

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
 Data File : BG017379.D
 Acq On : 1 Jun 2015 21:54
 Operator : TP/IZ
 Sample : G2431-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF4

Quant Time: Jun 02 03:36:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 03:15:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	15353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	70771	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	49907	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	114708	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	114194	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	114444	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	976	3.02	ng/uL	0.00
5) Phenol-d5	6.85	99	29681	22.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	17834	23.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	24561	23.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	21585	19.47	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	12453	22.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15529	23.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	25496	22.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	15518	11.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	85141	23.93	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	110635	24.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	13644	20.10	ng/ul	0.00
57) Fluorene-d10	15.30	176	85064	24.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	17246	21.48	ng/ul	0.00
70) Anthracene-d10	17.15	188	127468	23.72	ng/ul	0.00
76) Pyrene-d10	19.45	212	144575	26.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	119776	23.44	ng/ul	0.00

Target Compounds

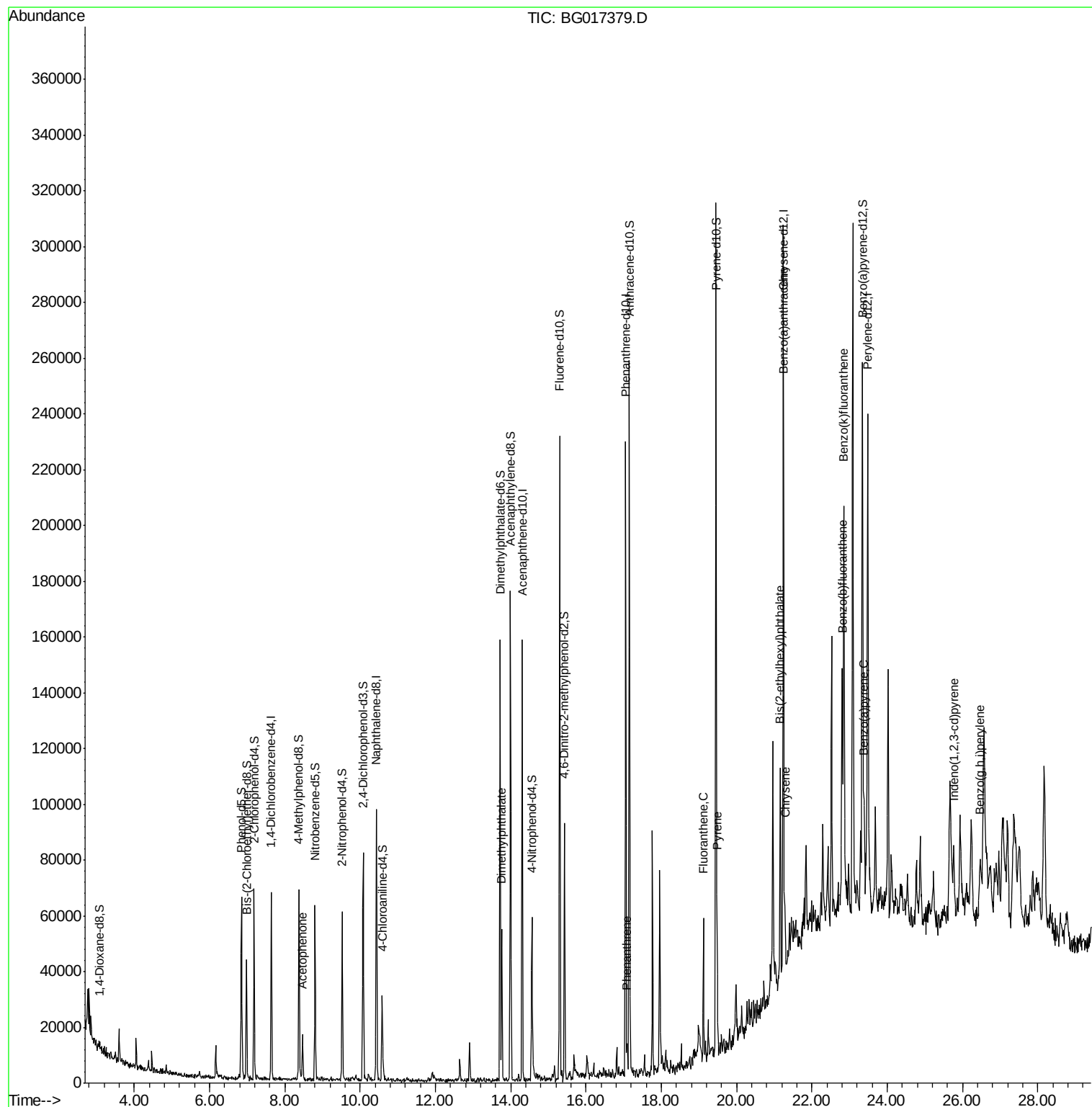
						Qvalue
14) Acetophenone	8.47	105	6709	3.84	ng/ul	87
44) Dimethylphthalate	13.76	163	29013	7.34	ng/ul#	94
69) Phenanthrene	17.09	178	7446	1.22	ng/ul#	89
74) Fluoranthene	19.12	202	26585	3.61	ng/ul	99
77) Pyrene	19.48	202	28796	4.03	ng/ul	99
80) Benzo(a)anthracene	21.23	228	15221	2.24	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.17	149	23864	5.17	ng/ul	97
82) Chrysene	21.28	228	21036	3.34	ng/ul	96
85) Benzo(b)fluoranthene	22.81	252	29000	4.21	ng/ul#	90
86) Benzo(k)fluoranthene	22.85	252	11967	1.85	ng/ul#	75
88) Benzo(a)pyrene	23.39	252	20223	3.10	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	25.76	276	17528	2.39	ng/ul#	92
91) Benzo(g,h,i)perylene	26.47	276	19333	3.15	ng/ul#	88

