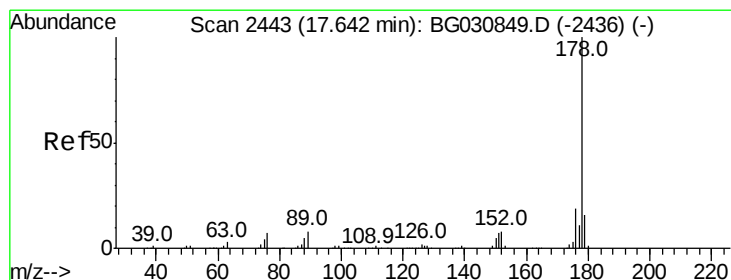
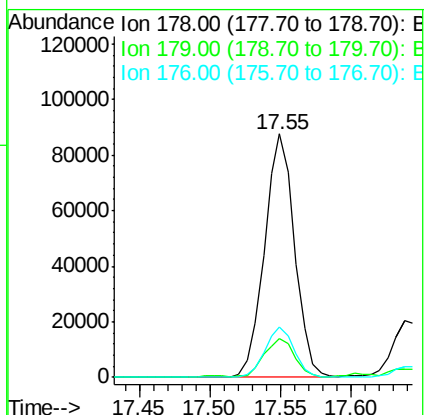
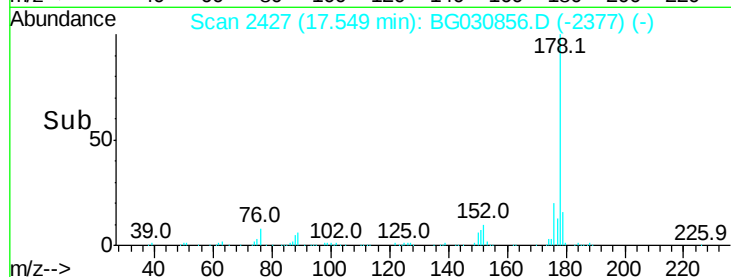
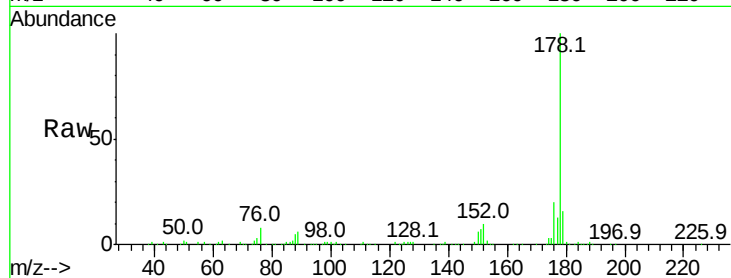
BNA_G

ClientSampleId :

B0EY6

Tot Ion:178 Resp: 131329

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	20.4	15.3	22.9



#71

Anthracene

Concen: 1.093 ng/ul

RT: 17.64 min Scan# 2442

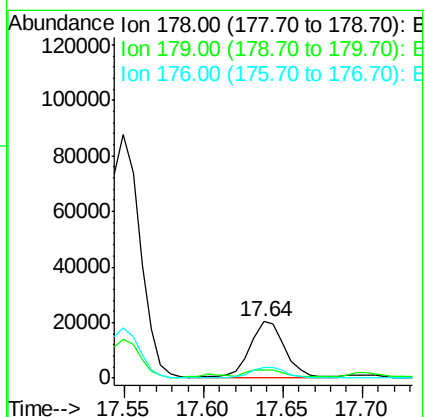
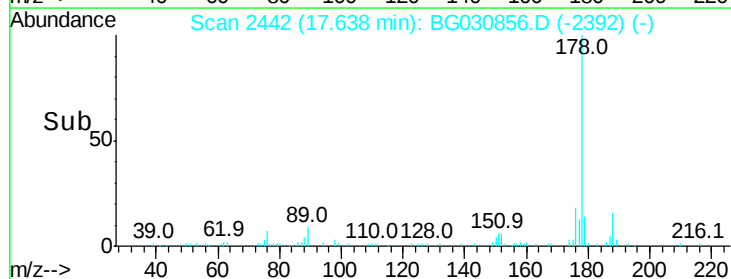
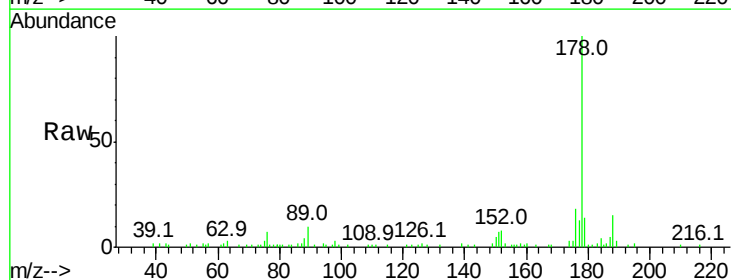
Delta R.T. -0.00 min

