

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010481.D
 Acq On : 10 Jun 2017 12:34
 Operator : SJ/MA
 Sample : I3521-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C48

Quant Time: Jun 12 04:16:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 04:15:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	151966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	554635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	383698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	977189	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1431382	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1487006	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	12086	3.26	ng/uL	0.00
5) Phenol-d5	7.08	99	193939	16.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	117004	18.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	170404	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	168077	18.09	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	81400	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	102139	21.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	216246	22.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	200890	21.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	738579	23.17	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	796081	21.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	89009	18.66	ng/ul	0.00
57) Fluorene-d10	15.53	176	638448	22.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	130432	18.84	ng/ul	0.00
70) Anthracene-d10	17.38	188	1088666	22.90	ng/ul	0.00
76) Pyrene-d10	19.67	212	1424800	24.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1631616	23.57	ng/ul	0.00

Target Compounds

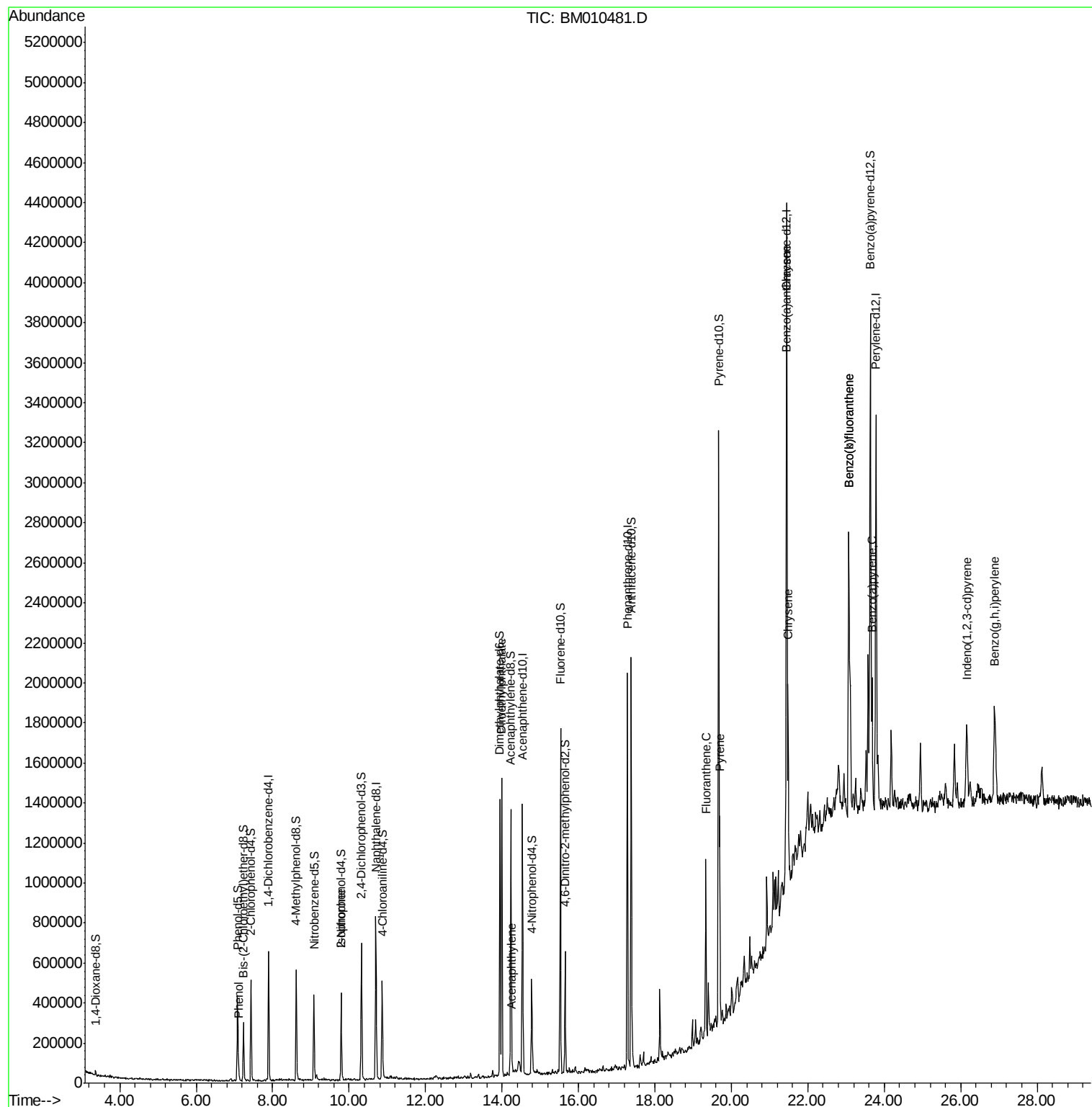
					Qvalue	
6) Phenol	7.11	94	16609	1.407	ng/ul#	82
21) Isophorone	9.79	82	19057	1.067	ng/ul#	75
44) Dimethylphthalate	13.99	163	791623	25.249	ng/ul	99
47) Acenaphthylene	14.26	152	36689	1.010	ng/ul	98
74) Fluoranthene	19.33	202	518135	8.077	ng/ul#	96
77) Pyrene	19.70	202	605660	8.211	ng/ul#	93
80) Benzo(a)anthracene	21.43	228	416536	5.160	ng/ul	96
82) Chrysene	21.48	228	594004	8.141	ng/ul	95
85) Benzo(b)fluoranthene	23.07	252	1129455	13.053	ng/ul	94
86) Benzo(k)fluoranthene	23.07	252	1129455	13.664	ng/ul#	92
88) Benzo(a)pyrene	23.68	252	489125	5.703	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.16	276	422405	3.898	ng/ul	96
91) Benzo(g,h,i)perylene	26.90	276	330101	3.698	ng/ul	98