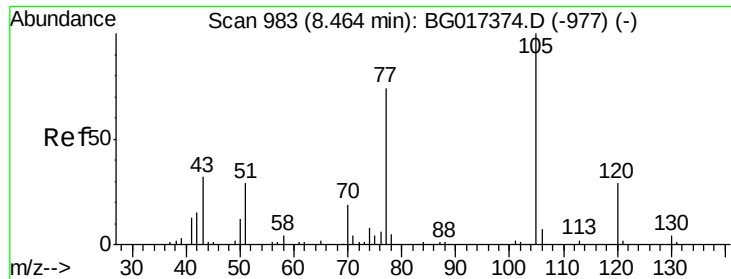
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Acetophenone

Concen: 3.84 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. 0.01 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

Instrument :

BNA_G

ClientSampleId :

BCRF4

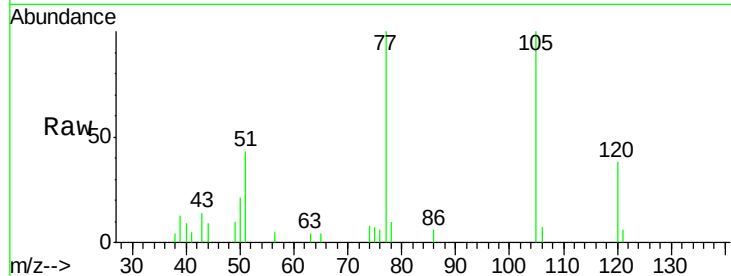
Tgt Ion:105 Resp: 6709

Ion Ratio Lower Upper

105 100

77 99.6 69.4 104.0

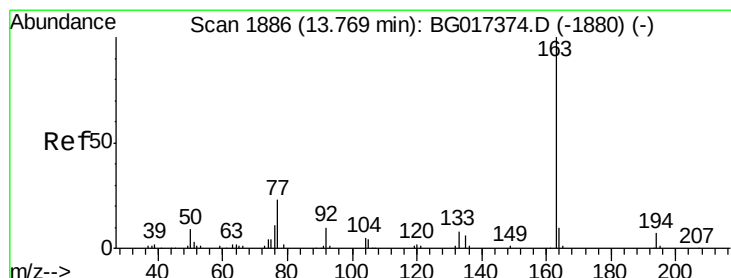
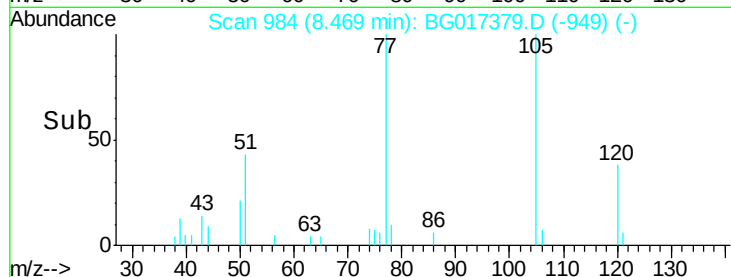
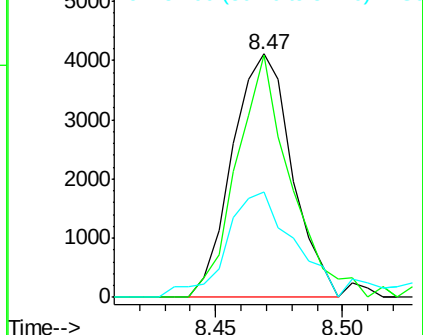
51 43.2 29.0 43.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#44

