

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028435.D
 Acq On : 23 Aug 2017 2:37
 Operator : SJ/JU
 Sample : I4713-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC5

Quant Time: Aug 23 07:11:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	45619	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	218636	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	157913	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	442432	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	402187	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	400357	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	3602	3.68	ng/uL	0.00
5) Phenol-d5	7.50	99	101216	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	59089	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	73683	23.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	87845	20.98	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	38580	22.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	47797	25.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	95151	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75010	17.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	340889	24.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	389339	24.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	39704	17.78	ng/ul	0.00
57) Fluorene-d10	15.94	176	290143	23.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	46994	16.35	ng/ul	0.00
70) Anthracene-d10	17.80	188	442432	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	546699	26.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	520553	27.77	ng/ul	0.00

Target Compounds

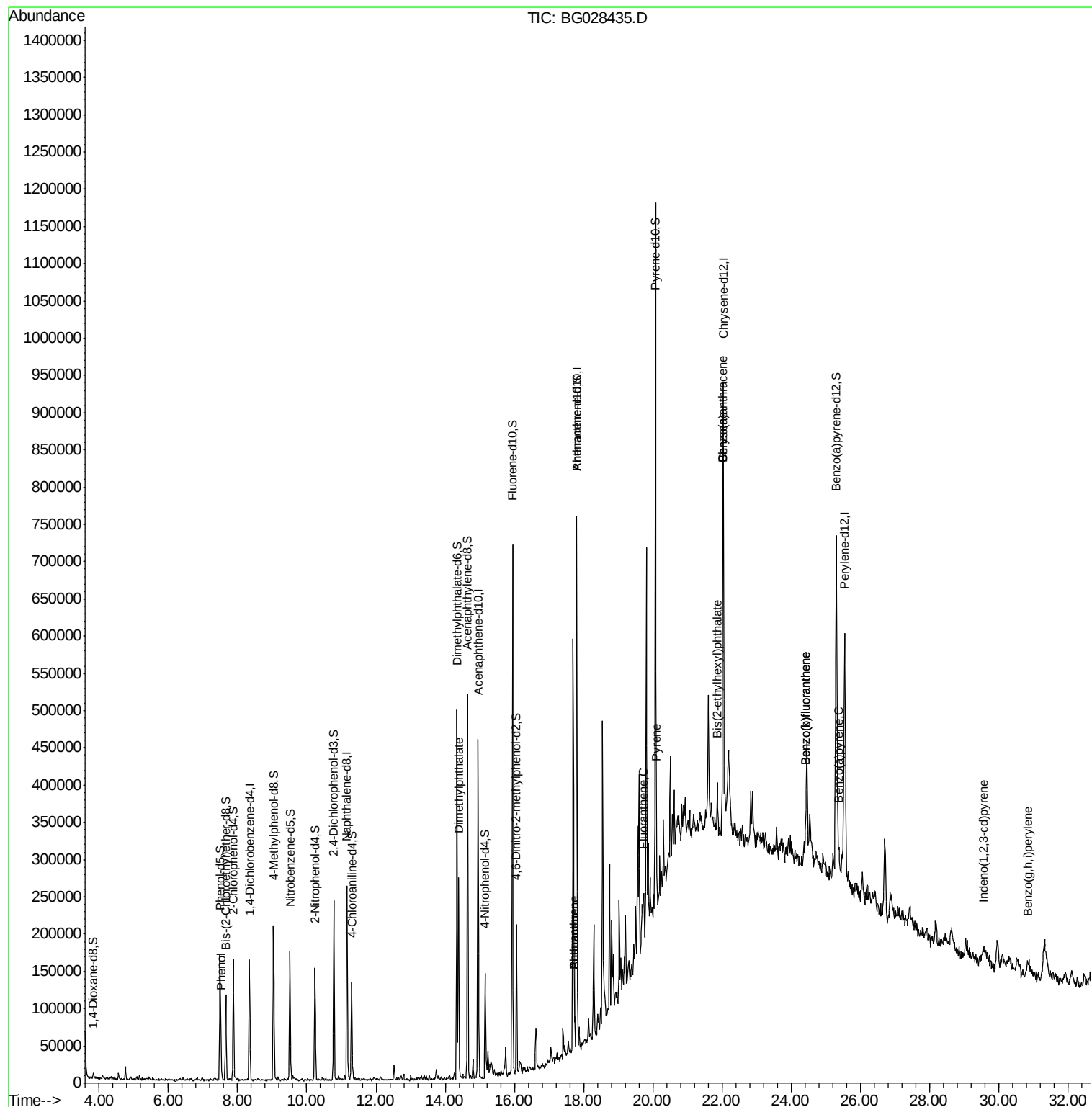
					Ovalue	
6) Phenol	7.52	94	11821	2.374	ng/ul	93
44) Dimethylphthalate	14.39	163	158181	12.232	ng/ul	98
69) Phenanthrene	17.74	178	25119	1.128	ng/ul	95
71) Anthracene	17.74	178	25119	1.104	ng/ul	96
74) Fluoranthene	19.75	202	37062	1.370	ng/ul	99
77) Pyrene	20.10	202	33352	1.390	ng/ul#	95
80) Benzo(a)anthracene	22.02	228	25782	1.109	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.87	149	26421	2.067	ng/ul#	91
82) Chrysene	22.02	228	25782	1.232	ng/ul	97
85) Benzo(b)fluoranthene	24.42	252	69194	2.888	ng/ul#	93
86) Benzo(k)fluoranthene	24.42	252	69194	2.957	ng/ul#	95
88) Benzo(a)pyrene	25.37	252	36633	1.579	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	29.57	276	41420	1.525	ng/ul#	91
91) Benzo(g,h,i)perylene	30.84	276	50737	2.270	ng/ul#	98

