

Data File : BM013472.D
Acq On : 16 Dec 2017 11:11
Operator : SJ/JU
Sample : I6799-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02B3

Quant Time: Dec 18 00:30:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	295288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1297426	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	746137	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1636382	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1326659	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1092545	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	17650	2.96	ng/uL	0.00
5) Phenol-d5	6.85	99	561709	21.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	332038	22.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	469972	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	429999	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	245468	23.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	275880	25.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	520117	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	615136	29.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1601255	24.12	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2032764	24.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	196934	17.07	ng/ul	0.00
57) Fluorene-d10	15.32	176	1364692	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	89668	8.71	ng/ul	0.00
70) Anthracene-d10	17.17	188	2078963	25.37	ng/ul	0.00
76) Pyrene-d10	19.47	212	2160385	32.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1423303	25.58	ng/ul	0.00

Target Compounds				Qvalue		
44) Dimethylphthalate	13.78	163	258758	4.07	ng/ul	100
69) Phenanthrene	17.11	178	572950	6.16	ng/ul	99
71) Anthracene	17.20	178	171428	1.80	ng/ul	98
74) Fluoranthene	19.13	202	1584146	13.90	ng/ul#	93
77) Pyrene	19.49	202	1317507	16.35	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	694752	8.25	ng/ul	100
82) Chrysene	21.30	228	589505	7.55	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	769081	10.44	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	769081	11.10	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	488872	7.39	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	301479	4.59	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	81992	1.47	ng/ul#	93
91) Benzo(g,h,i)perylene	26.40	276	212318	4.10	ng/ul#	89