Dimethylphthalate

Concen: 7.34 ng/ul

RT: 13.76 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

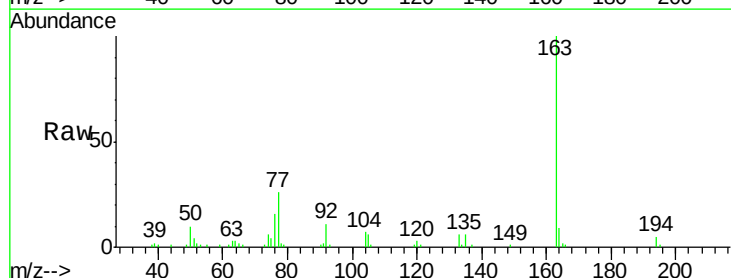
Tgt Ion:163 Resp: 29013

Ion Ratio Lower Upper

163 100

194 5.1 5.2 7.8#

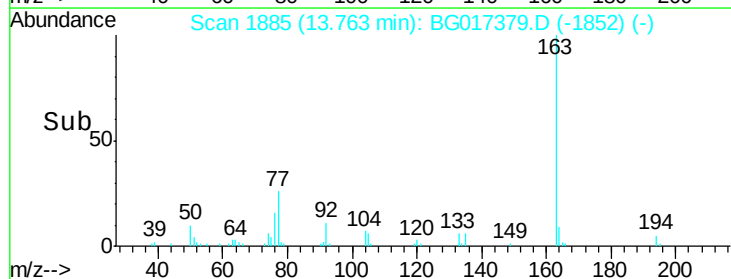
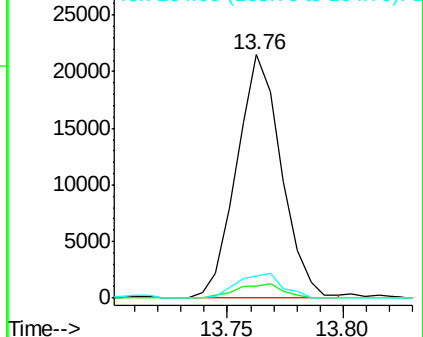
164 9.0 9.2 13.8#

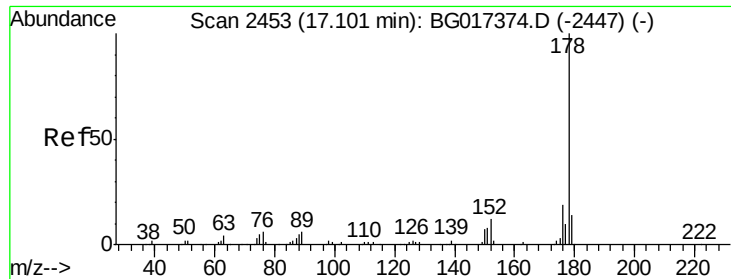


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.22 ng/ul

RT: 17.09 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

Instrument :

BNA_G

ClientSampleId :

BCRF4

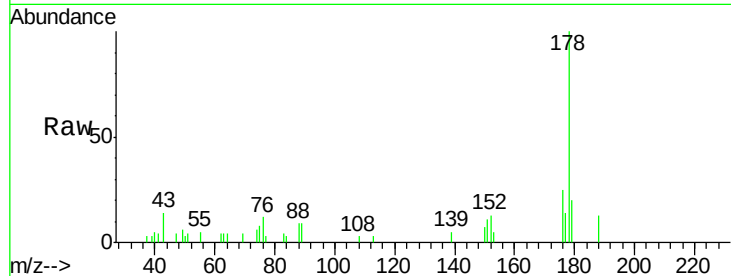
Tgt Ion:178 Resp: 7446

Ion Ratio Lower Upper

178 100

179 19.6 12.4 18.6#

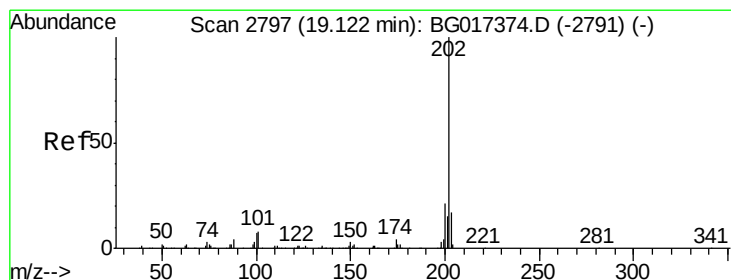
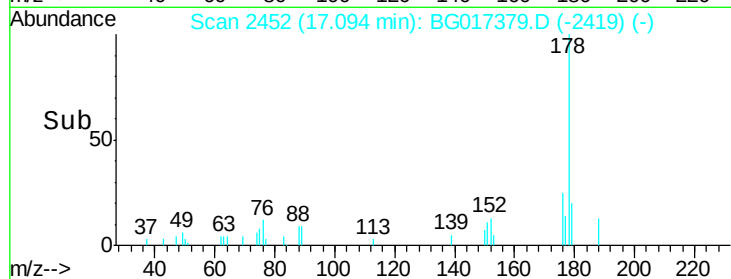
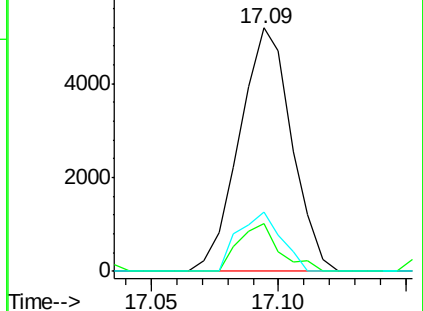
176 24.5 15.5 23.3#



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: 3.61 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

