

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060216\
 Data File : BG022149.D
 Acq On : 2 Jun 2016 12:08
 Operator : UM/SJ
 Sample : H3302-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB199

Quant Time: Jun 03 01:09:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 03 01:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	219584	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	137157	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	286619	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	267376	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	255132	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	725	0.96	ng/uL	0.00
5) Phenol-d5	7.29	99	33422	9.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	16890	9.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	31298	10.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	24766	8.18	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	15136	9.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	15633	8.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	31171	10.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	21901	6.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	122083	11.85	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	161567	11.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	993	0.56	ng/ul	0.02
57) Fluorene-d10	15.75	176	111337	11.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	6857	4.58	ng/ul	0.00
70) Anthracene-d10	17.61	188	151837	11.04	ng/ul	0.00
76) Pyrene-d10	19.88	212	163206	10.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	136442	11.53	ng/ul	0.00

Target Compounds

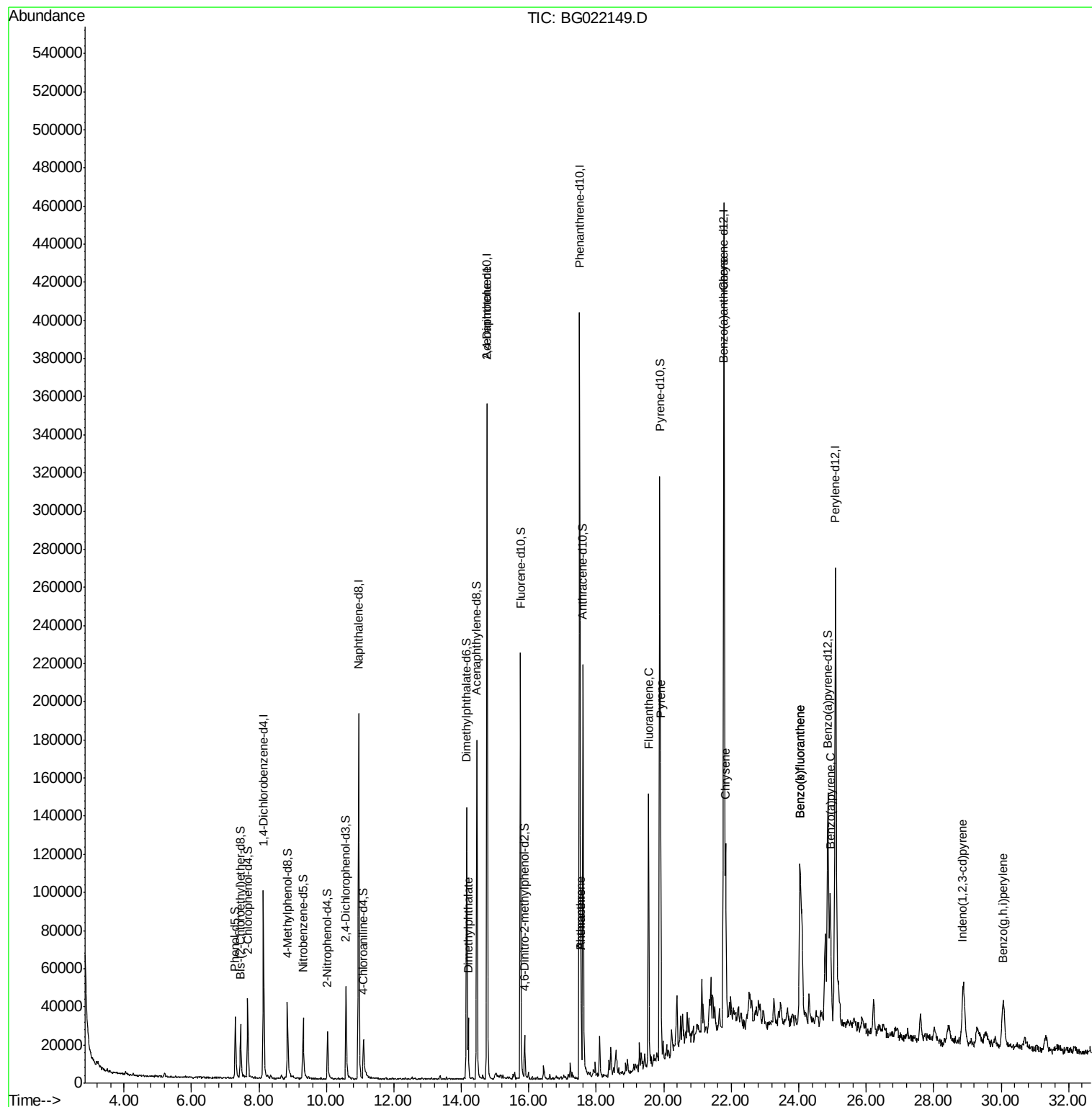
						Qvalue
44) Dimethylphthalate	14.20	163	26848	2.59	ng/ul	97
54) 2,4-Dinitrotoluene	14.76	165	17679	5.90	ng/ul#	46
69) Phenanthrene	17.55	178	26334	1.65	ng/ul	98
71) Anthracene	17.55	178	26334	1.63	ng/ul	99
74) Fluoranthene	19.55	202	103102	6.33	ng/ul	98
77) Pyrene	19.91	202	98070	5.21	ng/ul	99
80) Benzo(a)anthracene	21.77	228	64714	4.13	ng/ul	94
82) Chrysene	21.83	228	65271	4.34	ng/ul	96
85) Benzo(b)fluoranthene	24.04	252	110007	7.37	ng/ul	98
86) Benzo(k)fluoranthene	24.04	252	110007	7.57	ng/ul	95
88) Benzo(a)pyrene	24.93	252	66817	4.64	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	28.86	276	21531	1.30	ng/ul	90
91) Benzo(g,h,i)perylene	30.04	276	22165	1.68	ng/ul	92

