

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010522.D
 Acq On : 11 Jun 2017 13:10
 Operator : SJ/MA
 Sample : I3522-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C66

Quant Time: Jun 12 09:10:04 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	144236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	502608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	349737	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	883262	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1245867	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1306400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	12194	3.47	ng/uL	0.00
5) Phenol-d5	7.07	99	188099	17.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	113268	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	173614	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	169945	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	81398	22.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	100803	23.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	207381	23.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	205243	24.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	711640	24.49	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	775085	22.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	59289	13.64	ng/ul	0.00
57) Fluorene-d10	15.52	176	612618	23.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	100336	16.04	ng/ul	0.00
70) Anthracene-d10	17.37	188	1011013	23.52	ng/ul	0.00
76) Pyrene-d10	19.66	212	1305005	25.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1448178	23.81	ng/ul	0.00

Target Compounds

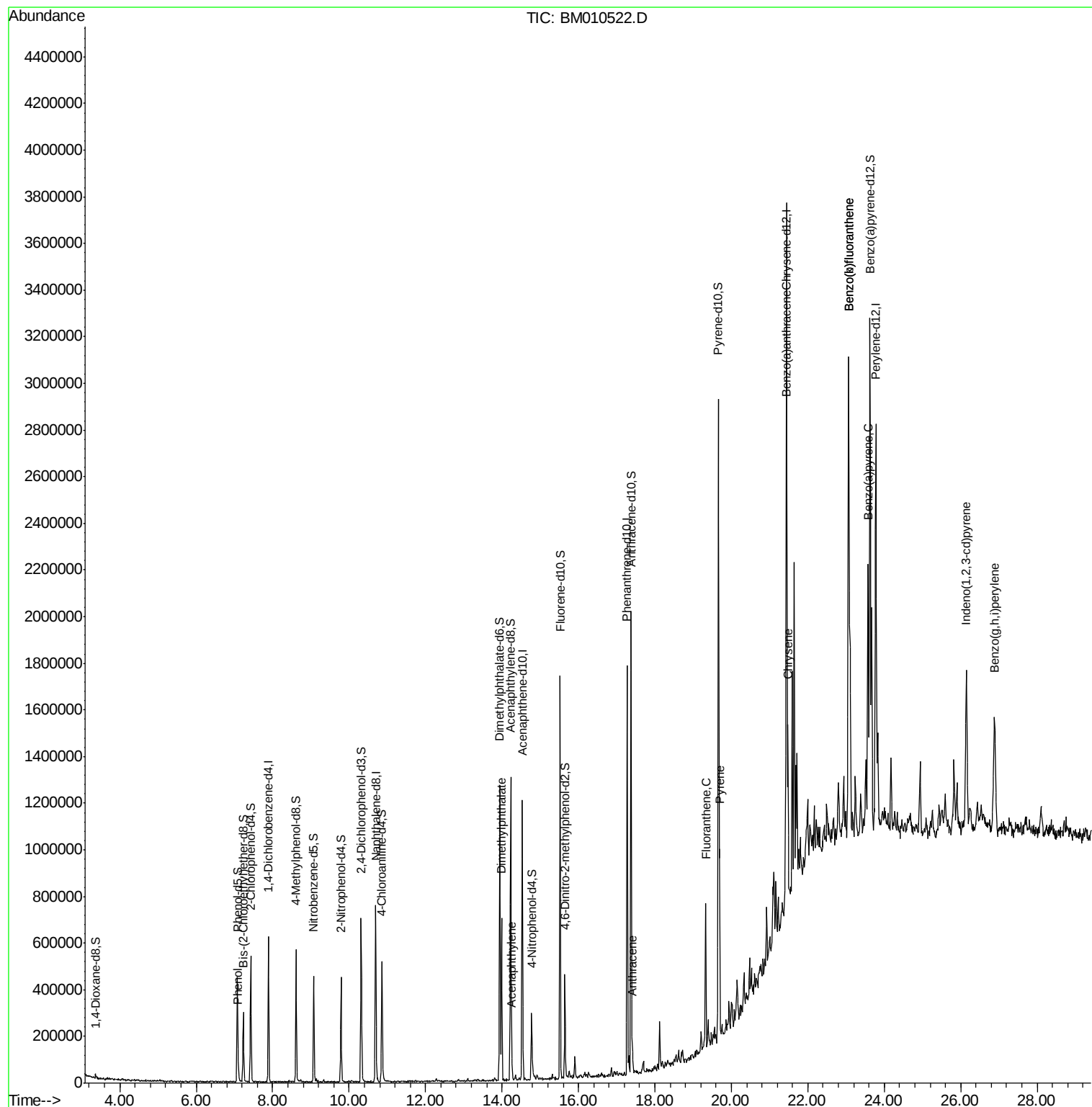
					Qvalue	
6) Phenol	7.10	94	16415	1.465	ng/ul#	74
44) Dimethylphthalate	13.99	163	362082	12.670	ng/ul	100
47) Acenaphthylene	14.26	152	46584	1.406	ng/ul	97
71) Anthracene	17.41	178	70201	1.426	ng/ul	94
74) Fluoranthene	19.33	202	351186	6.056	ng/ul#	95
77) Pyrene	19.69	202	460817	7.178	ng/ul#	93
80) Benzo(a)anthracene	21.43	228	337362	4.802	ng/ul	92
82) Chrysene	21.48	228	330363	5.202	ng/ul	92
85) Benzo(b)fluoranthene	23.06	252	1717521	22.594	ng/ul	98
86) Benzo(k)fluoranthene	23.06	252	1717521	23.651	ng/ul	96
88) Benzo(a)pyrene	23.57	252	833934	11.067	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.14	276	681221	7.156	ng/ul#	96
91) Benzo(g,h,i)perylene	26.89	276	497976	6.350	ng/ul#	96

