

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021879.D
 Acq On : 12 May 2016 21:56
 Operator : UM/SJ
 Sample : H2936-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK6

Quant Time: May 13 05:02:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	69558	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	381532	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	233171	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	477500	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	467554	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	470361	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5870	4.07	ng/uL	0.00
5) Phenol-d5	7.32	99	144847	28.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	65249	25.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	127720	31.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	110036	25.38	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	67063	26.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	76418	48.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	136995	30.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.48	131	193	0.04	ng/ul	0.35
44) Dimethylphthalate-d6	14.19	166	428976	26.19	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	578019	24.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	58695	20.91	ng/ul	0.00
58) Fluorene-d10	15.78	176	391329	22.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	35017	26.47	ng/ul	0.00
71) Anthracene-d10	17.64	188	527455	22.69	ng/ul	0.00
77) Pyrene-d10	19.55	212	6918	0.32	ng/ul	-0.36
88) Benzo(a)pyrene-d12	24.94	264	527610	23.61	ng/ul	0.00

Target Compounds

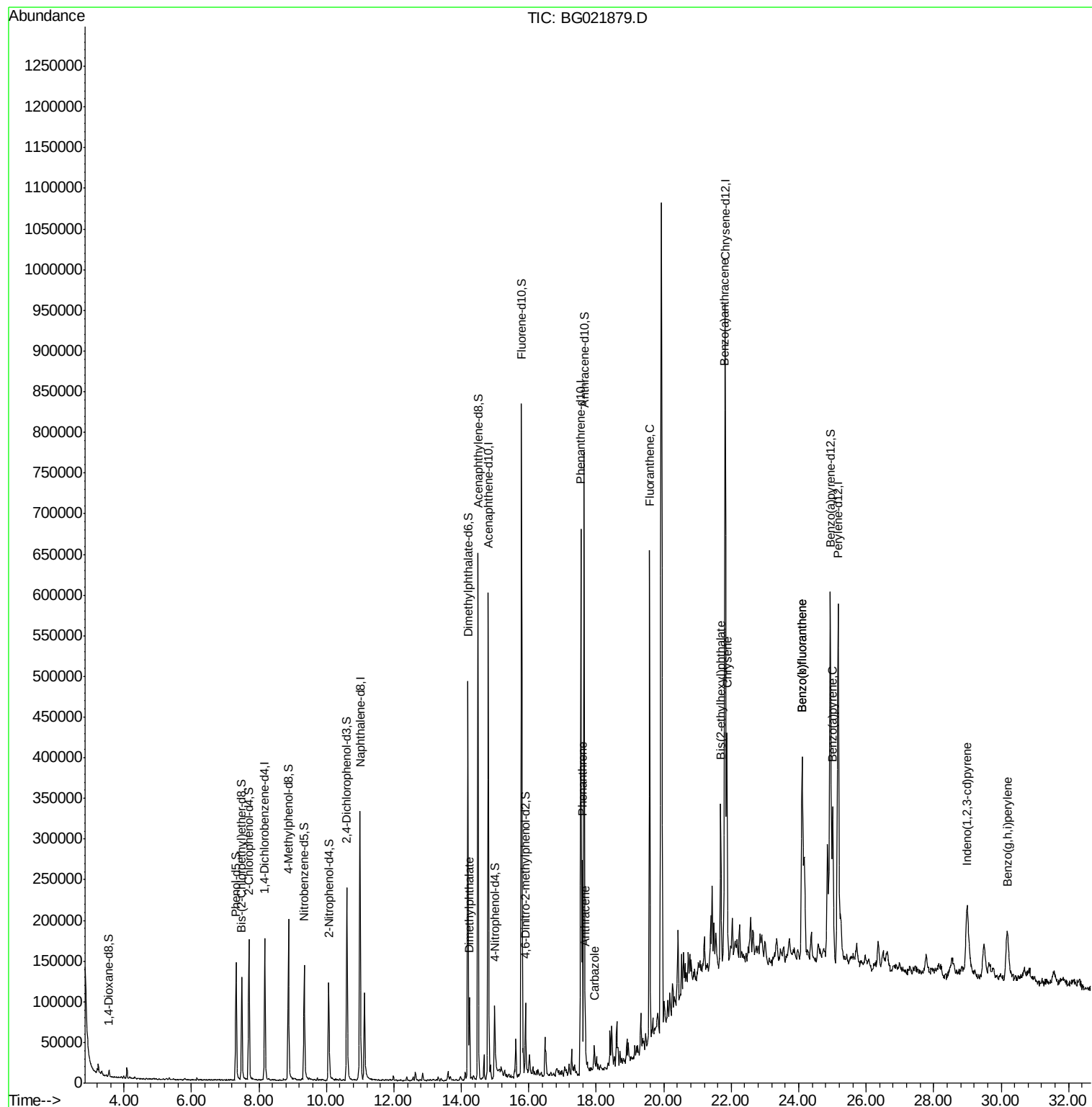
						Qvalue
45) Dimethylphthalate	14.24	163	80086	4.80	ng/ul	98
70) Phenanthrene	17.58	178	183571	7.03	ng/ul	98
72) Anthracene	17.67	178	38718	1.46	ng/ul	98
73) Carbazole	17.95	167	25350	1.10	ng/ul#	95
75) Fluoranthene	19.58	202	423455	14.28	ng/ul#	95
81) Benzo(a)anthracene	21.81	228	213886	8.22	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	110454	11.31	ng/ul	95
83) Chrysene	21.87	228	219762	8.54	ng/ul	97
86) Benzo(b)fluoranthene	24.10	252	361103	13.41	ng/ul#	96
87) Benzo(k)fluoranthene	24.10	252	361103	12.53	ng/ul#	96
89) Benzo(a)pyrene	25.01	252	224560	8.38	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	28.98	276	157034	4.94	ng/ul#	95
92) Benzo(g,h,i)perylene	30.18	276	69349	2.65	ng/ul#	91

