

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003133.D
 Acq On : 15 Nov 2015 15:34
 Operator : UM/IZ
 Sample : G4401-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC793

Quant Time: Nov 16 02:42:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	117350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	513802	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	287108	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	618497	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	629174	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	636671	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	8471	3.40	ng/uL	0.00
5) Phenol-d5	6.90	99	161708	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	98236	18.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	144458	18.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	136615	18.26	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	68042	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	71388	22.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	129630	18.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	174430	18.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	436890	20.23	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	493985	18.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	56682	15.57	ng/ul	0.00
58) Fluorene-d10	15.39	176	366764	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	39462	13.78	ng/ul	0.00
71) Anthracene-d10	17.23	188	532629	19.43	ng/ul	0.00
79) Pyrene-d10	19.53	212	541012	17.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	580279	19.18	ng/ul	0.00

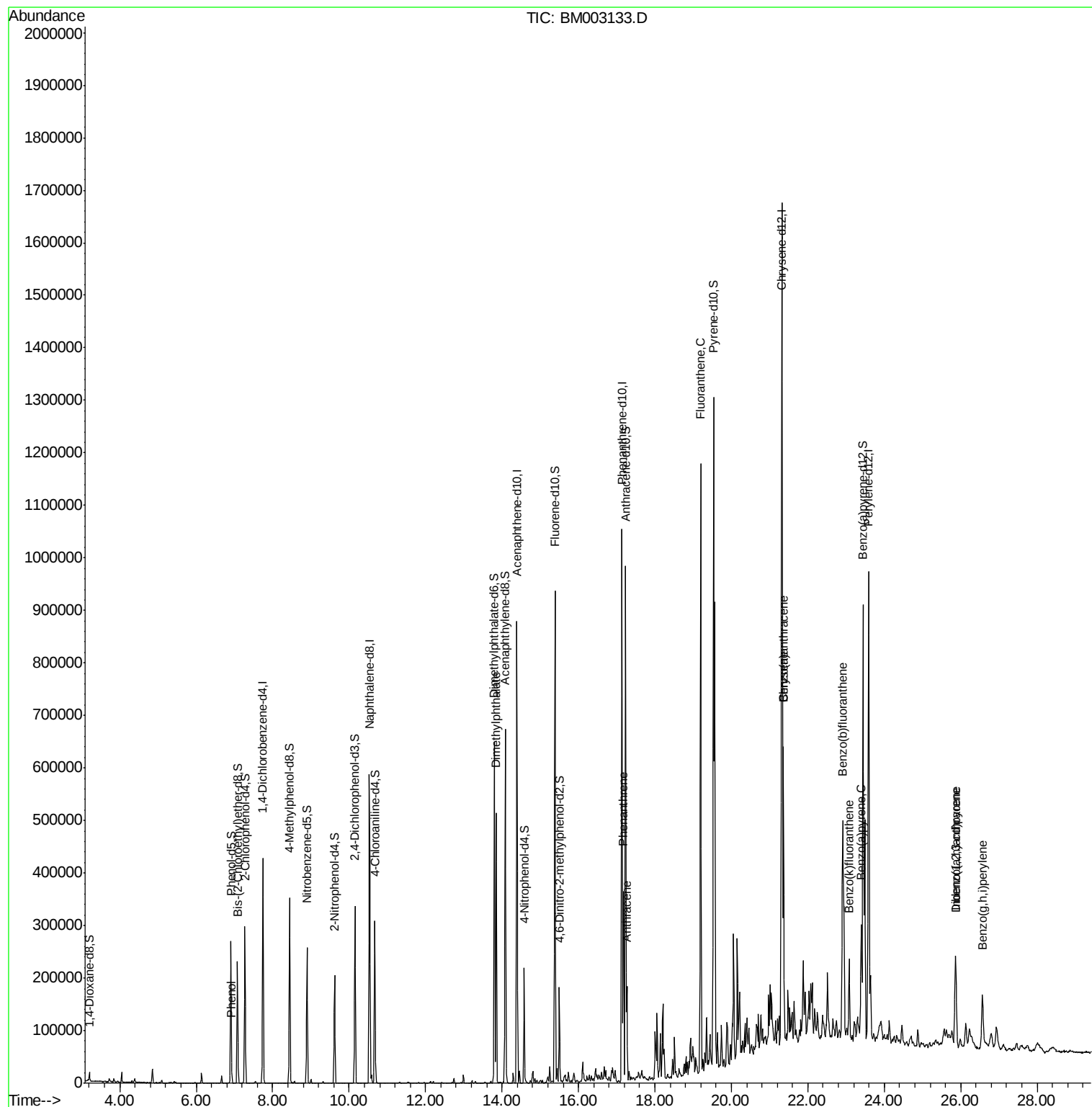
Target Compounds				Qvalue		
6) Phenol	6.93	94	9934	1.04	ng/ul#	87
45) Dimethylphthalate	13.85	163	330792	15.03	ng/ul	99
70) Phenanthrene	17.18	178	225485	6.44	ng/ul	99
72) Anthracene	17.27	178	107579	3.14	ng/ul	99
77) Fluoranthene	19.20	202	665159	18.78	ng/ul	95
83) Benzo(a)anthracene	21.36	228	294493	8.52	ng/ul	94
85) Chrysene	21.36	228	295269	8.64	ng/ul	97
88) Benzo(b)fluoranthene	22.91	252	373909	10.19	ng/ul	98
89) Benzo(k)fluoranthene	23.08	252	79597	2.33	ng/ul#	93
91) Benzo(a)pyrene	23.39	252	154258	4.44	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.87	276	164814	4.31	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.88	278	45064	1.50	ng/ul	95
94) Benzo(g,h,i)perylene	26.57	276	121140	3.53	ng/ul#	93