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

Data File : BM013472.D

Acq On : 16 Dec 2017 11:11

Operator : SJ/JU

Sample : I6799-09

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

C02B3

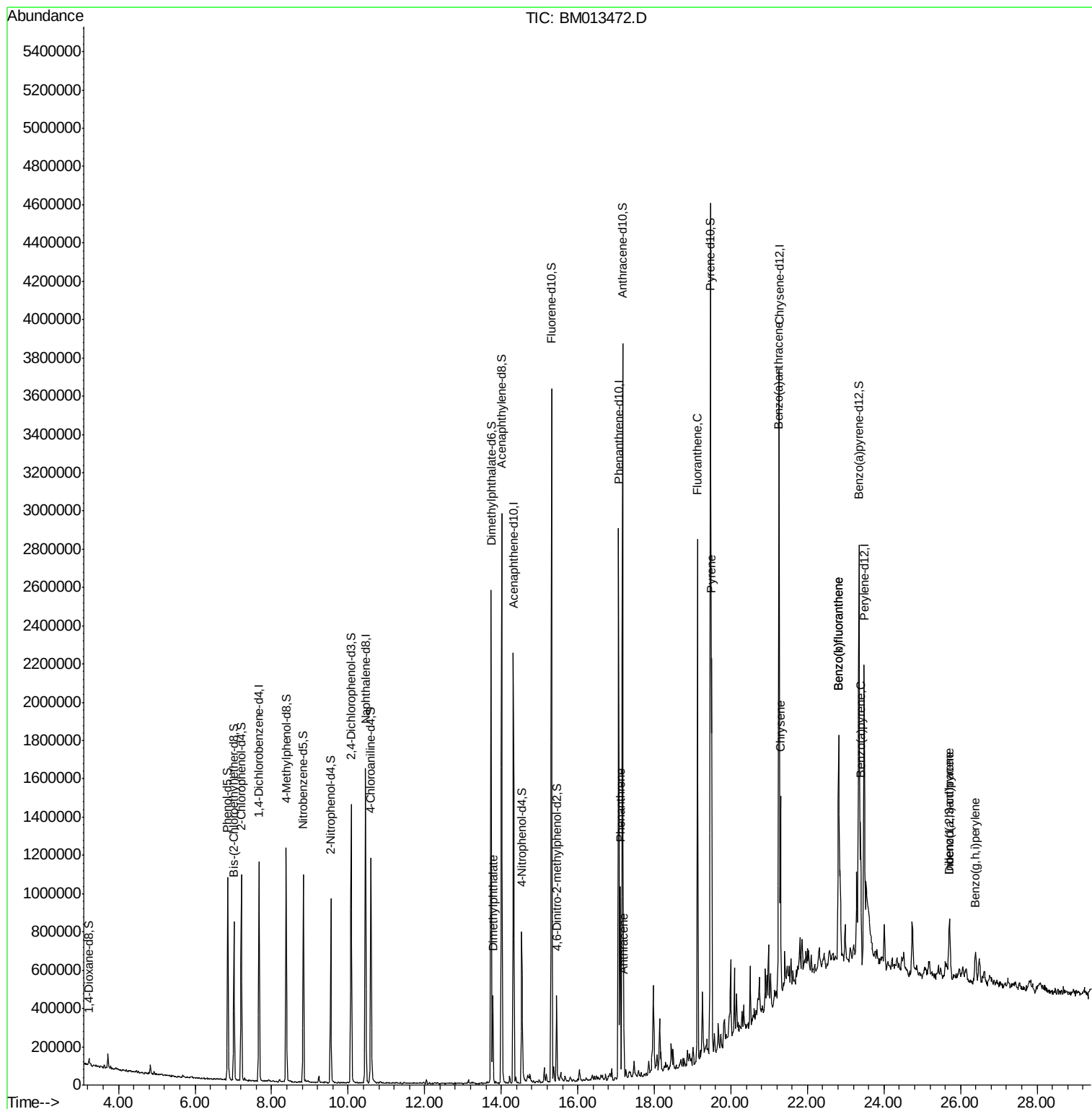
Quant Time: Dec 18 00:30:24 2017

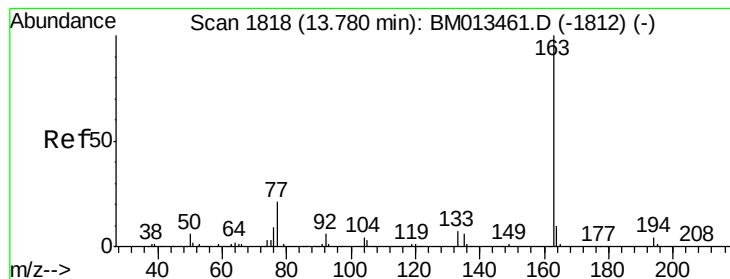
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 4.07 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

Instrument :

BNA_M

ClientSampleId :

C02B3

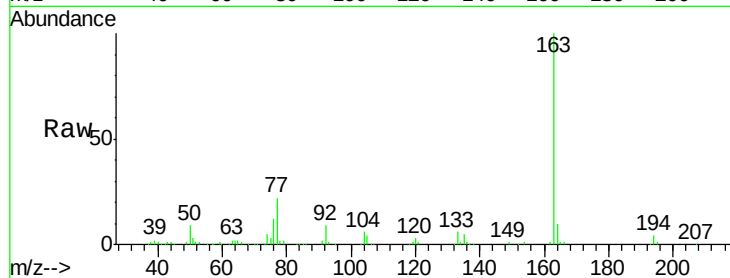
Tgt Ion:163 Resp: 258758

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

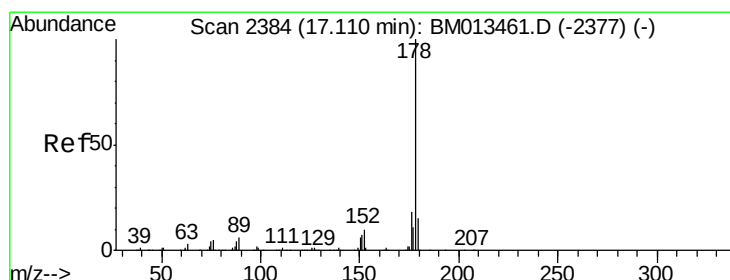
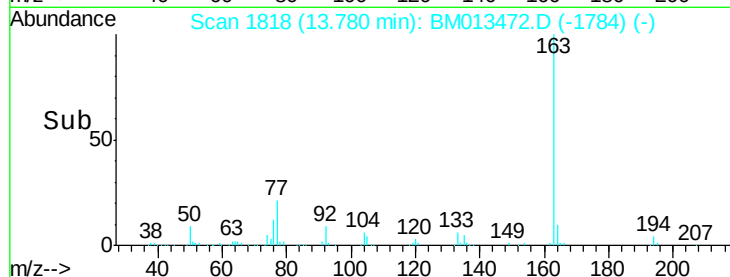
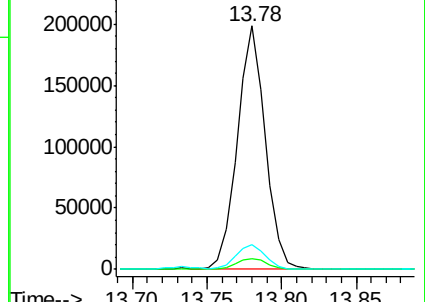
164 10.3 8.2 12.4



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: 6.16 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

