

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010473.D
 Acq On : 10 Jun 2017 02:51
 Operator : SJ/MA
 Sample : I3520-20
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B77

Quant Time: Jun 10 04:01:57 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 10 02:32:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	274766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1043553	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	714123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1732210	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1884499	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1711233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	24986	3.73	ng/uL	0.00
5) Phenol-d5	7.09	99	439474	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	254404	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	394953	23.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	357440	21.28	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	181504	23.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	231400	26.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	472529	25.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	206789	11.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1628090	27.44	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1792396	25.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	173336	19.53	ng/ul	0.00
57) Fluorene-d10	15.53	176	1392203	26.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	266800	21.74	ng/ul	0.00
70) Anthracene-d10	17.38	188	2237631	26.55	ng/ul	0.00
76) Pyrene-d10	19.67	212	2590629	33.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	2061394	25.87	ng/ul	0.00

Target Compounds

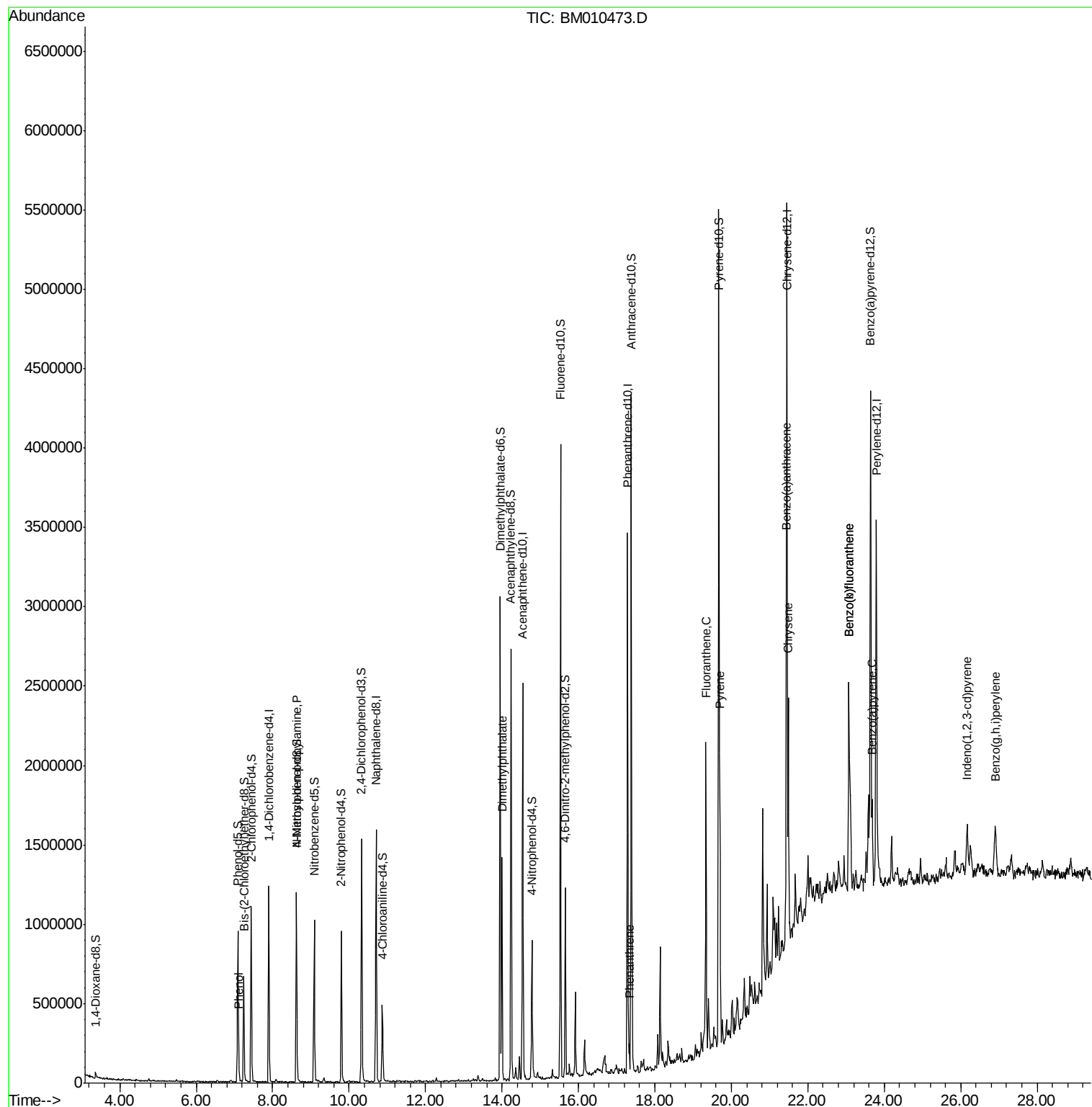
					Qvalue	
6) Phenol	7.12	94	31534	1.477	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.63	70	16240	1.185	ng/ul#	1
44) Dimethylphthalate	14.00	163	708334	12.139	ng/ul	99
69) Phenanthrene	17.33	178	95526	1.033	ng/ul#	94
74) Fluoranthene	19.33	202	1069981	9.409	ng/ul	98
77) Pyrene	19.70	202	1066504	10.982	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	579720	5.455	ng/ul	98
82) Chrysene	21.49	228	861105	8.964	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	1108997	11.137	ng/ul	99
86) Benzo(k)fluoranthene	23.07	252	1108997	11.658	ng/ul	97
88) Benzo(a)pyrene	23.69	252	391060	3.962	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.17	276	304408	2.441	ng/ul#	93
91) Benzo(g,h,i)perylene	26.90	276	212814	2.072	ng/ul#	96