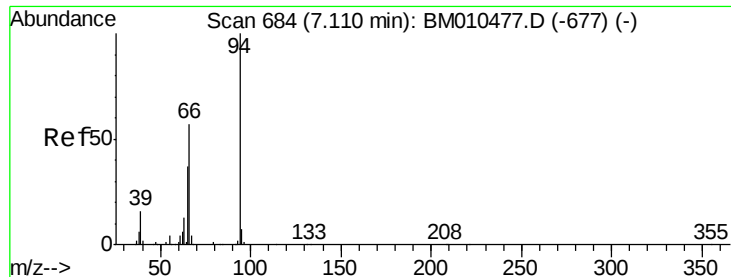
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.407 ng/ul

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

F5C48

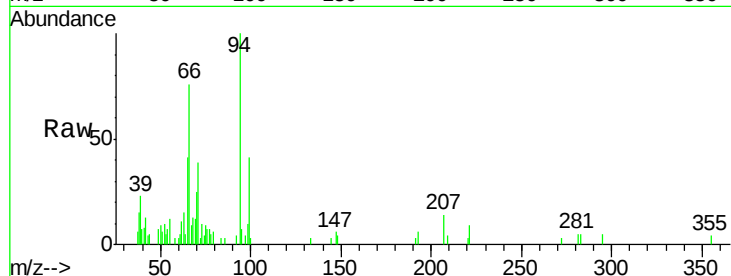
Tgt Ion: 94 Resp: 16609

Ion Ratio Lower Upper

94 100

65 40.6 28.2 42.4

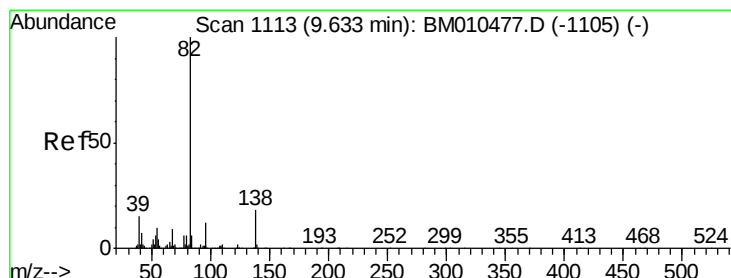
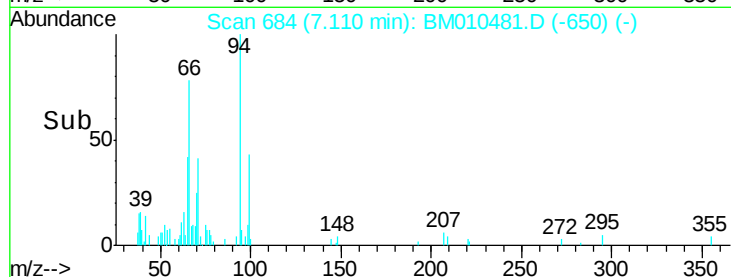
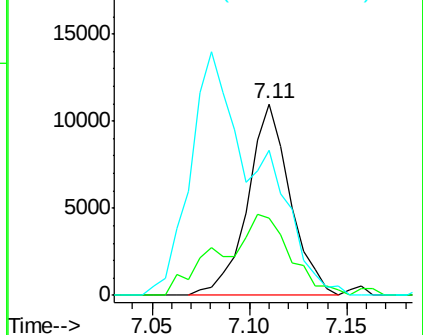
66 76.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM010477.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010477.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010477.D (-677) (-)