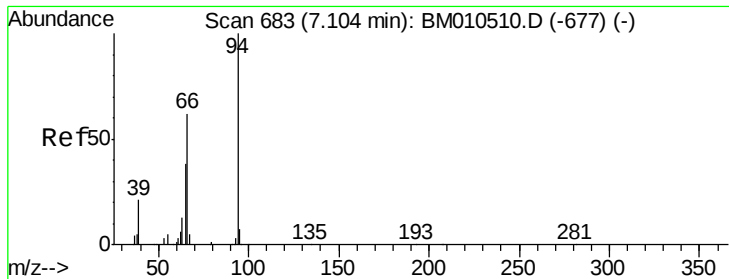
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 09:10:04 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.465 ng/ul

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C66

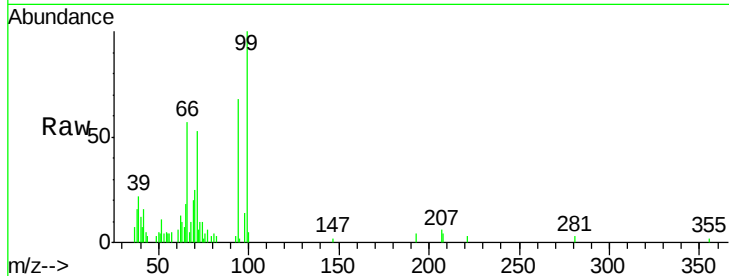
Tgt Ion: 94 Resp: 16415

Ion Ratio Lower Upper

94 100

65 26.0 28.2 42.4#

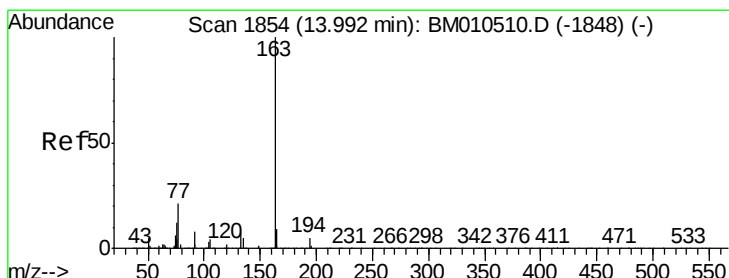
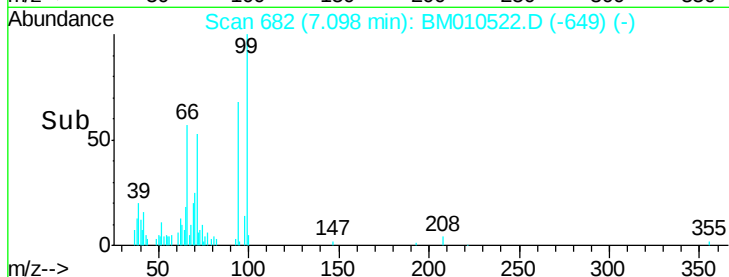
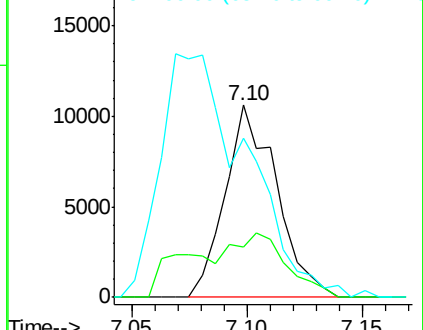
66 82.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM010510.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010510.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010510.D (-677) (-)



