

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018157.D
 Acq On : 28 Jul 2015 21:33
 Operator : TP/UM
 Sample : G3030-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N3

Quant Time: Jul 29 02:03:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 29 01:59:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	54237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	248824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	153057	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.94	188	302705	20.00	ng/ul	0.01
78) Chrysene-d12	21.15	240	323330	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	340762	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2552	2.94	ng/uL	0.01
5) Phenol-d5	6.70	99	60743	14.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	29450	14.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	60936	16.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.23	113	50299	13.56	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	30867	15.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	35078	16.89	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	58203	16.10	ng/ul	0.01
29) 4-Chloroaniline-d4	10.44	131	58393	13.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	167406	15.58	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	178572	13.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	20499	9.07	ng/ul	0.01
58) Fluorene-d10	15.19	176	119350	12.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	5558	2.87	ng/ul	0.01
71) Anthracene-d10	17.04	188	157663	12.03	ng/ul	0.00
79) Pyrene-d10	19.35	212	146626	9.90	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.20	264	148295	9.12	ng/ul	0.00

Target Compounds

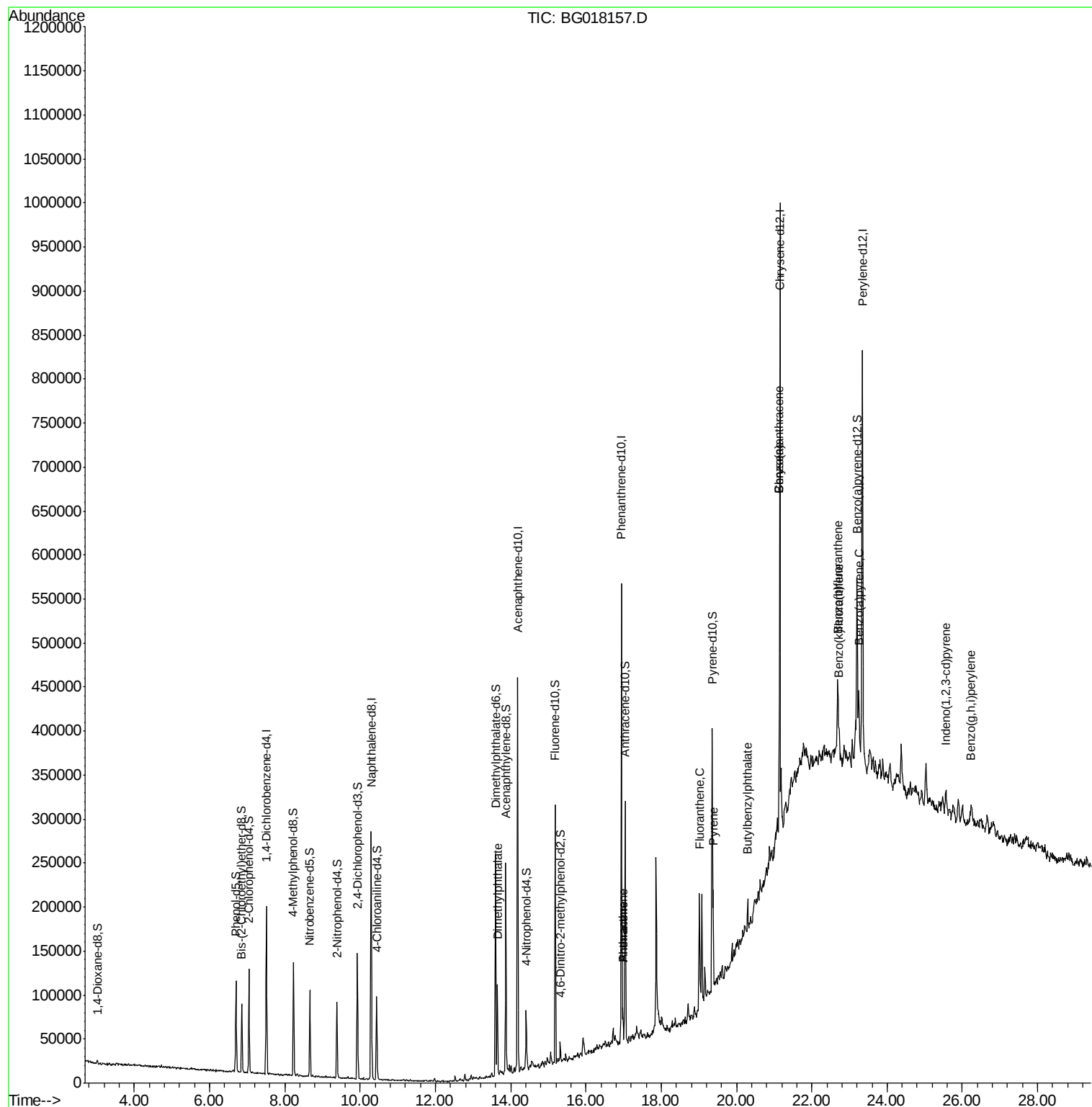
						Qvalue
45) Dimethylphthalate	13.65	163	64239	5.94	ng/ul	98
70) Phenanthrene	16.98	178	23752	1.56	ng/ul	98
72) Anthracene	16.98	178	23494	1.52	ng/ul	98
77) Fluoranthene	19.01	202	75332	4.65	ng/ul	95
80) Pyrene	19.38	202	66927	3.61	ng/ul	98
81) Butylbenzylphthalate	20.30	149	12211	1.61	ng/ul	92
83) Benzo(a)anthracene	21.13	228	36356	2.13	ng/ul	94
85) Chrysene	21.13	228	37650	2.34	ng/ul	95
88) Benzo(b)fluoranthene	22.69	252	62429	3.34	ng/ul#	94
89) Benzo(k)fluoranthene	22.73	252	21286	1.18	ng/ul#	81
91) Benzo(a)pyrene	23.25	252	36990	2.05	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.56	276	27405	1.31	ng/ul	95
94) Benzo(g,h,i)perylene	26.24	276	23965	1.39	ng/ul	91