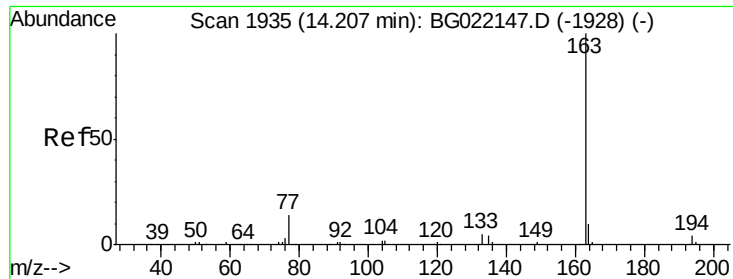
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.59 ng/ul

RT: 14.20 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

Instrument :

BNA_G

ClientSampleId :

CB199

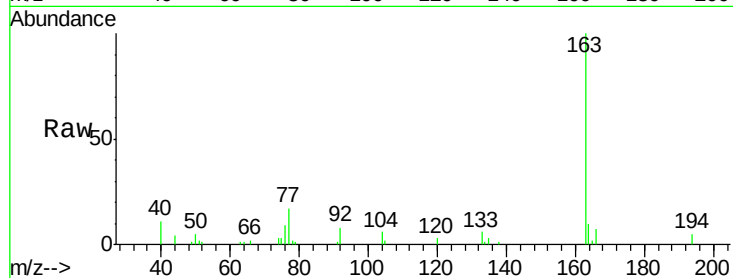
Tgt Ion:163 Resp: 26848

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

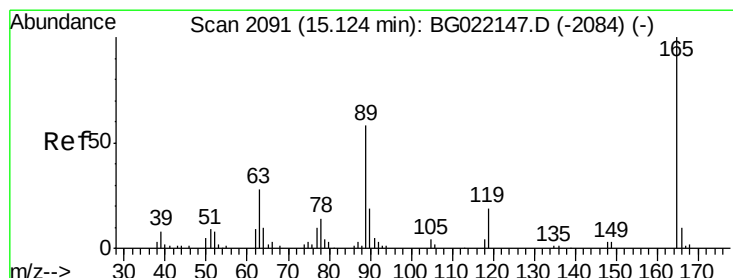
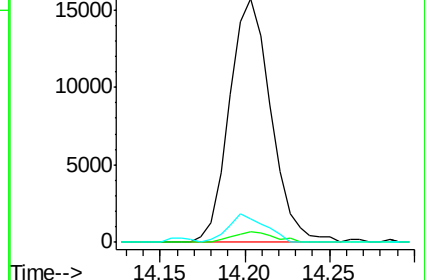
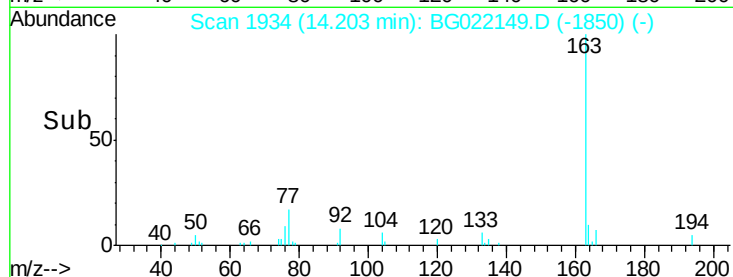
164 9.8 8.8 13.2