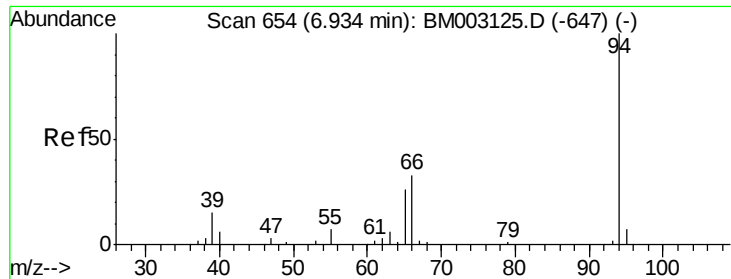
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.04 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Instrument :

BNA_M

ClientSampleId :

BC793

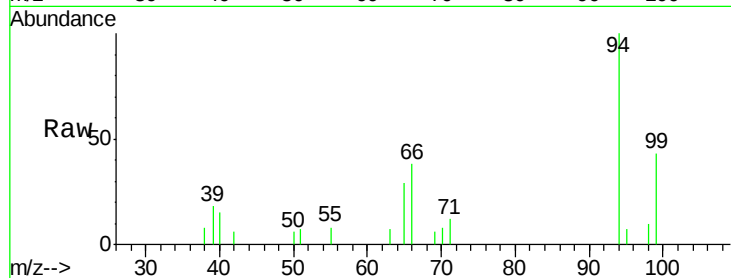
Tgt Ion: 94 Resp: 9934

Ion Ratio Lower Upper

94 100

65 28.9 18.7 28.1#

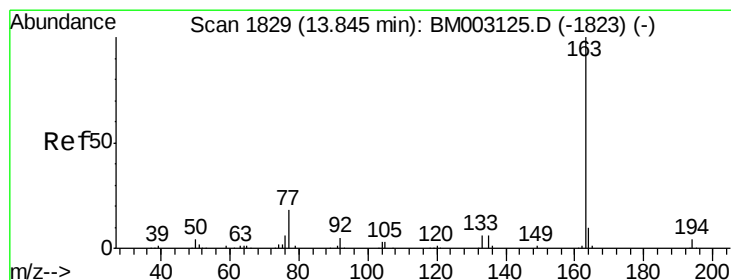
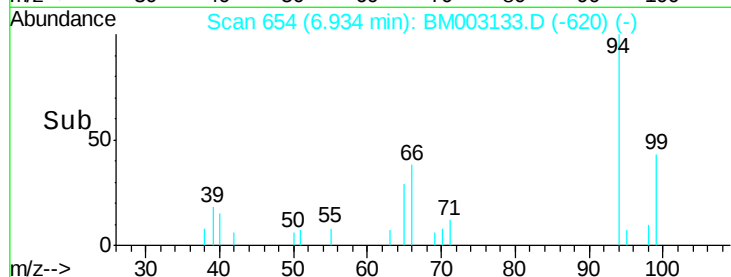
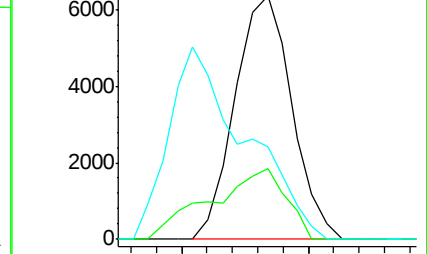
66 37.9 24.2 36.2#



Abundance Ion 94.00 (93.70 to 94.70): BM003125.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM003125.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM003125.D (-647) (-)