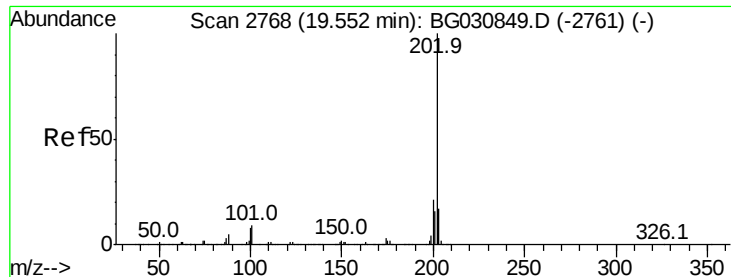
Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

Tgt Ion:178 Resp: 31322

Ion	Ratio	Lower	Upper
178	100		
179	14.3	13.2	19.8
176	18.3	16.0	24.0





#74

Fluoranthene

Concen: 14.132 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

Instrument :

BNA_G

ClientSampleId :

B0EY6

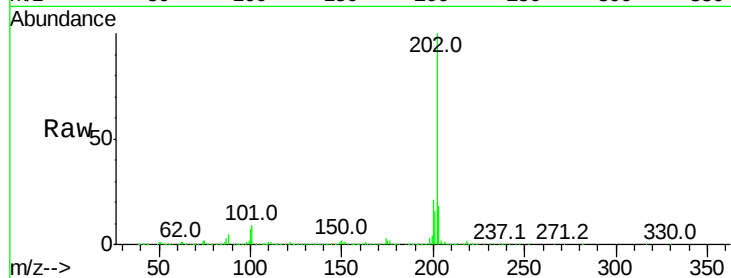
Tot Ion:202 Resp: 438813

Ion Ratio Lower Upper

202 100

101 9.4 7.4 11.2

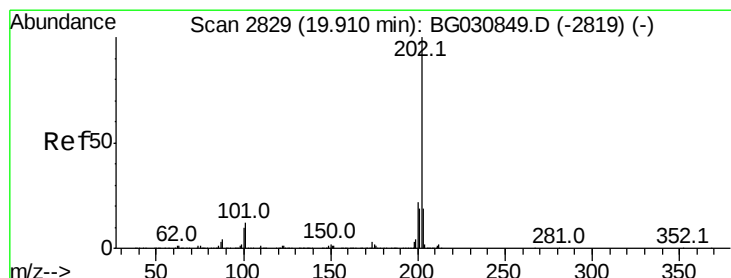
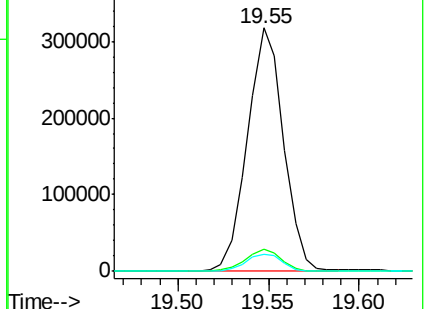
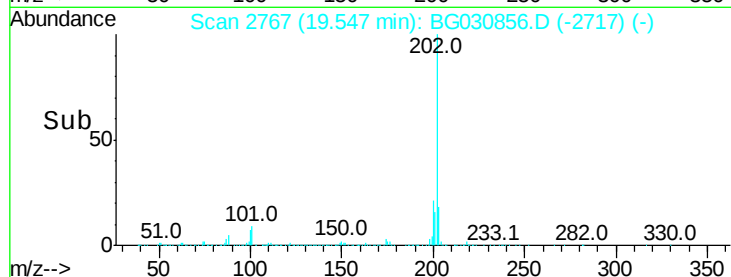
100 6.9 5.6 8.4