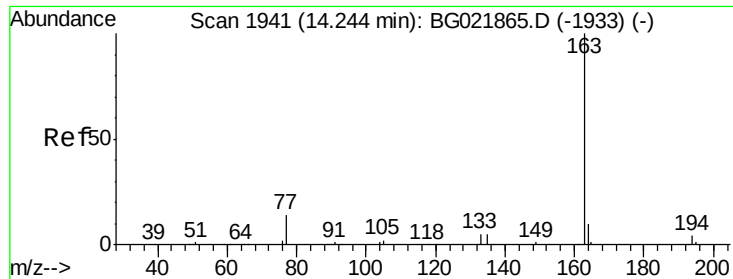
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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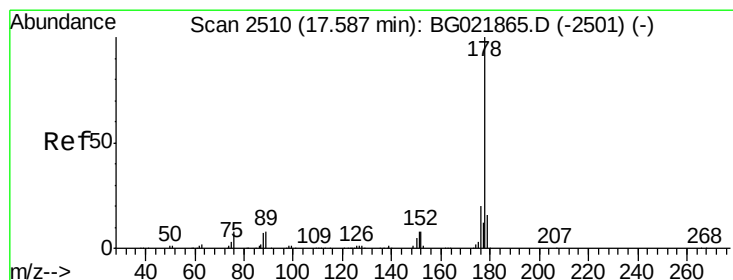
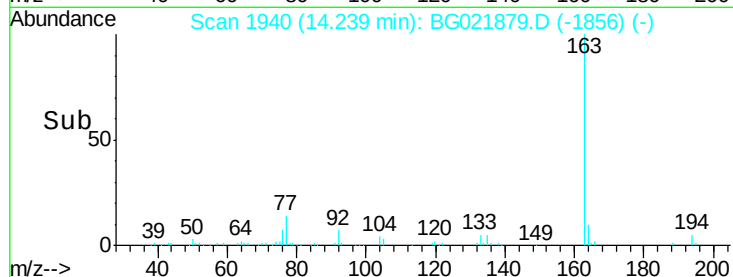
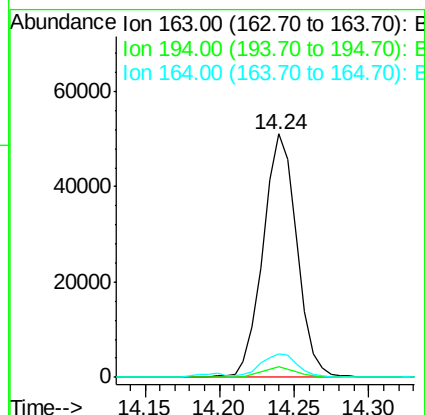
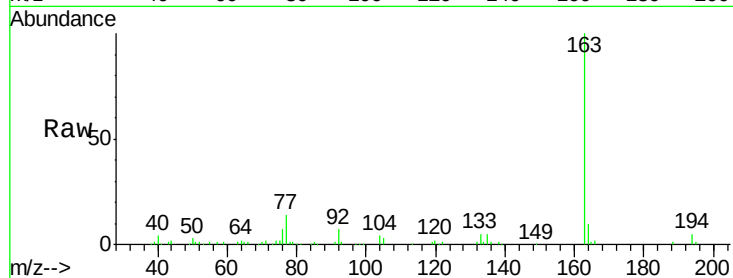




#45
Dimethylphthalate
Concen: 4.80 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG021879.D
Acq: 12 May 2016 21:56