#45

Dimethylphthalate

Concen: 15.03 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

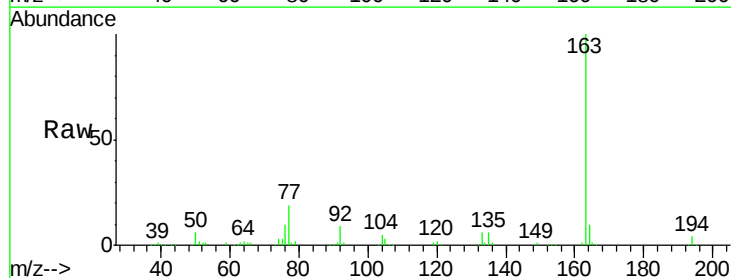
Tgt Ion: 163 Resp: 330792

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

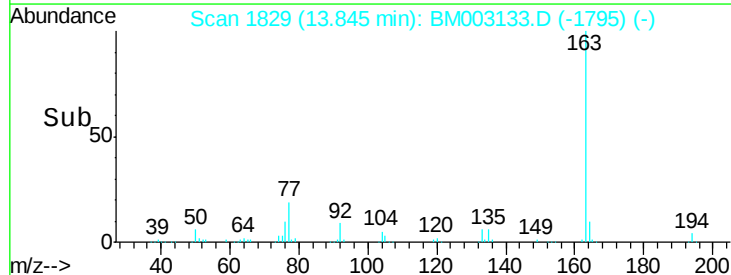
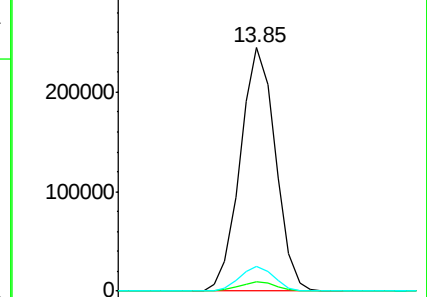
164 10.1 7.8 11.8

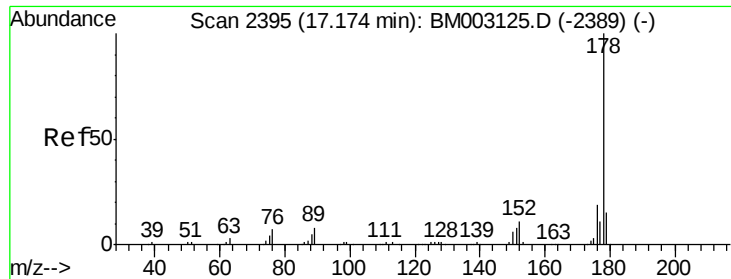


Abundance Ion 163.00 (162.70 to 163.70): BM003125.D (-1823) (-)

Ion 194.00 (193.70 to 194.70): BM003125.D (-1823) (-)

Ion 164.00 (163.70 to 164.70): BM003125.D (-1823) (-)





#70

Phenanthrene

Concen: 6.44 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Instrument :

BNA_M

ClientSampleId :

BC793

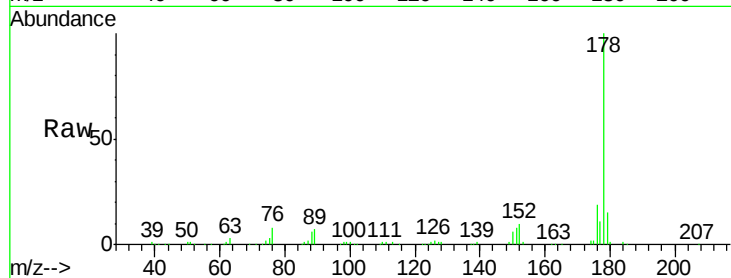
Tgt Ion:178 Resp: 225485

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

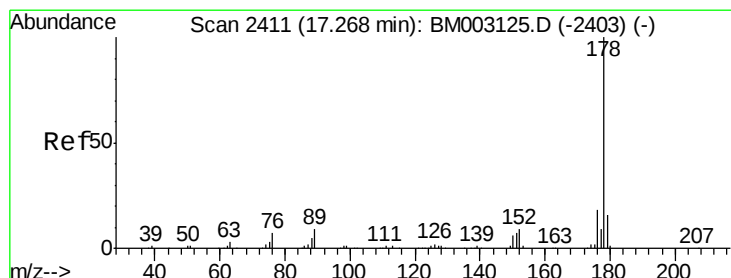
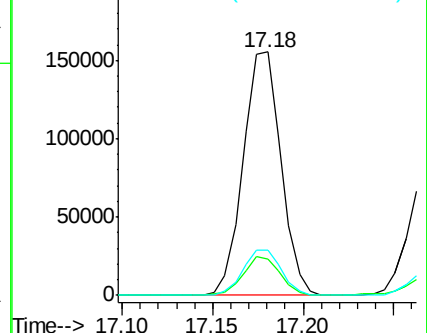
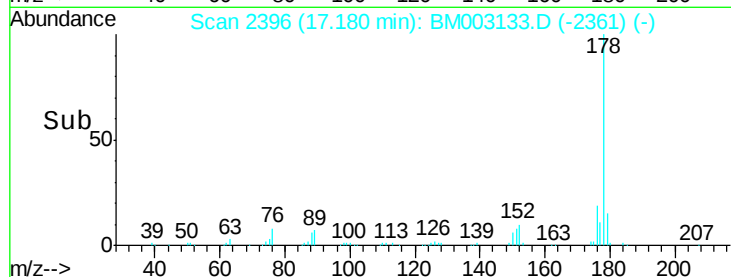
176 18.6 14.7 22.1



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: 3.14 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