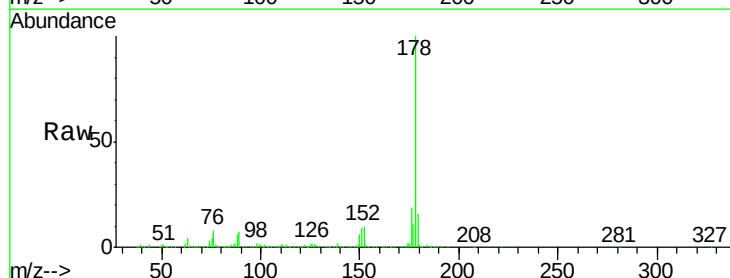
Tgt Ion:178 Resp: 572950

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

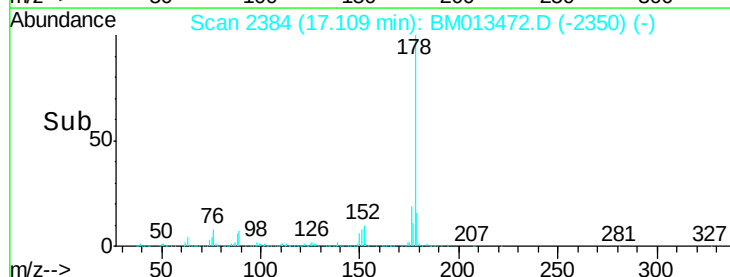
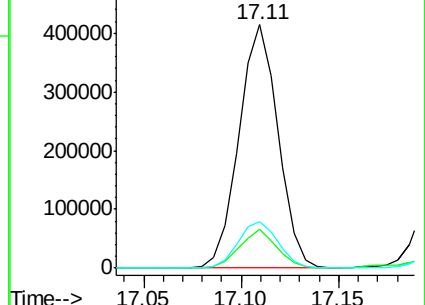
176 18.8 14.9 22.3

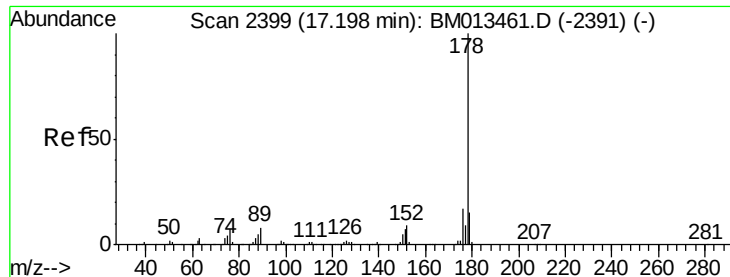


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

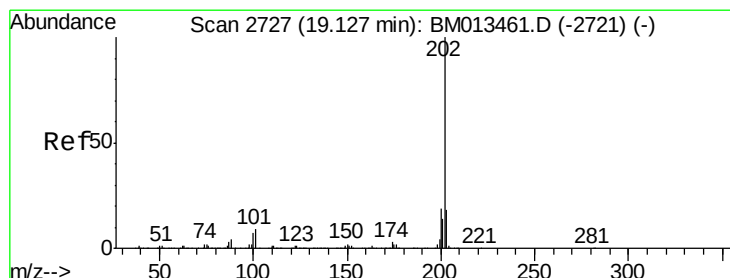
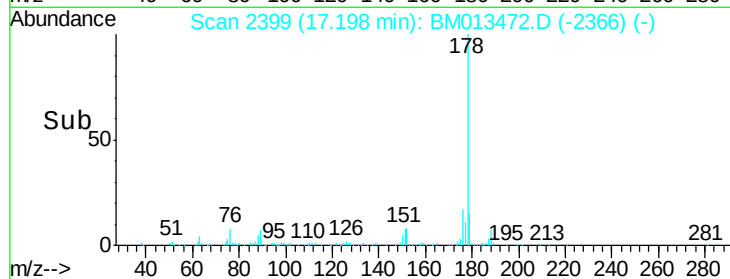
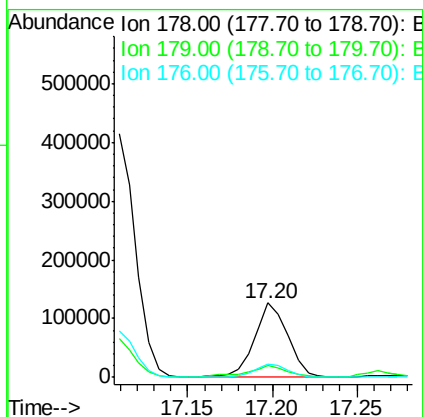
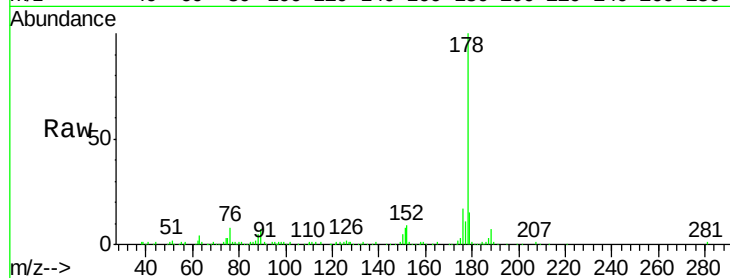