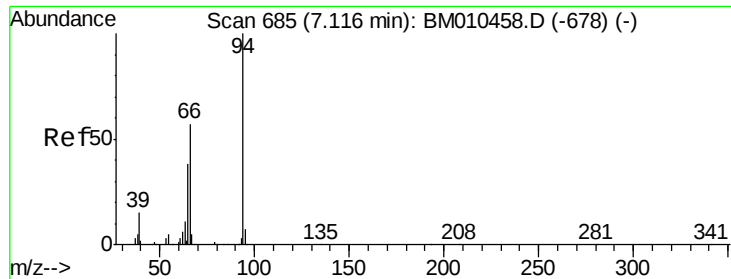
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.477 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

BNA_M

ClientSampleId :

F5B77

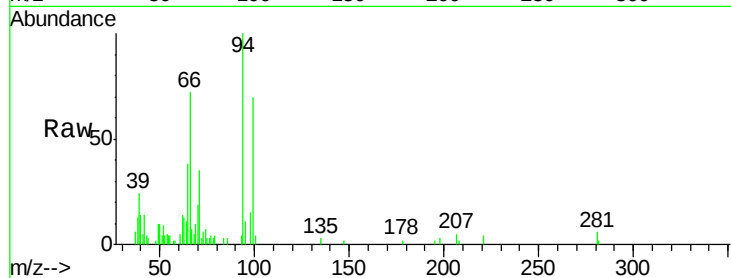
Tgt Ion: 94 Resp: 31534

Ion Ratio Lower Upper

94 100

65 38.2 28.2 42.4

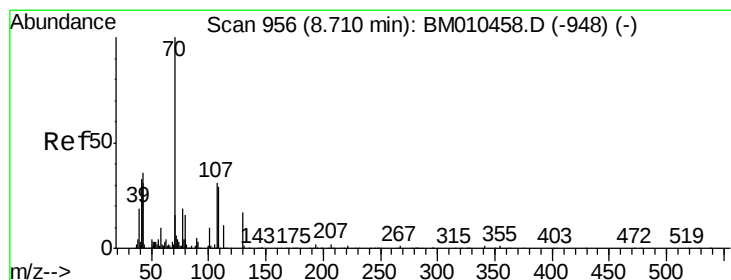
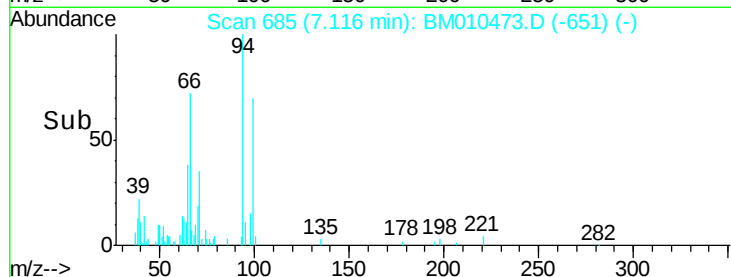
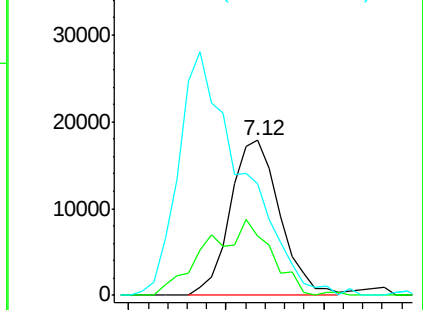
66 72.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM010458.D (-678) (-)

Ion 65.00 (64.70 to 65.70): BM010458.D (-678) (-)

Ion 66.00 (65.70 to 66.70): BM010458.D (-678) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.185 ng/ul

RT: 8.63 min Scan# 942

Delta R.T. -0.08 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Tgt Ion: 70 Resp: 16240