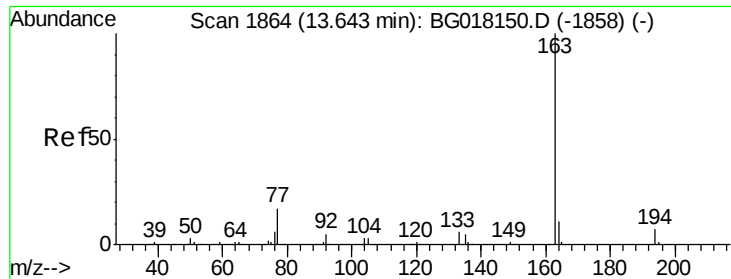
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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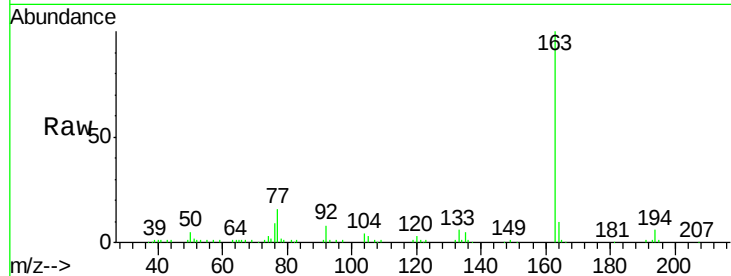




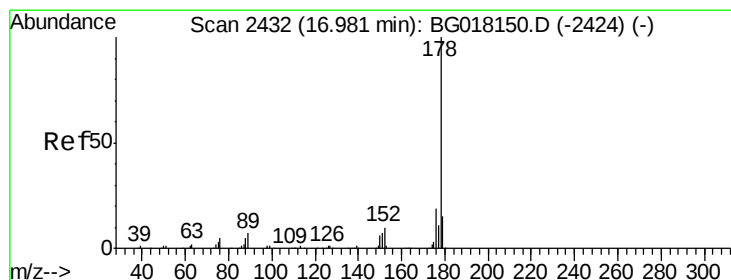
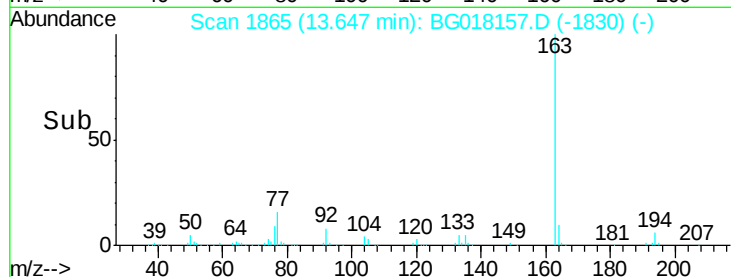
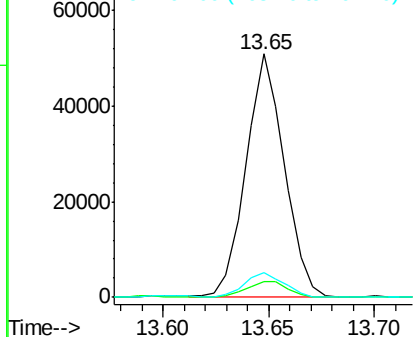
#45
Dimethylphthalate
Concen: 5.94 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Instrument :
BNA_G
ClientSampleId :
C01N3

Tgt Ion:163 Resp: 64239
Ion Ratio Lower Upper
163 100
194 6.4 5.4 8.2
164 10.0 8.7 13.1