#21

Isophorone

Concen: 1.067 ng/ul

RT: 9.79 min Scan# 1140

Delta R.T. 0.16 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

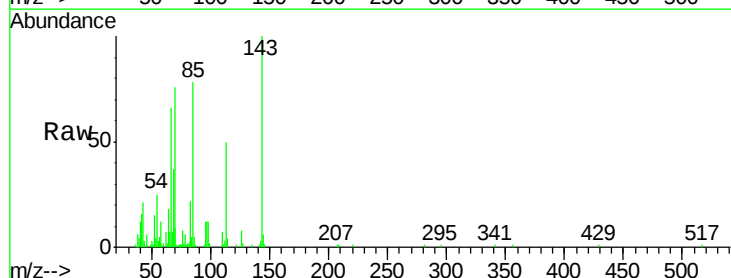
Tgt Ion: 82 Resp: 19057

Ion Ratio Lower Upper

82 100

95 6.3 7.8 11.8#

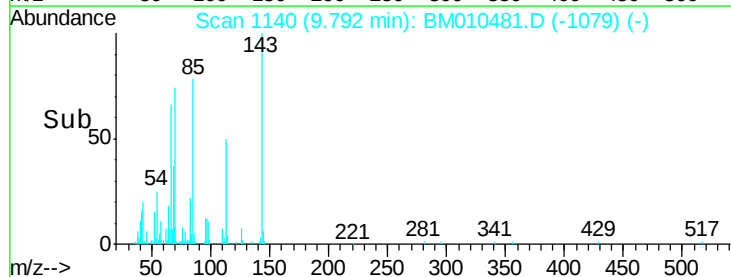
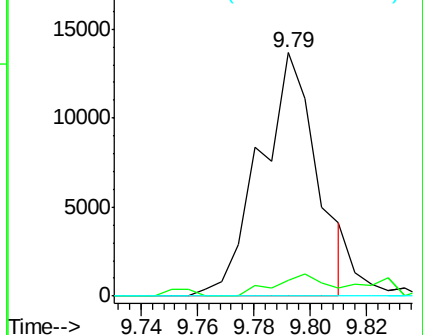
138 0.0 11.9 17.9#

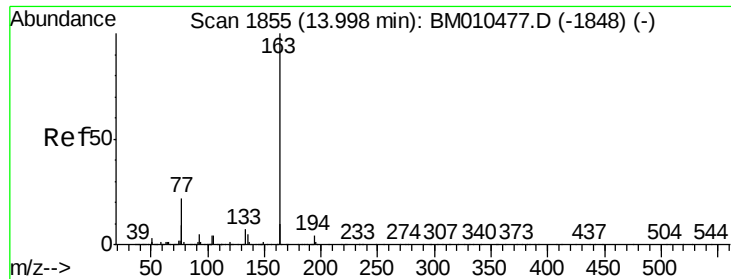


Abundance Ion 82.00 (81.70 to 82.70): BM010477.D (-1105) (-)

Ion 95.00 (94.70 to 95.70): BM010477.D (-1105) (-)

Ion 138.00 (137.70 to 138.70): BM010477.D (-1105) (-)

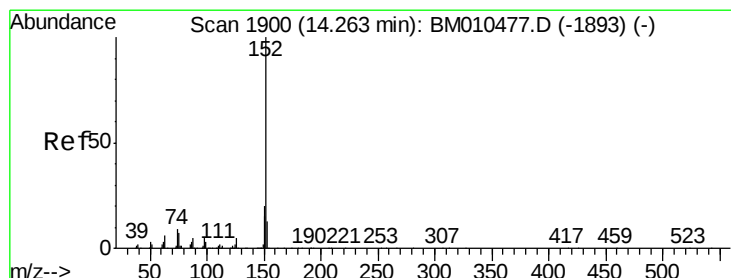
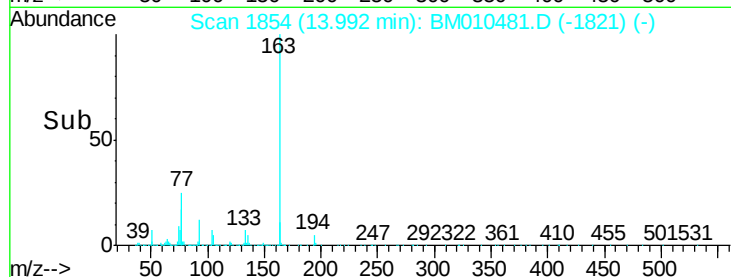
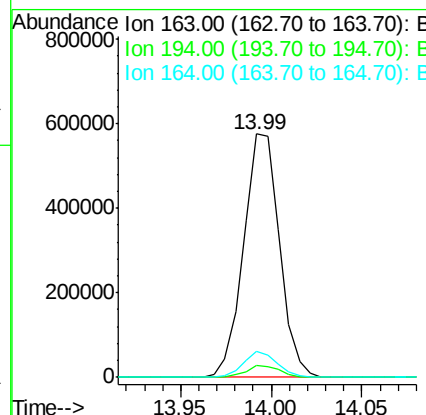
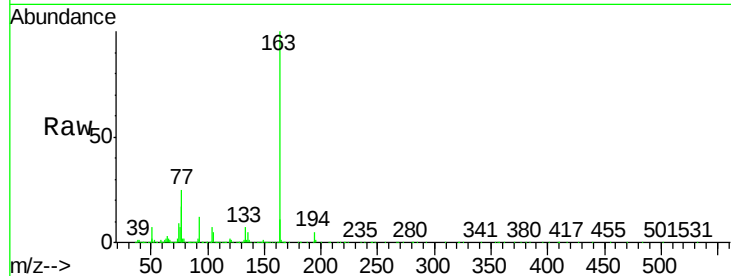




#44
Dimethylphthalate
Concen: 25.249 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