#71
 Anthracene
 Concen: 1.80 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013472.D
 Acq: 16 Dec 2017 11:11

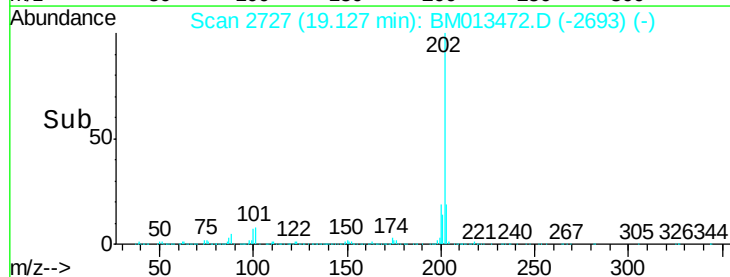
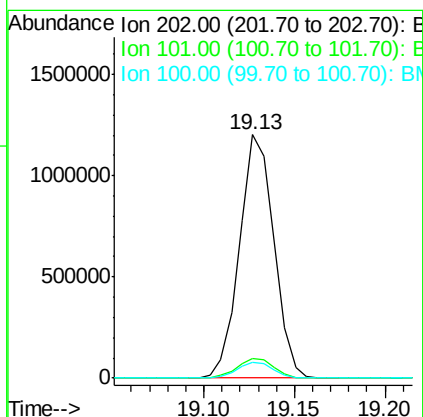
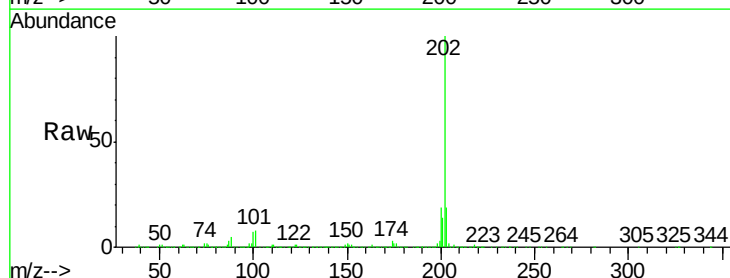
Instrument :
 BNA_M
 ClientSampleId :
 C02B3

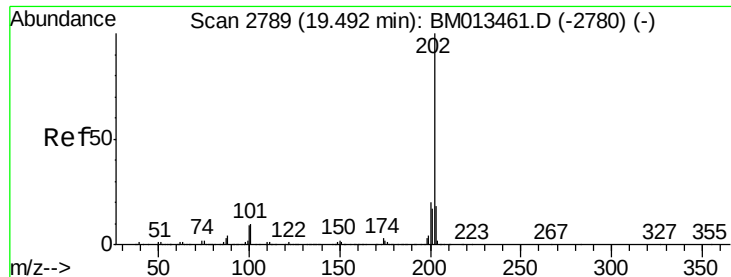
Tgt Ion:178 Resp: 171428
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.7 17.5
 176 17.3 14.6 21.8



#74
 Fluoranthene
 Concen: 13.90 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013472.D
 Acq: 16 Dec 2017 11:11

Tgt Ion:202 Resp: 1584146
 Ion Ratio Lower Upper
 202 100
 101 8.2 4.6 7.0#
 100 6.6 3.4 5.2#





#77

Pyrene

Concen: 16.35 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

Instrument :

BNA_M

ClientSampleId :