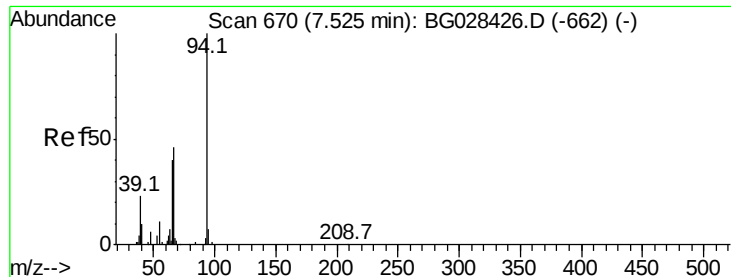
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.374 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

E7GC5

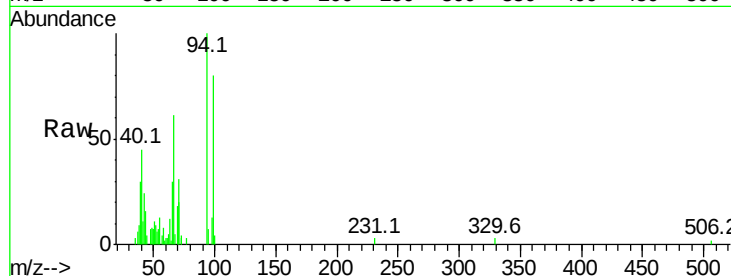
Tot Ion: 94 Resp: 11821

Ion Ratio Lower Upper

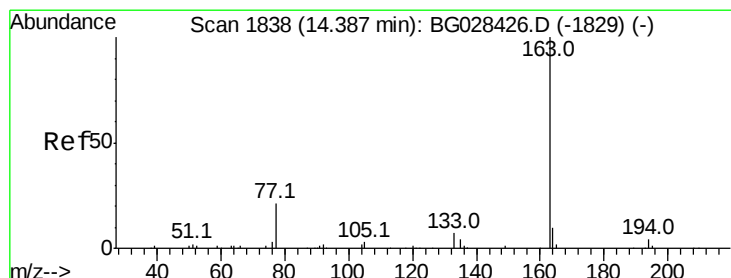
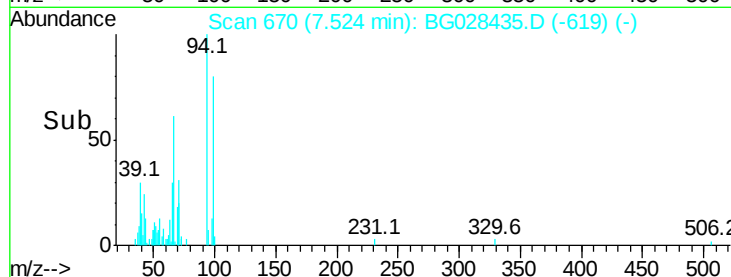
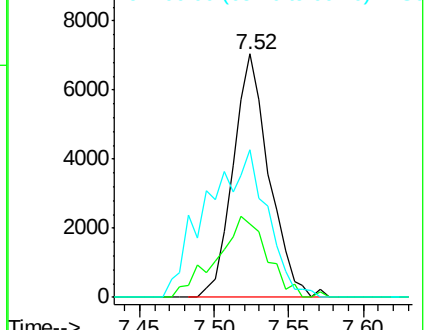
94 100

65 30.1 26.8 40.2

66 60.8 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: 12.232 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

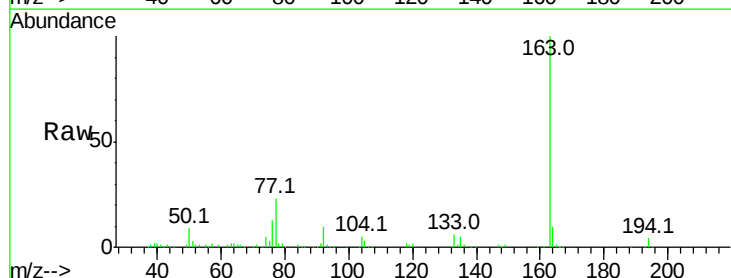
Tgt Ion: 163 Resp: 158181

Ion Ratio Lower Upper

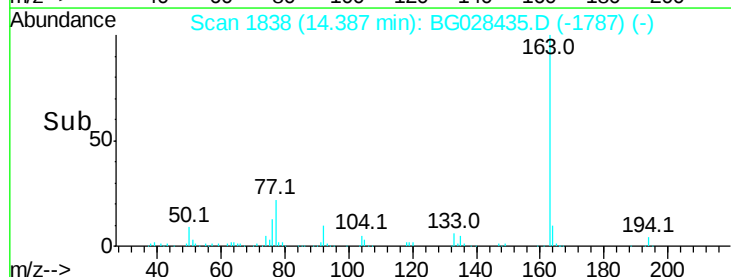
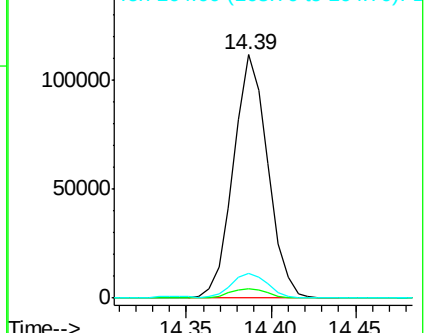
163 100