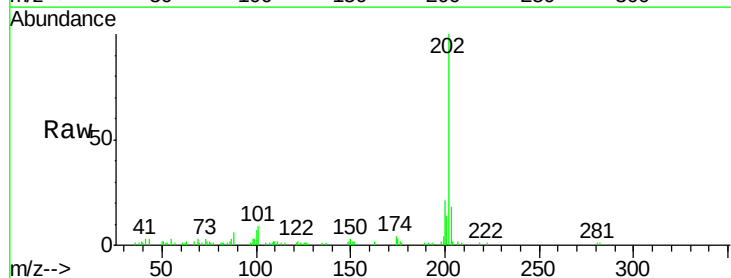
Tgt Ion:202 Resp: 26585

Ion Ratio Lower Upper

202 100

101 9.2 7.8 11.8

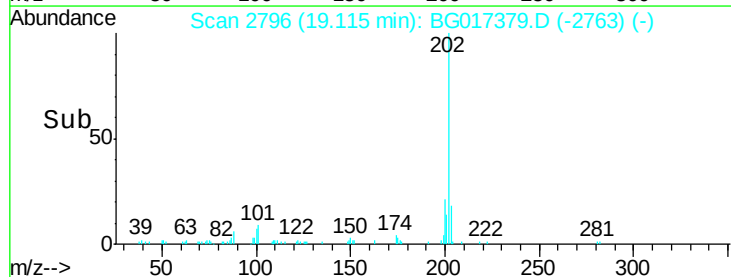
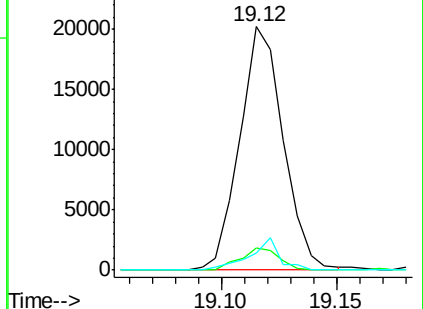
100 7.2 5.8 8.8

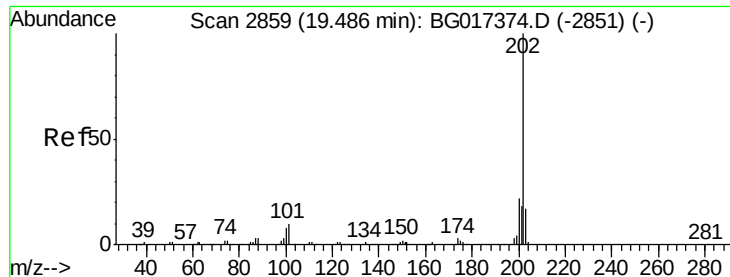


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 4.03 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

Instrument :

BNA_G

ClientSampleId :

BCRF4

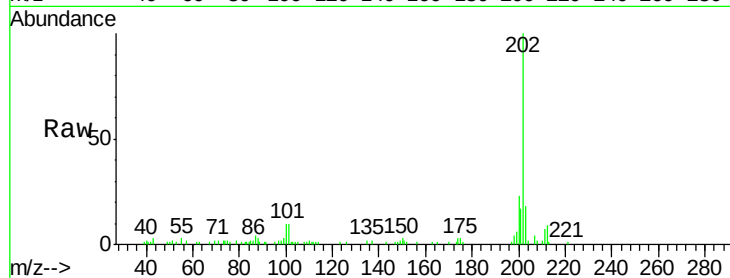
Tgt Ion:202 Resp: 28796

Ion Ratio Lower Upper

202 100

101 10.2 8.6 12.8

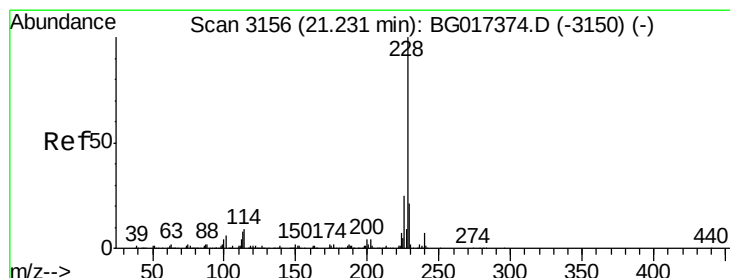
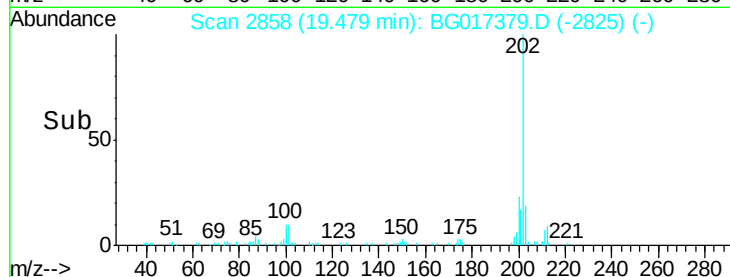
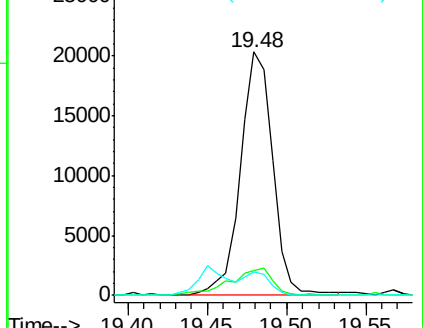
100 9.7 7.4 11.2