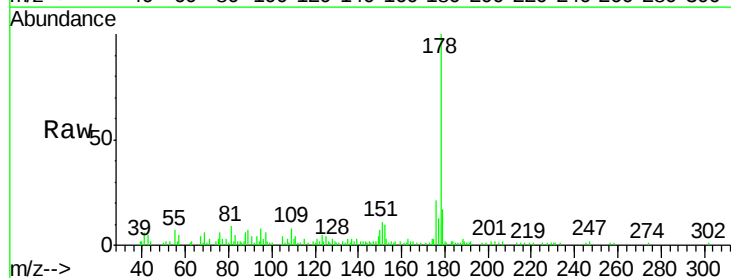


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

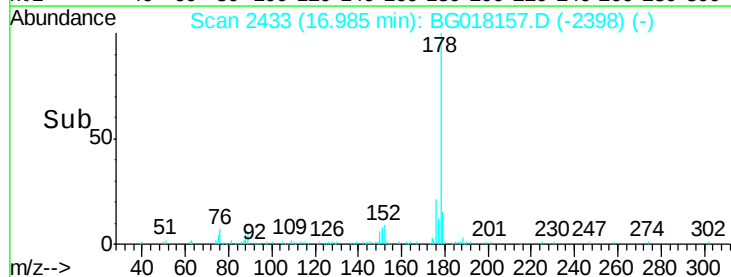
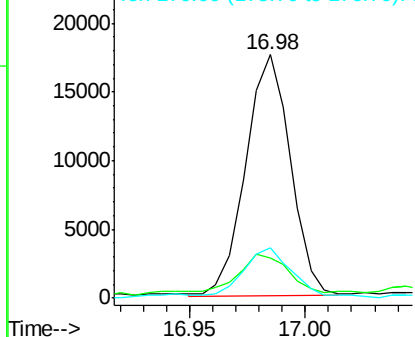


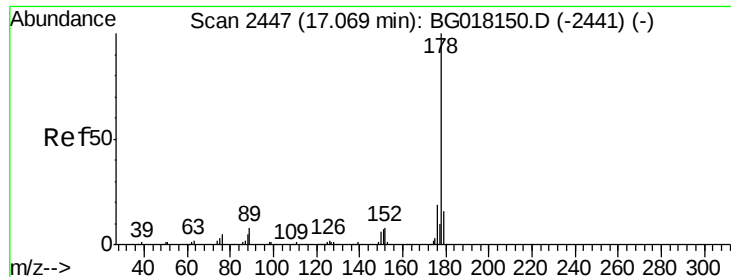
#70
Phenanthrene
Concen: 1.56 ng/ul
RT: 16.98 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Tgt Ion:178 Resp: 23752
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.9 15.8 23.8



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





#72

Anthracene

Concen: 1.52 ng/ul

RT: 16.98 min Scan# 2433

Delta R.T. -0.08 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

Instrument :

BNA_G

ClientSampleId :

C01N3

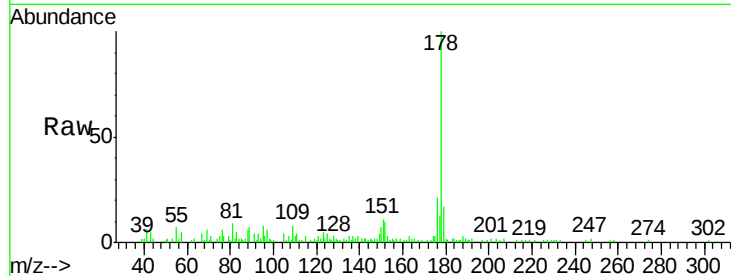
Tgt Ion:178 Resp: 23494

Ion Ratio Lower Upper

178 100

179 16.5 12.4 18.6

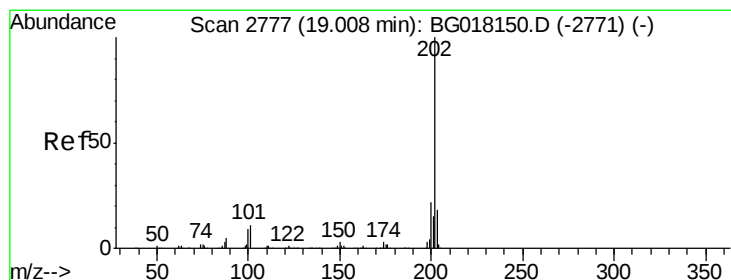
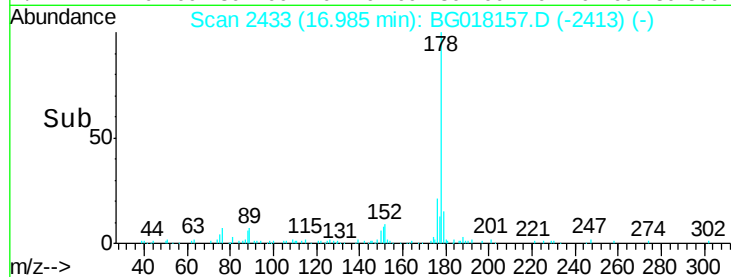
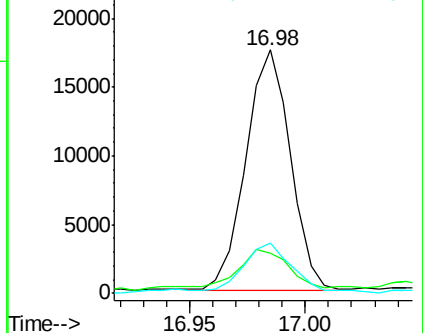
176 20.9 15.8 23.8