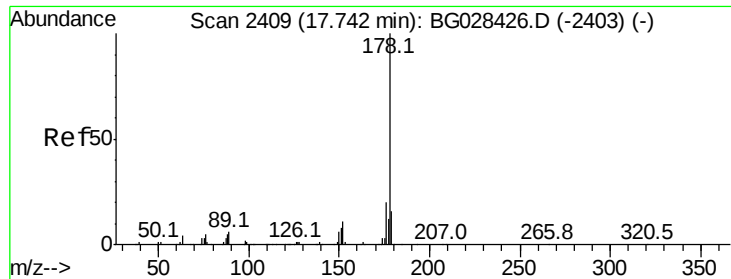
194 4.0 3.4 5.0

164 10.3 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: 1.128 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

E7GC5

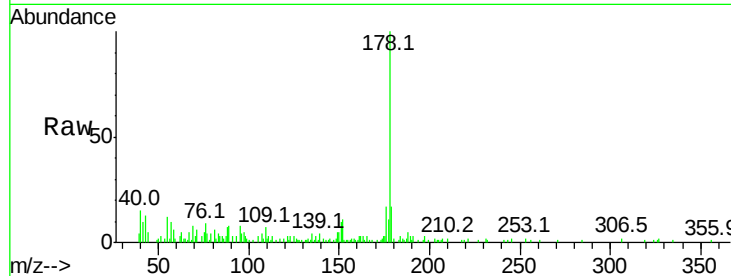
Tot Ion:178 Resp: 25119

Ion Ratio Lower Upper

178 100

179 16.8 12.4 18.6

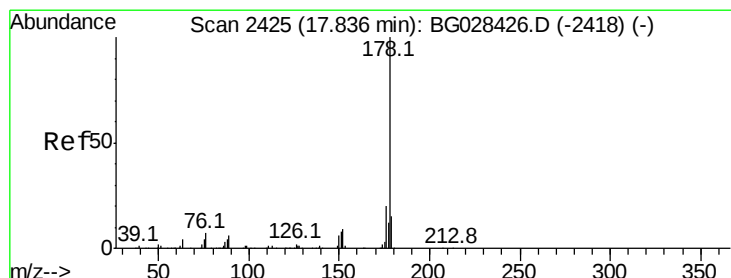
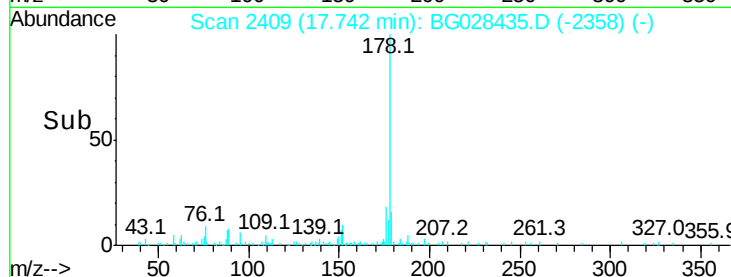
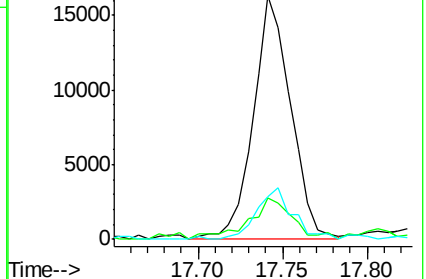
176 17.5 16.5 24.7



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: 1.104 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.09 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

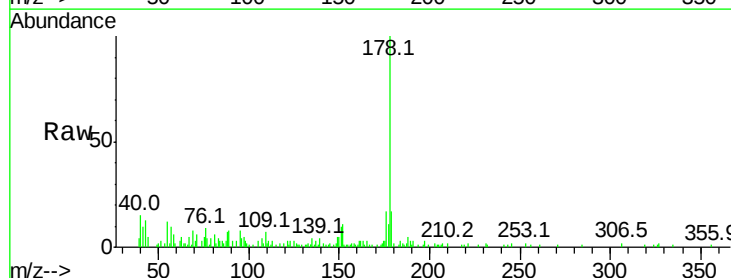
Tgt Ion:178 Resp: 25119

Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

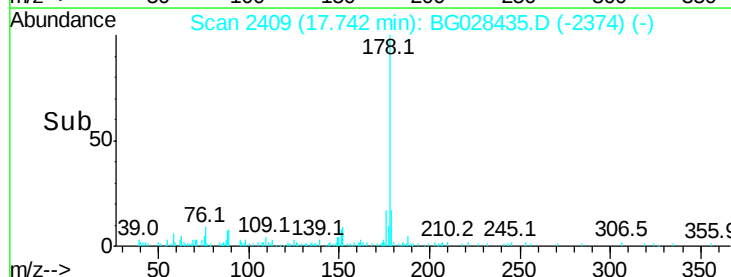
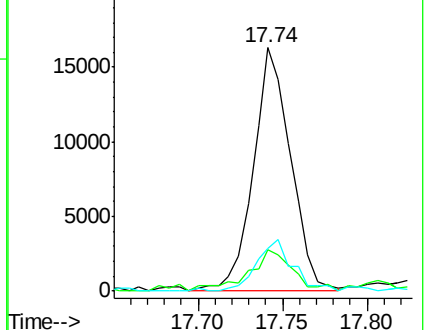
176 17.5 15.9 23.9