#44

Dimethylphthalate

Concen: 12.670 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

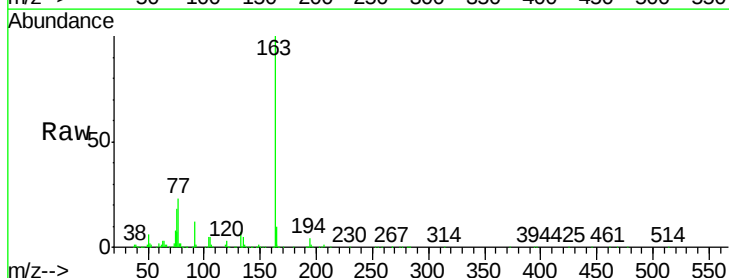
Tgt Ion: 163 Resp: 362082

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

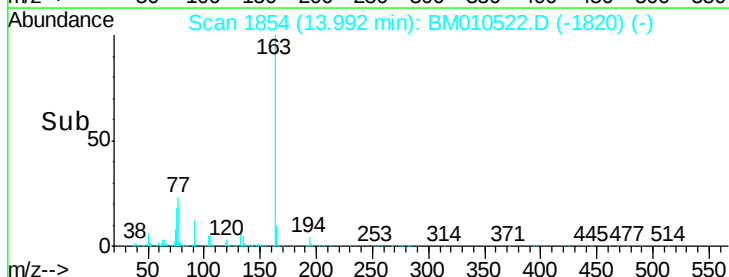
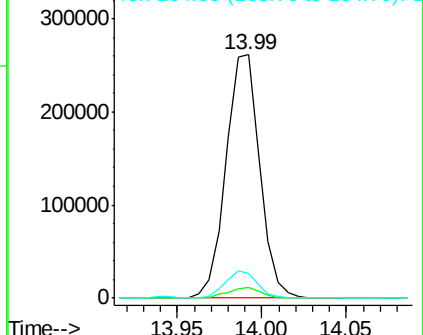
164 10.2 8.2 12.4

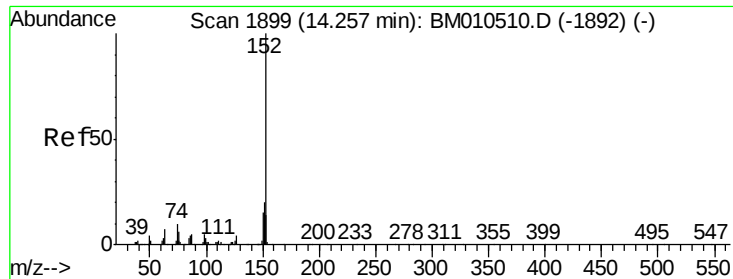


Abundance Ion 163.00 (162.70 to 163.70): BM010510.D (-1848) (-)

Ion 194.00 (193.70 to 194.70): BM010510.D (-1848) (-)

Ion 164.00 (163.70 to 164.70): BM010510.D (-1848) (-)





#47

Acenaphthylene

Concen: 1.406 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C66

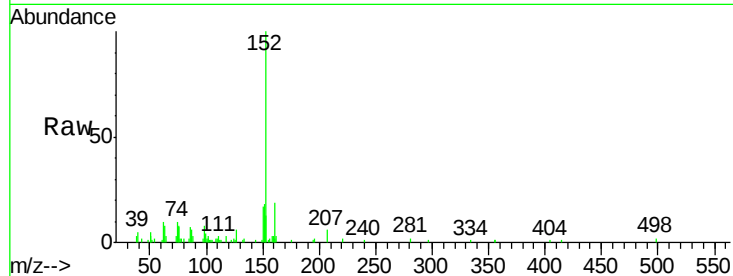
Tgt Ion:152 Resp: 46584

Ion Ratio Lower Upper

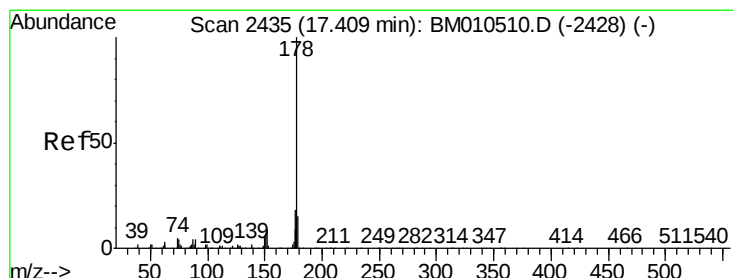
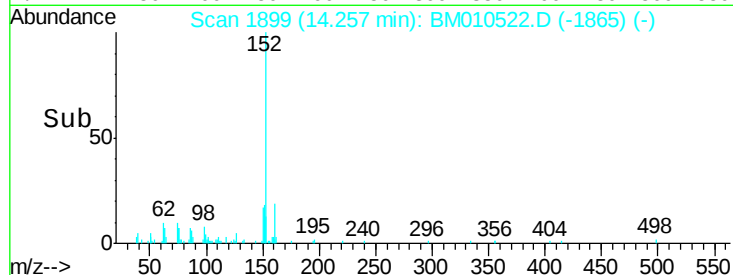
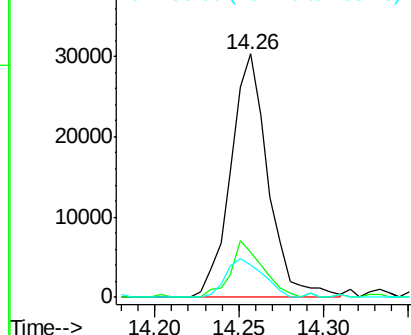
152 100