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



#77

Fluoranthene

Concen: 4.65 ng/ul

RT: 19.01 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

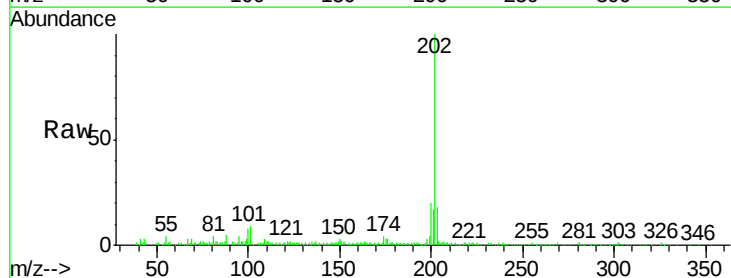
Tgt Ion:202 Resp: 75332

Ion Ratio Lower Upper

202 100

101 9.3 9.1 13.7

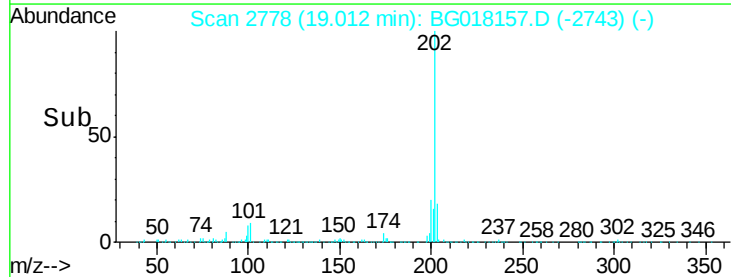
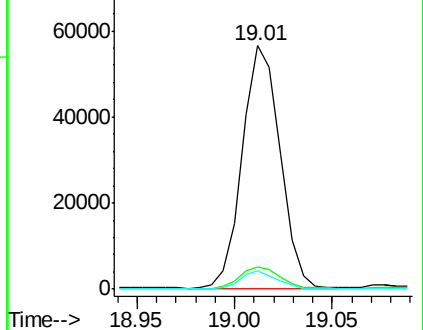
100 7.6 7.5 11.3

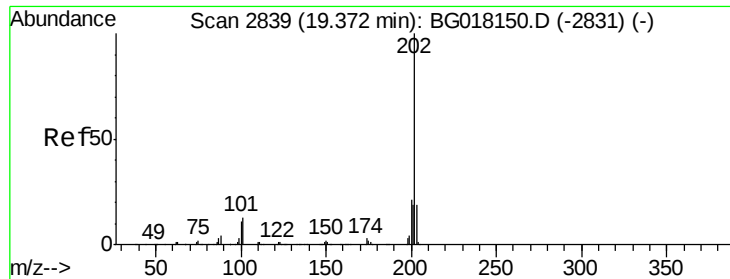


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

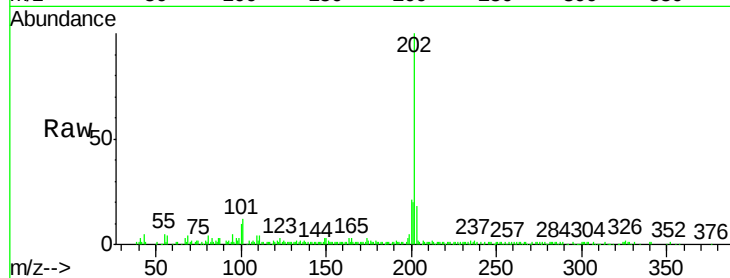




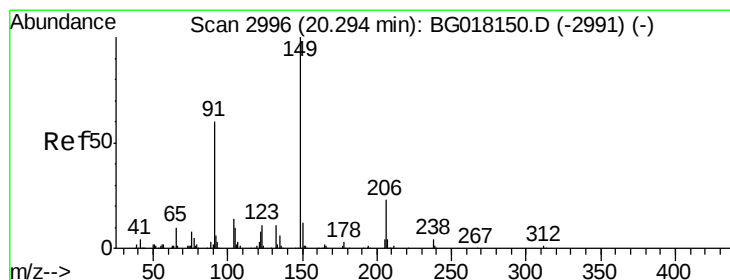
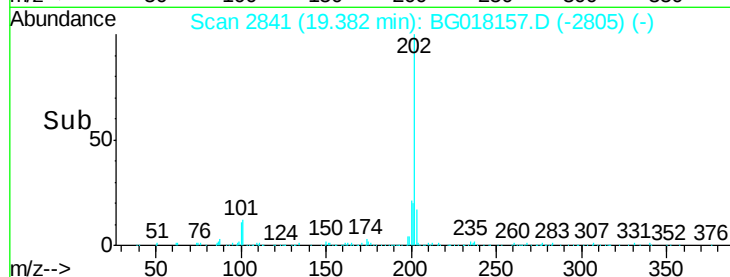
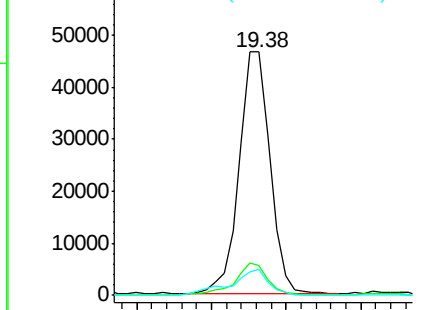
#80
Pyrene
Concen: 3.61 ng/ul
RT: 19.38 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Instrument :
BNA_G
ClientSampleId :
C01N3