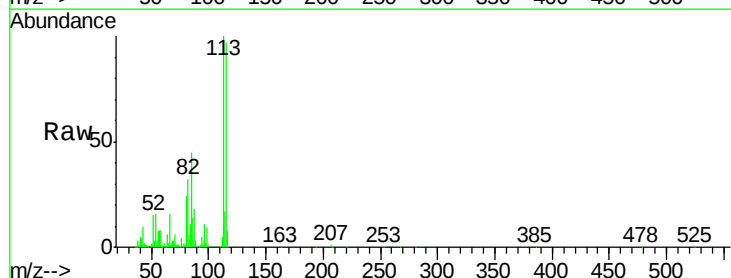
Ion Ratio Lower Upper

70 100

42 170.6 41.1 61.7#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

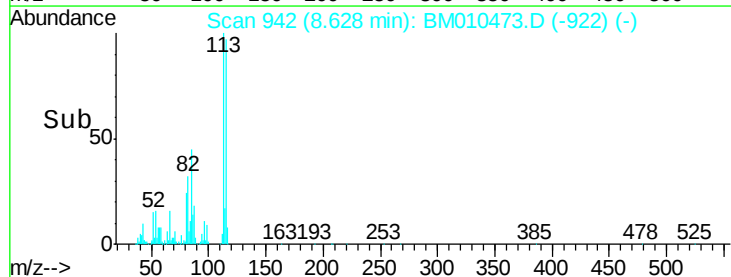
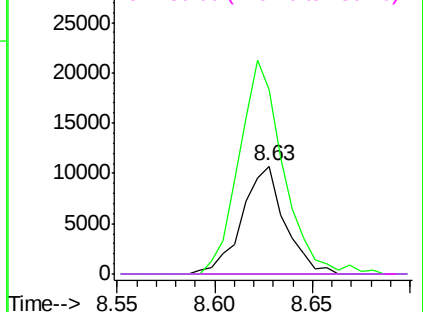


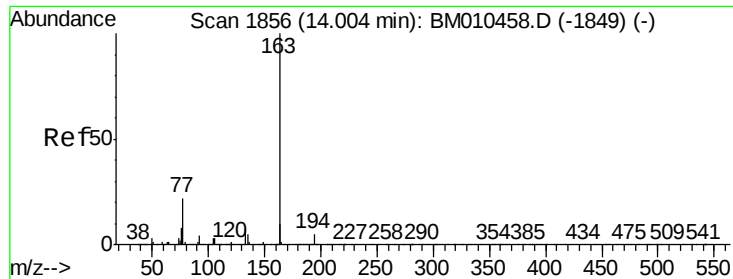
Abundance Ion 70.00 (69.70 to 70.70): BM010458.D (-948) (-)

Ion 42.00 (41.70 to 42.70): BM010458.D (-948) (-)

Ion 101.00 (100.70 to 101.70): BM010458.D (-948) (-)

Ion 130.00 (129.70 to 130.70): BM010458.D (-948) (-)

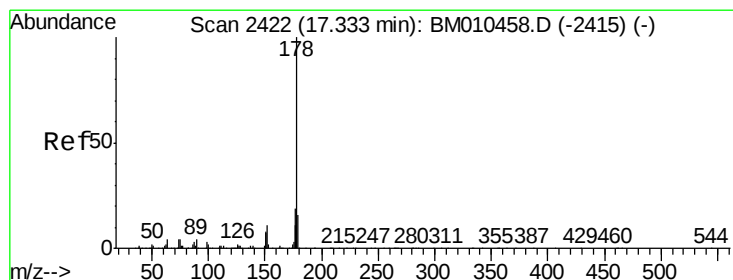
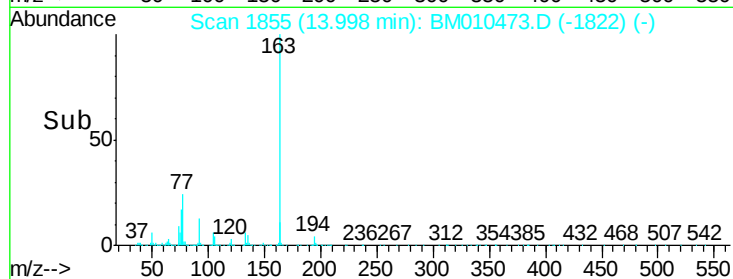
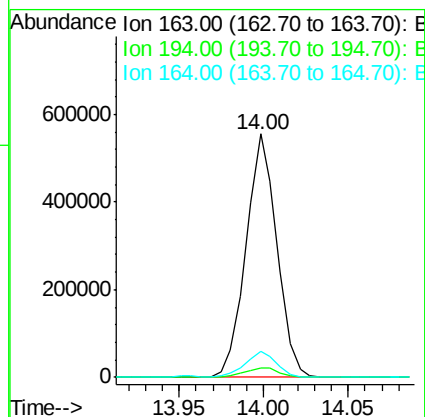
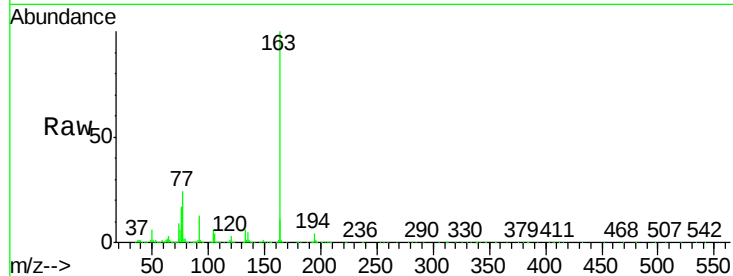




#44
Dimethylphthalate
Concen: 12.139 ng/ul
RT: 14.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