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

Benzo(a)anthracene

Concen: 2.24 ng/ul

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

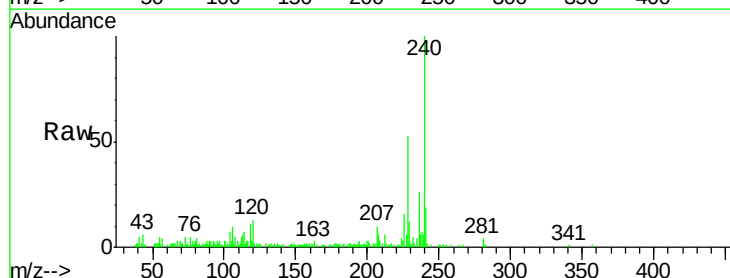
Tgt Ion:228 Resp: 15221

Ion Ratio Lower Upper

228 100

229 21.6 16.2 24.4

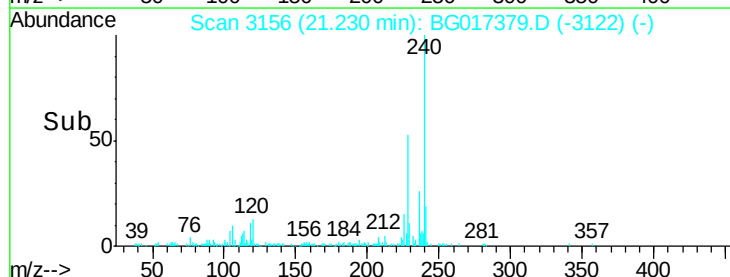
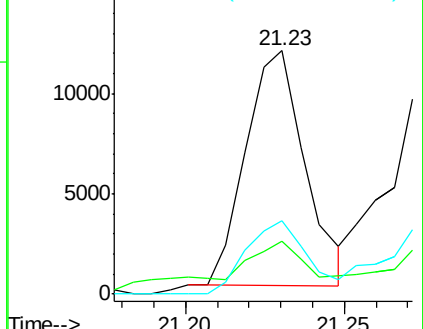
226 30.2 22.2 33.2

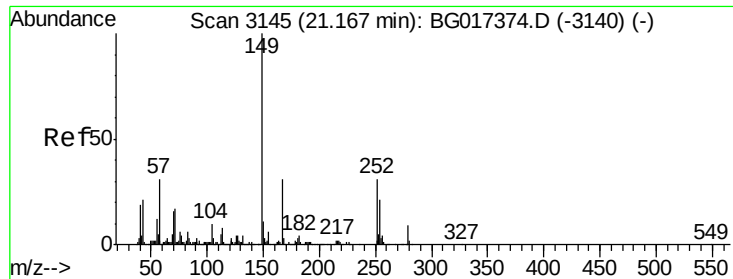


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 5.17 ng/ul

RT: 21.17 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

Instrument :

BNA_G

ClientSampleId :

BCRF4

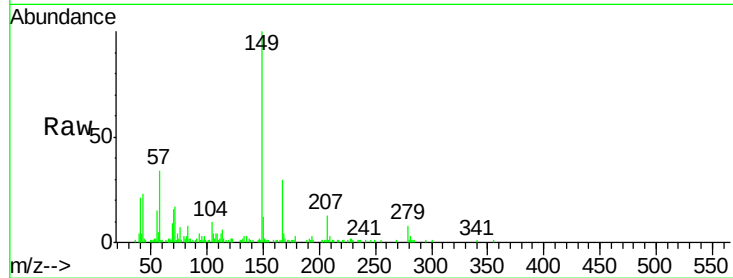
Tgt Ion:149 Resp: 23864

Ion Ratio Lower Upper

149 100

167 29.7 25.1 37.7

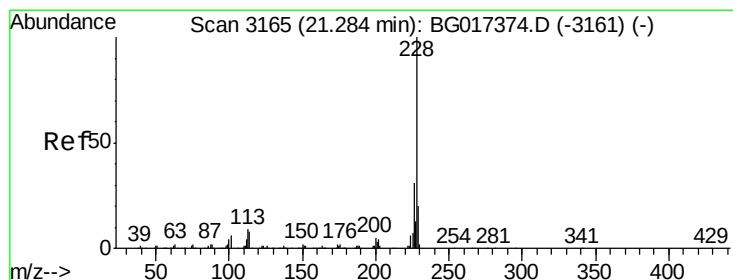
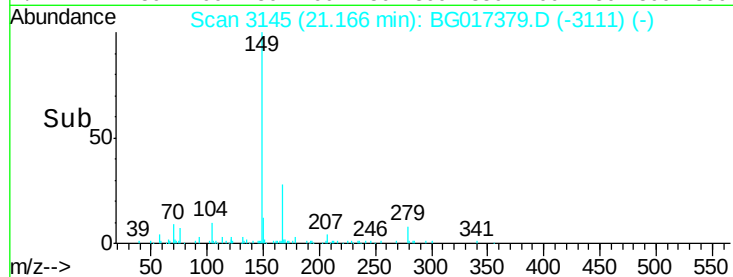
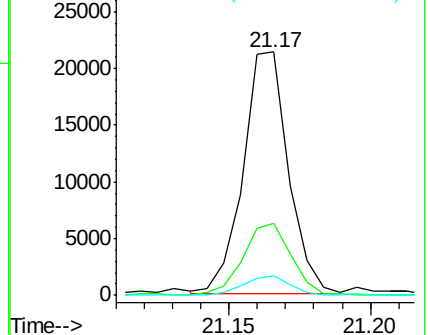
279 7.9 7.0 10.4