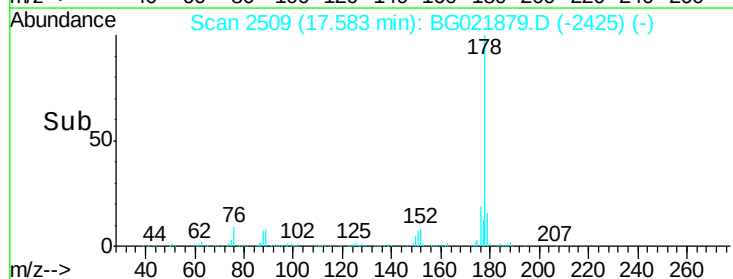
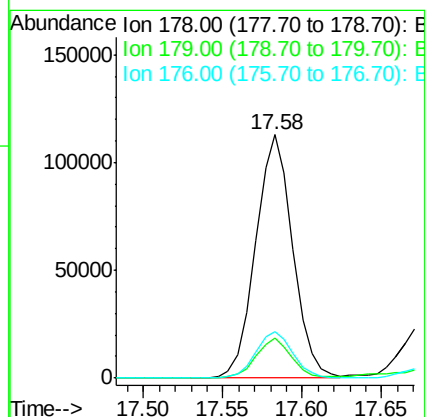
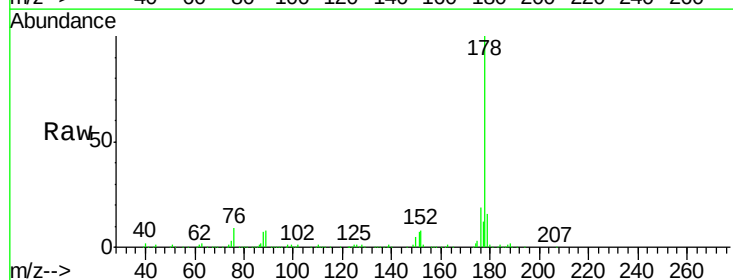
Instrument :
BNA_G
ClientSampleId :
D9WK6

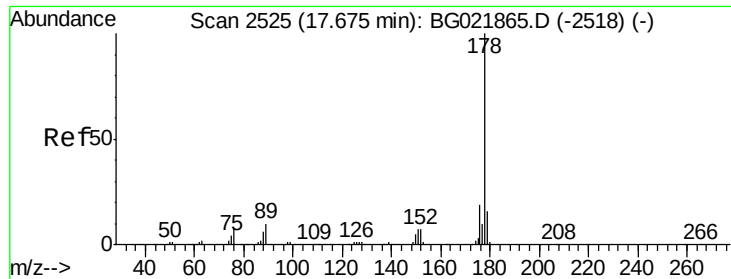
Tgt Ion:163 Resp: 80086
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 9.8 8.7 13.1



#70
Phenanthrene
Concen: 7.03 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BG021879.D
Acq: 12 May 2016 21:56

Tgt Ion:178 Resp: 183571
Ion Ratio Lower Upper
178 100
179 16.5 11.8 17.8
176 18.9 14.8 22.2





#72

Anthracene

Concen: 1.46 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

Instrument :

BNA_G

ClientSampleId :

D9WK6

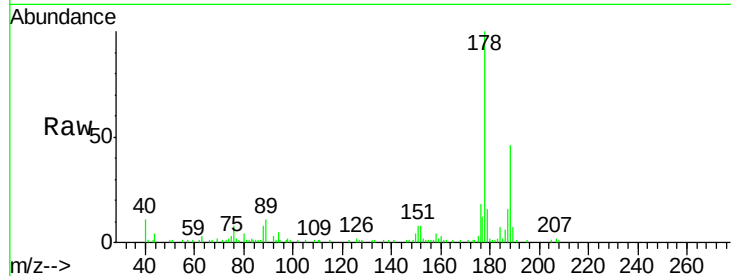
Tgt Ion:178 Resp: 38718

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

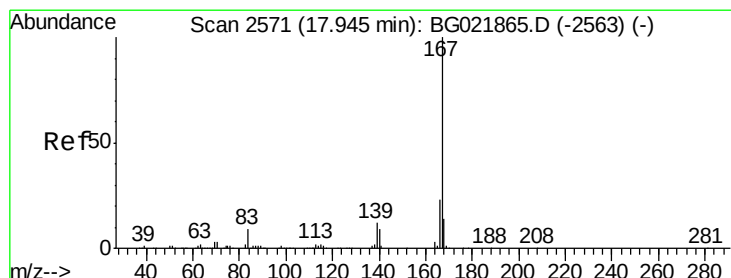
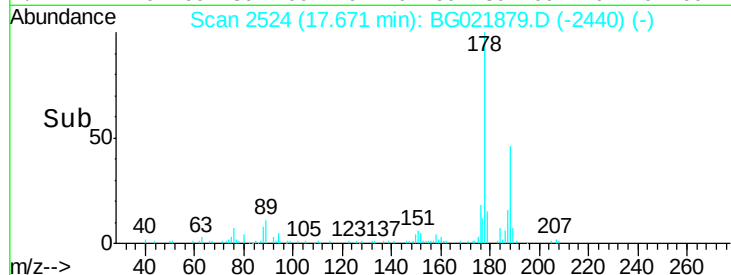
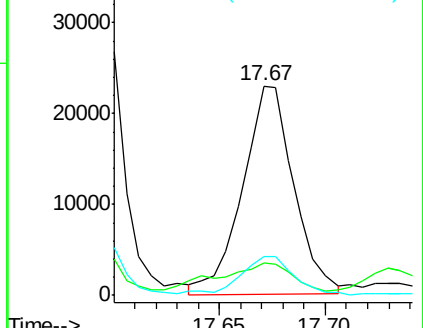
176 18.4 15.6 23.4