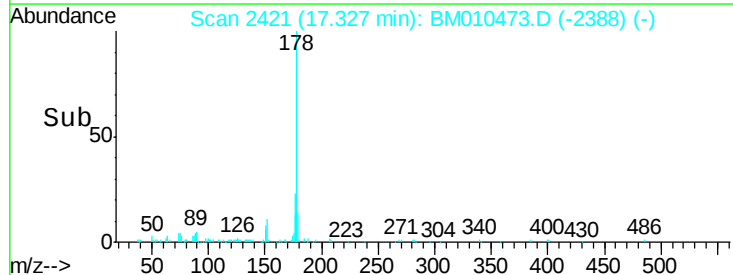
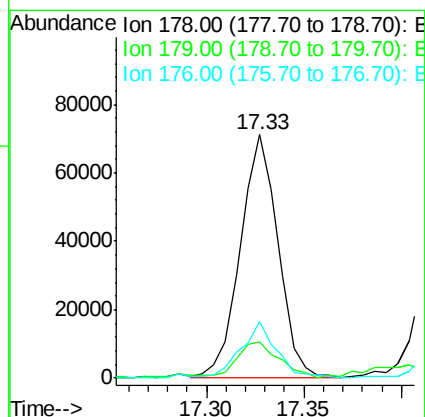
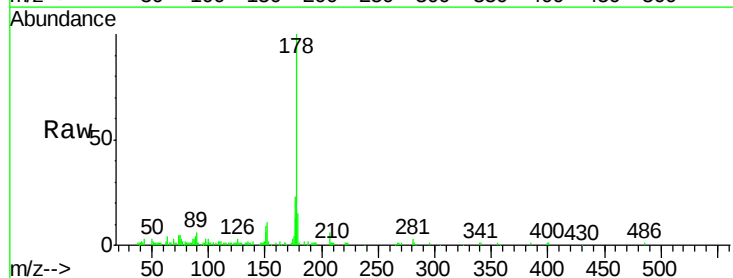
Instrument :
BNA_M
ClientSampleId :
F5B77

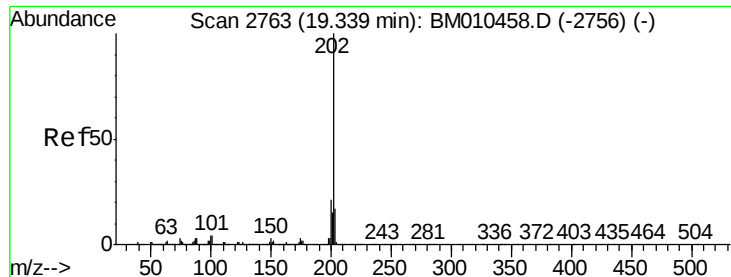
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.6	8.2	12.4



#69
Phenanthrene
Concen: 1.033 ng/ul
RT: 17.33 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	23.2	14.9	22.3

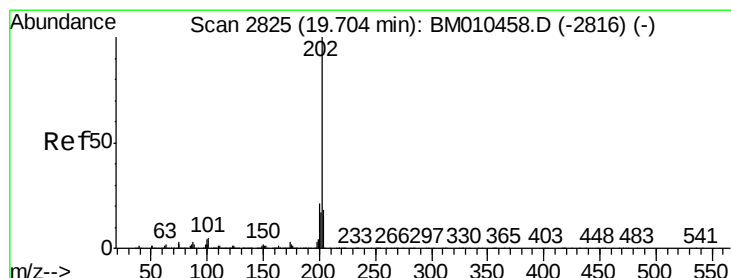
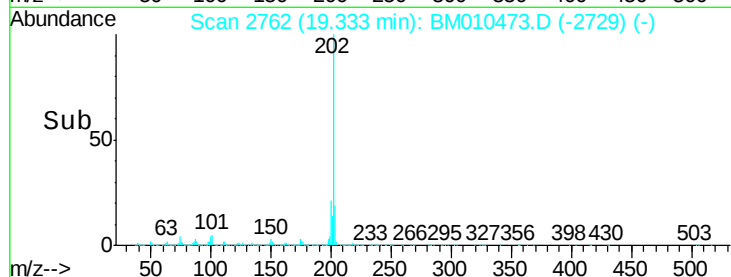
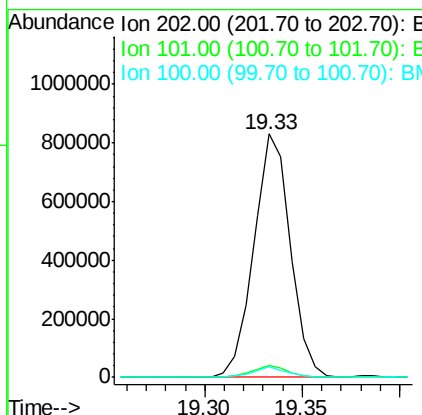
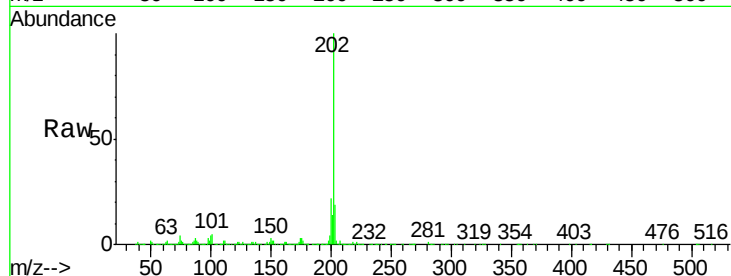




#74
Fluoranthene
Concen: 9.409 ng/ul
RT: 19.33 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