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: 3.34 ng/ul

RT: 21.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

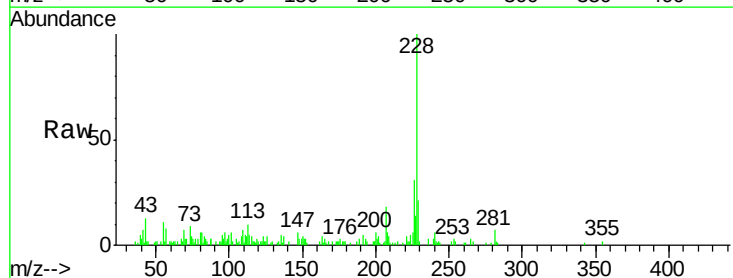
Tgt Ion:228 Resp: 21036

Ion Ratio Lower Upper

228 100

226 30.9 23.0 34.4

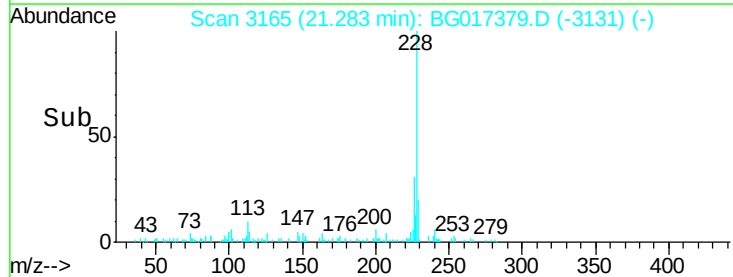
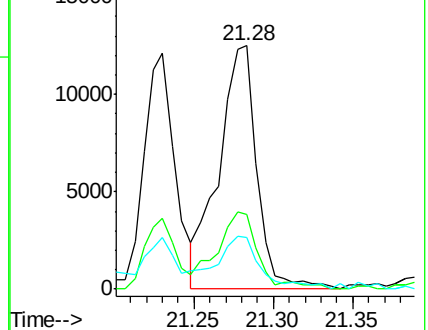
229 21.3 15.7 23.5

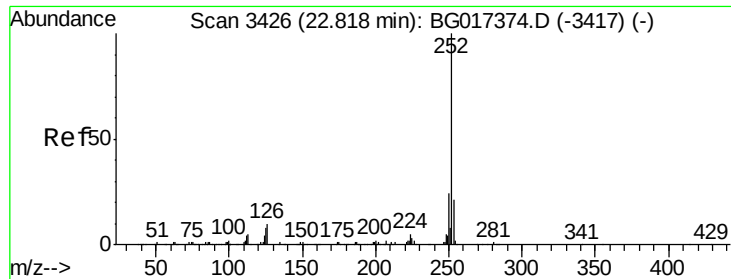


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

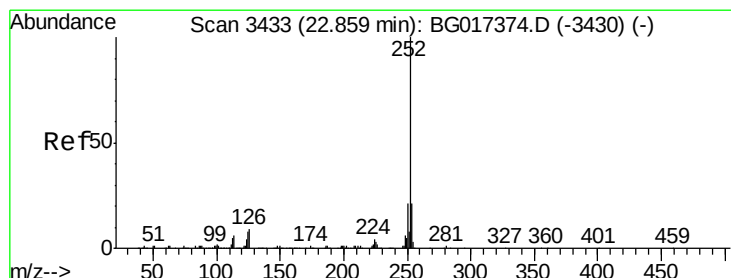
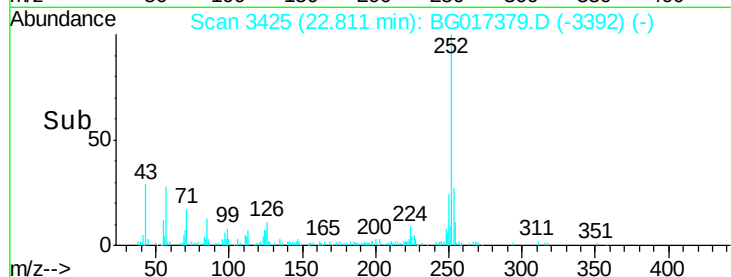
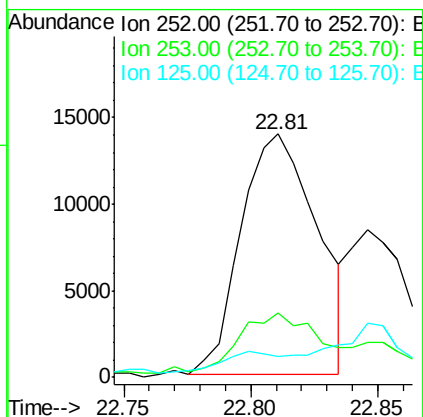
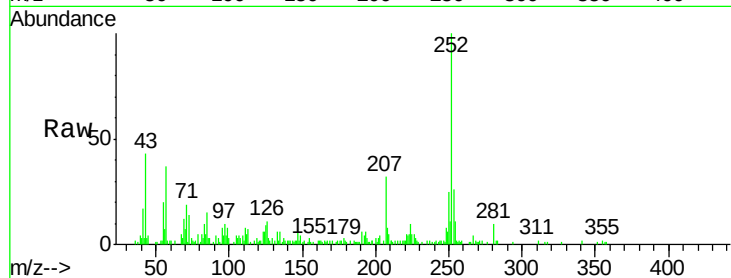