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.9	16.3
100	10.5	8.5	12.7

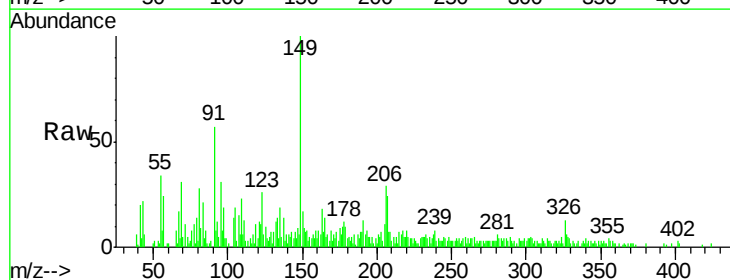


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

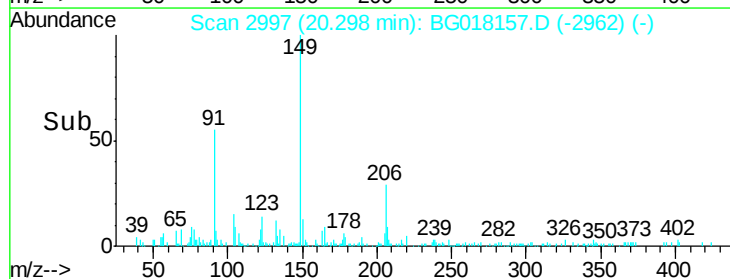
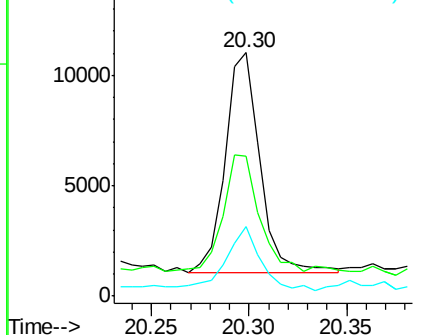


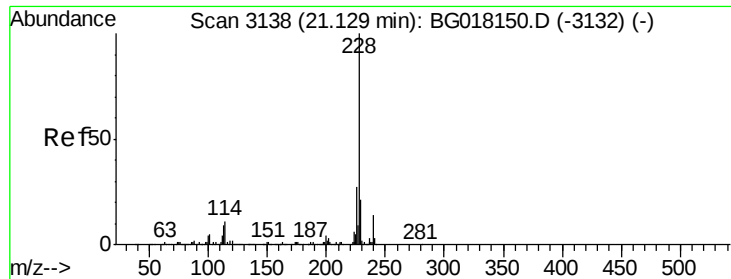
#81
Butylbenzylphthalate
Concen: 1.61 ng/ul
RT: 20.30 min Scan# 2997
Delta R.T. 0.00 min
Lab File: BG018157.D
Acq: 28 Jul 2015 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.3	51.1	76.7
206	28.6	19.9	29.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 2.13 ng/ul

RT: 21.13 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

Instrument :

BNA_G

ClientSampleId :

C01N3

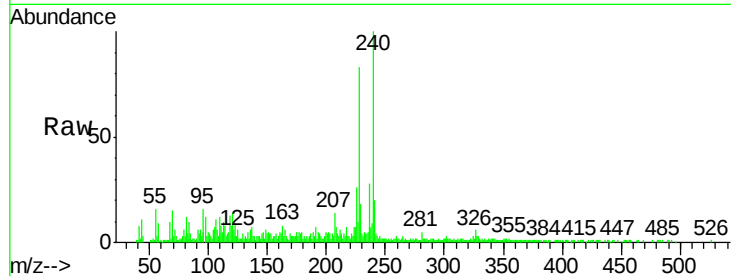
Tgt Ion:228 Resp: 36356

Ion Ratio Lower Upper

228 100

229 21.8 16.6 24.8

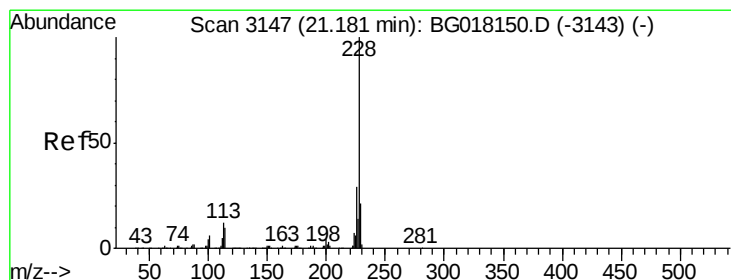
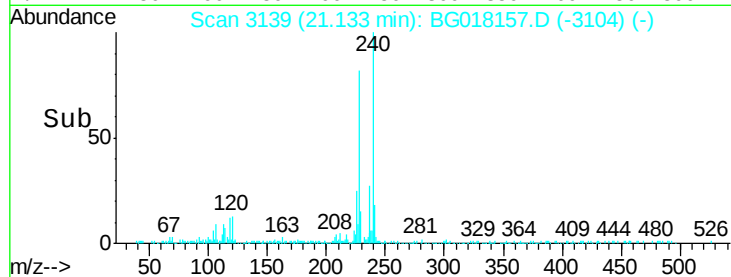
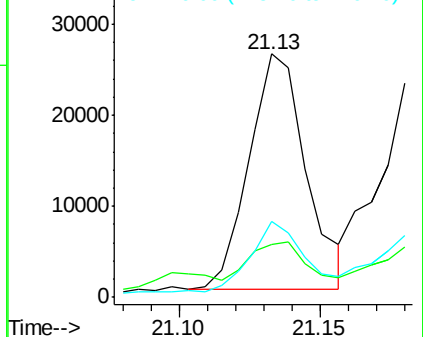
226 31.1 21.1 31.7