151 18.5 16.3 24.5

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#71

Anthracene

Concen: 1.426 ng/ul

RT: 17.41 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

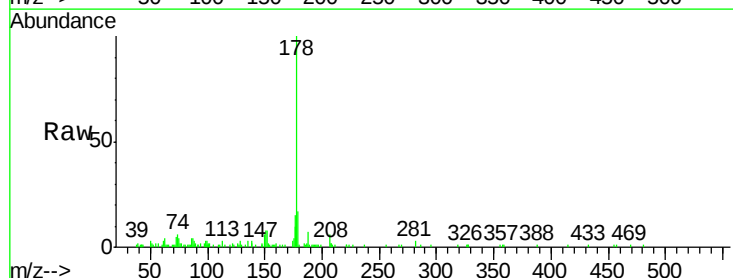
Tgt Ion:178 Resp: 70201

Ion Ratio Lower Upper

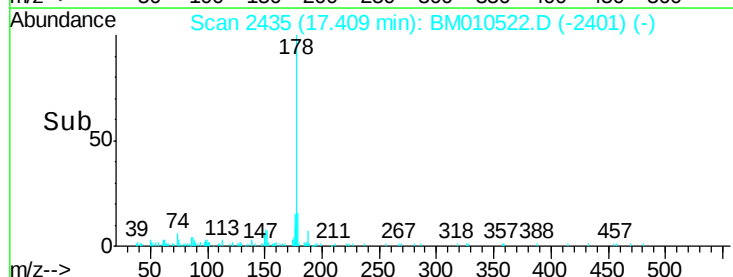
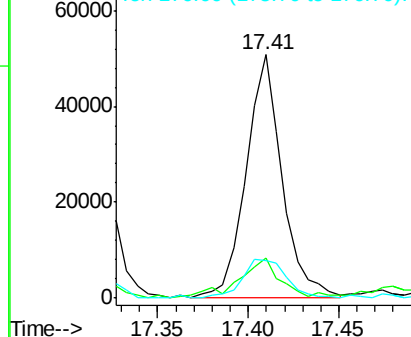
178 100

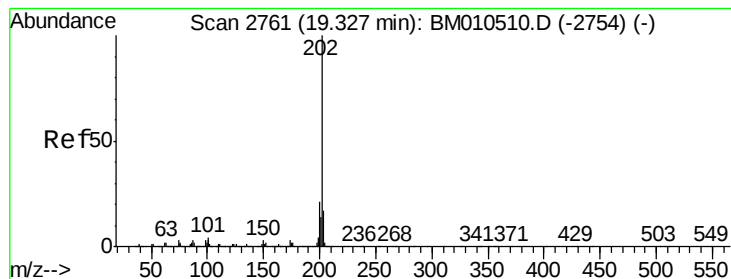
179 16.6 11.7 17.5

176 15.4 14.6 21.8



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





#74

Fluoranthene

Concen: 6.056 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C66

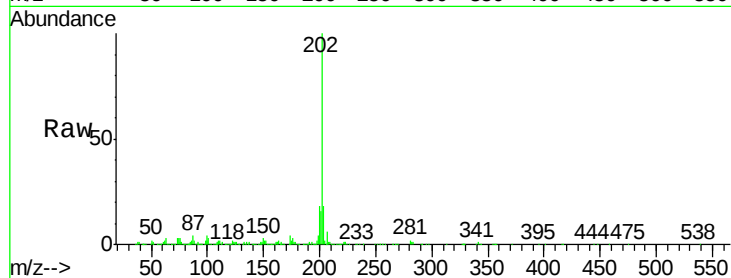
Tgt Ion:202 Resp: 351186

Ion Ratio Lower Upper

202 100

101 3.0 4.6 7.0#

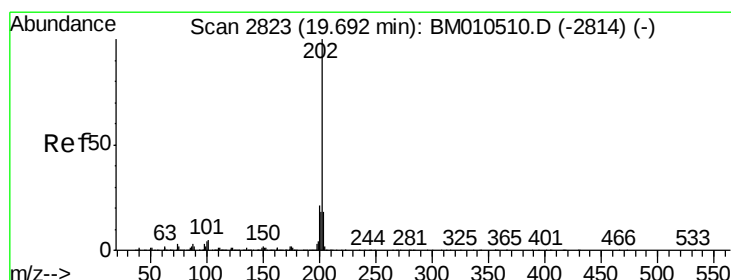
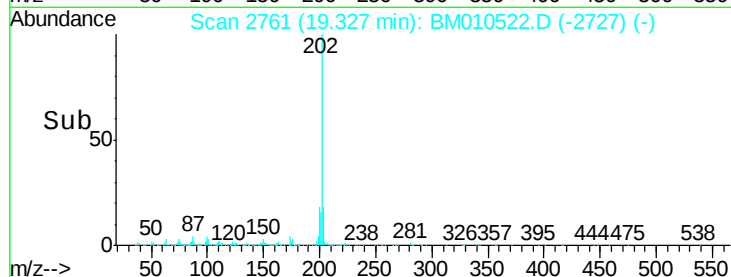
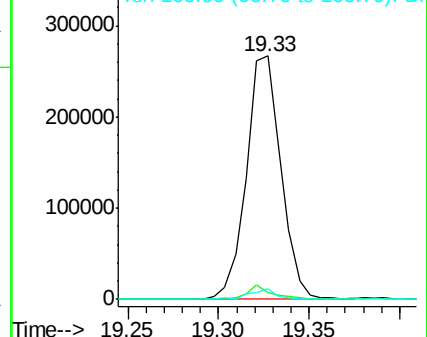
100 4.3 3.4 5.2