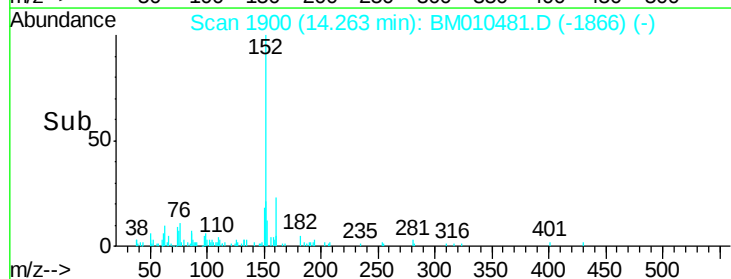
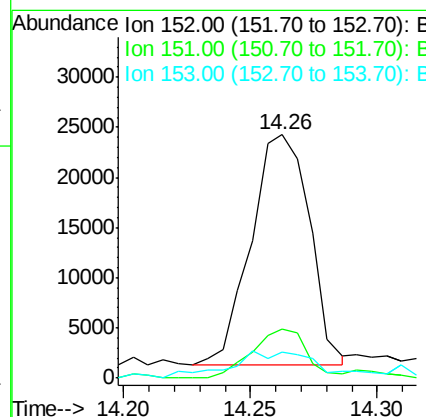
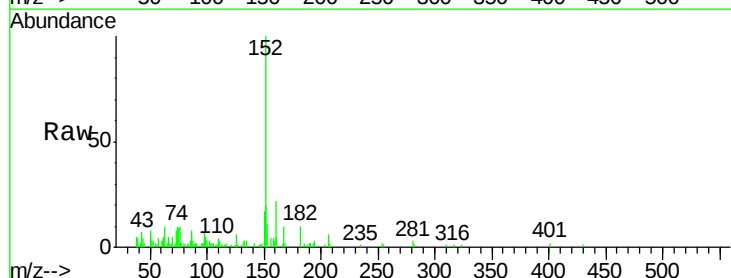
Instrument :
BNA_M
ClientSampleId :
F5C48

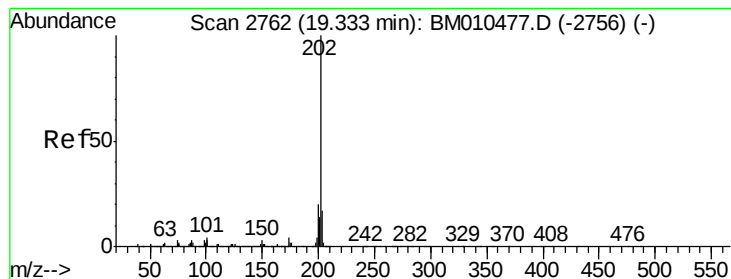
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.7	8.2	12.4



#47
Acenaphthylene
Concen: 1.010 ng/ul
RT: 14.26 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	10.9	10.2	15.4





#74

Fluoranthene

Concen: 8.077 ng/ul

RT: 19.33 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

F5C48

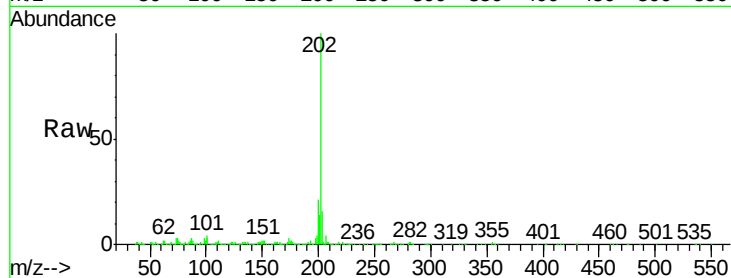
Tgt Ion:202 Resp: 518135

Ion Ratio Lower Upper

202 100

101 4.3 4.6 7.0#

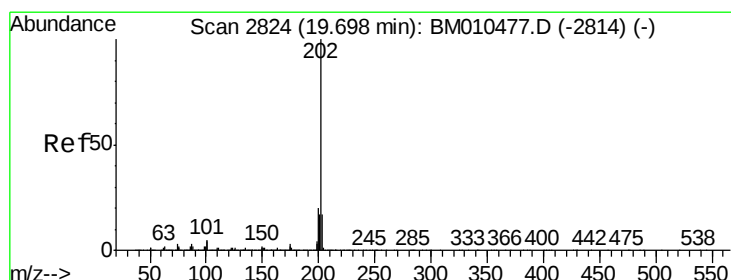
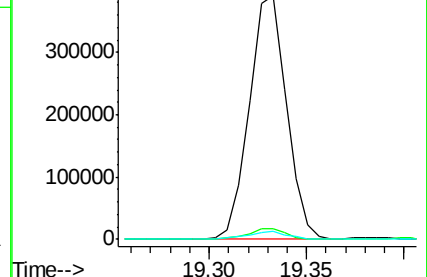
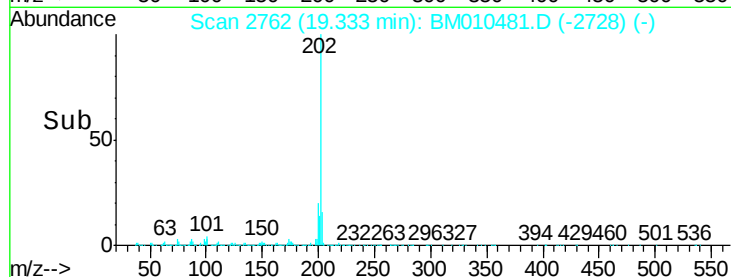
100 3.1 3.4 5.2#