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



#54

2,4-Dinitrotoluene

Concen: 5.90 ng/ul

RT: 14.76 min Scan# 2029

Delta R.T. -0.36 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

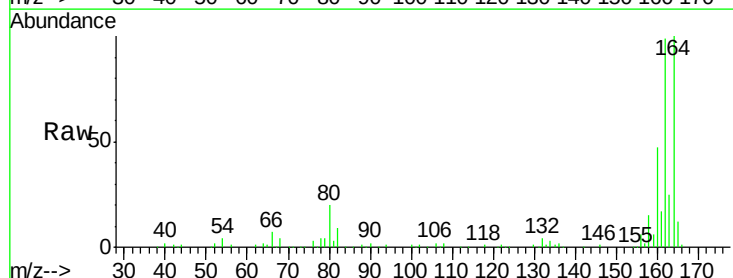
Tgt Ion:165 Resp: 17679

Ion Ratio Lower Upper

165 100

63 0.0 25.7 38.5#

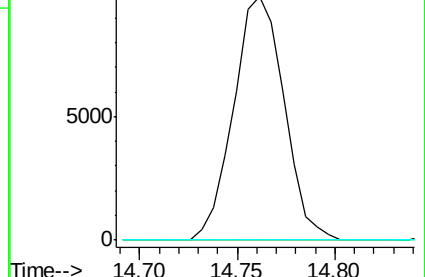
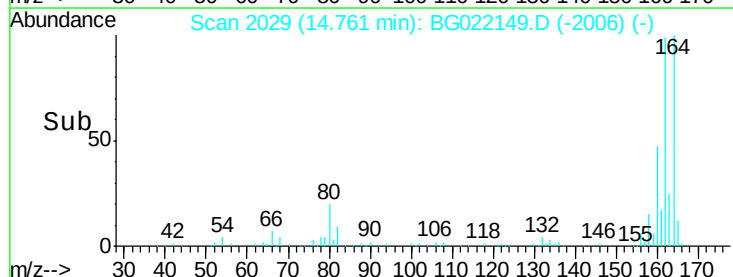
182 0.0 2.1 3.1#

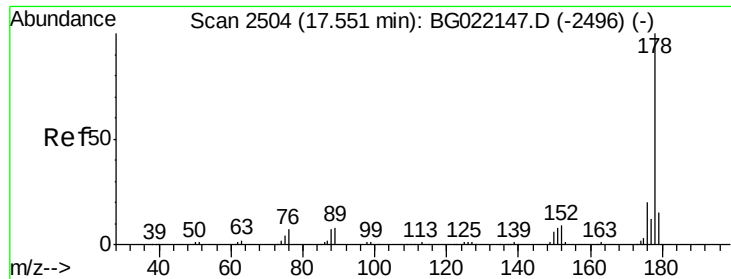


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E





#69

Phenanthrene

Concen: 1.65 ng/ul

RT: 17.55 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

Instrument :

BNA_G

ClientSampleId :

CB199

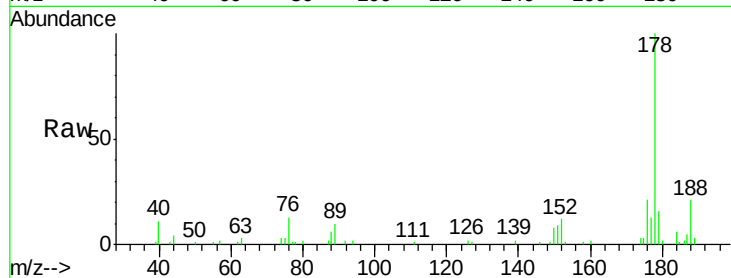
Tgt Ion:178 Resp: 26334

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

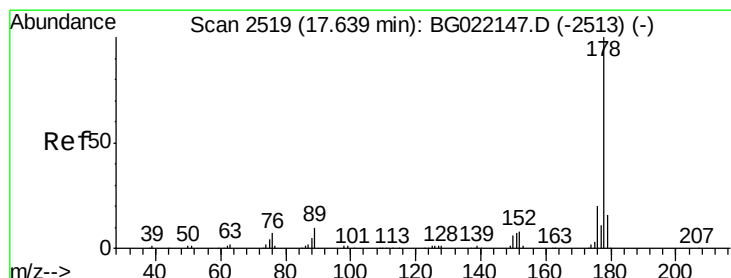
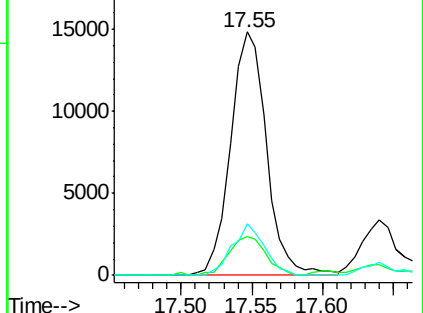
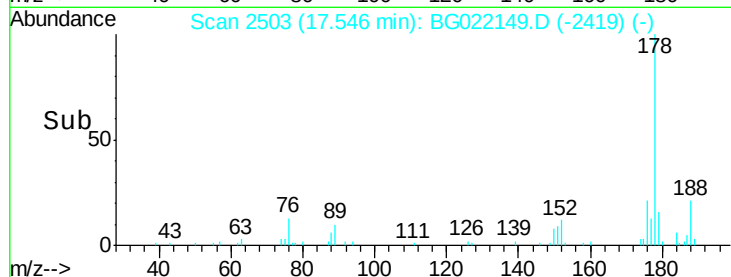
176 21.2 15.8 23.8