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: 10.709 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

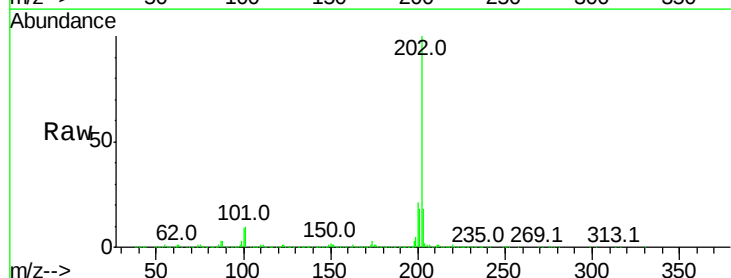
Tgt Ion:202 Resp: 401851

Ion Ratio Lower Upper

202 100

101 10.3 8.4 12.6

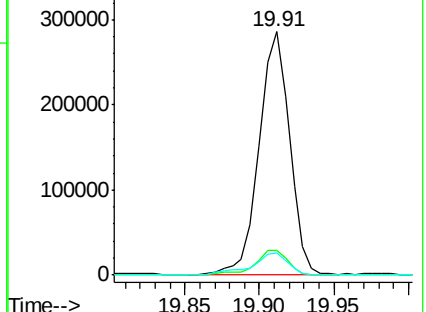
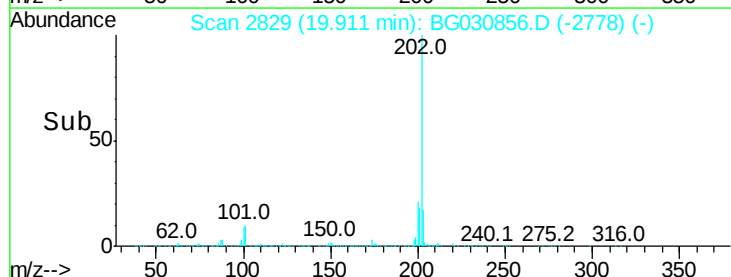
100 9.3 7.0 10.6