C02B3

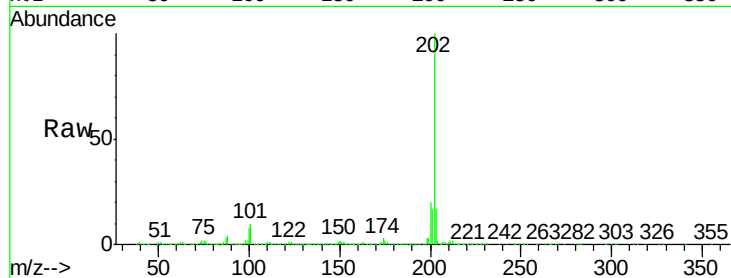
Tgt Ion:202 Resp: 1317507

Ion Ratio Lower Upper

202 100

101 10.1 5.1 7.7#

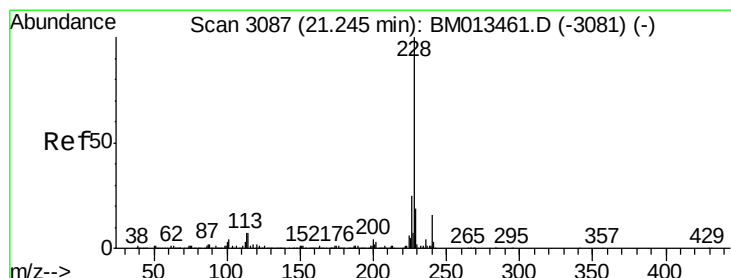
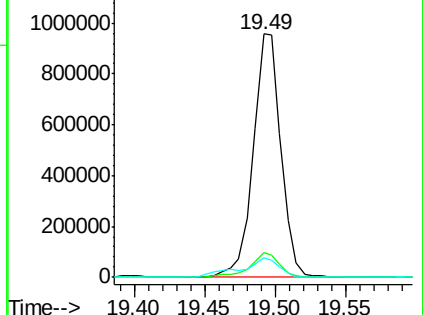
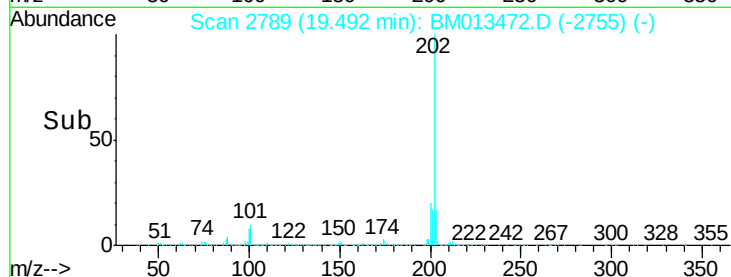
100 8.0 4.9 7.3#



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: 8.25 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

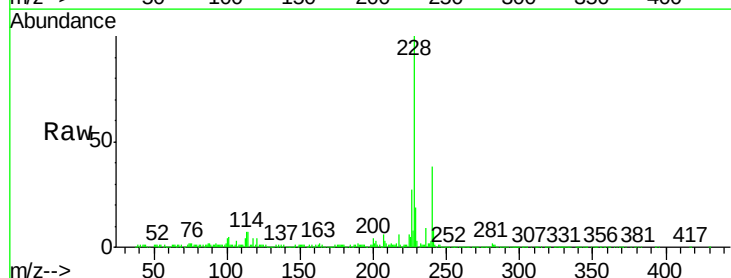
Tgt Ion:228 Resp: 694752

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.0

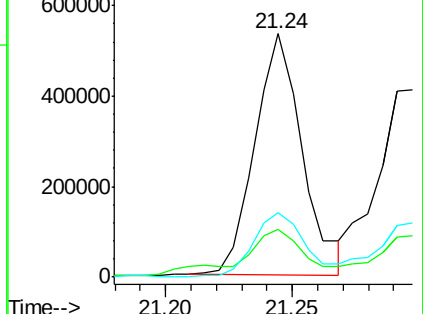
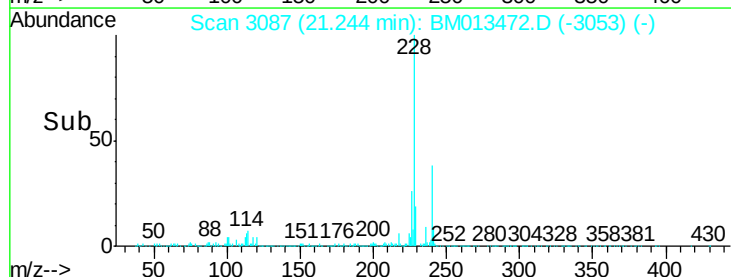
226 26.7 21.4 32.0

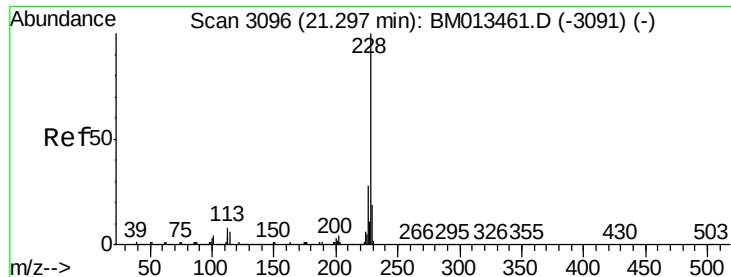


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 7.55 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

Instrument :

BNA_M

ClientSampleId :