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



#71

Anthracene

Concen: 1.63 ng/ul

RT: 17.55 min Scan# 2503

Delta R.T. -0.09 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

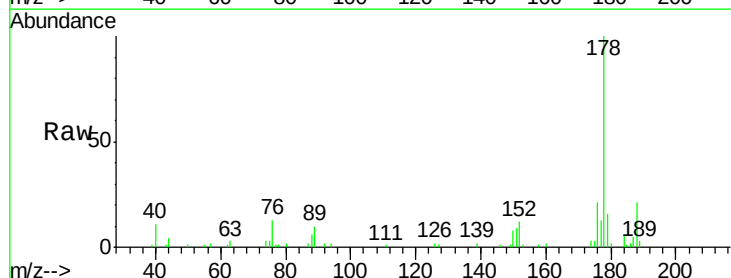
Tgt Ion:178 Resp: 26334

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

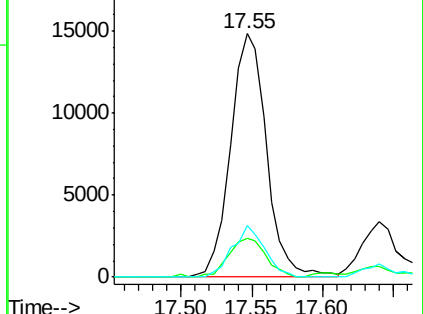
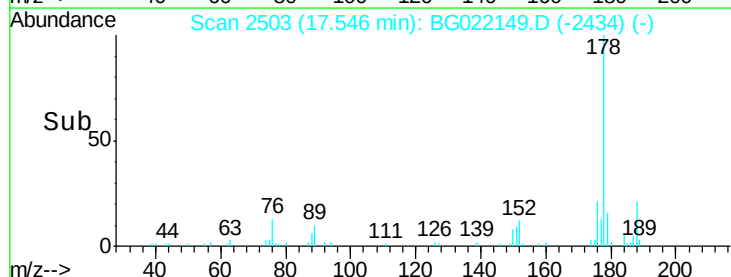
176 21.2 16.3 24.5

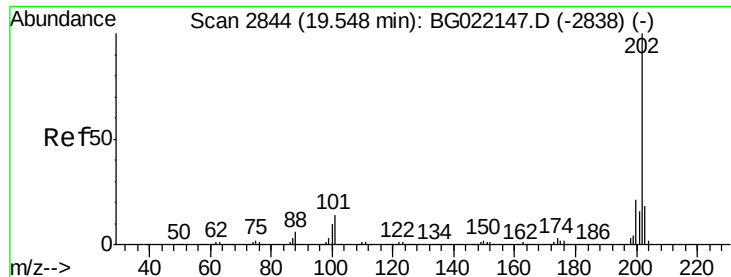


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 6.33 ng/ul

RT: 19.55 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

Instrument :

BNA_G

ClientSampleId :

CB199

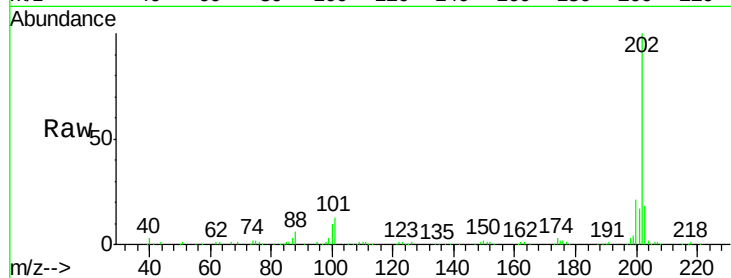
Tgt Ion:202 Resp: 103102

Ion Ratio Lower Upper

202 100

101 12.5 10.6 16.0

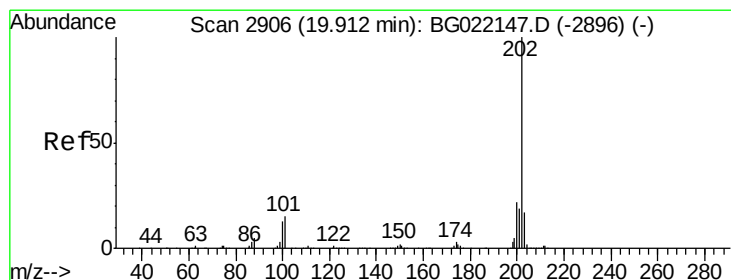
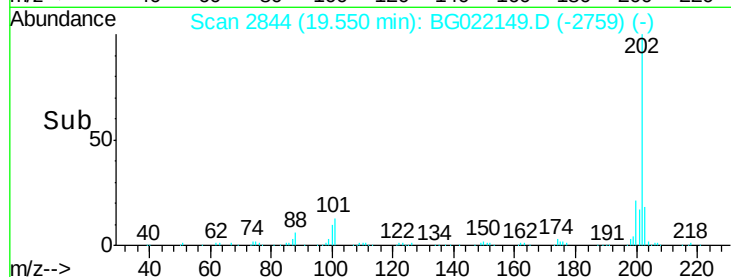
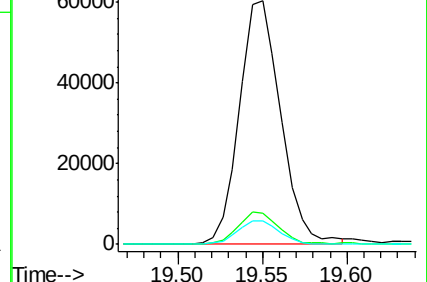
100 9.9 8.7 13.1