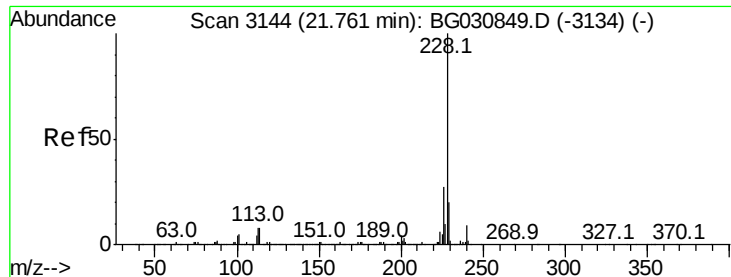


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

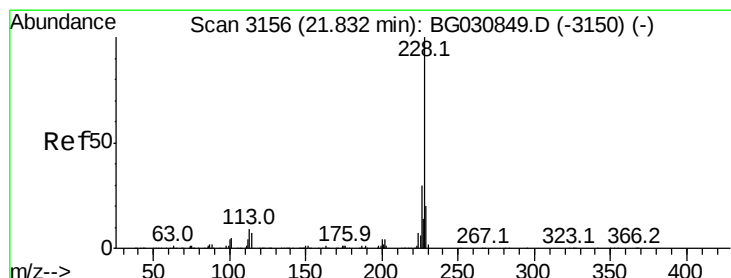
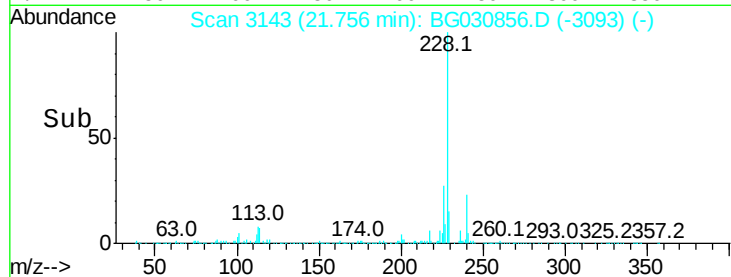
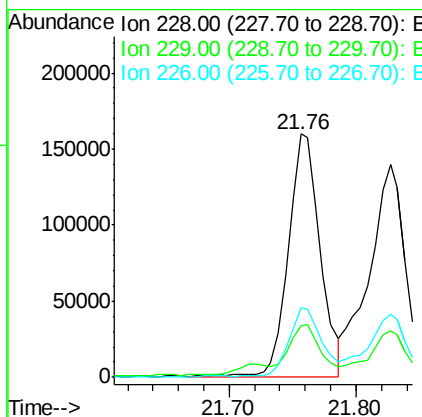
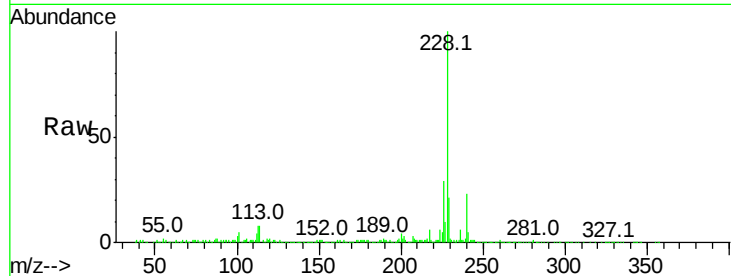




#80
Benzo(a)anthracene
Concen: 7.925 ng/ul
RT: 21.76 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG030856.D
Acq: 8 Nov 2017 21:36

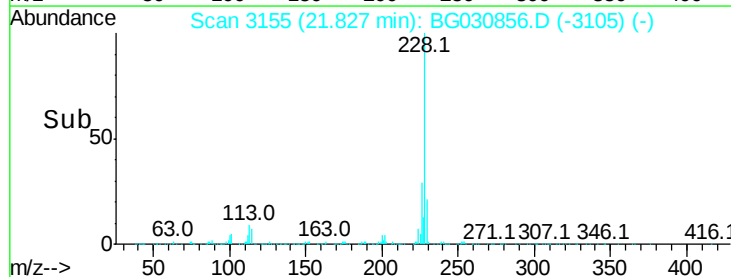
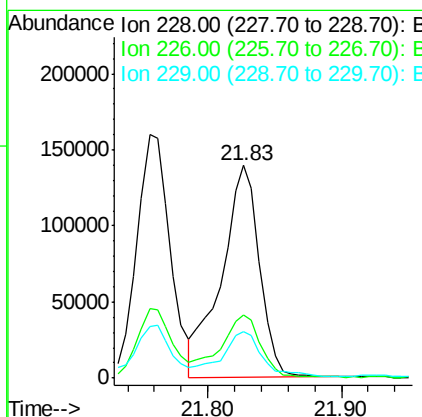
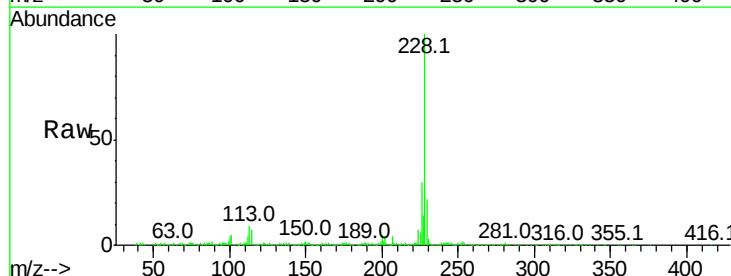
Instrument :
BNA_G
ClientSampleId :
B0EY6