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: 8.211 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

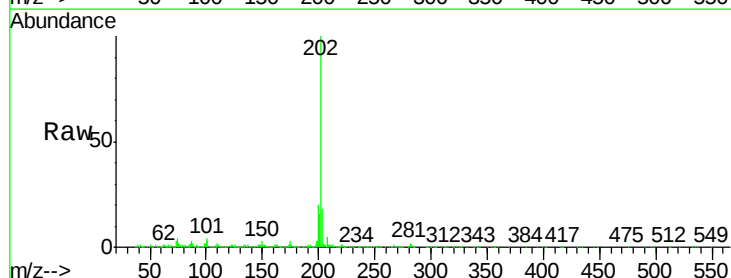
Tgt Ion:202 Resp: 605660

Ion Ratio Lower Upper

202 100

101 4.1 5.1 7.7#

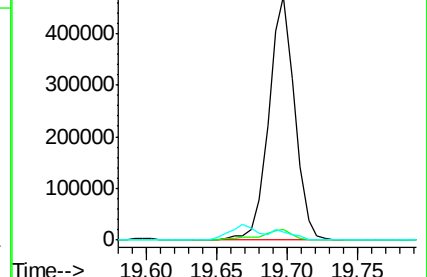
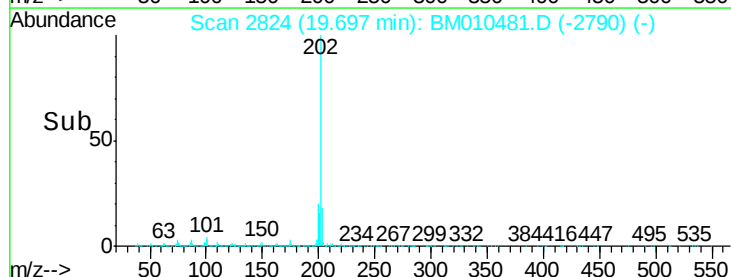
100 3.3 4.9 7.3#

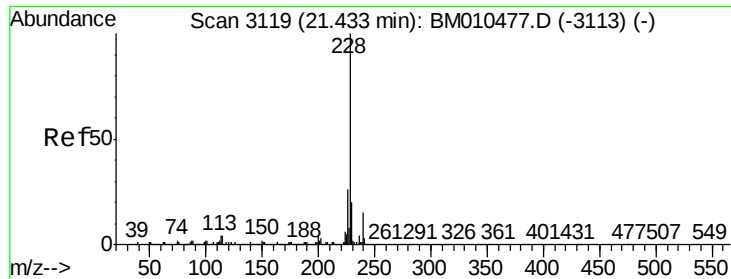


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.160 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

F5C48

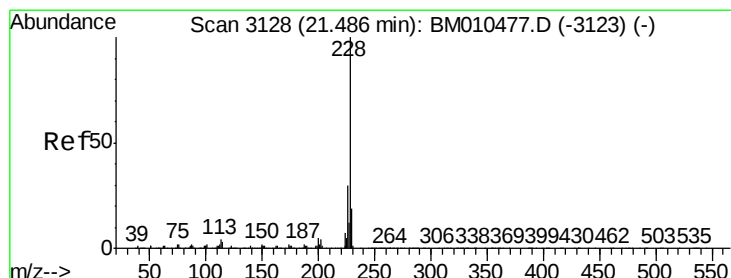
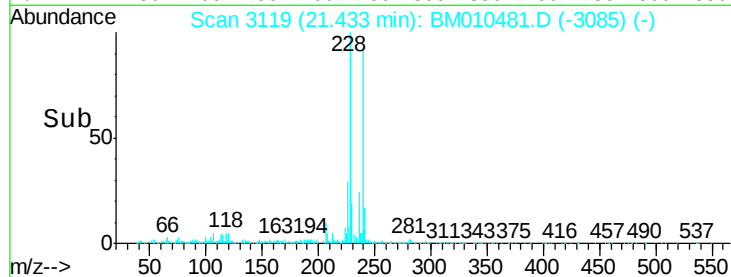
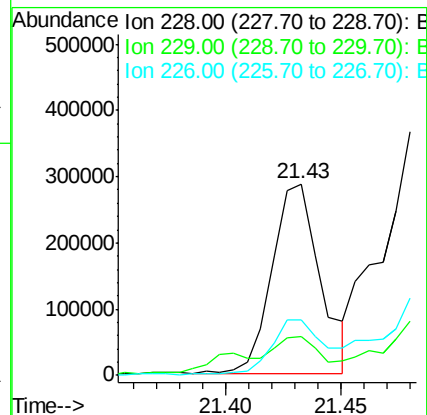
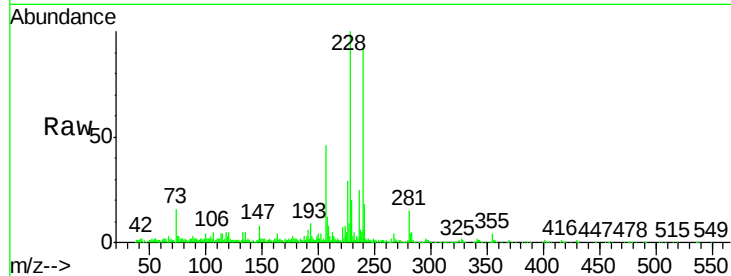
Tgt Ion:228 Resp: 416536