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): B



#77

Pyrene

Concen: 7.178 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

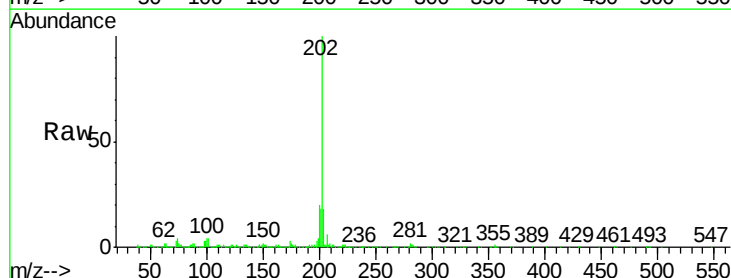
Tgt Ion:202 Resp: 460817

Ion Ratio Lower Upper

202 100

101 3.7 5.1 7.7#

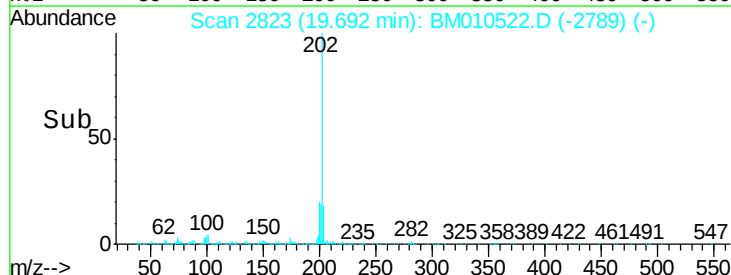
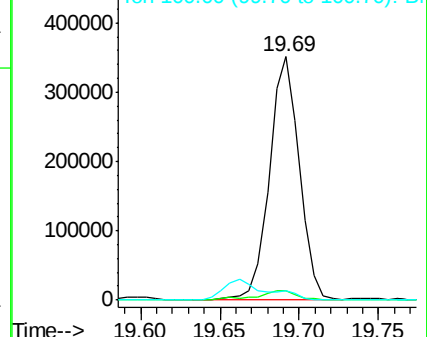
100 3.8 4.9 7.3#

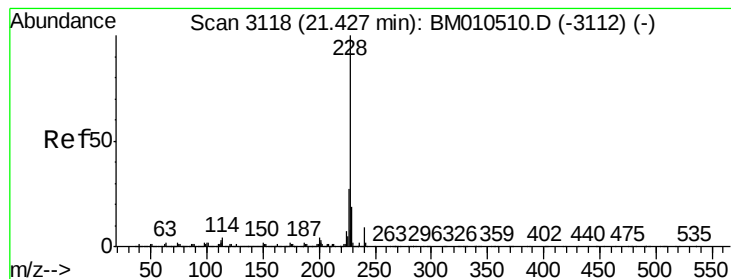


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.802 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C66

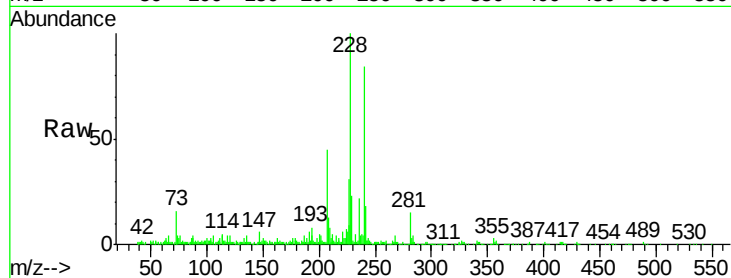
Tgt Ion:228 Resp: 337362

Ion Ratio Lower Upper

228 100

229 22.5 15.4 23.0

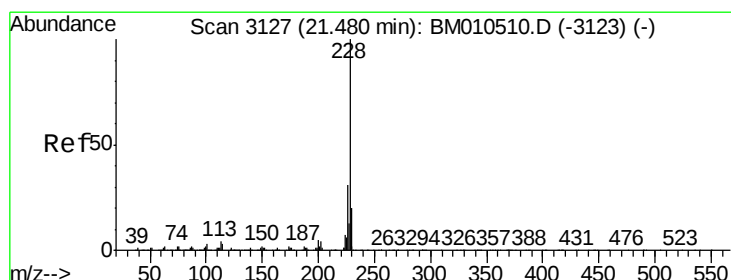
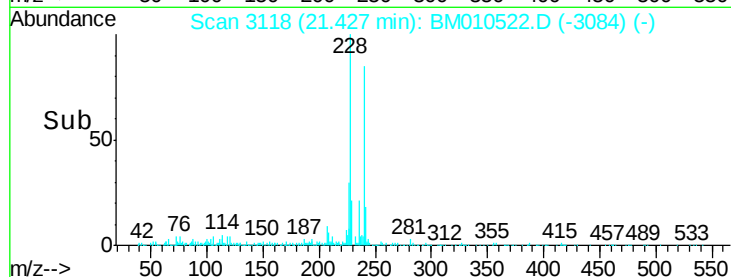
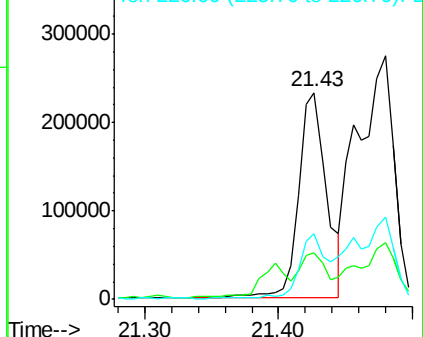
226 31.5 21.4 32.0