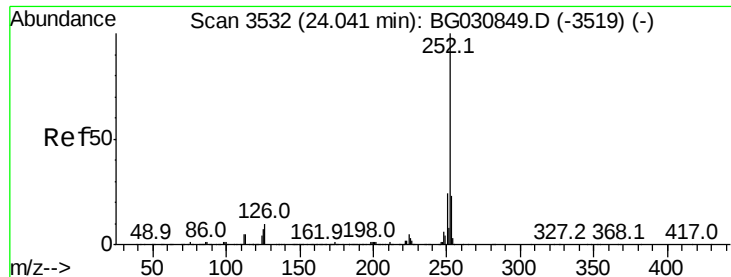
Tot Ion:228 Resp: 278070
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.4
226 28.6 22.2 33.2



#82
Chrysene
Concen: 8.644 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030856.D
Acq: 8 Nov 2017 21:36

Tgt Ion:228 Resp: 275589
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 21.8 15.2 22.8





#85

Benzo(b)fluoranthene

Concen: 10.811 ng/ul

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

Instrument :

BNA_G

ClientSampleId :

B0EY6

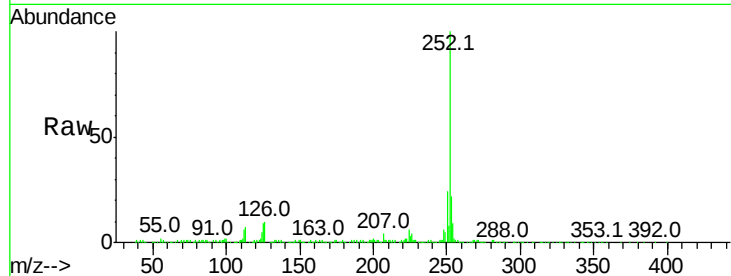
Tot Ion:252 Resp: 382908

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

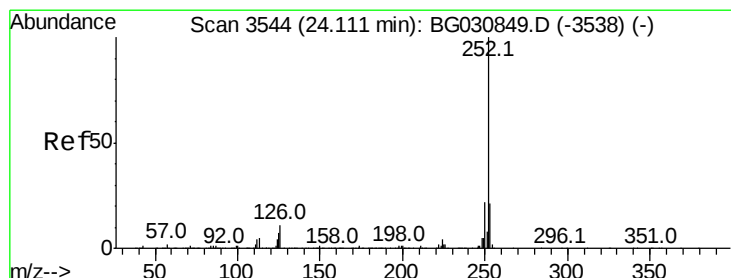
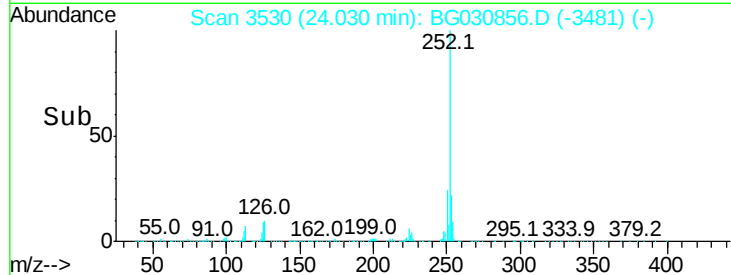
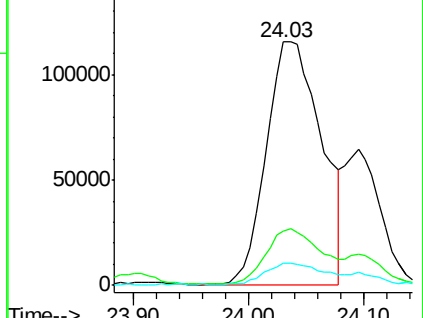
125 9.0 7.5 11.3