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



#73

Carbazole

Concen: 1.10 ng/ul

RT: 17.95 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

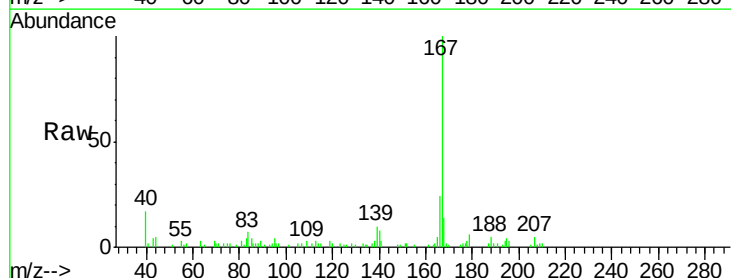
Tgt Ion:167 Resp: 25350

Ion Ratio Lower Upper

167 100

166 24.0 19.0 28.4

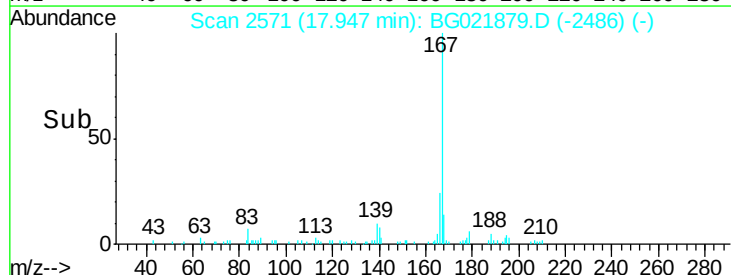
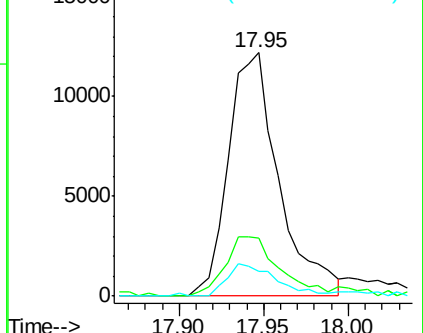
139 10.1 12.2 18.4#

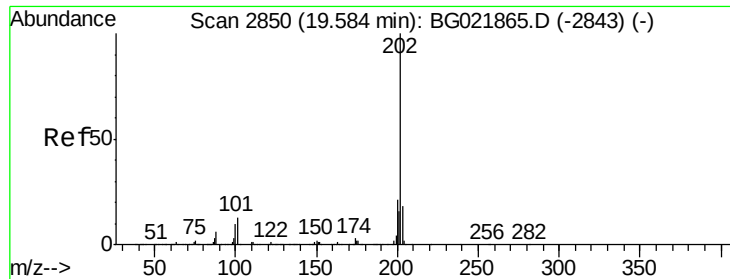


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 14.28 ng/ul

RT: 19.58 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

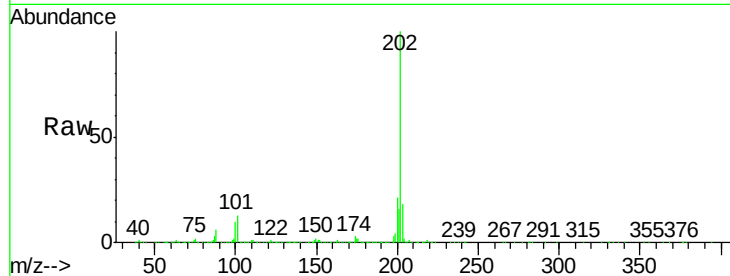
Instrument :

BNA_G

ClientSampleId :

D9WK6

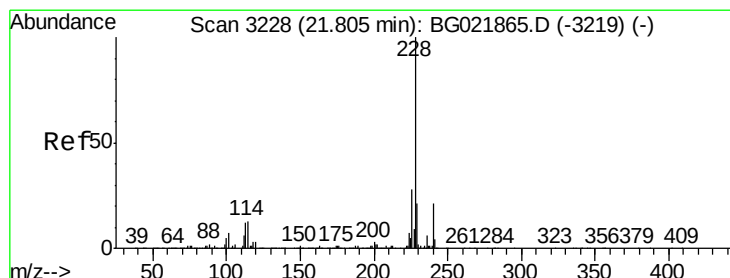
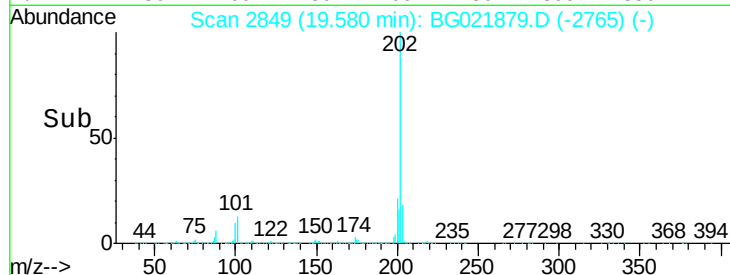
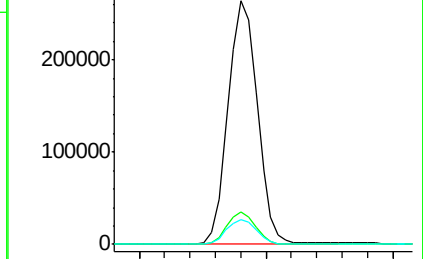
Tgt Ion:	202	Resp:	423455
Ion	Ratio	Lower	Upper
202	100		
101	13.4	8.9	13.3#
100	10.0	7.0	10.4