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: 5.202 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

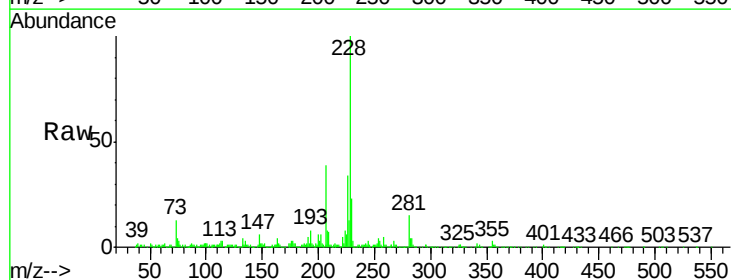
Tgt Ion:228 Resp: 330363

Ion Ratio Lower Upper

228 100

226 33.9 23.4 35.2

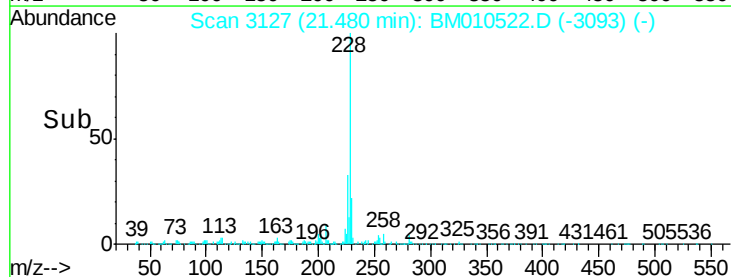
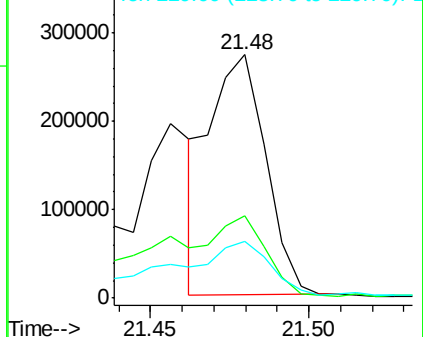
229 23.2 15.5 23.3

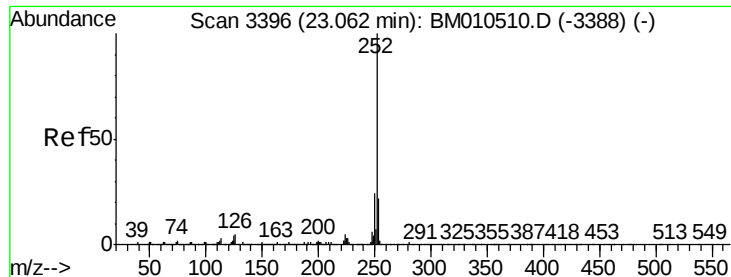


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

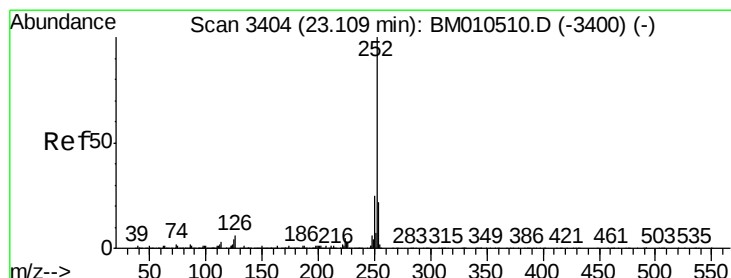
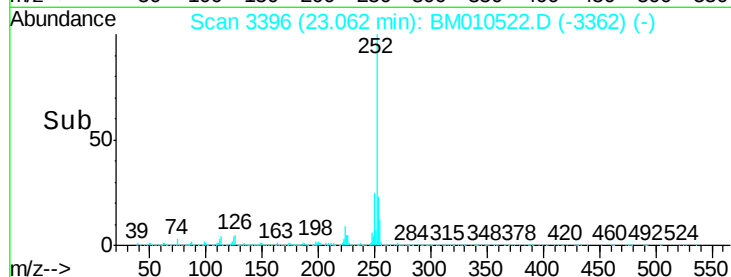
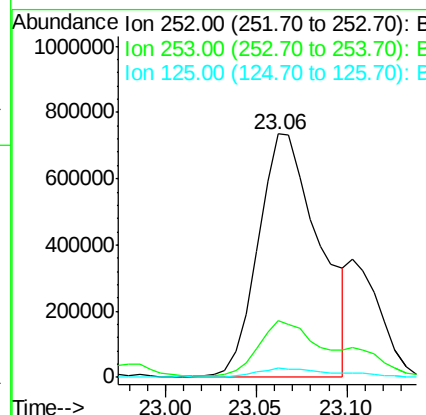
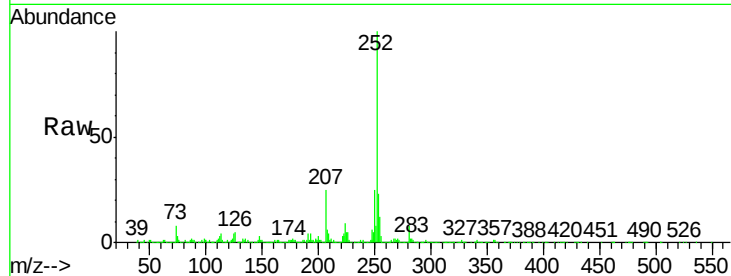