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



#85

Chrysene

Concen: 2.34 ng/ul

RT: 21.13 min Scan# 3139

Delta R.T. -0.05 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

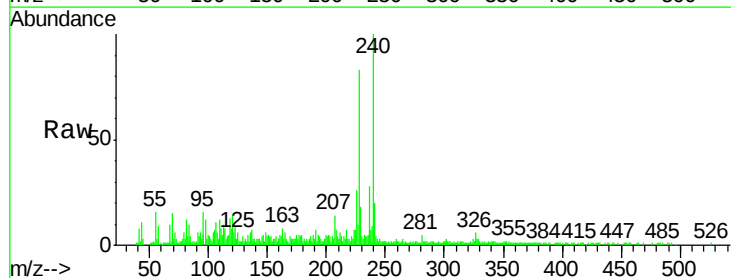
Tgt Ion:228 Resp: 37650

Ion Ratio Lower Upper

228 100

226 31.1 22.9 34.3

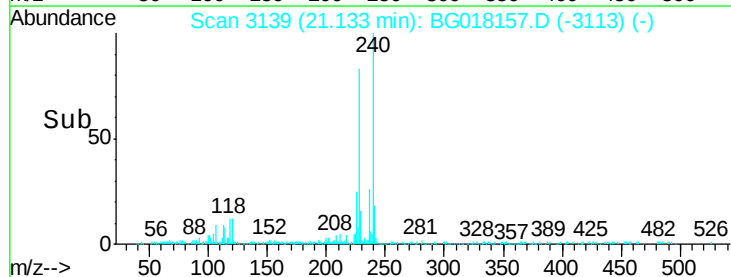
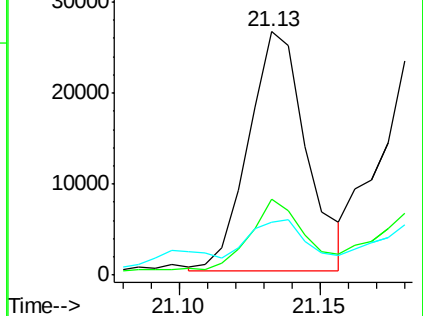
229 21.8 15.6 23.4

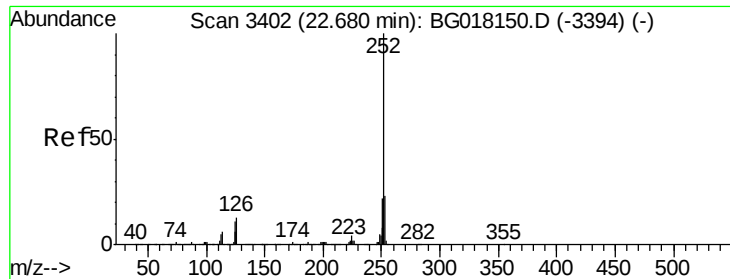


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.34 ng/ul

RT: 22.69 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

Instrument :

BNA_G

ClientSampleId :

C01N3

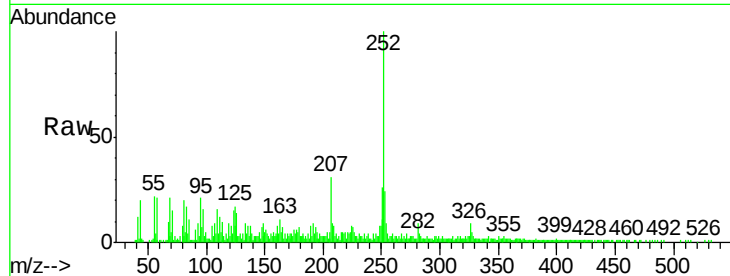
Tgt Ion:252 Resp: 62429

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

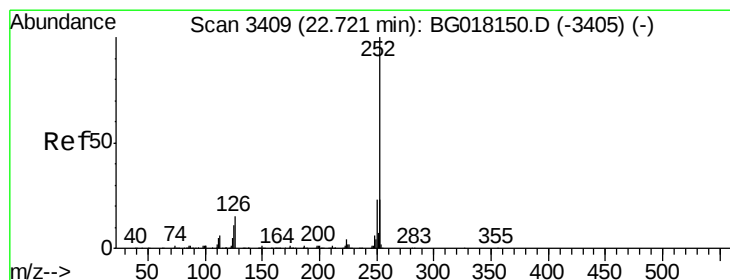
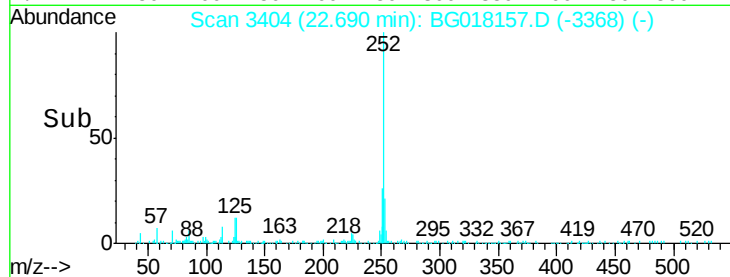
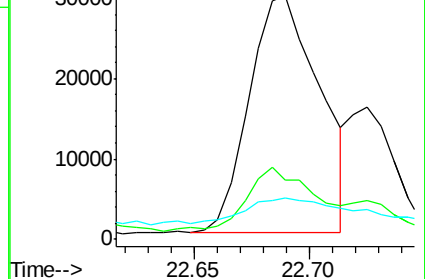
125 17.0 9.1 13.7#