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): E



#81

Benzo(a)anthracene

Concen: 8.22 ng/ul

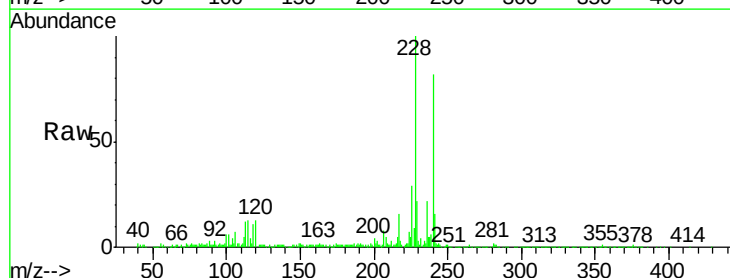
RT: 21.81 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

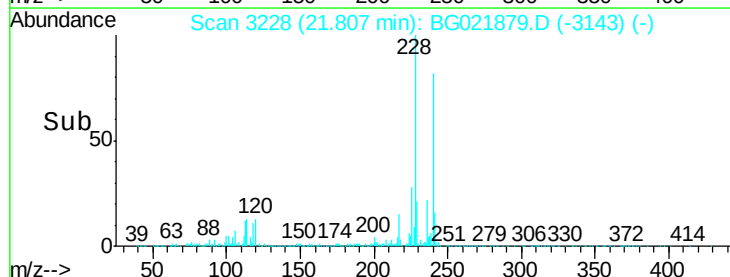
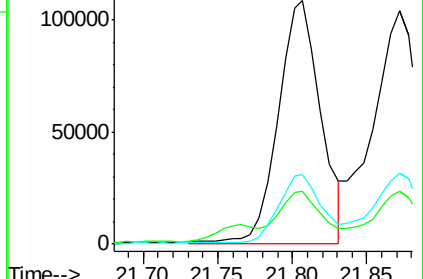
Tgt Ion:	228	Resp:	213886
Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	28.8	21.0	31.4

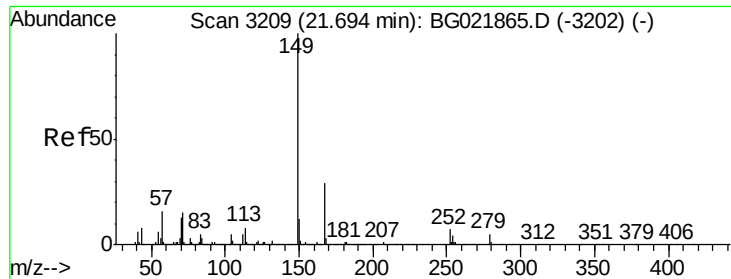


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Bis(2-ethylhexyl)phthalate

Concen: 11.31 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

Instrument :

BNA_G

ClientSampleId :

D9WK6

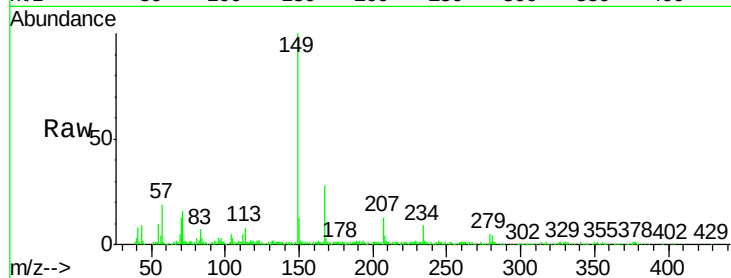
Tgt Ion:149 Resp: 110454

Ion Ratio Lower Upper

149 100

167 28.2 20.5 30.7

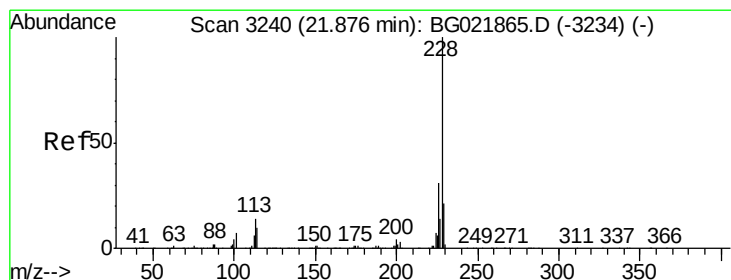
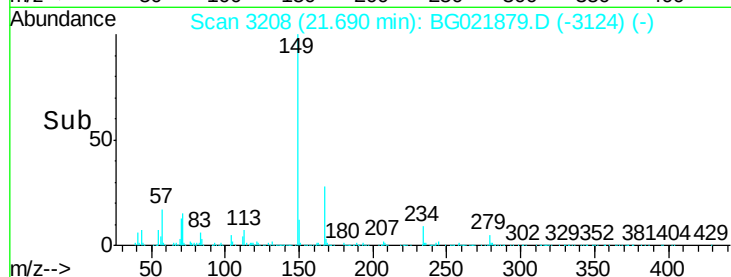
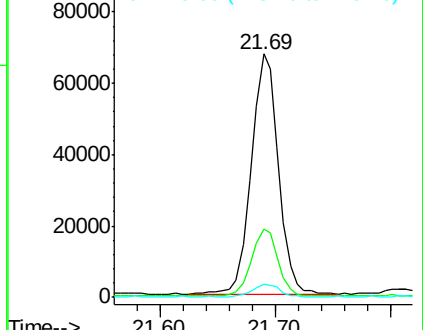
279 5.2 3.7 5.5