C02B3

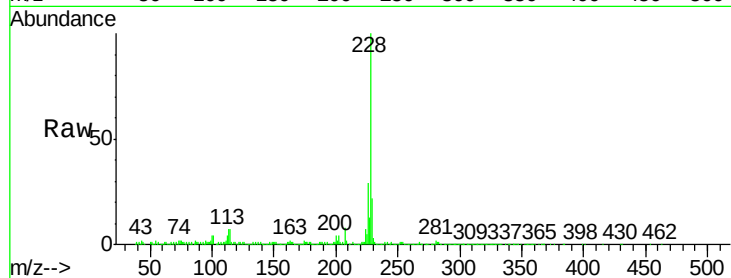
Tgt Ion:228 Resp: 589505

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

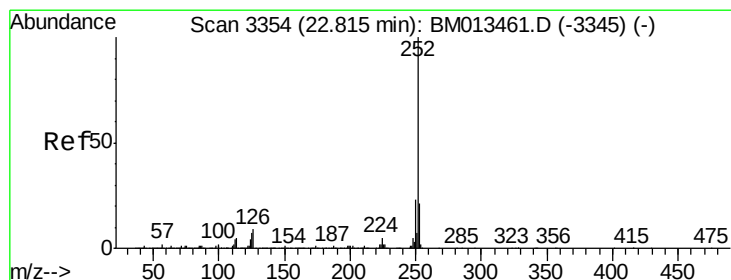
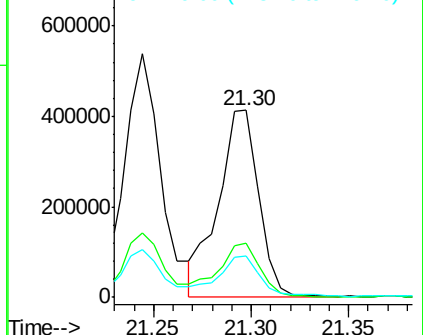
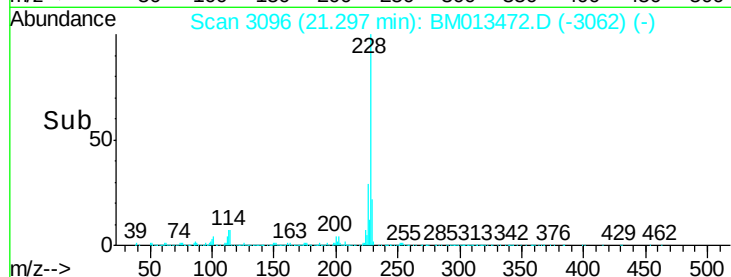
229 21.9 15.5 23.3



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: 10.44 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

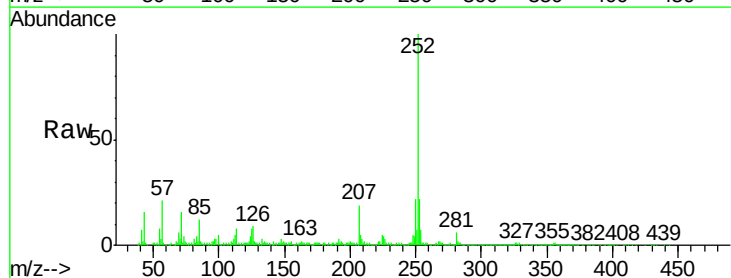
Tgt Ion:252 Resp: 769081

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

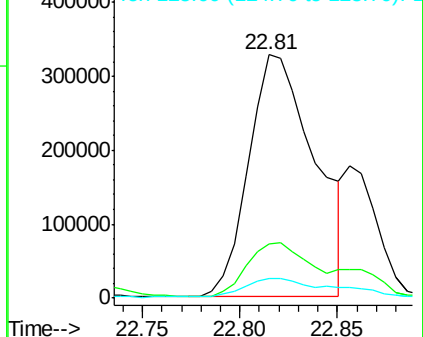
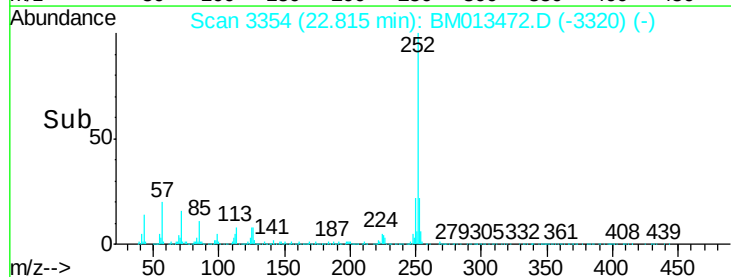
125 8.1 3.6 5.4#