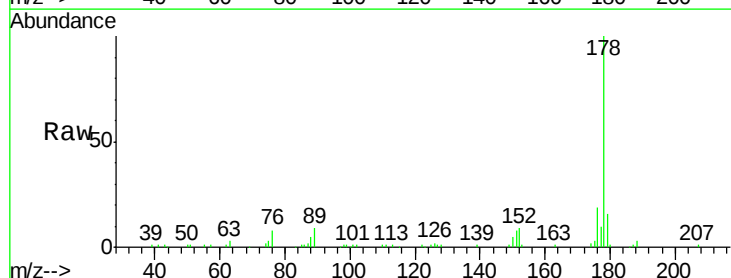
Tgt Ion:178 Resp: 107579

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

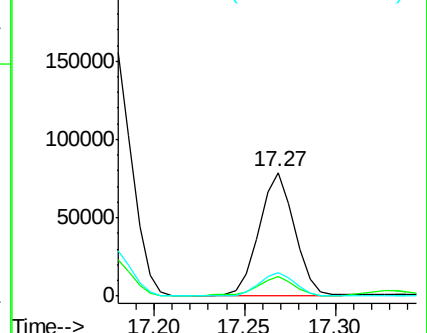
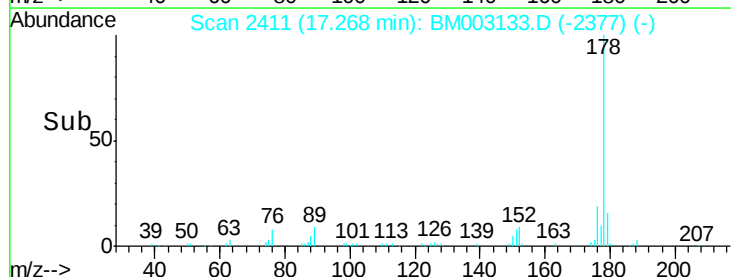
176 18.7 14.4 21.6

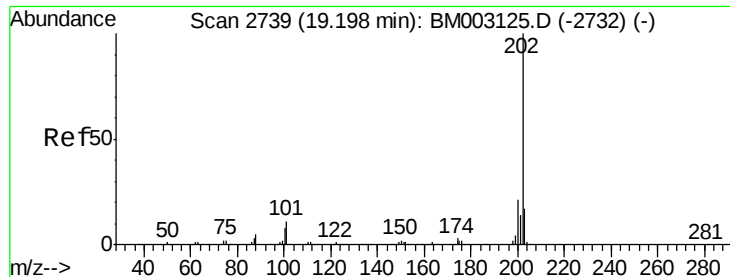


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

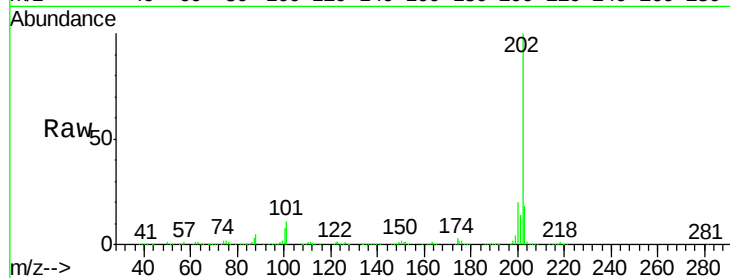




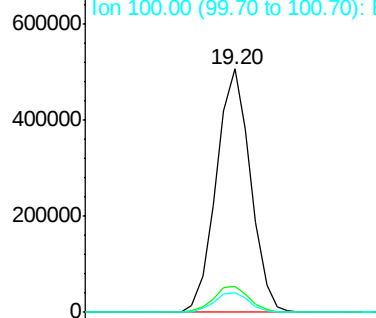
#77
 Fluoranthene
 Concen: 18.78 ng/ul
 RT: 19.20 min Scan# 2739
 Delta R.T. 0.00 min
 Lab File: BM003133.D
 Acq: 15 Nov 2015 15:34

Instrument :
 BNA_M
 ClientSampleId :
 BC793

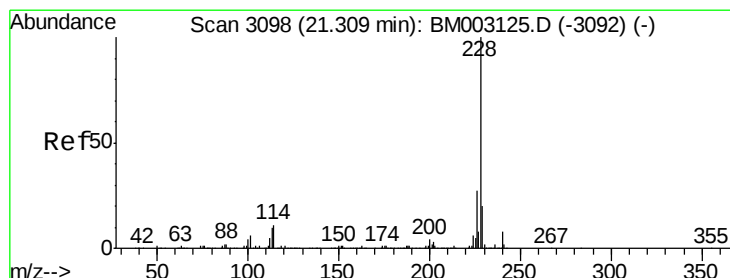
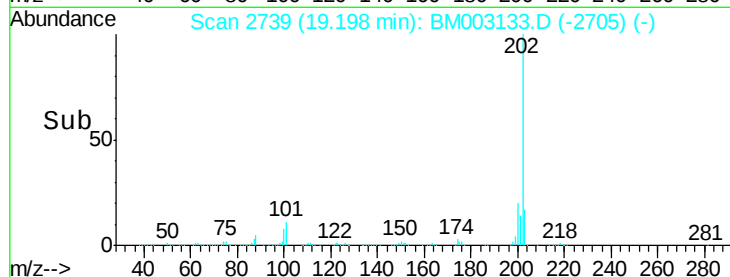
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.4	15.6
100	8.1	7.8	11.6