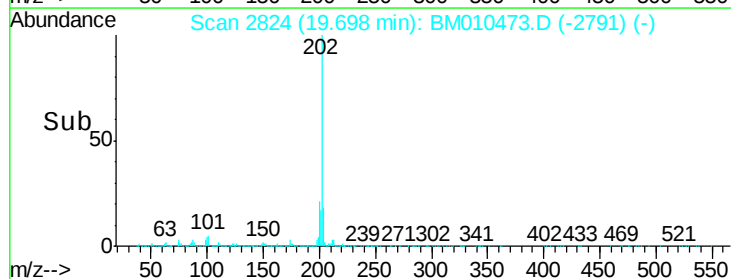
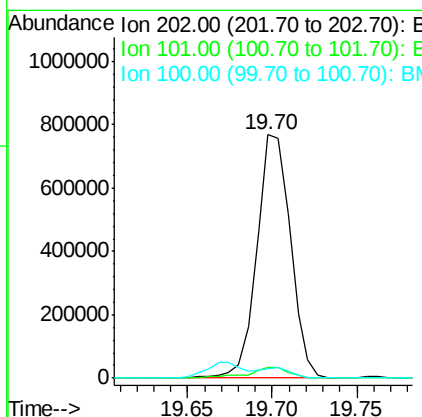
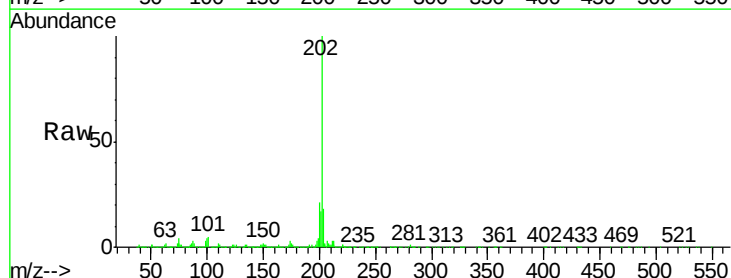
Instrument :
BNA_M
ClientSampled :
F5B77

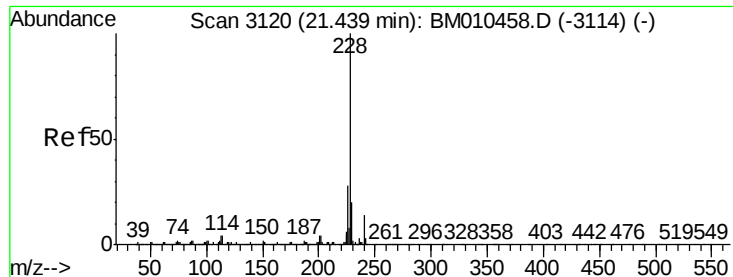
Tgt Ion:202 Resp: 1069981
Ion Ratio Lower Upper
202 100
101 4.8 4.6 7.0
100 4.1 3.4 5.2



#77
Pyrene
Concen: 10.982 ng/ul
RT: 19.70 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM010473.D
Acq: 10 Jun 2017 02:51

Tgt Ion:202 Resp: 1066504
Ion Ratio Lower Upper
202 100
101 4.6 5.1 7.7#
100 4.0 4.9 7.3#





#80

Benzo(a)anthracene

Concen: 5.455 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

BNA_M

ClientSampleId :

F5B77

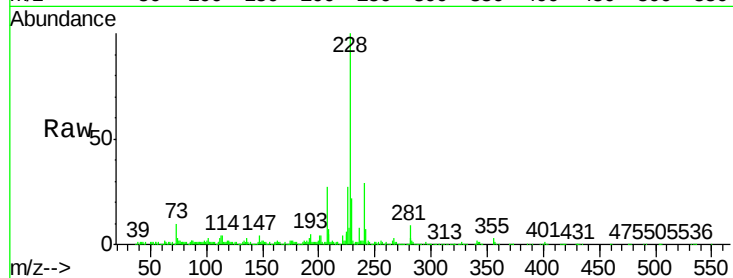
Tgt Ion:228 Resp: 579720

Ion Ratio Lower Upper

228 100

229 21.6 15.4 23.0

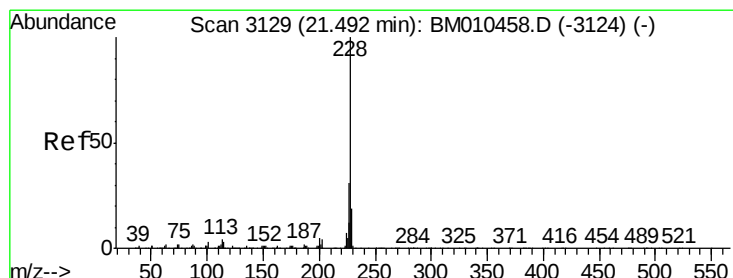
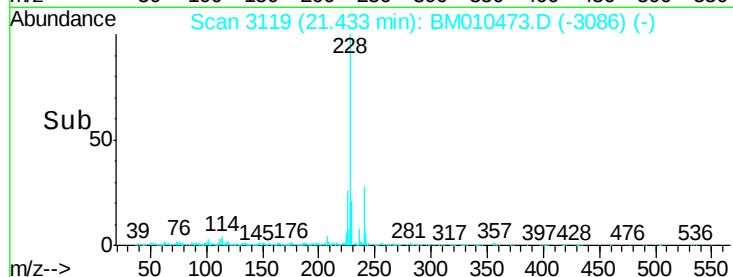
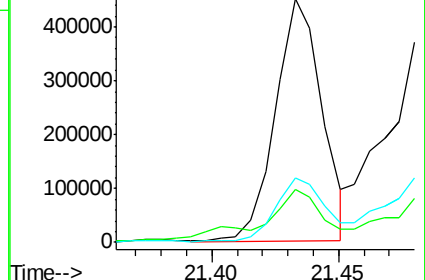
226 26.6 21.4 32.0