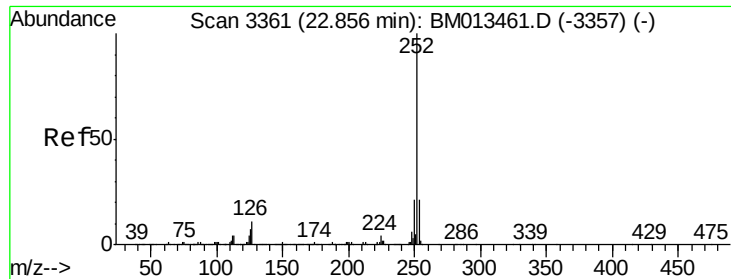


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

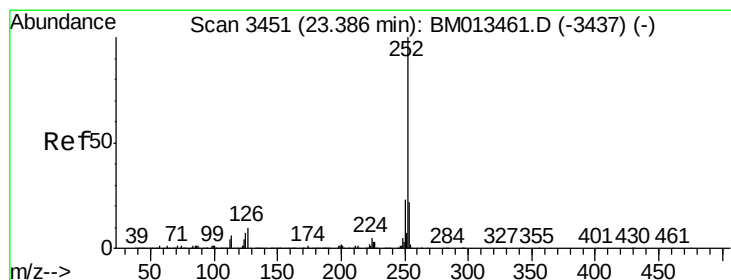
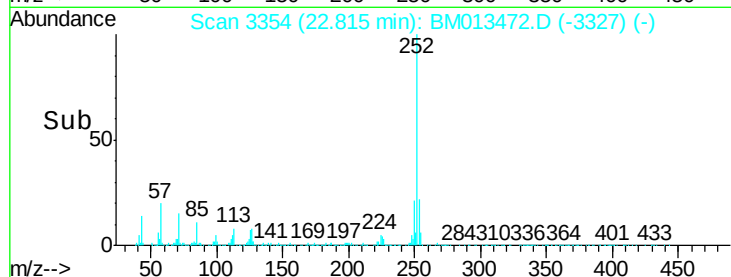
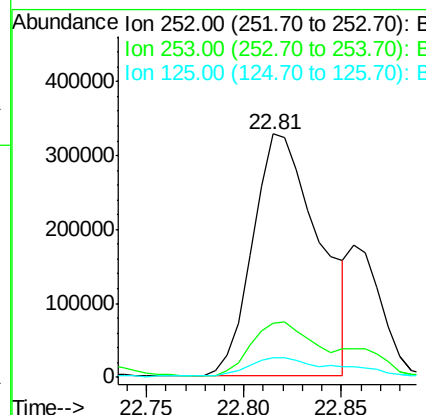
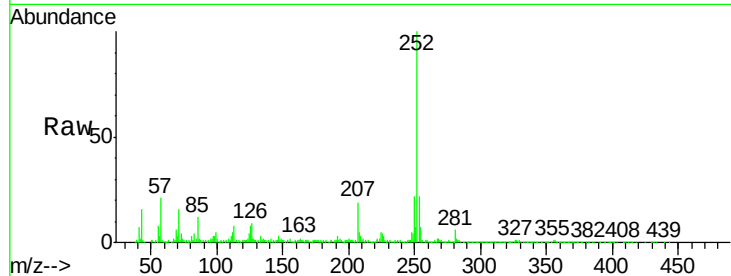




#86
Benzo(k)fluoranthene
Concen: 11.10 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

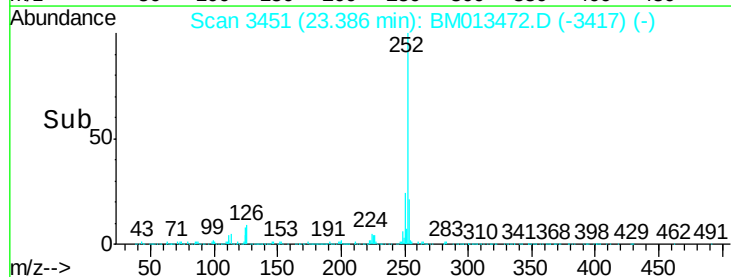
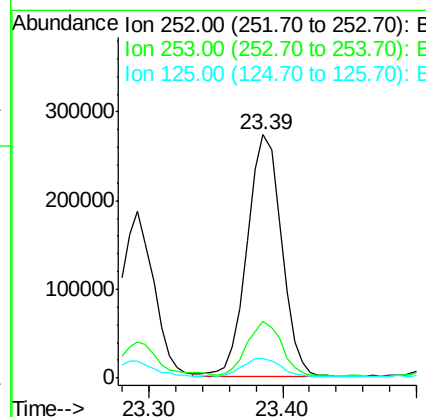
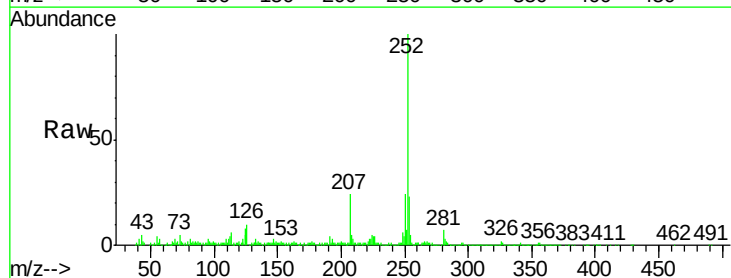
Instrument :
BNA_M
ClientSampled :
C02B3