#85
Benzo(b)fluoranthene
Concen: 22.594 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

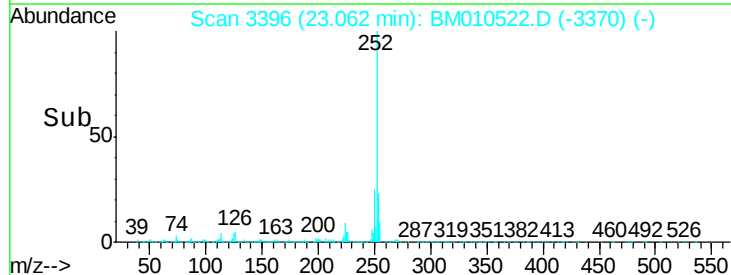
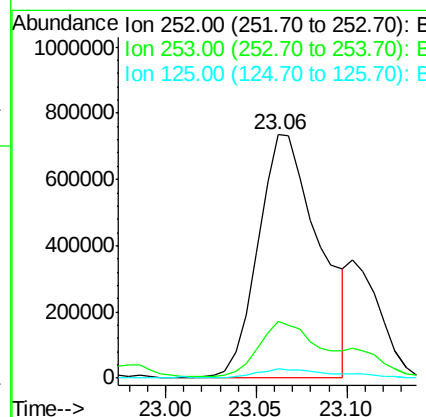
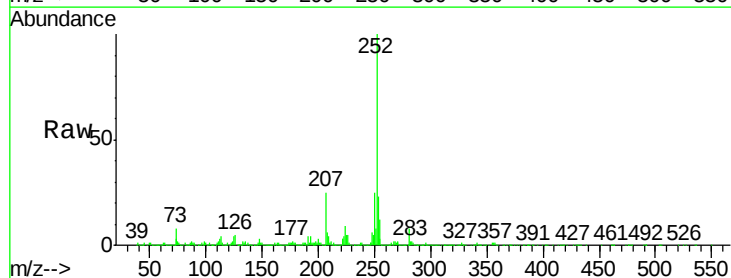
Instrument :
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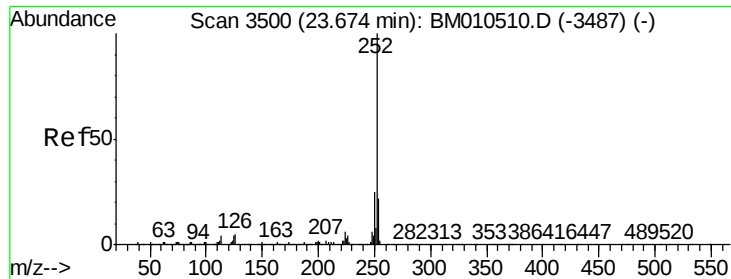
Tgt Ion:252 Resp: 1717521
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 3.8 3.6 5.4



#86
Benzo(k)fluoranthene
Concen: 23.651 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM010522.D
Acq: 11 Jun 2017 13:10

Tgt Ion:252 Resp: 1717521
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 3.8 3.4 5.2