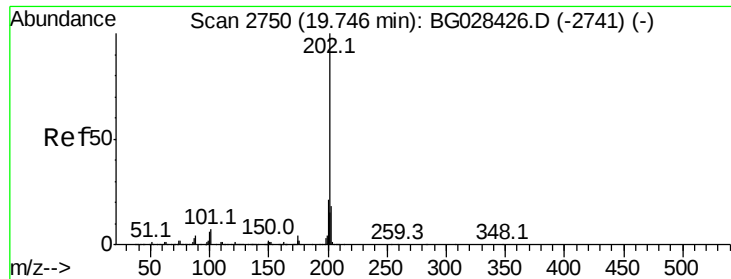


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.370 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

E7GC5

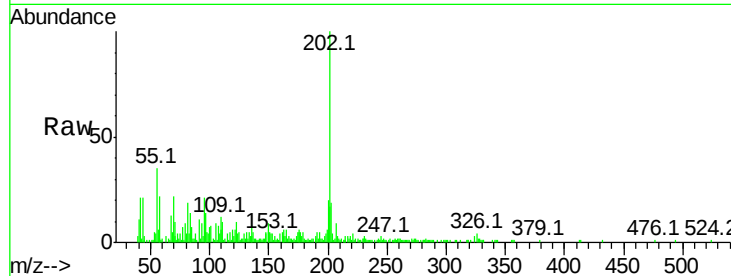
Tot Ion:202 Resp: 37062

Ion Ratio Lower Upper

202 100

101 8.1 6.2 9.2

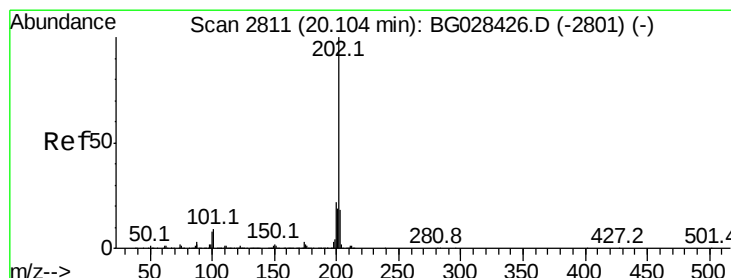
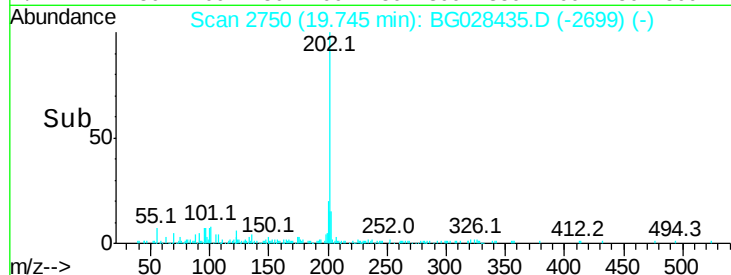
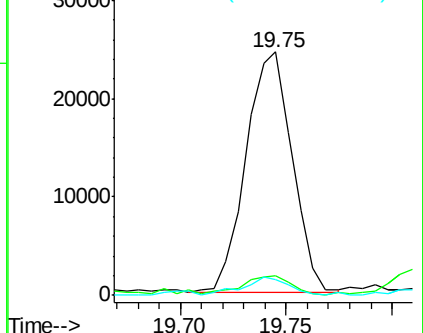
100 6.5 5.2 7.8



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

Pyrene

Concen: 1.390 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

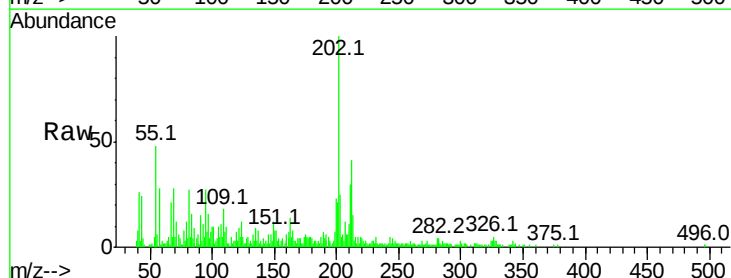
Tgt Ion:202 Resp: 33352

Ion Ratio Lower Upper

202 100

101 9.8 6.9 10.3

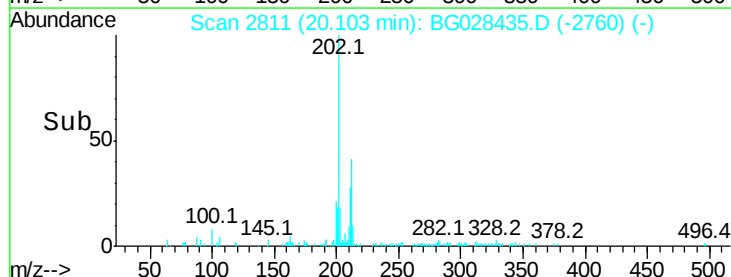
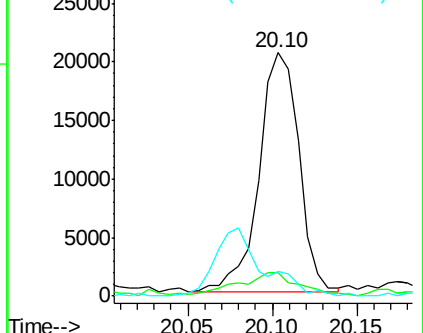
100 10.3 6.6 10.0#