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: 3.452 ng/ul

RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

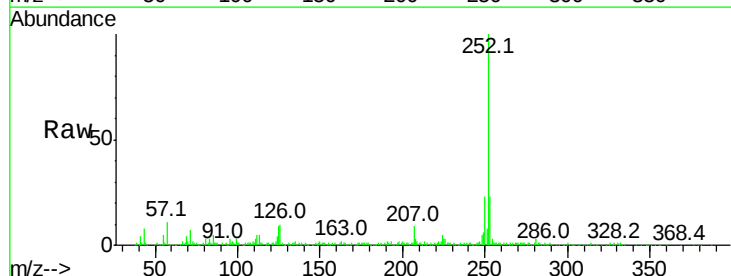
Tgt Ion:252 Resp: 118214

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

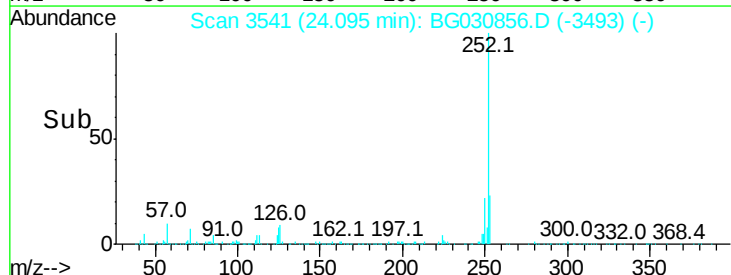
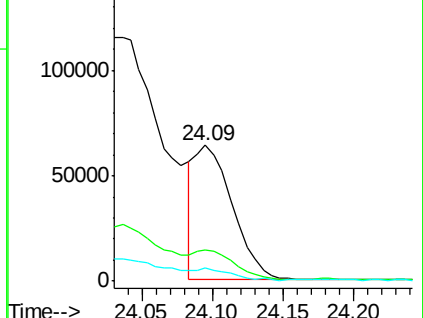
125 9.5 7.8 11.8

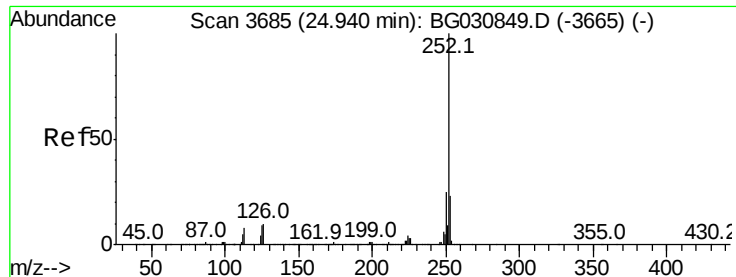


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 7.838 ng/ul

RT: 24.93 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

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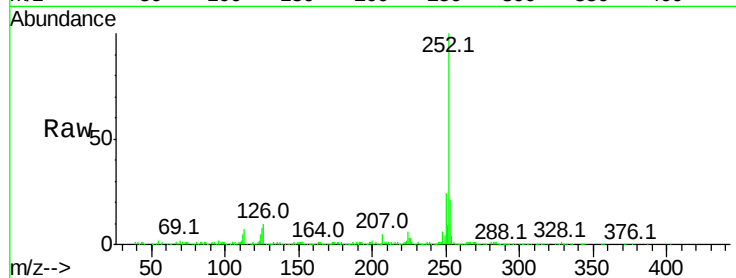
Tot Ion:252 Resp: 270231