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

226 29.3 21.4 32.0



#82

Chrysene

Concen: 8.141 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

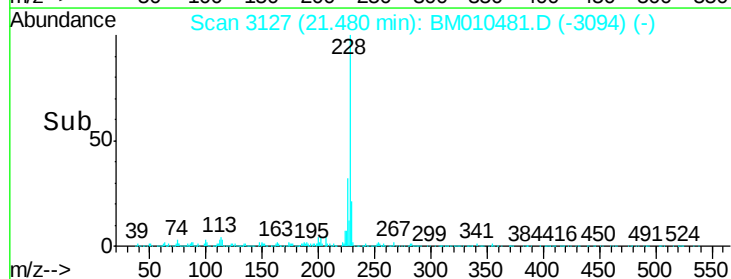
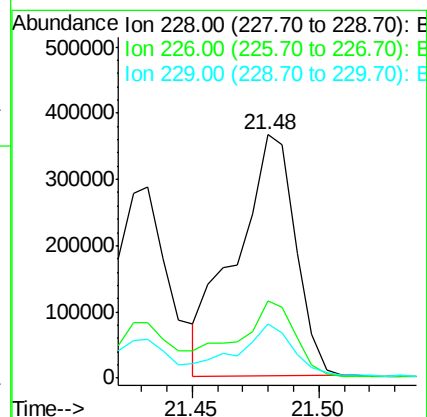
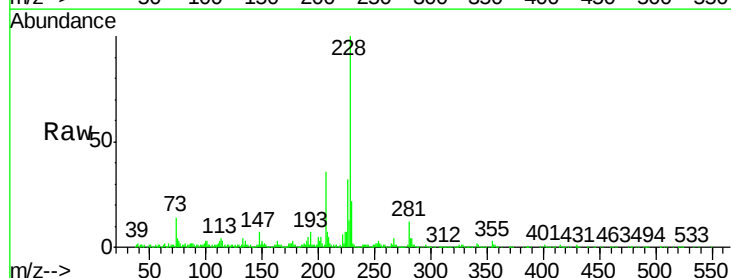
Tgt Ion:228 Resp: 594004

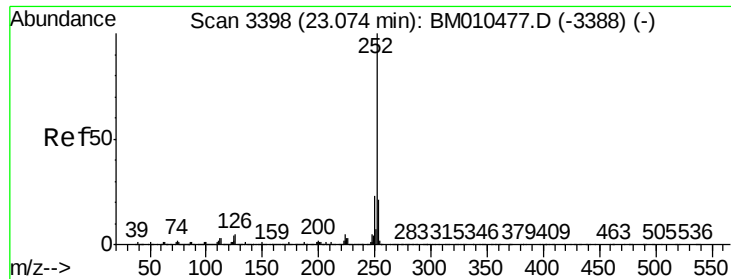
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.2

229 22.0 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 13.053 ng/u1

RT: 23.07 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

Instrument :

BNA_M

ClientSampleId :

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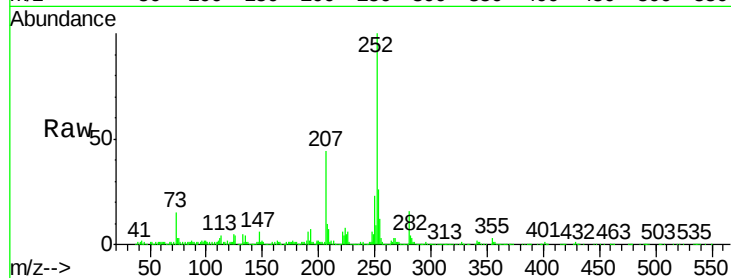
Tgt Ion:252 Resp: 1129455

Ion Ratio Lower Upper

252 100

253 25.8 17.9 26.9

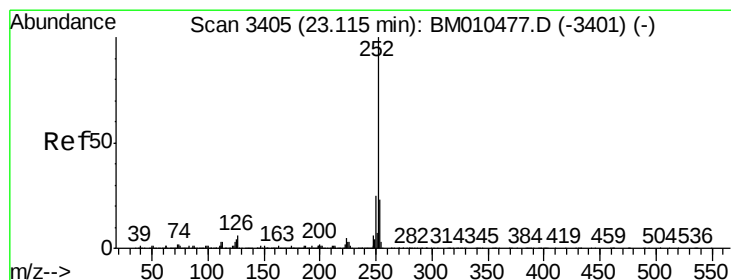
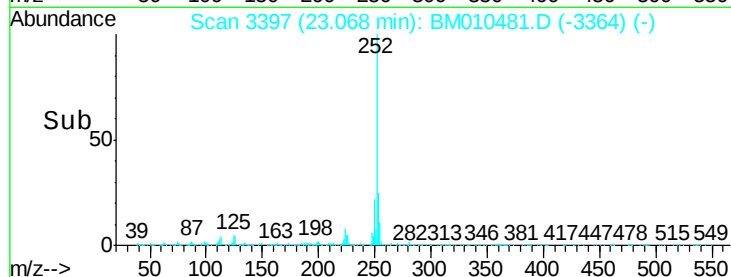
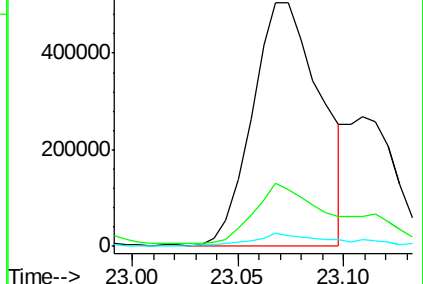
125 5.2 3.6 5.4