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

Benzo(k)fluoranthene

Concen: 1.18 ng/ul

RT: 22.73 min Scan# 3410

Delta R.T. 0.00 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

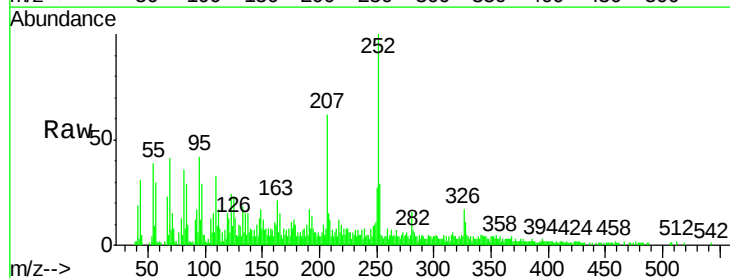
Tgt Ion:252 Resp: 21286

Ion Ratio Lower Upper

252 100

253 29.1 17.8 26.8#

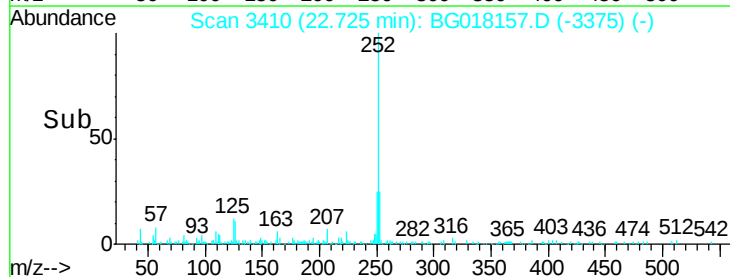
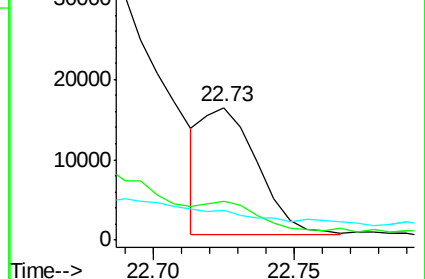
125 22.9 9.3 13.9#

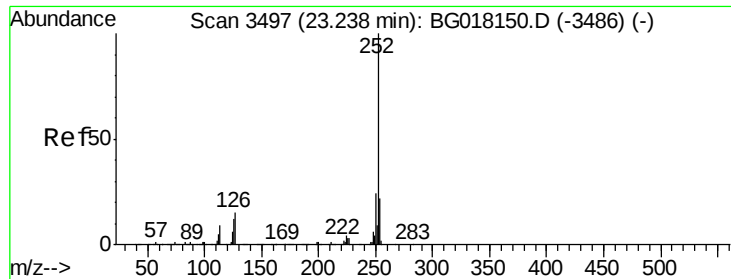


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.05 ng/ul

RT: 23.25 min Scan# 3499

Delta R.T. 0.01 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

Instrument :

BNA_G

ClientSampled :