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



#83

Chrysene

Concen: 8.54 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

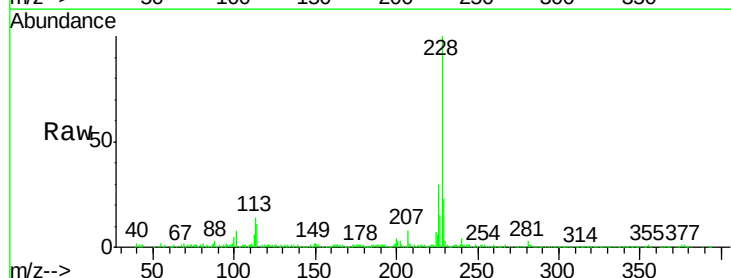
Tgt Ion:228 Resp: 219762

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

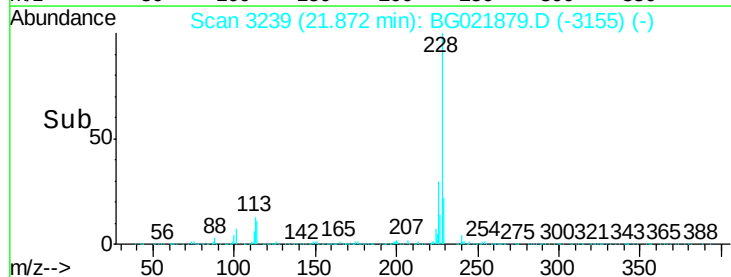
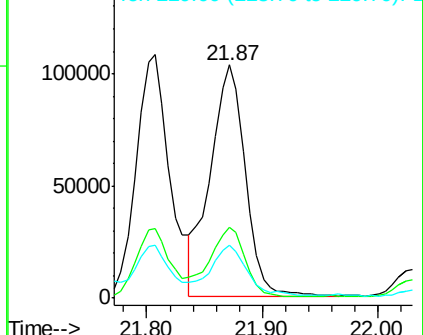
229 22.7 16.2 24.2

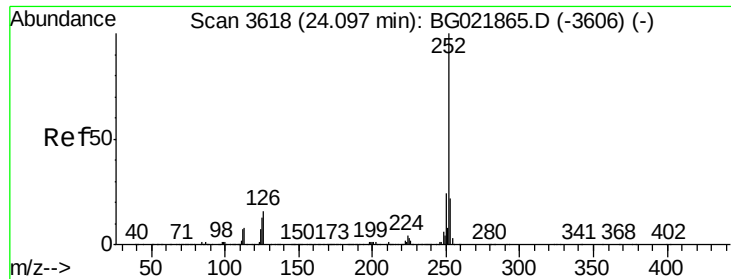


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

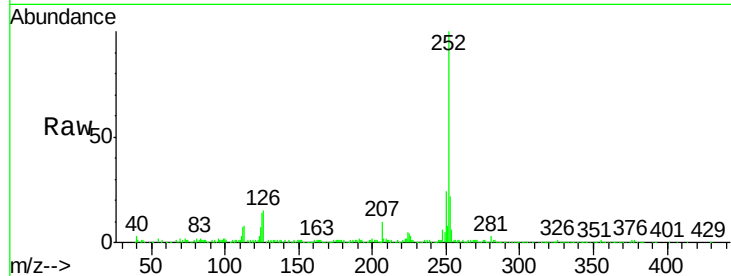




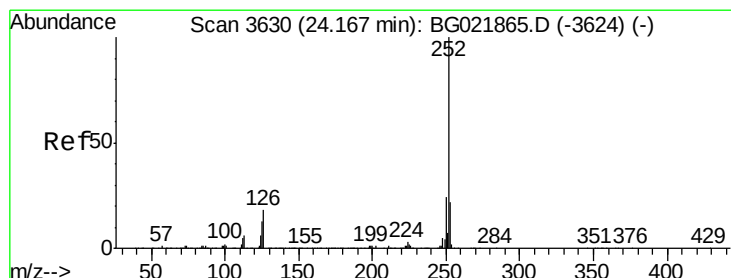
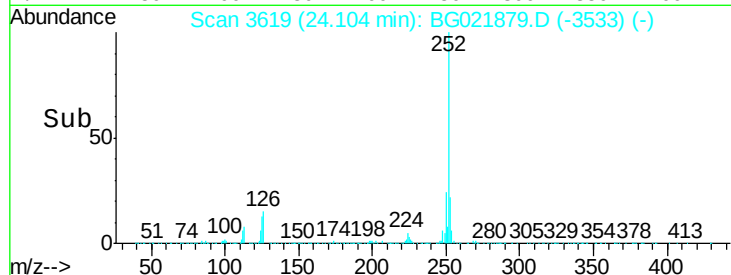
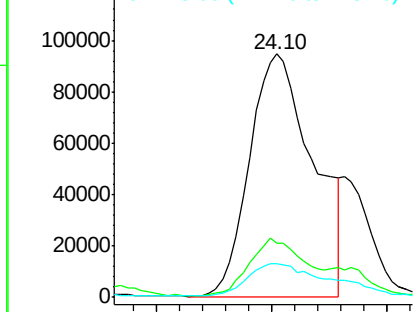
#86
Benzo(b)fluoranthene
Concen: 13.41 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021879.D
Acq: 12 May 2016 21:56