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: 13.664 ng/u1

RT: 23.07 min Scan# 3397

Delta R.T. -0.05 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

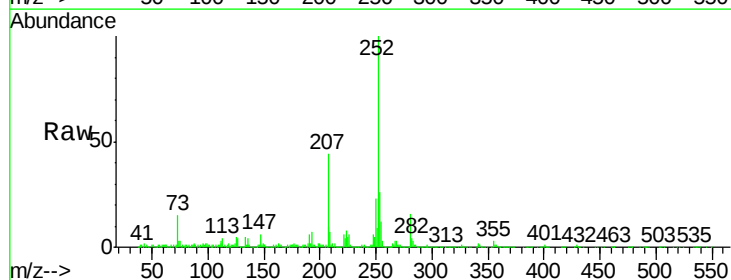
Tgt Ion:252 Resp: 1129455

Ion Ratio Lower Upper

252 100

253 25.8 17.1 25.7#

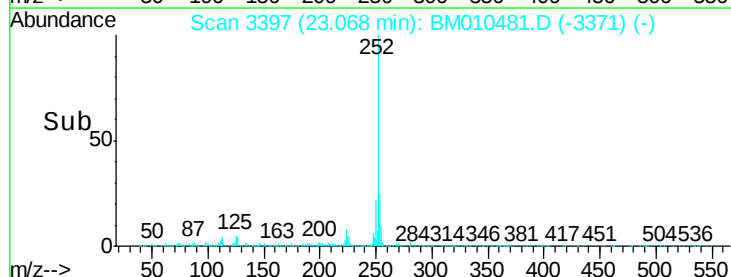
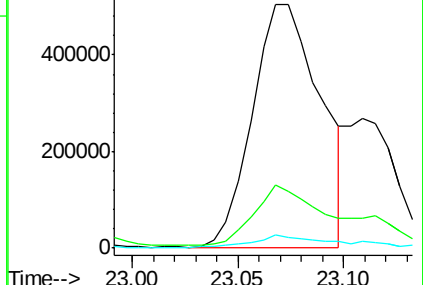
125 5.2 3.4 5.2#

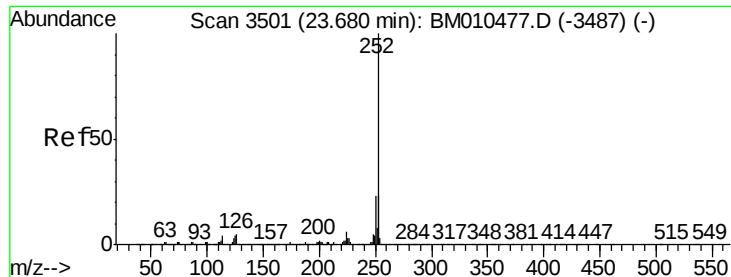


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.703 ng/ul

RT: 23.68 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

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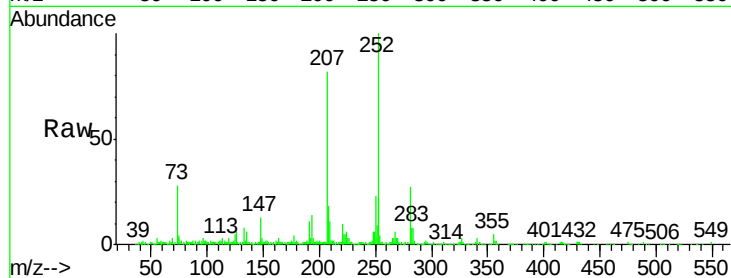
Tgt Ion: 252 Resp: 489125