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

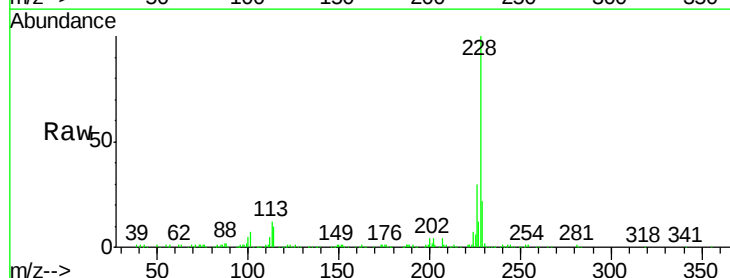


Time-->

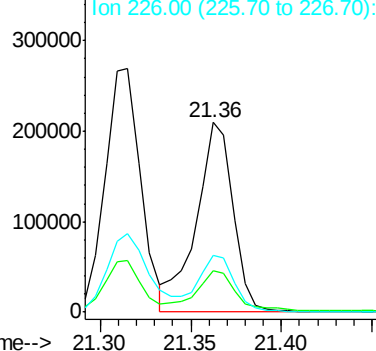


#83
 Benzo(a)anthracene
 Concen: 8.52 ng/ul
 RT: 21.36 min Scan# 3107
 Delta R.T. 0.05 min
 Lab File: BM003133.D
 Acq: 15 Nov 2015 15:34

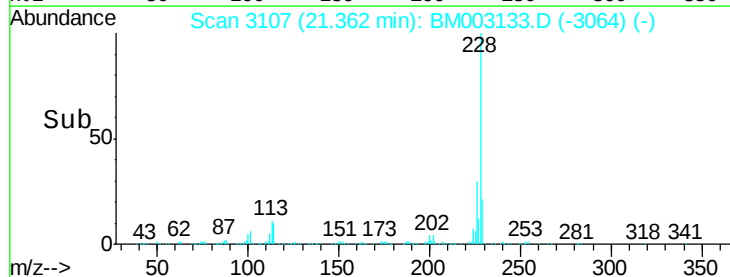
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	29.9	21.0	31.6

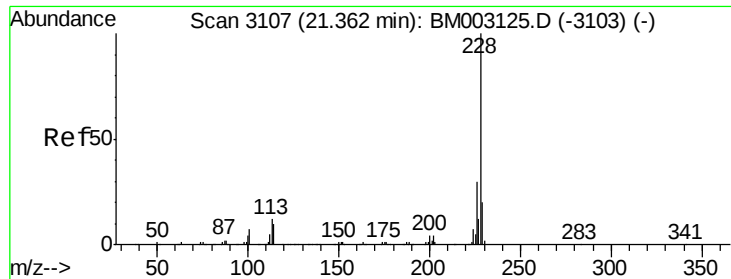


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E



Time-->





#85

Chrysene

Concen: 8.64 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Instrument :

BNA_M

ClientSampleId :

BC793

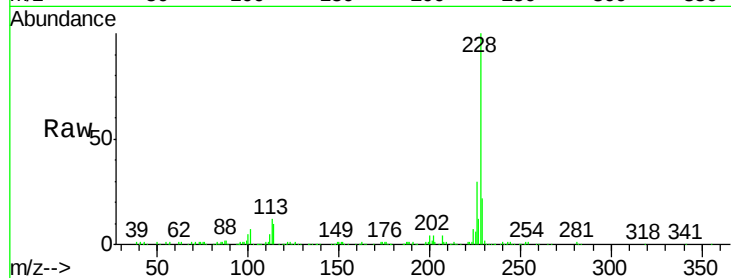
Tgt Ion:228 Resp: 295269

Ion Ratio Lower Upper

228 100

226 29.9 23.3 34.9

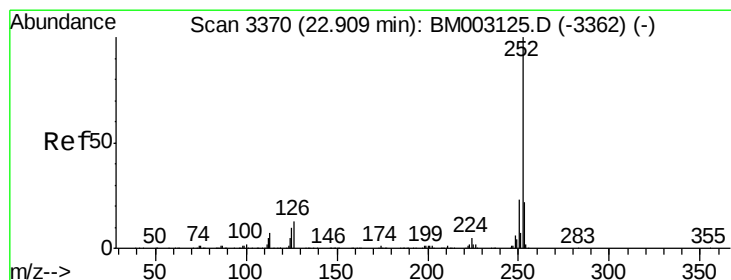
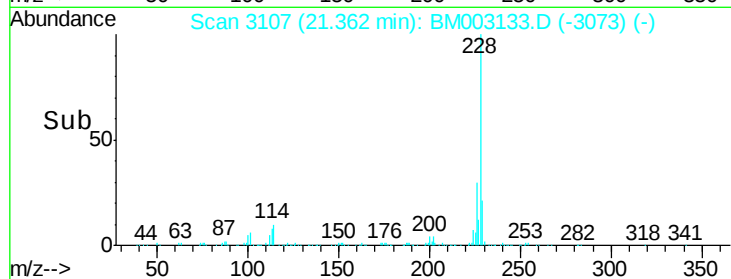
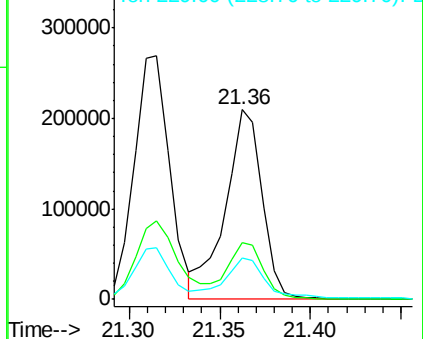
229 22.0 15.8 23.6