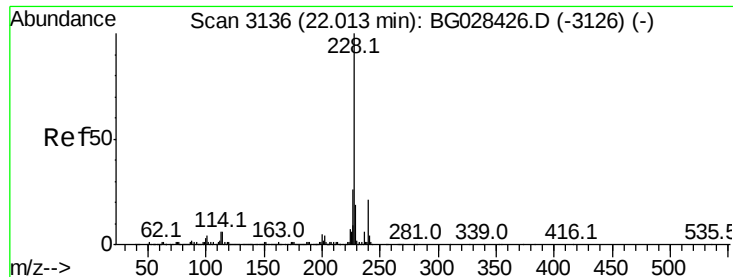


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.109 ng/ul

RT: 22.02 min Scan# 3137

Delta R.T. 0.01 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

E7GC5

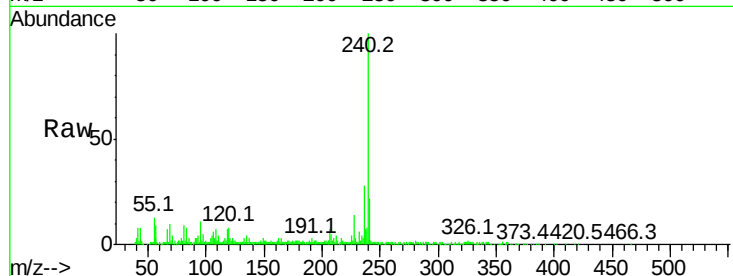
Tot Ion:228 Resp: 25782

Ion Ratio Lower Upper

228 100

229 23.4 16.3 24.5

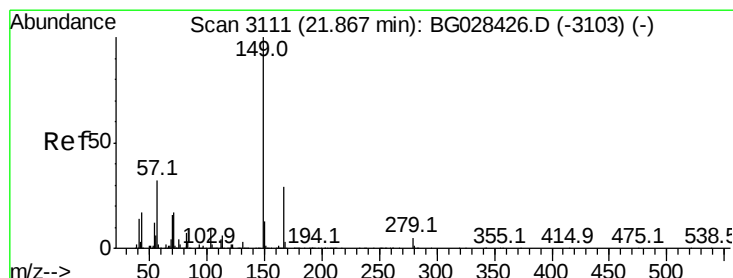
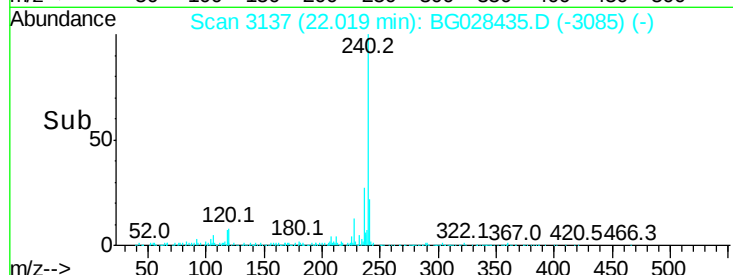
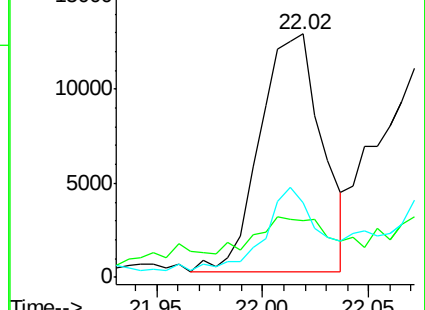
226 30.7 21.9 32.9