#85
Benzo(b)fluoranthene
Concen: 4.21 ng/ul
RT: 22.81 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BG017379.D
Acq: 1 Jun 2015 21:54

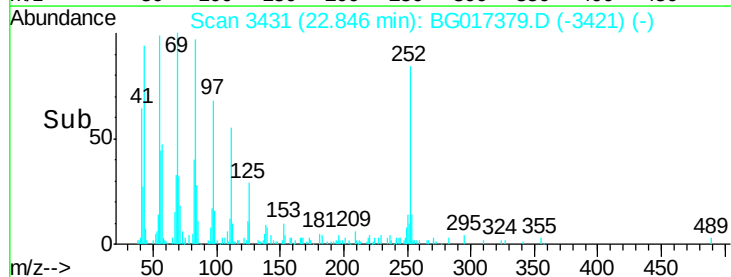
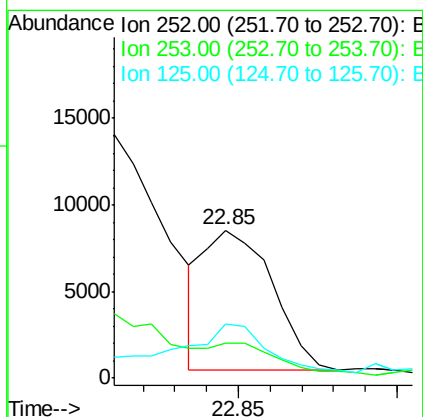
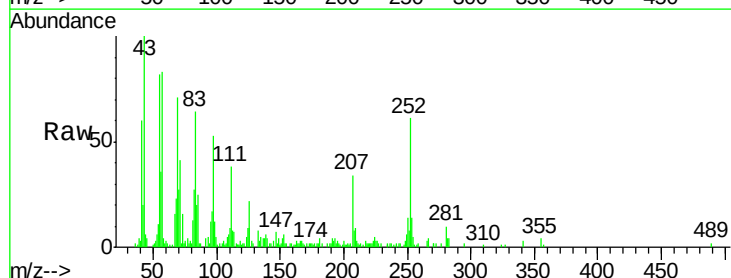
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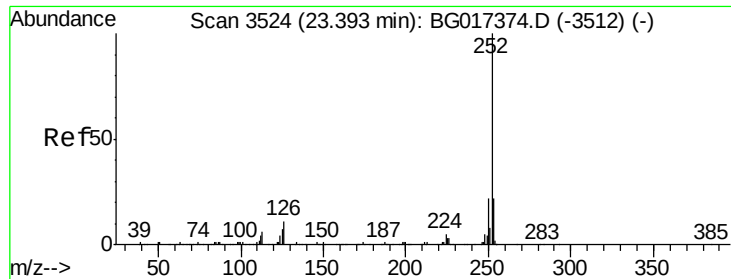
Tgt Ion:252 Resp: 29000
Ion Ratio Lower Upper
252 100
253 26.3 16.6 25.0#
125 8.8 5.4 8.0#



#86
Benzo(k)fluoranthene
Concen: 1.85 ng/ul
RT: 22.85 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BG017379.D
Acq: 1 Jun 2015 21:54

Tgt Ion:252 Resp: 11967
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 36.7 5.8 8.6#





#88

Benzo(a)pyrene

Concen: 3.10 ng/ul

RT: 23.39 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

Instrument :

BNA_G

ClientSampleId :