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



#88

Benzo(b)fluoranthene

Concen: 10.19 ng/ul

RT: 22.91 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

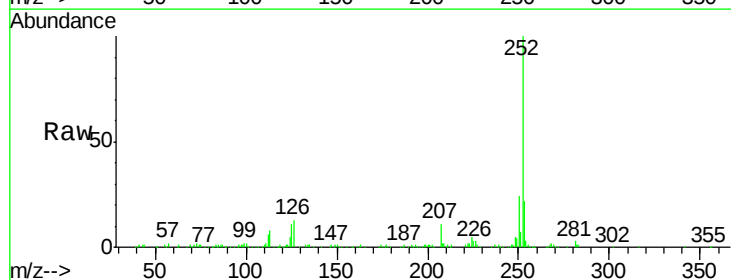
Tgt Ion:252 Resp: 373909

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

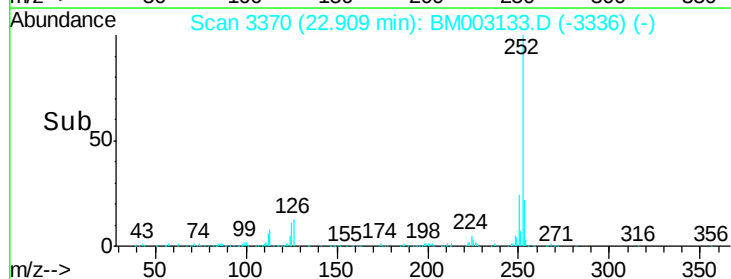
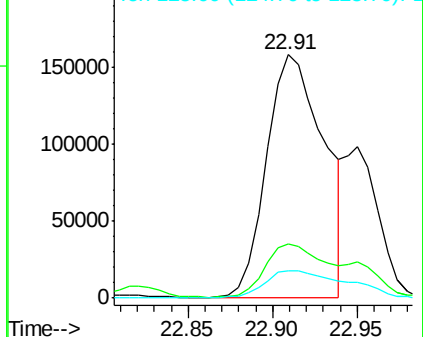
125 11.4 10.7 16.1

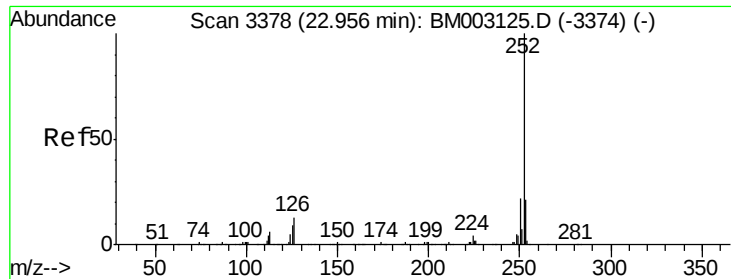


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.33 ng/ul

RT: 23.08 min Scan# 3399

Delta R.T. 0.12 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

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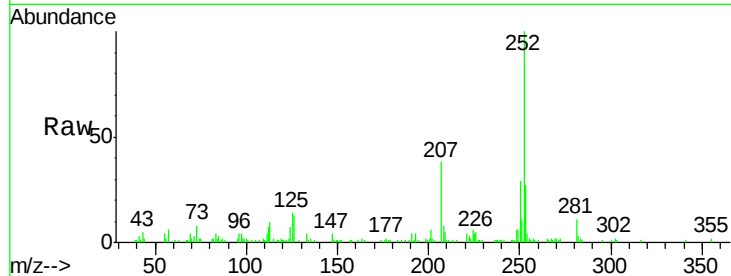
Tgt Ion:252 Resp: 79597

Ion Ratio Lower Upper

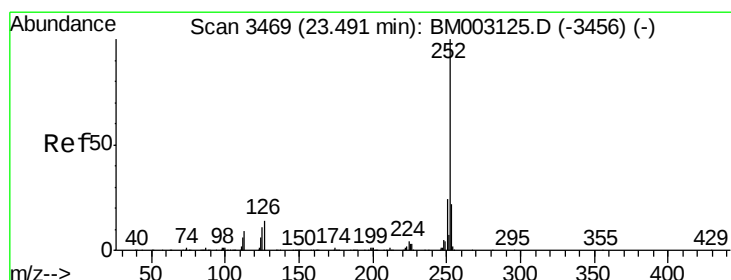
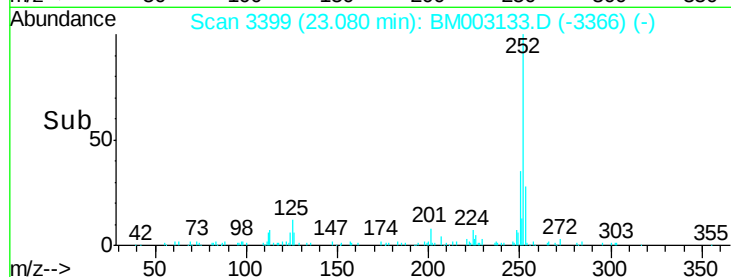
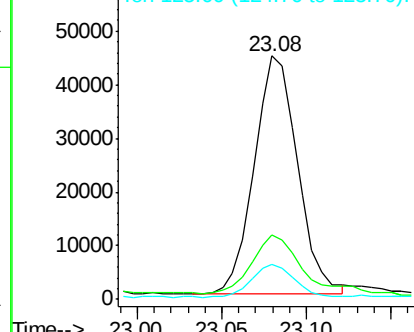
252 100