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: 2.067 ng/ul

RT: 21.87 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

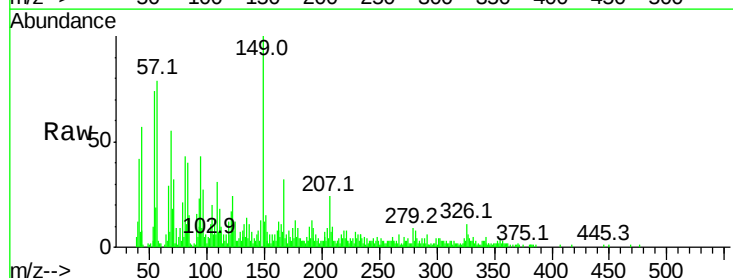
Tgt Ion:149 Resp: 26421

Ion Ratio Lower Upper

149 100

167 32.1 21.8 32.8

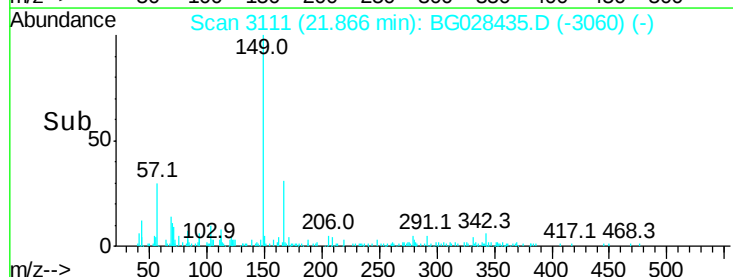
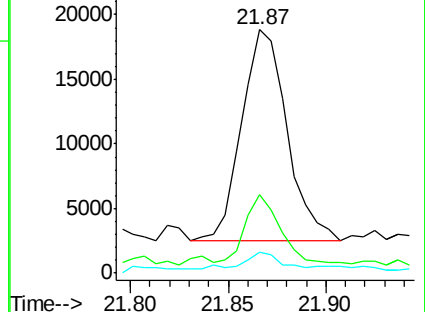
279 8.5 4.5 6.7#

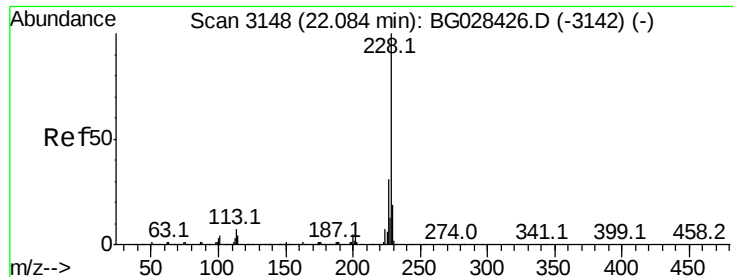


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.232 ng/ul

RT: 22.02 min Scan# 3137

Delta R.T. -0.07 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

E7GC5

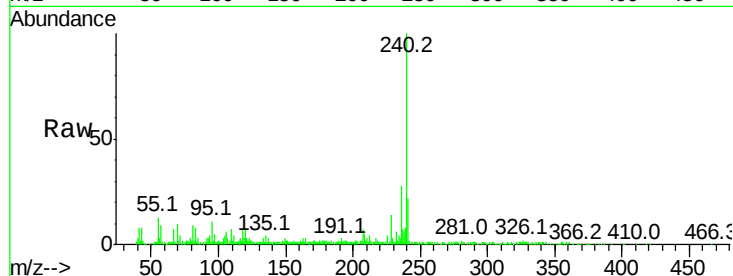
Tot Ion:228 Resp: 25782

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	23.4	16.9	25.3

228 100

226 30.7 24.0 36.0

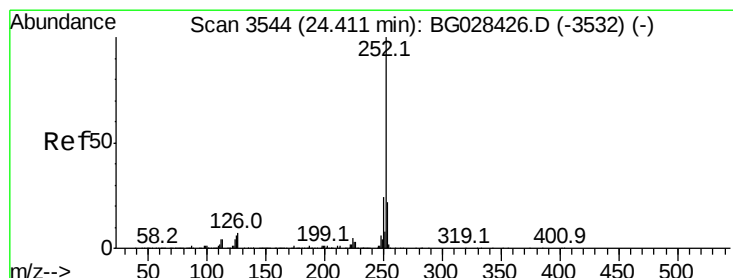
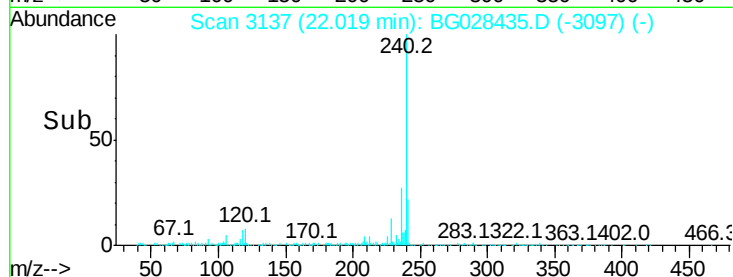
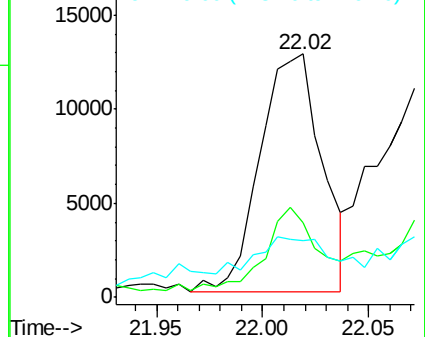
229 23.4 16.9 25.3



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: 2.888 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