Instrument :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.8	7.6	11.4

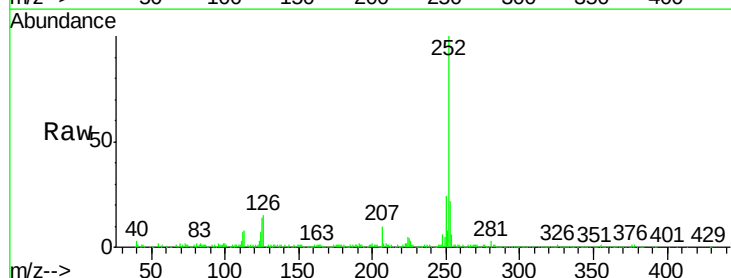


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

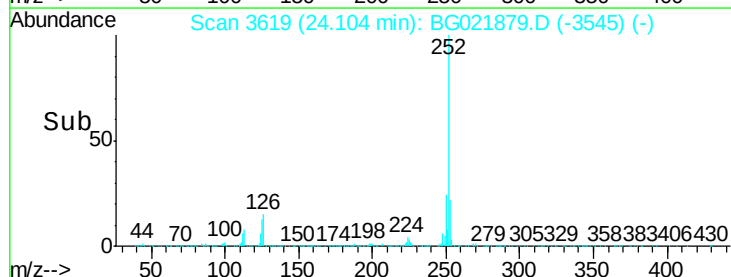
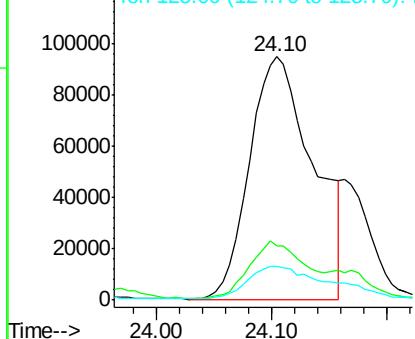


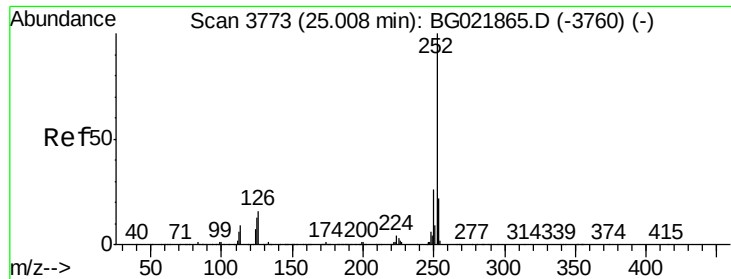
#87
Benzo(k)fluoranthene
Concen: 12.53 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. -0.06 min
Lab File: BG021879.D
Acq: 12 May 2016 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.8	7.7	11.5



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(a)pyrene

Concen: 8.38 ng/ul

RT: 25.01 min Scan# 3773

Delta R.T. 0.00 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

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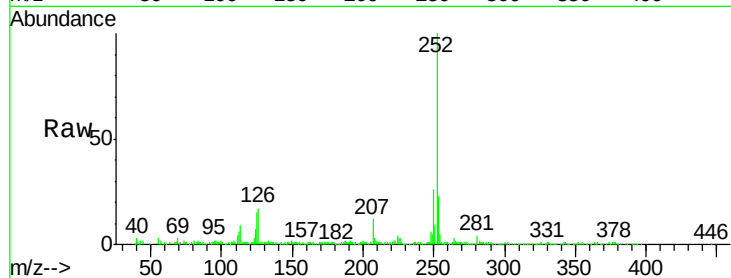
Tgt Ion:252 Resp: 224560