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: 5.21 ng/ul

RT: 19.91 min Scan# 2905

Delta R.T. -0.00 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

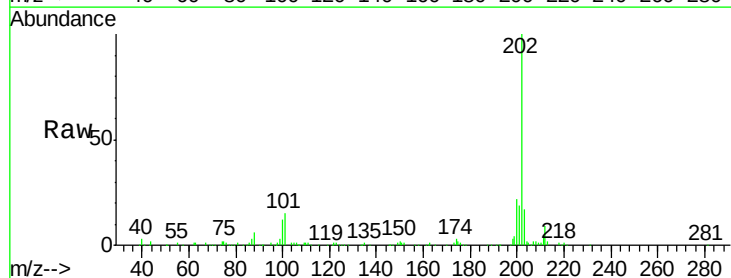
Tgt Ion:202 Resp: 98070

Ion Ratio Lower Upper

202 100

101 15.4 12.5 18.7

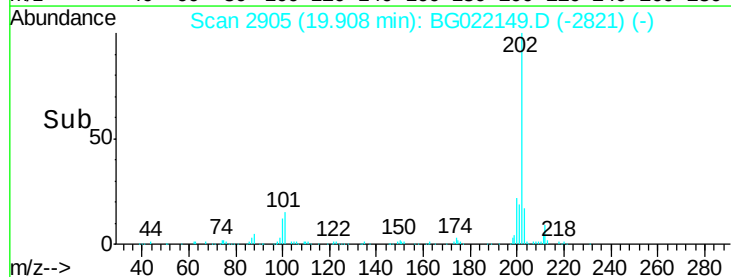
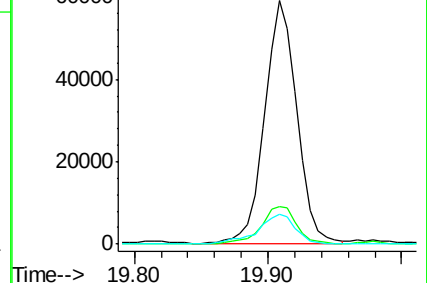
100 12.3 10.2 15.4

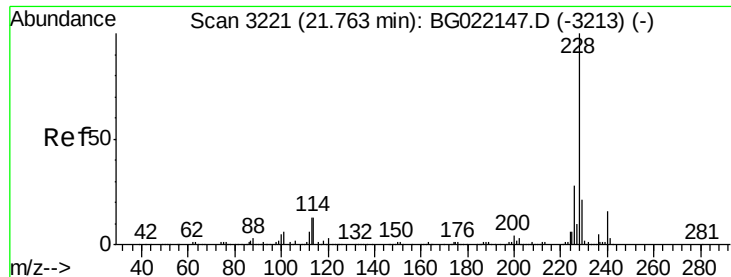


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.13 ng/ul

RT: 21.77 min Scan# 3221

Delta R.T. 0.00 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

Instrument :

BNA_G

ClientSampleId :

CB199

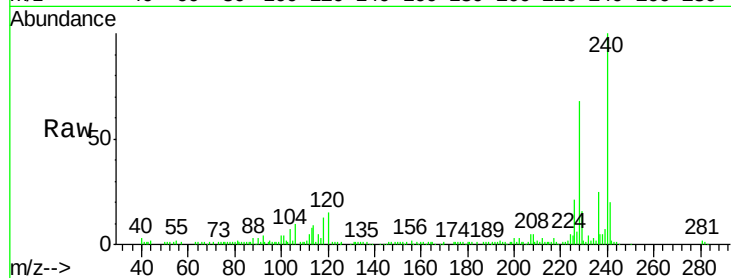
Tgt Ion:228 Resp: 64714

Ion Ratio Lower Upper

228 100

229 23.0 15.4 23.2

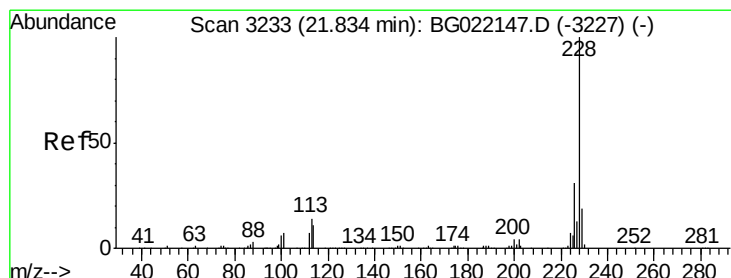
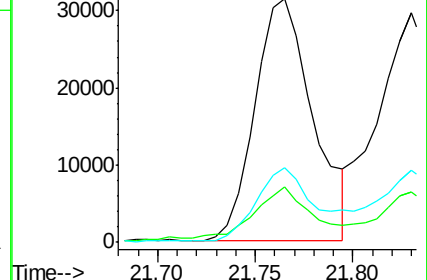
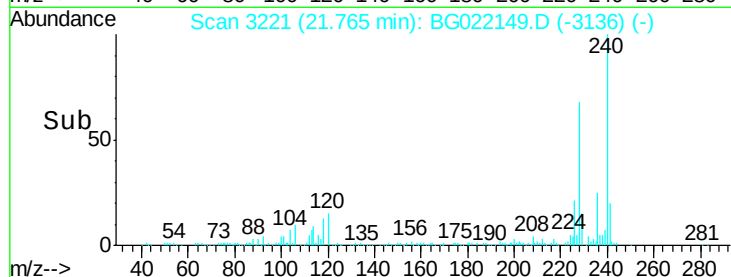
226 30.9 22.8 34.2