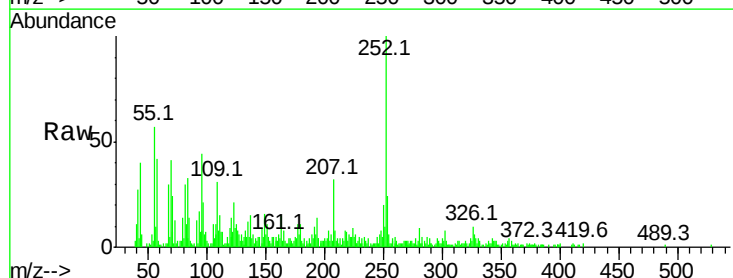
Tgt Ion:252 Resp: 69194

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	11.5	4.0	6.0

252 100

253 24.2 17.7 26.5

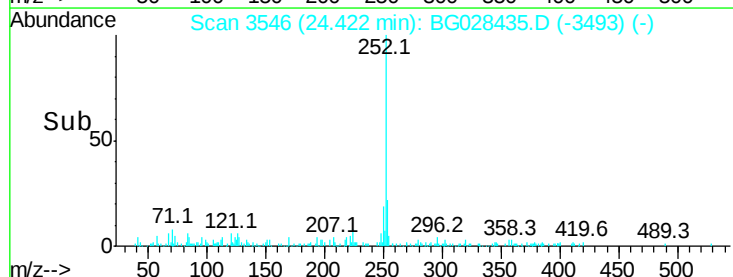
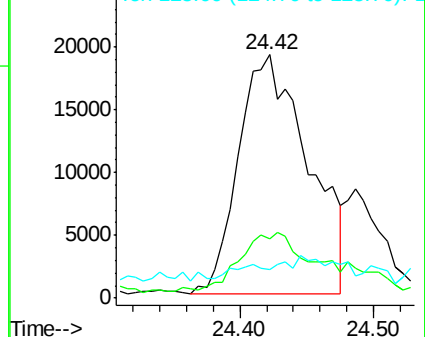
125 11.5 4.0 6.0

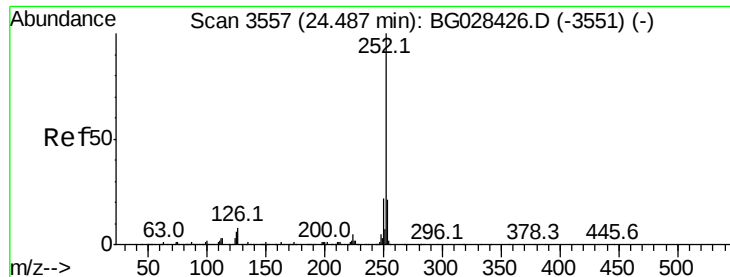


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.957 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. -0.07 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

ClientSampleId :

E7GC5

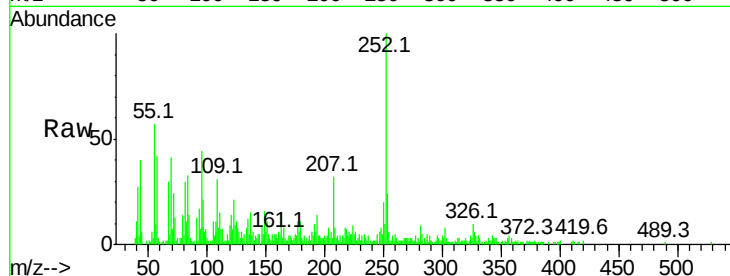
Tot Ion:252 Resp: 69194

Ion Ratio Lower Upper

252 100

253 24.2 18.5 27.7

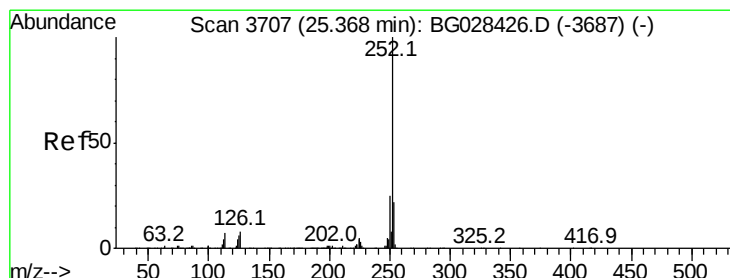
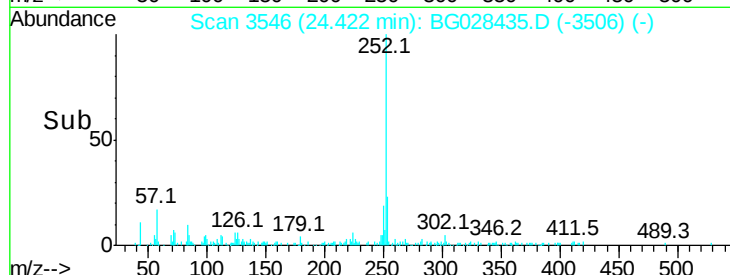
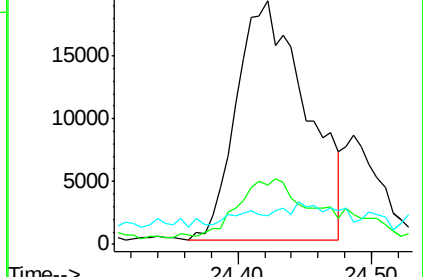
125 11.5 4.1 6.1#