253 26.7 17.4 26.0#

125 14.2 11.1 16.7



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



#91

Benzo(a)pyrene

Concen: 4.44 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.10 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

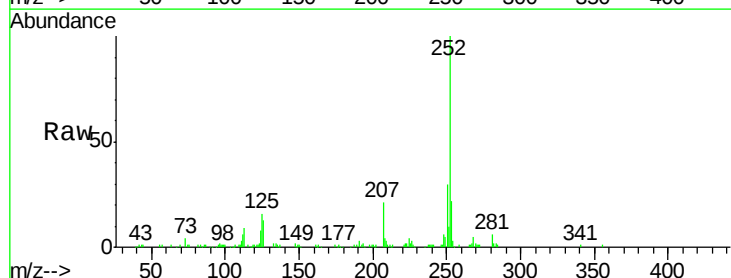
Tgt Ion:252 Resp: 154258

Ion Ratio Lower Upper

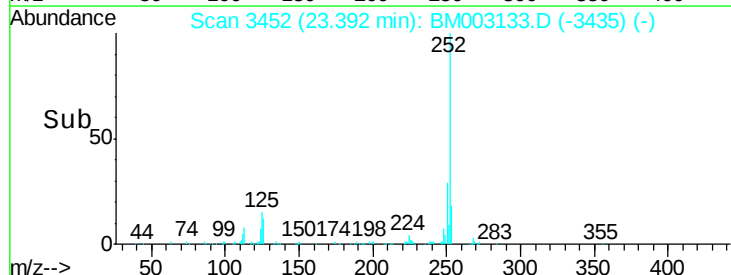
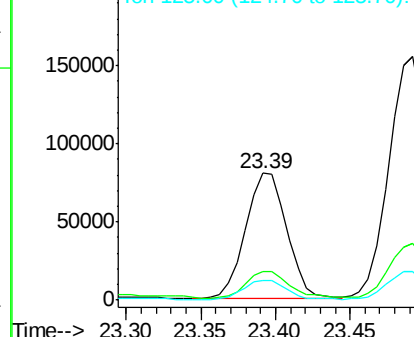
252 100

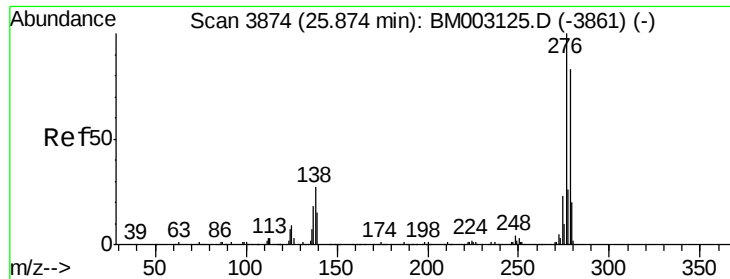
253 22.2 17.1 25.7

125 15.7 11.9 17.9



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





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.31 ng/ul

RT: 25.87 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

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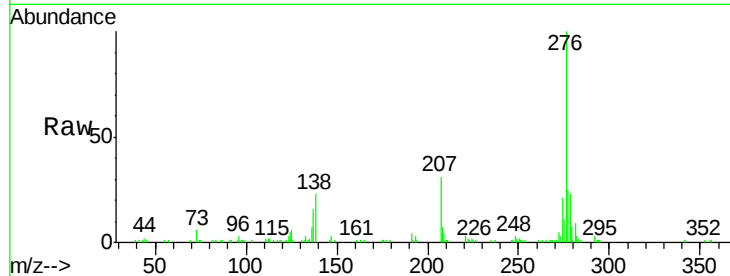
Tgt Ion:276 Resp: 164814