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

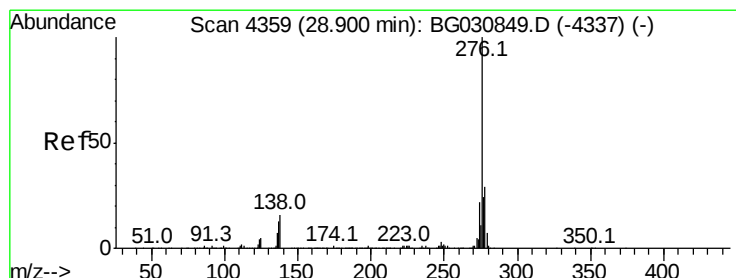
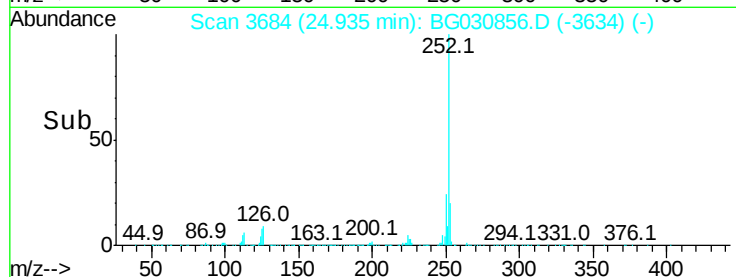
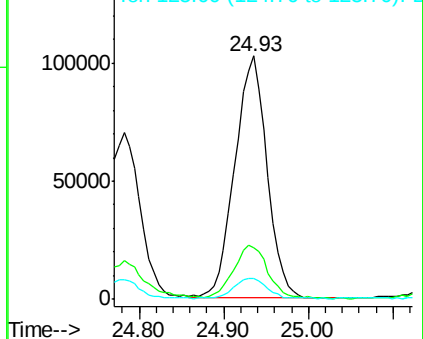
125 8.4 7.8 11.8



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: 5.302 ng/ul

RT: 28.87 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

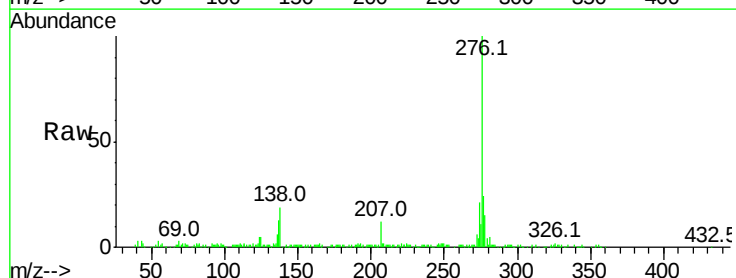
Tgt Ion:276 Resp: 206809

Ion Ratio Lower Upper

276 100

138 18.9 13.4 20.0

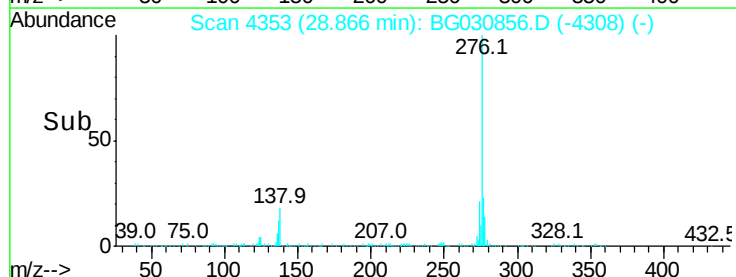
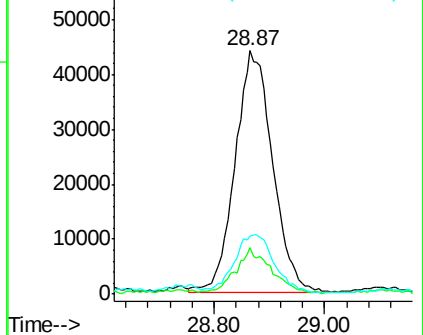
277 23.8 18.6 28.0

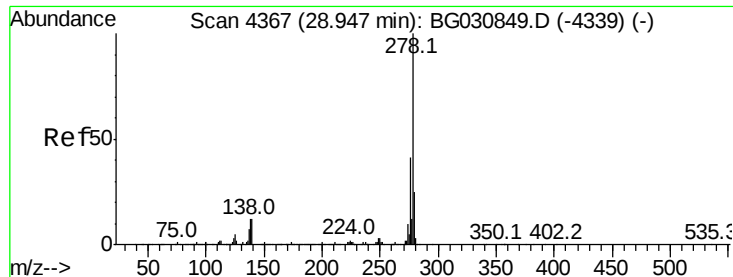


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.787 ng/ul

RT: 28.90 min Scan# 4359

Delta R.T. -0.05 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

Instrument :