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: 8.964 ng/ul

RT: 21.49 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

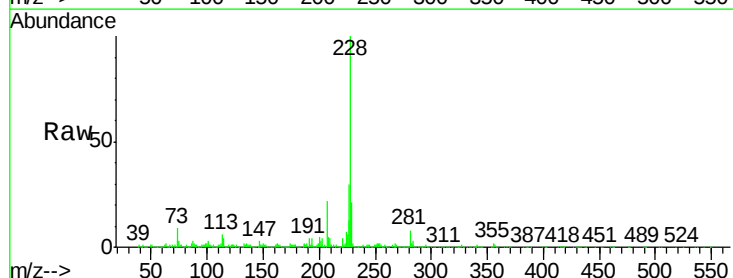
Tgt Ion:228 Resp: 861105

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

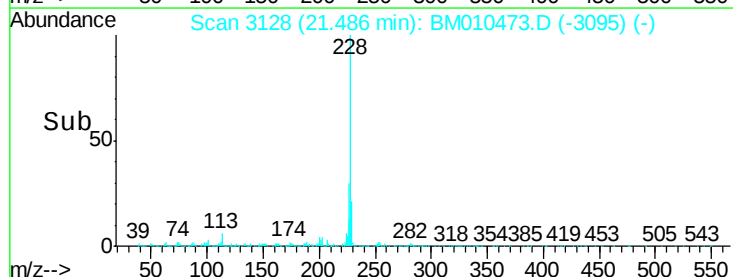
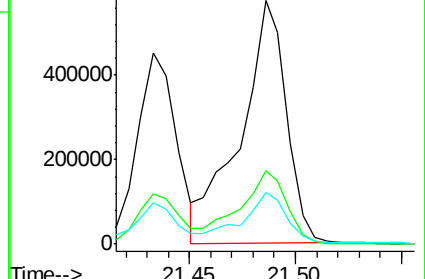
229 21.4 15.5 23.3

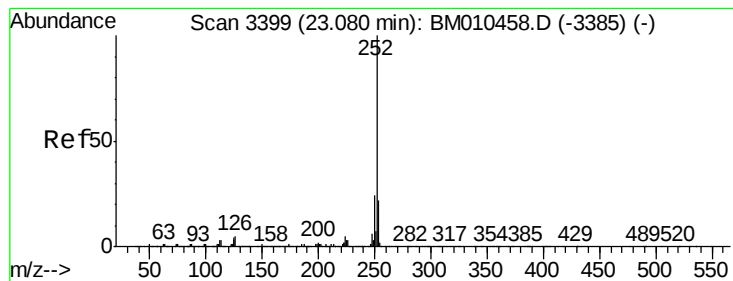


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 11.137 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

BNA_M

ClientSampleId :

F5B77

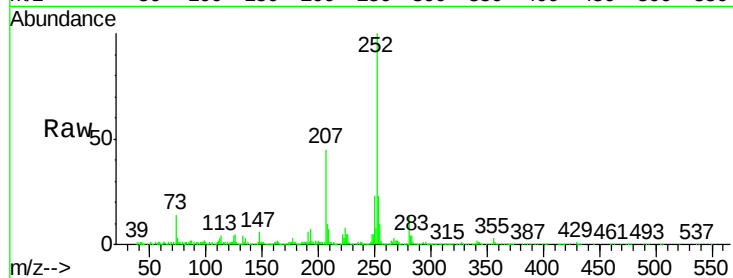
Tgt Ion:252 Resp: 1108997

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

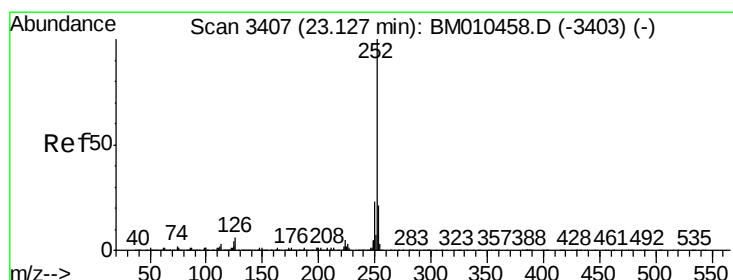
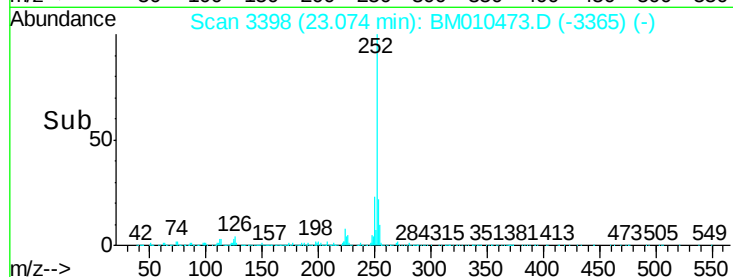
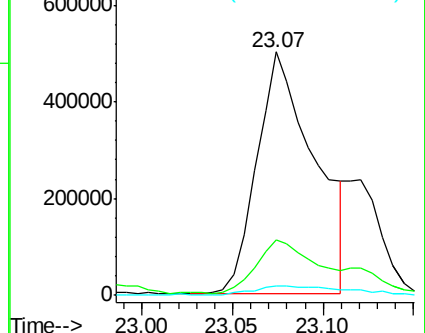
125 3.7 3.6 5.4