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

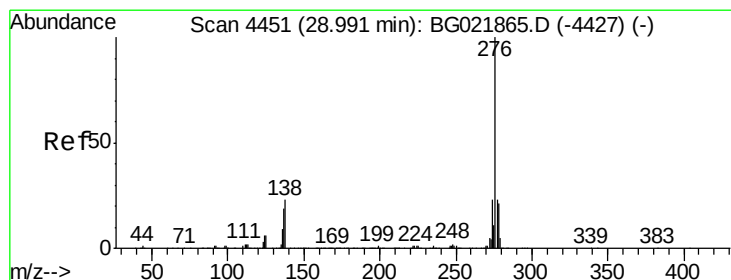
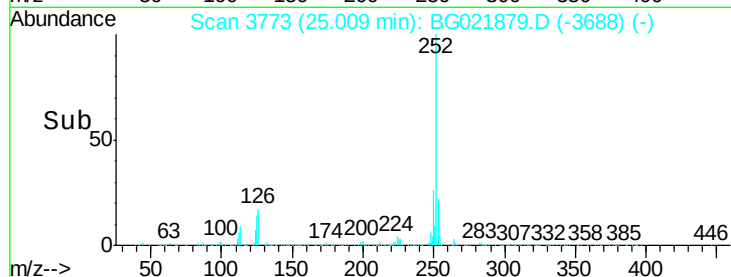
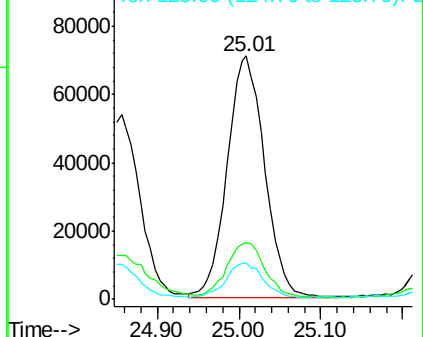
125 15.1 8.2 12.2#



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



#90

Indeno(1,2,3-cd)pyrene

Concen: 4.94 ng/ul

RT: 28.98 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG021879.D

Acq: 12 May 2016 21:56

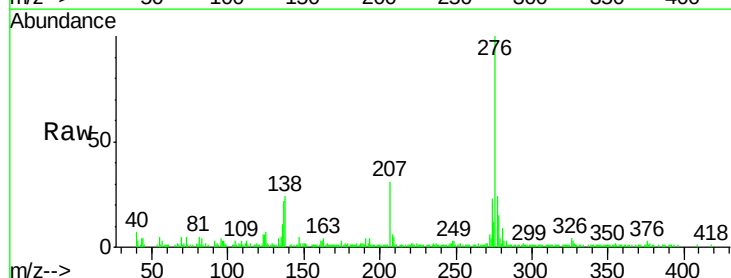
Tgt Ion:276 Resp: 157034

Ion Ratio Lower Upper

276 100

138 24.5 15.8 23.6#

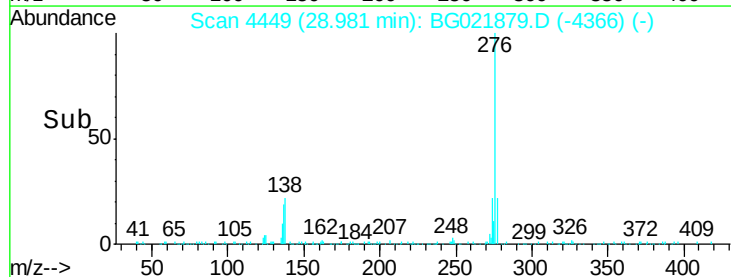
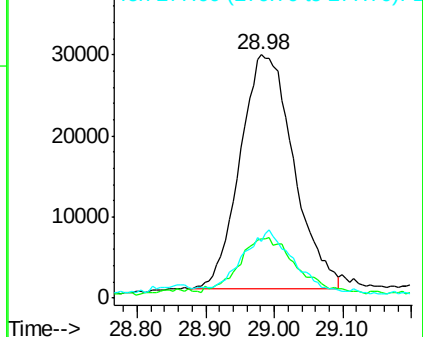
277 23.5 19.0 28.6

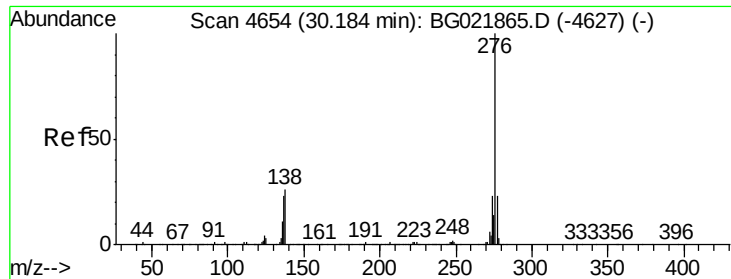


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Benzo(g,h,i)perylene

Concen: 2.65 ng/ul

RT: 30.18 min Scan# 4653

Delta R.T. -0.00 min

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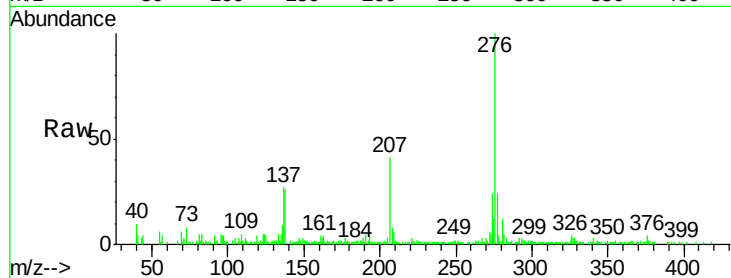
Tgt Ion: 276 Resp: 69349

Ion Ratio Lower Upper

276 100

138 26.0 13.9 20.9#

277 24.4 19.8 29.6



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