C01N3

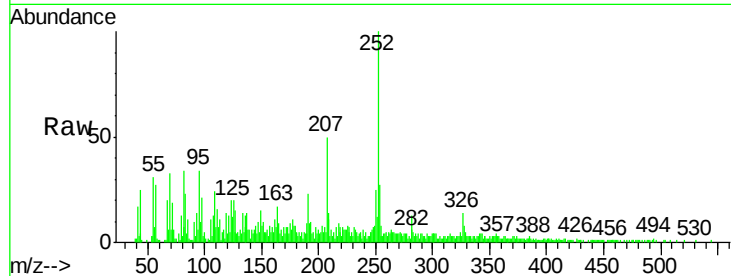
Tgt Ion:252 Resp: 36990

Ion Ratio Lower Upper

252 100

253 27.2 18.0 27.0#

125 19.7 10.2 15.2#



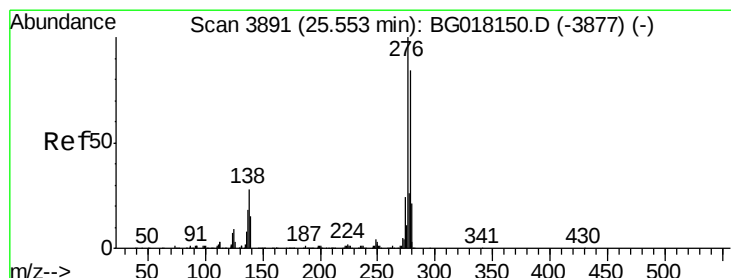
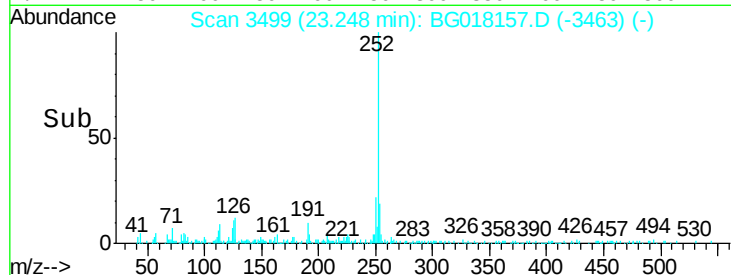
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.25

Time-->



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.31 ng/ul

RT: 25.56 min Scan# 3893

Delta R.T. 0.01 min

Lab File: BG018157.D

Acq: 28 Jul 2015 21:33

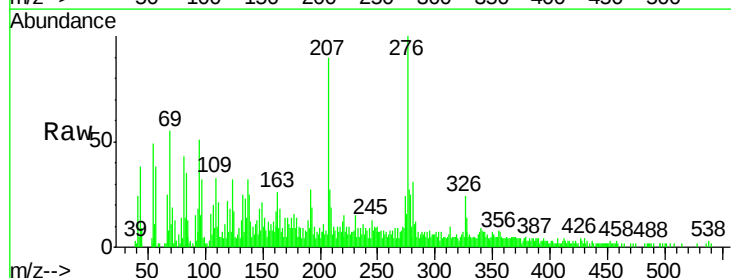
Tgt Ion:276 Resp: 27405

Ion Ratio Lower Upper

276 100

138 24.7 22.6 33.8

277 26.8 19.8 29.8



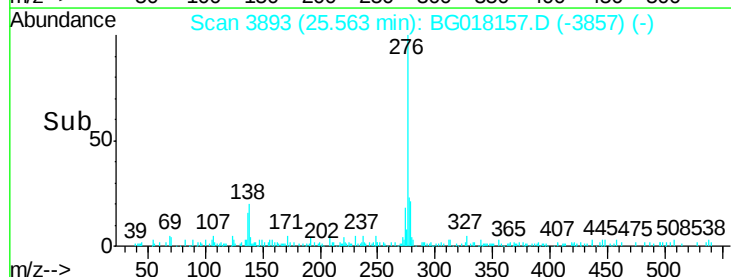
Abundance Ion 276.00 (275.70 to 276.70): E

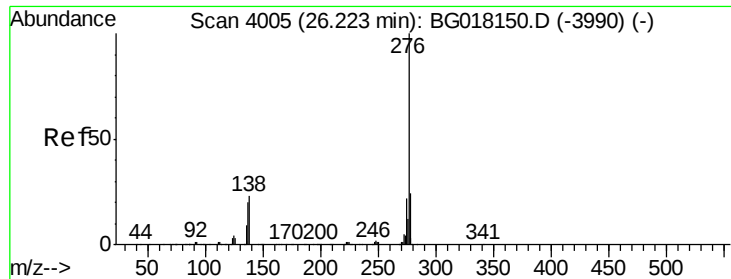
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.56

Time-->





#94

Benzo(g,h,i)perylene

Concen: 1.39 ng/ul

RT: 26.24 min Scan# 4008

Delta R.T. 0.02 min

Lab File: BG018157.D

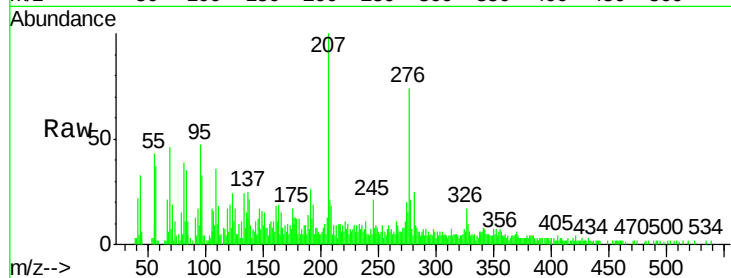
Acq: 28 Jul 2015 21:33

Instrument :

BNA_G

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C01N3



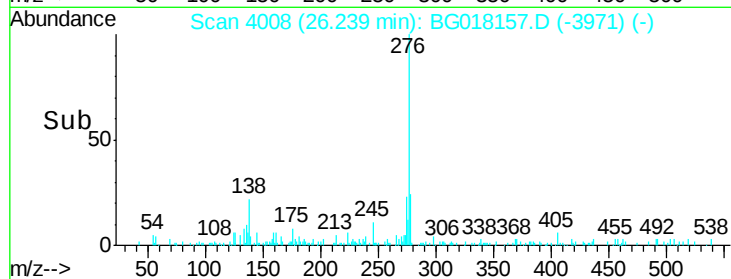
Tgt Ion: 276 Resp: 23965

Ion Ratio Lower Upper

276 100

138 28.0 18.8 28.2

277 28.6 19.3 28.9



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