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



#86

Benzo(k)fluoranthene

Concen: 11.658 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. -0.05 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

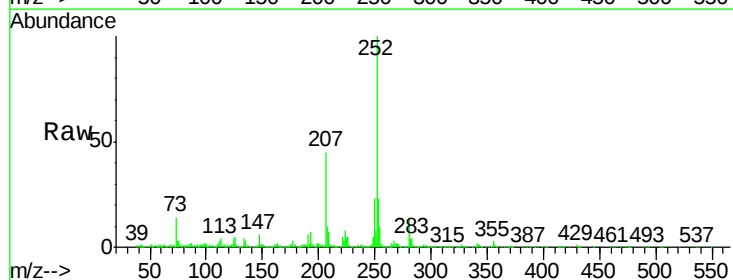
Tgt Ion:252 Resp: 1108997

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

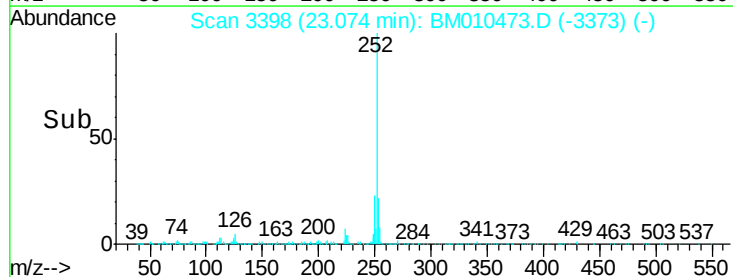
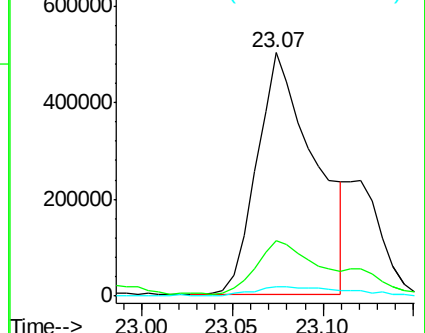
125 3.7 3.4 5.2

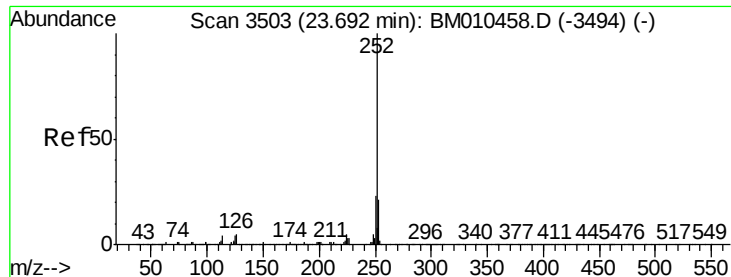


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.962 ng/ul

RT: 23.69 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

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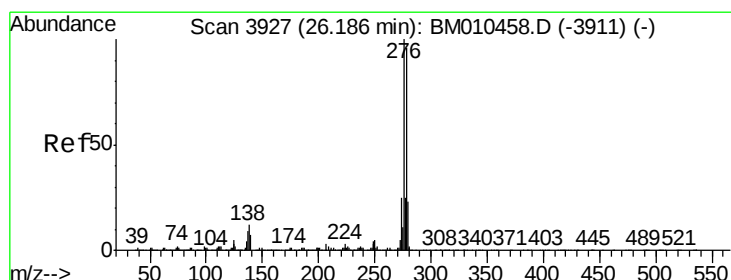
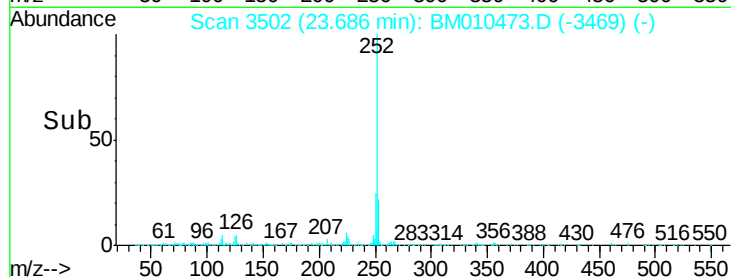
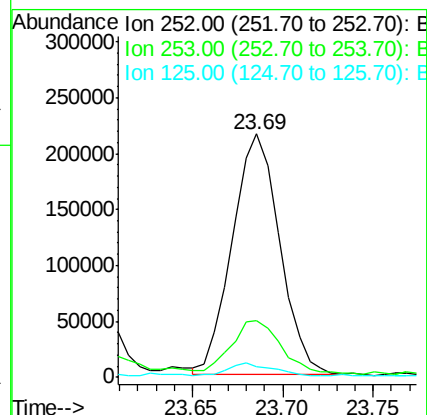
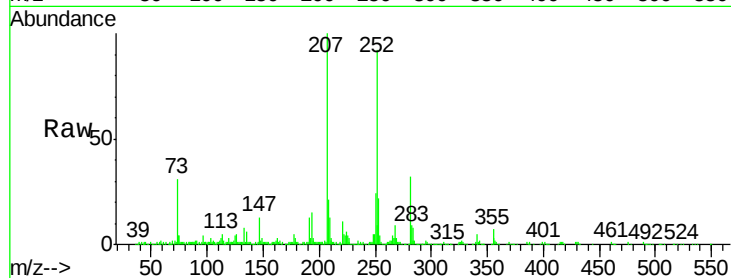
Tgt Ion:252 Resp: 391060