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: 4.34 ng/ul

RT: 21.83 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

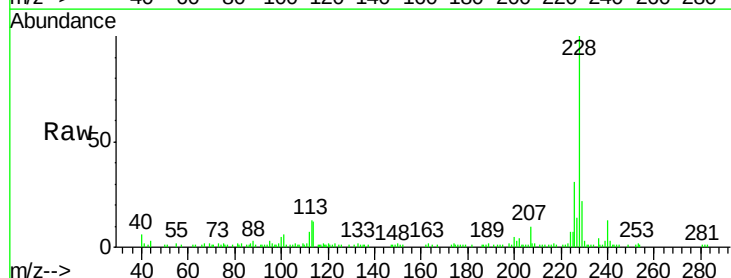
Tgt Ion:228 Resp: 65271

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

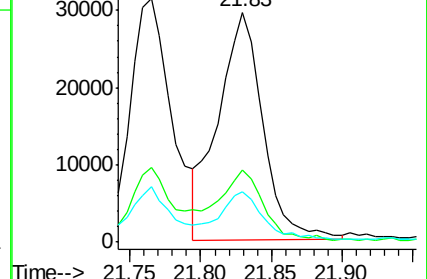
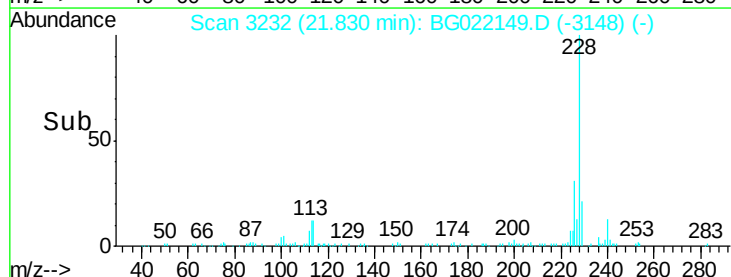
229 22.1 15.0 22.6

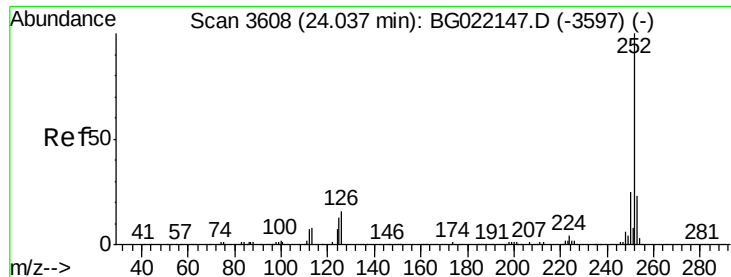


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

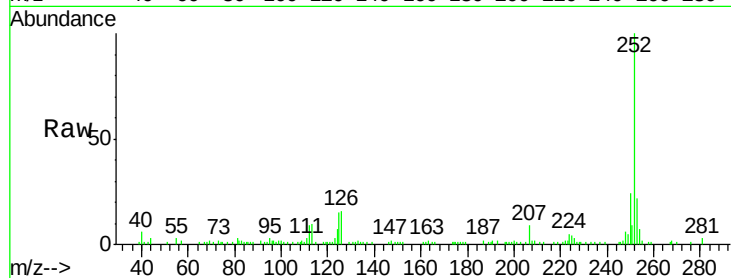




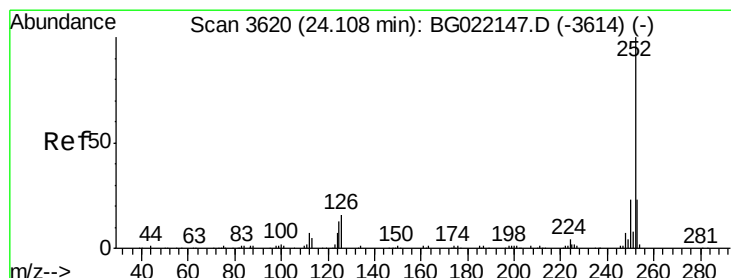
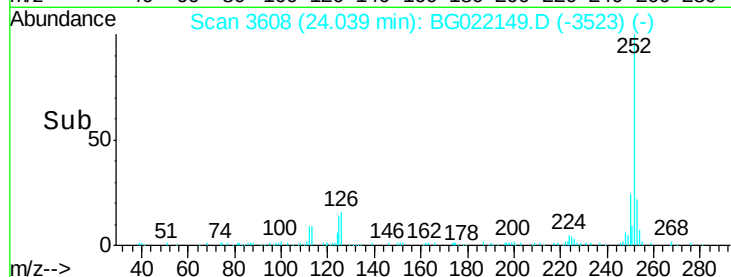
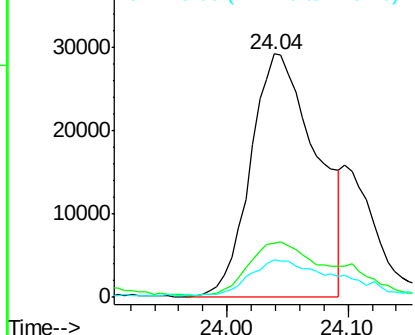
#85
Benzo(b)fluoranthene
Concen: 7.37 ng/ul
RT: 24.04 min Scan# 3608
Delta R.T. 0.00 min
Lab File: BG022149.D
Acq: 2 Jun 2016 12:08