BCRF4

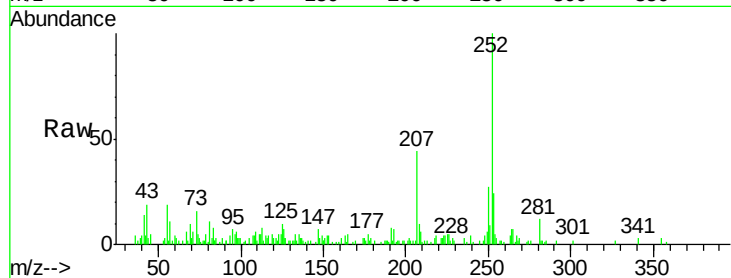
Tgt Ion:252 Resp: 20223

Ion Ratio Lower Upper

252 100

253 24.4 16.9 25.3

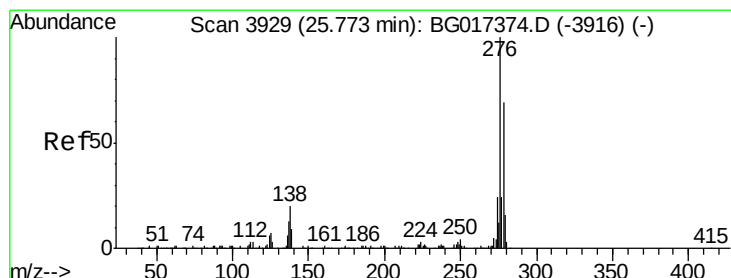
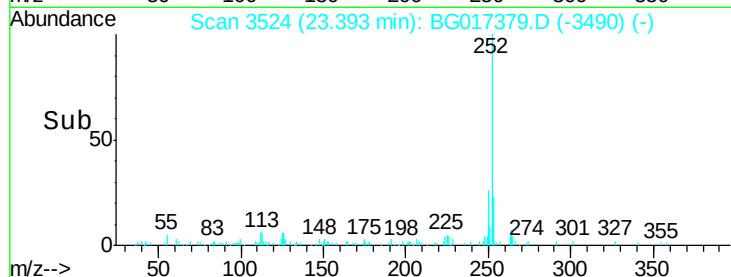
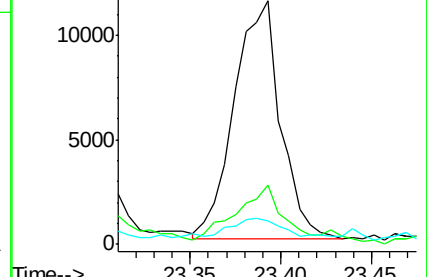
125 9.6 7.0 10.4



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.39 ng/ul

RT: 25.76 min Scan# 3927

Delta R.T. -0.01 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

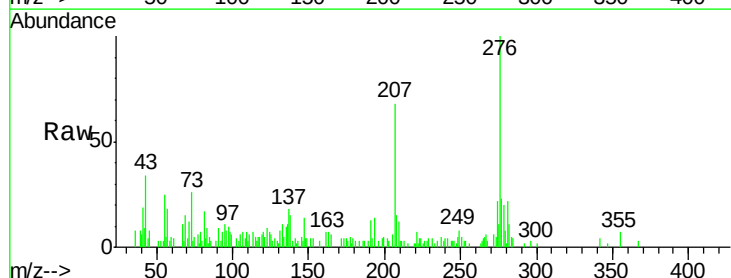
Tgt Ion:276 Resp: 17528

Ion Ratio Lower Upper

276 100

138 14.7 15.3 22.9#

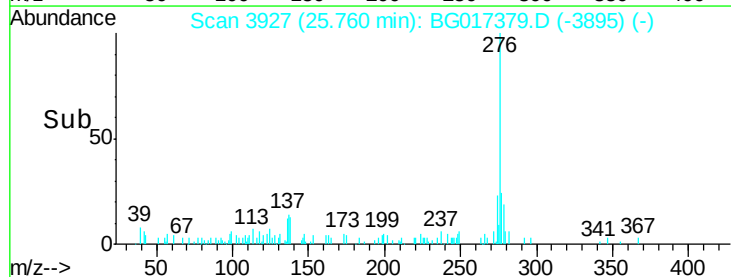
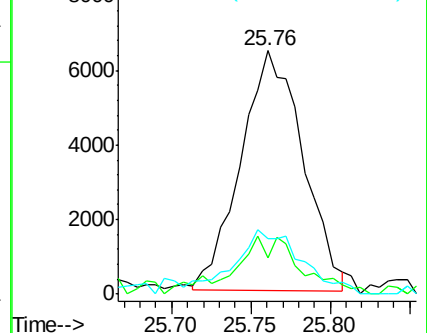
277 22.8 20.8 31.2

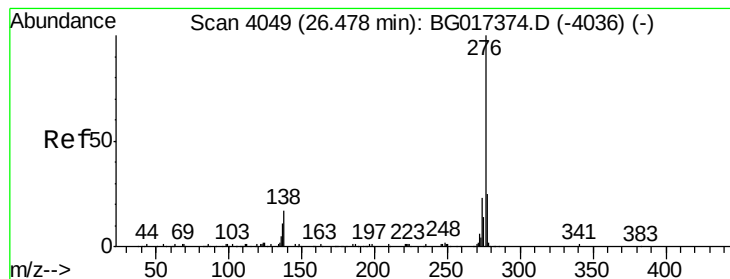


Abundance Ion 276.00 (275.70 to 276.70): E

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: 3.15 ng/ul

RT: 26.47 min Scan# 4047

Delta R.T. -0.01 min

Lab File: BG017379.D

Acq: 1 Jun 2015 21:54

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ClientSampleId :

BCRF4

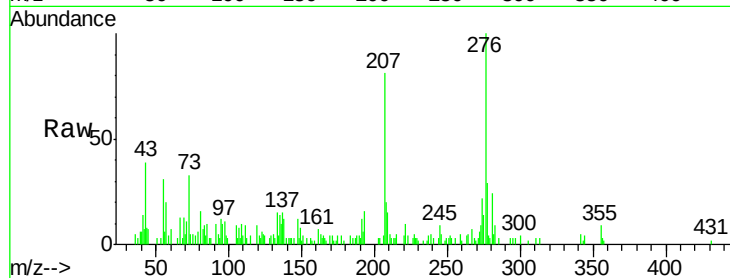
Tgt Ion: 276 Resp: 19333

Ion Ratio Lower Upper

276 100

138 12.4 15.1 22.7#

277 28.8 19.1 28.7#



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