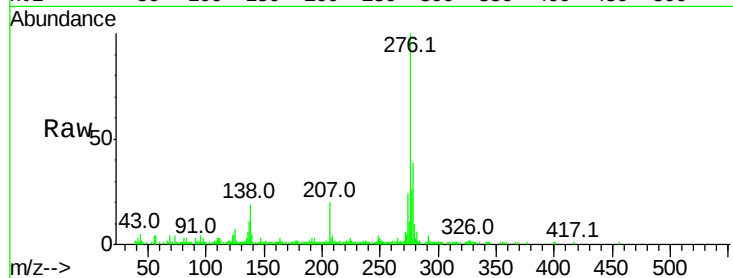
BNA_G

ClientSampleId :

B0EY6

Tot Ion:278 Resp: 57891

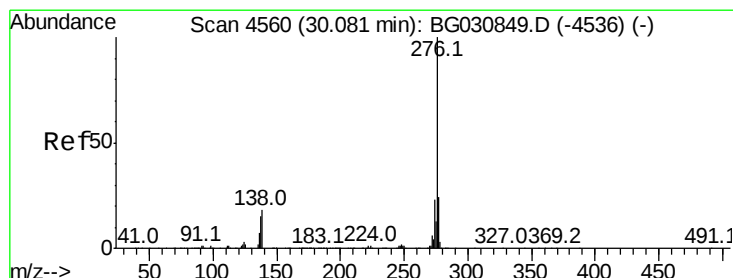
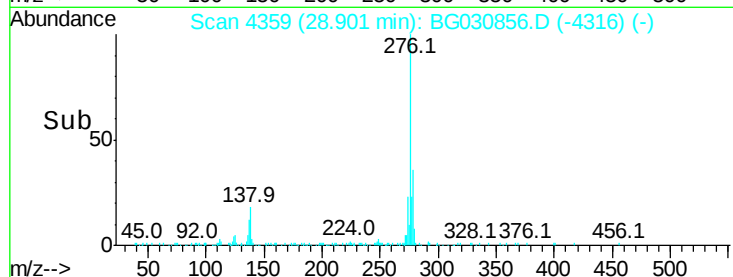
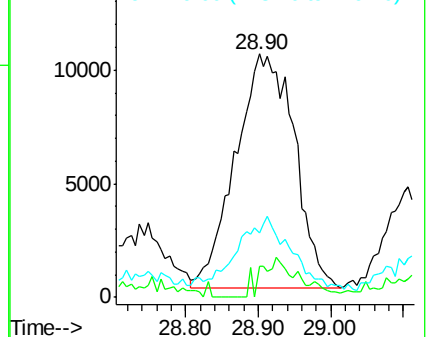
Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.4	14.2
279	26.7	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 5.371 ng/ul

RT: 30.05 min Scan# 4555

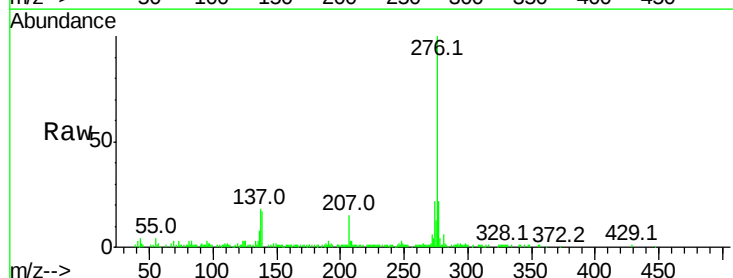
Delta R.T. -0.03 min

Lab File: BG030856.D

Acq: 8 Nov 2017 21:36

Tgt Ion:276 Resp: 173644

Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.1	18.1
277	21.8	17.7	26.5



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