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	15.3	10.8	16.2

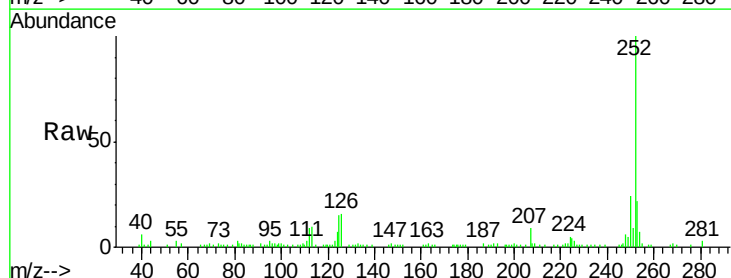


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

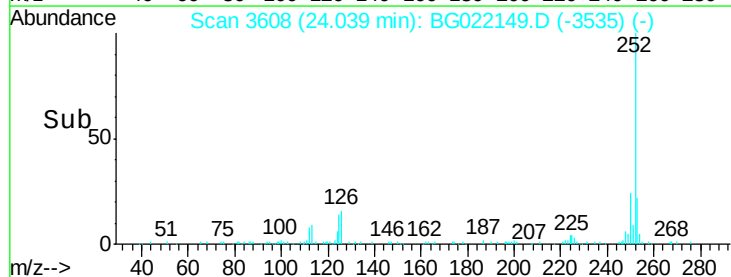
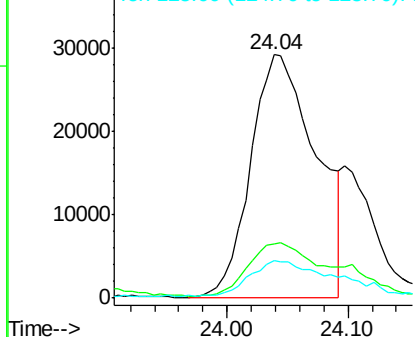


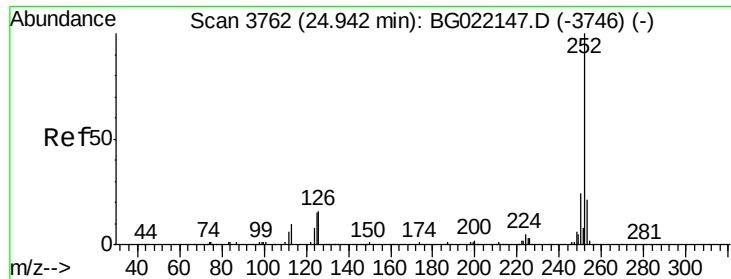
#86
Benzo(k)fluoranthene
Concen: 7.57 ng/ul
RT: 24.04 min Scan# 3608
Delta R.T. -0.07 min
Lab File: BG022149.D
Acq: 2 Jun 2016 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	15.8	23.6
125	15.3	10.6	16.0



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: 4.64 ng/ul

RT: 24.93 min Scan# 3760

Delta R.T. -0.01 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

Instrument :

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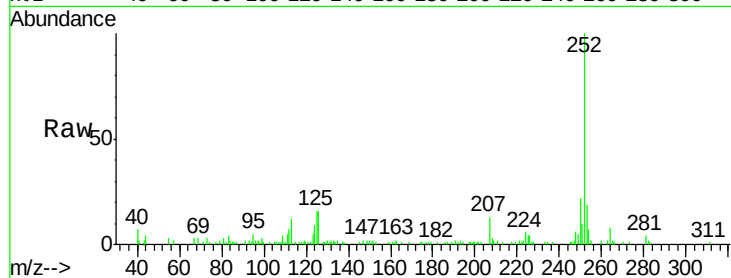
Tgt Ion:252 Resp: 66817

Ion Ratio Lower Upper

252 100

253 19.3 19.0 28.4

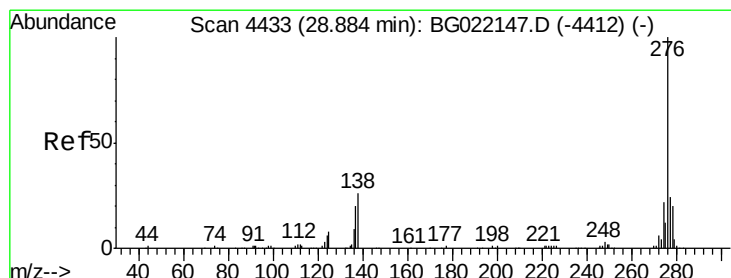
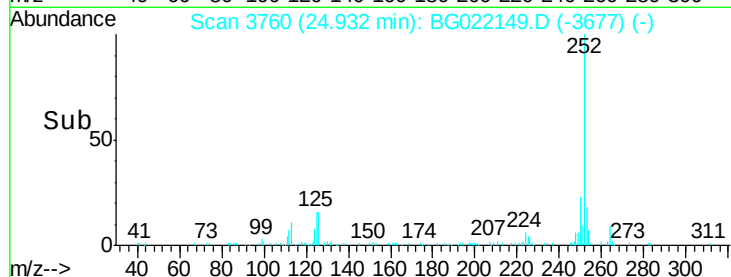
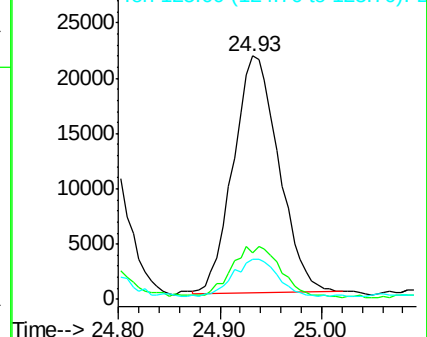
125 16.2 12.0 18.0