#88

Benzo(a)pyrene

Concen: 11.067 ng/ul

RT: 23.57 min Scan# 3483

Delta R.T. -0.10 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C66

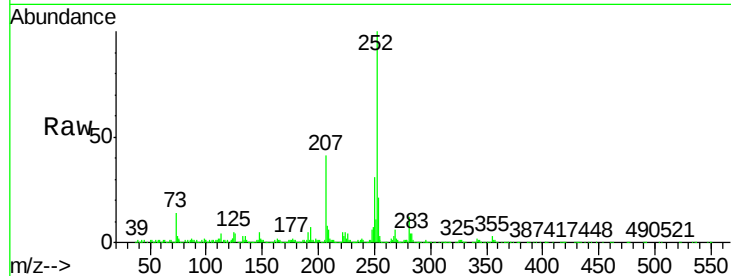
Tgt Ion:252 Resp: 833934

Ion Ratio Lower Upper

252 100

253 20.8 18.2 27.2

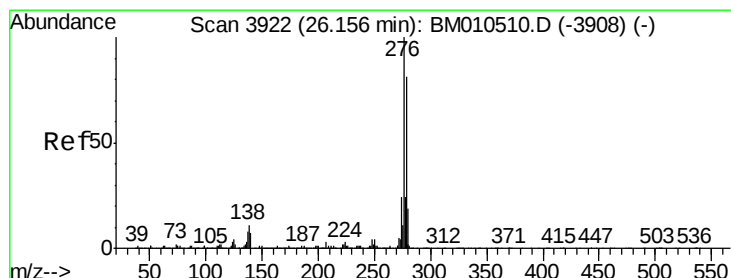
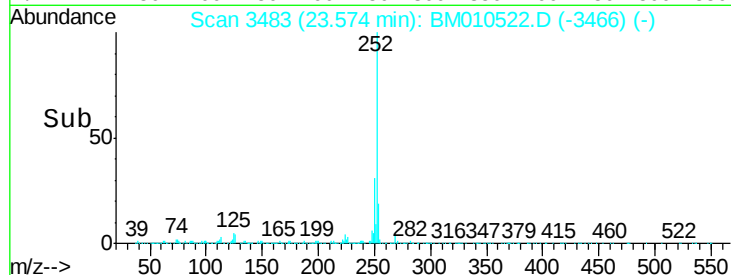
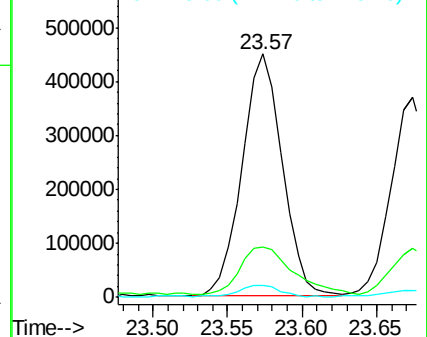
125 5.0 4.0 6.0



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: 7.156 ng/ul

RT: 26.14 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

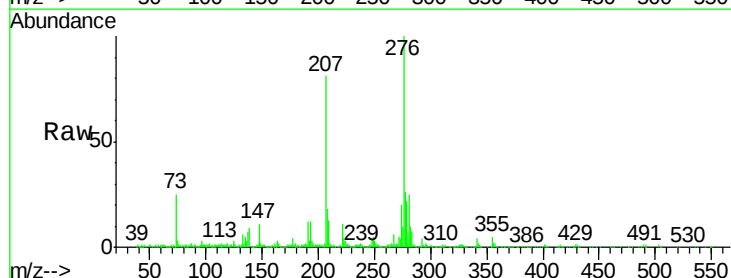
Tgt Ion:276 Resp: 681221

Ion Ratio Lower Upper

276 100

138 9.1 9.3 13.9#

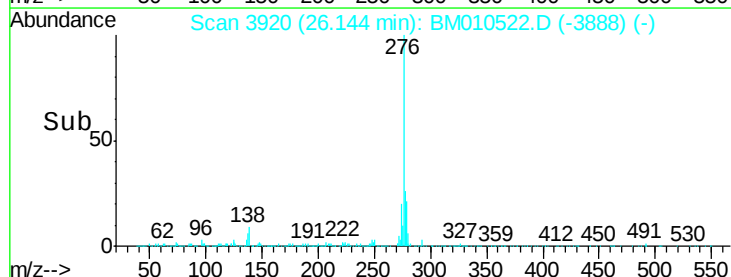
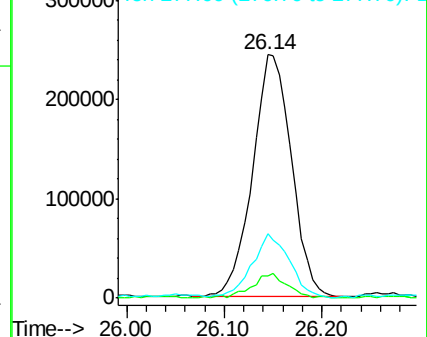
277 26.2 19.9 29.9

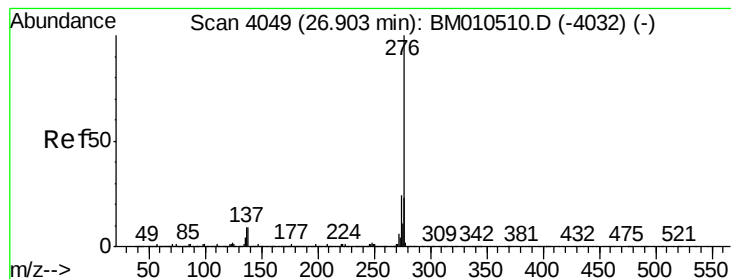


Abundance Ion 276.00 (275.70 to 276.70): E

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: 6.350 ng/ul

RT: 26.89 min Scan# 4047

Delta R.T. -0.01 min

Lab File: BM010522.D

Acq: 11 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C66

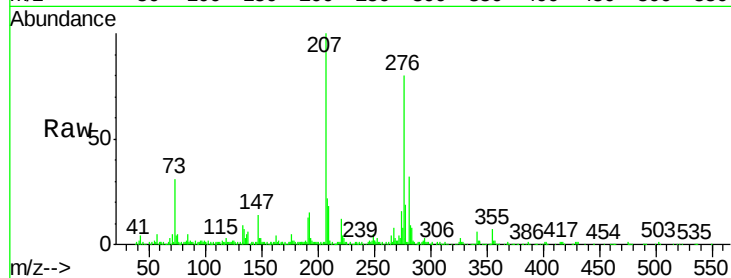
Tgt Ion: 276 Resp: 497976

Ion Ratio Lower Upper

276 100

138 7.6 8.5 12.7#

277 24.2 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