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

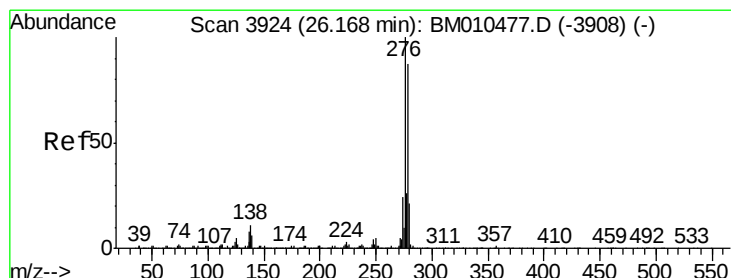
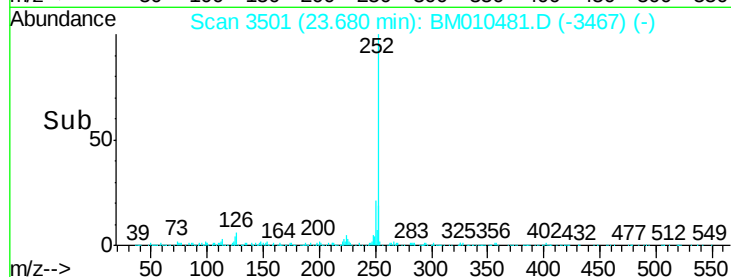
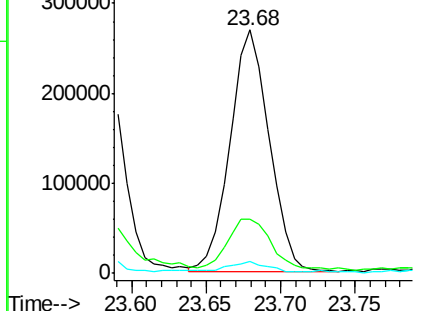
125 5.0 4.0 6.0



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: 3.898 ng/ul

RT: 26.16 min Scan# 3923

Delta R.T. -0.01 min

Lab File: BM010481.D

Acq: 10 Jun 2017 12:34

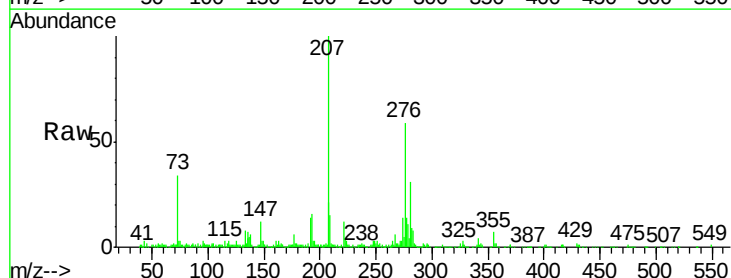
Tgt Ion: 276 Resp: 422405

Ion Ratio Lower Upper

276 100

138 9.6 9.3 13.9

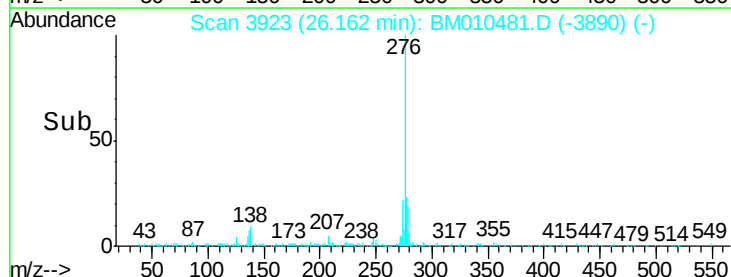
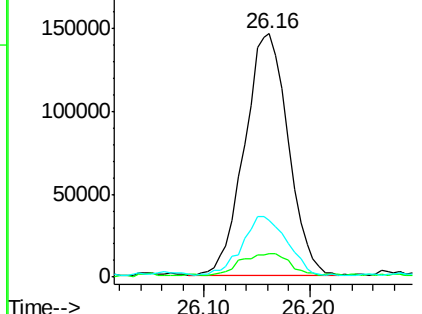
277 23.1 19.9 29.9

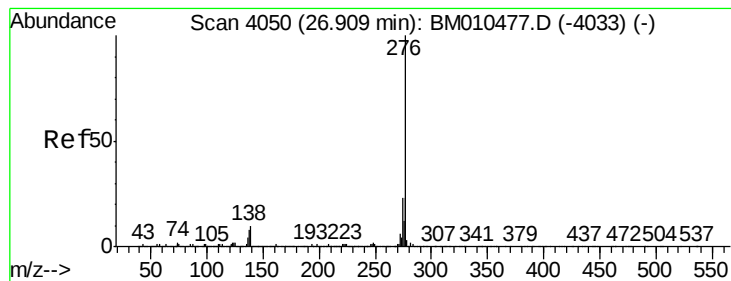


Abundance Ion 276.00 (275.70 to 276.70): E

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: 3.698 ng/ul

RT: 26.90 min Scan# 4048

Delta R.T. -0.01 min

Lab File: BM010481.D

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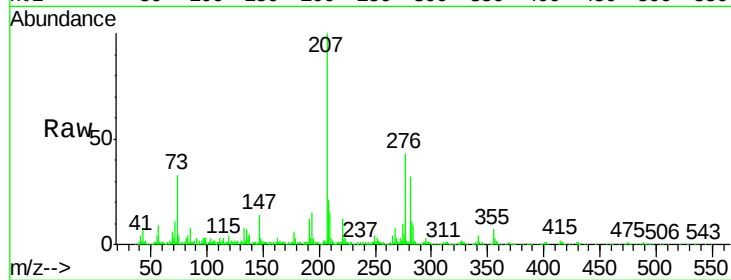
Tgt Ion:276 Resp: 330101

Ion Ratio Lower Upper

276 100

138 10.4 8.5 12.7

277 21.9 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