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: 1.30 ng/ul

RT: 28.86 min Scan# 4429

Delta R.T. -0.02 min

Lab File: BG022149.D

Acq: 2 Jun 2016 12:08

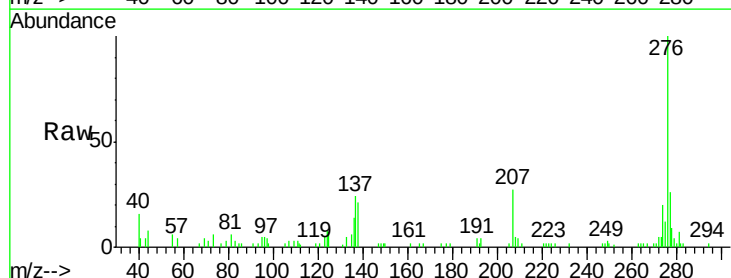
Tgt Ion:276 Resp: 21531

Ion Ratio Lower Upper

276 100

138 20.8 20.8 31.2

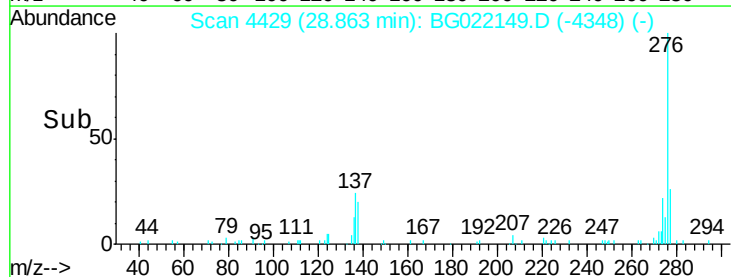
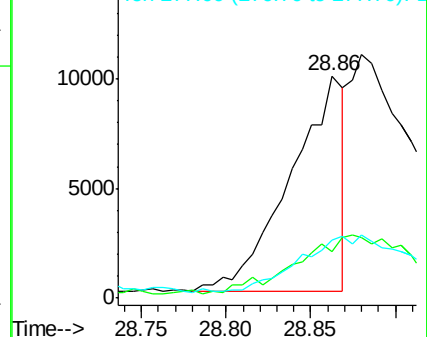
277 26.3 17.6 26.4

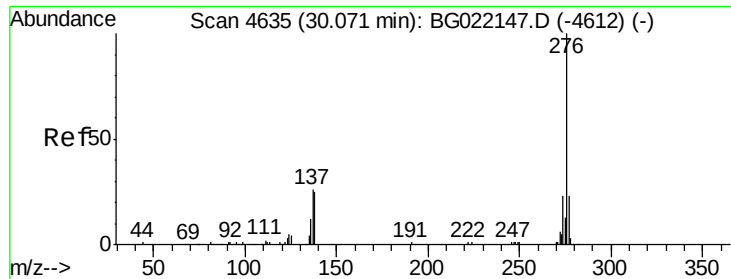


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.68 ng/ul

RT: 30.04 min Scan# 4630

Delta R.T. -0.03 min

Lab File: BG022149.D

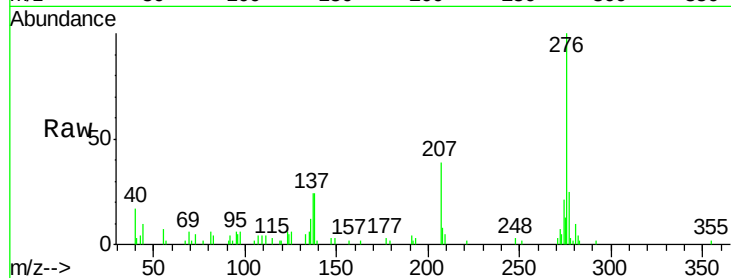
Acq: 2 Jun 2016 12:08

Instrument :

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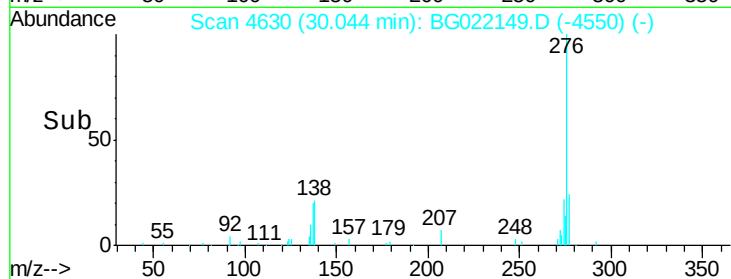
Tgt Ion:276 Resp: 22165

Ion Ratio Lower Upper

276 100

138 23.8 22.1 33.1

277 25.2 17.0 25.4



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