Ion Ratio Lower Upper

276 100

138 22.9 26.6 40.0#

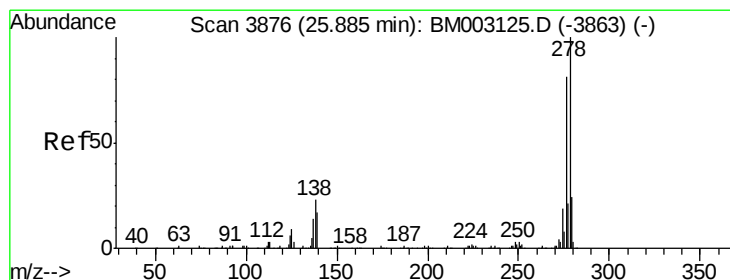
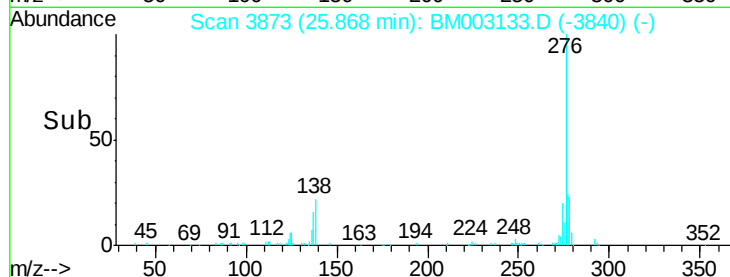
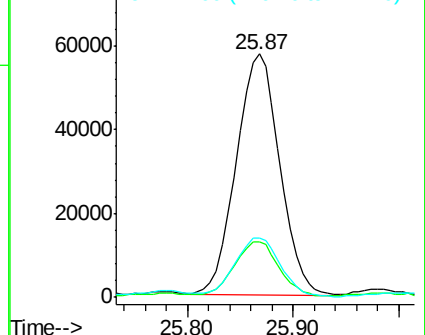
277 24.5 20.2 30.4



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



#93

Dibenzo(a,h)anthracene

Concen: 1.50 ng/ul

RT: 25.88 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

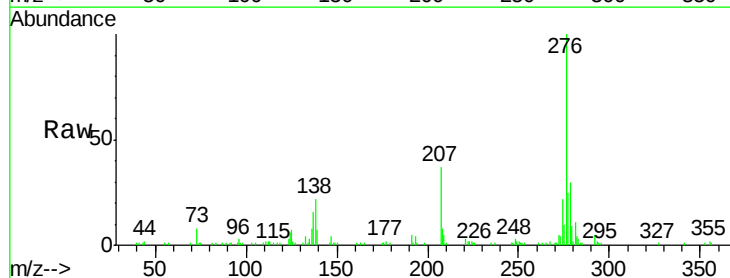
Tgt Ion:278 Resp: 45064

Ion Ratio Lower Upper

278 100

139 22.3 18.8 28.2

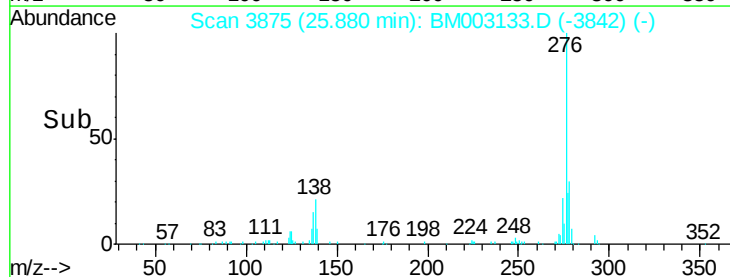
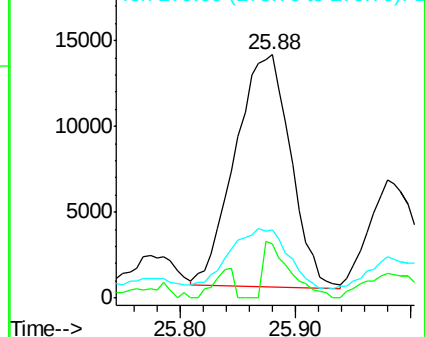
279 28.3 19.3 28.9

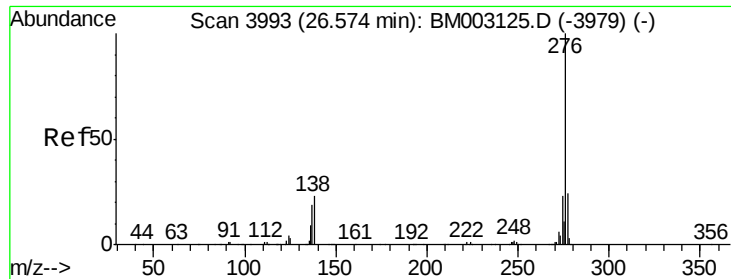


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 3.53 ng/ul

RT: 26.57 min Scan# 3992

Delta R.T. -0.01 min

Lab File: BM003133.D

Acq: 15 Nov 2015 15:34

Instrument :

BNA_M

ClientSampleId :

BC793

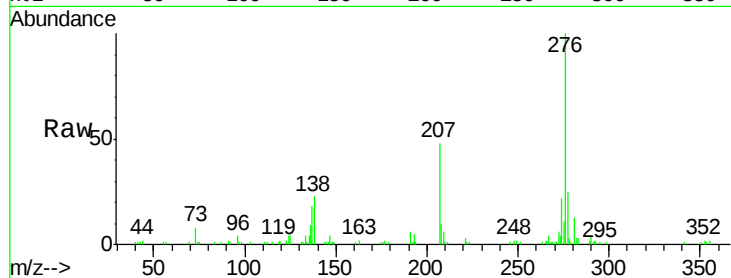
Tgt Ion: 276 Resp: 121140

Ion Ratio Lower Upper

276 100

138 23.3 23.8 35.6#

277 25.1 19.4 29.2



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