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

125 4.3 4.0 6.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.441 ng/ul

RT: 26.17 min Scan# 3924

Delta R.T. -0.02 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

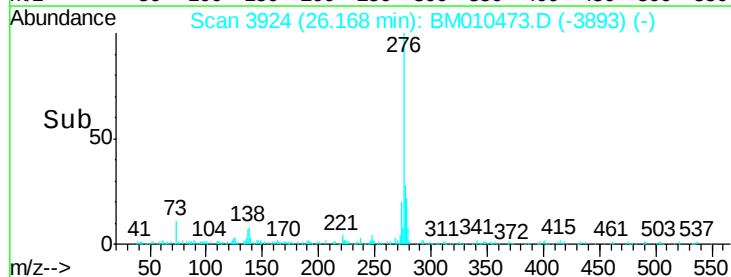
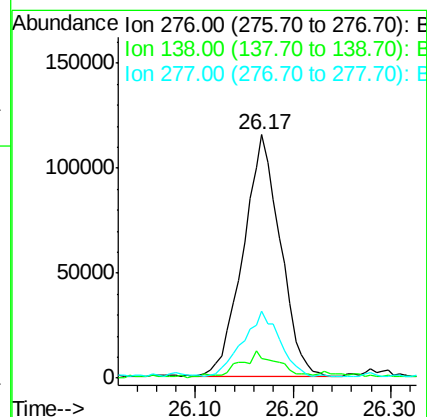
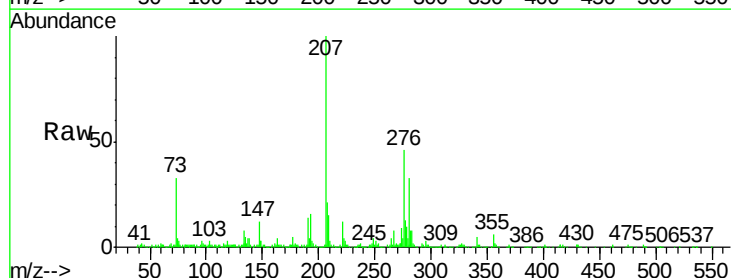
Tgt Ion:276 Resp: 304408

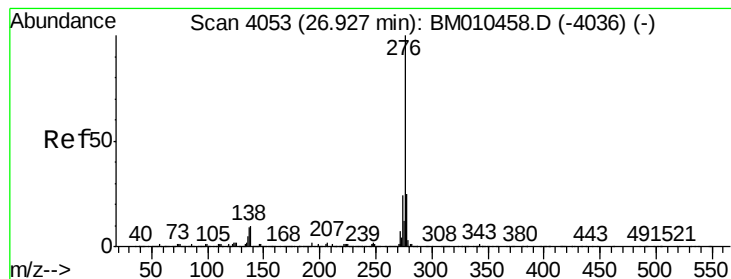
Ion Ratio Lower Upper

276 100

138 8.2 9.3 13.9#

277 27.8 19.9 29.9





#91

Benzo(g,h,i)perylene

Concen: 2.072 ng/ul

RT: 26.90 min Scan# 4049

Delta R.T. -0.02 min

Lab File: BM010473.D

Acq: 10 Jun 2017 02:51

Instrument :

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ClientSampleId :

F5B77

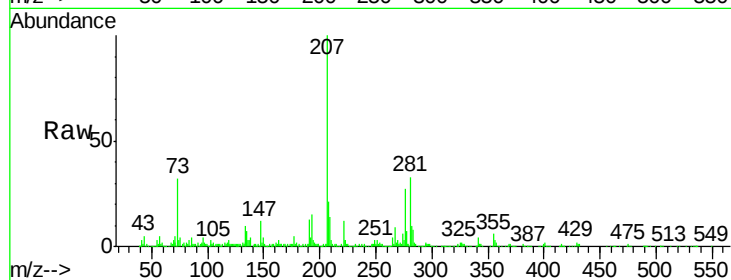
Tgt Ion: 276 Resp: 212814

Ion Ratio Lower Upper

276 100

138 13.5 8.5 12.7#

277 24.1 18.6 28.0



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