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: 1.579 ng/ul

RT: 25.37 min Scan# 3708

Delta R.T. 0.01 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

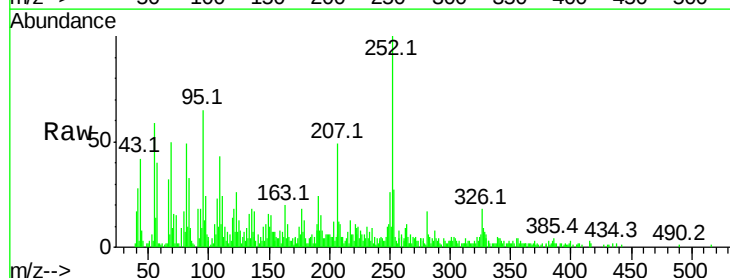
Tgt Ion:252 Resp: 36633

Ion Ratio Lower Upper

252 100

253 27.3 17.8 26.6#

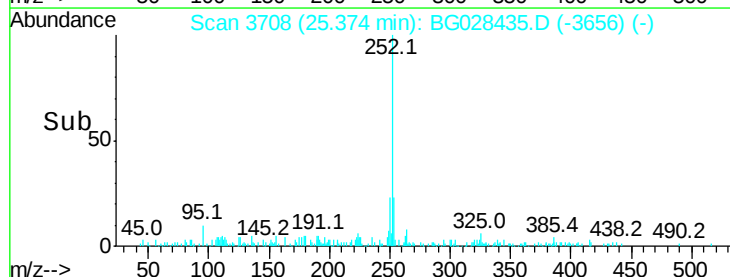
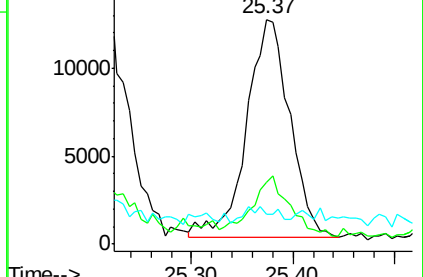
125 13.3 5.4 8.0#

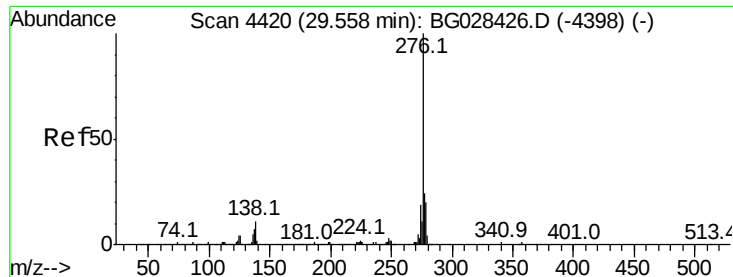


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



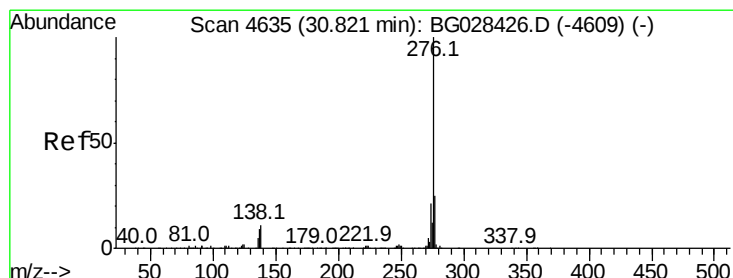
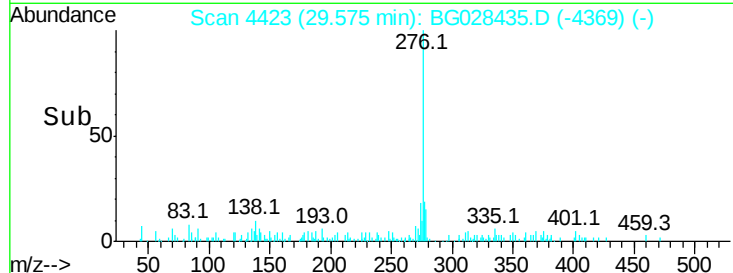
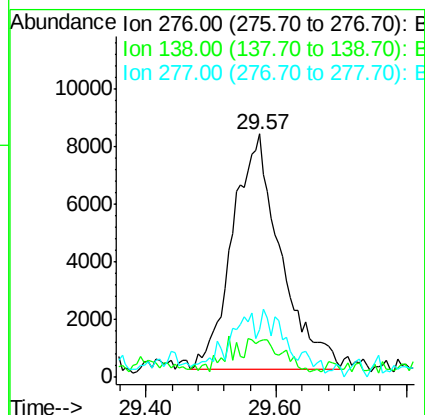
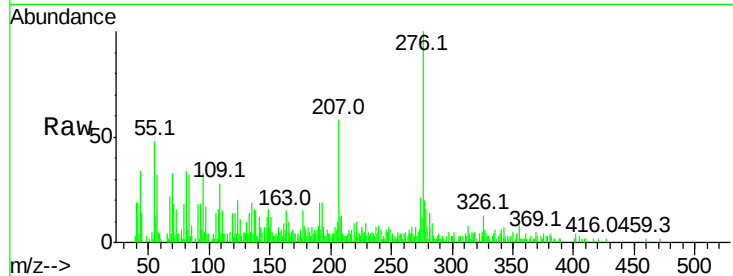


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.525 ng/ul
RT: 29.57 min Scan# 4423
Delta R.T. 0.02 min
Lab File: BG028435.D
Acq: 23 Aug 2017 2:37

Instrument :
BNA_G
ClientSampleId :
E7GC5

Tot Ion:276 Resp: 41420
Ion Ratio Lower Upper
276 100
138 14.9 8.2 12.4#
277 19.5 18.6 28.0



#91

Benzo(g,h,i)perylene
Concen: 2.270 ng/ul
RT: 30.84 min Scan# 4639
Delta R.T. 0.02 min
Lab File: BG028435.D
Acq: 23 Aug 2017 2:37

Tgt Ion:276 Resp: 50737
Ion Ratio Lower Upper
276 100
138 13.2 8.6 12.8#
277 22.1 17.6 26.4