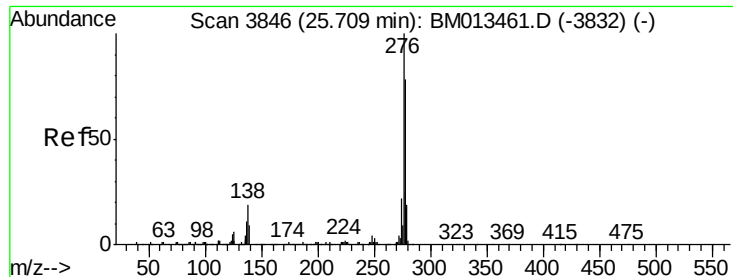
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.1	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 7.39 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.3	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.59 ng/ul

RT: 25.71 min Scan# 3846

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

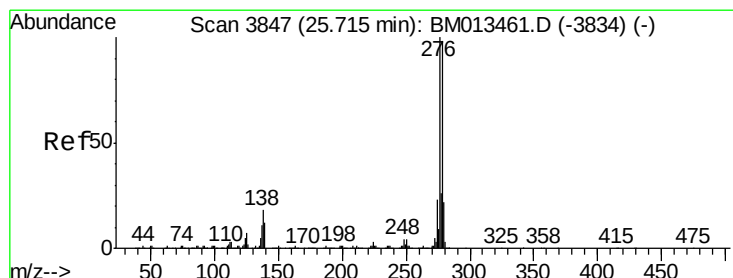
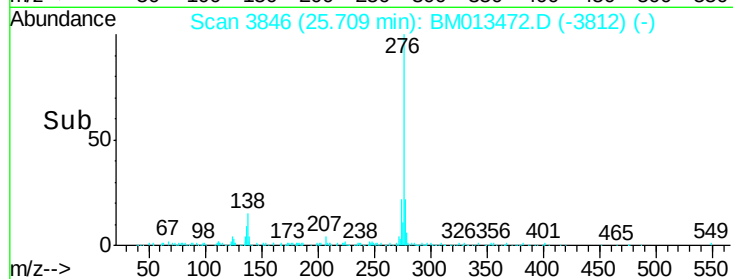
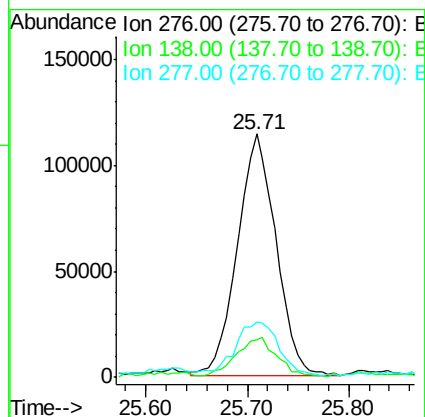
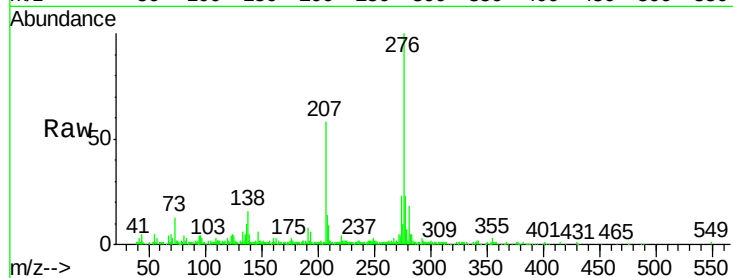
Instrument :

BNA_M

ClientSampleId :

C02B3

Tgt Ion:	276	Resp:	301479
Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	22.6	19.9	29.9



#90

Dibenzo(a,h)anthracene

Concen: 1.47 ng/ul

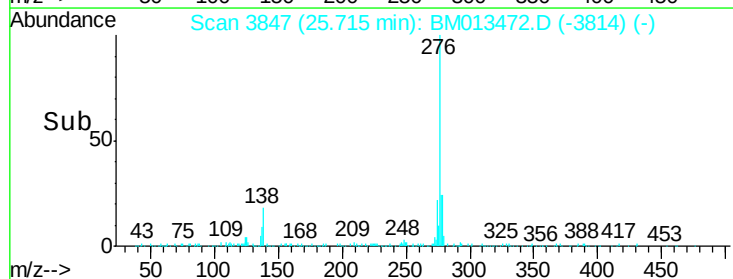
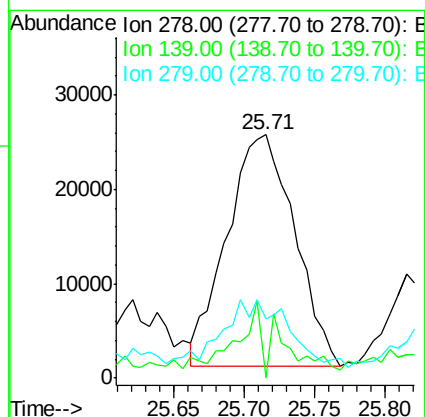
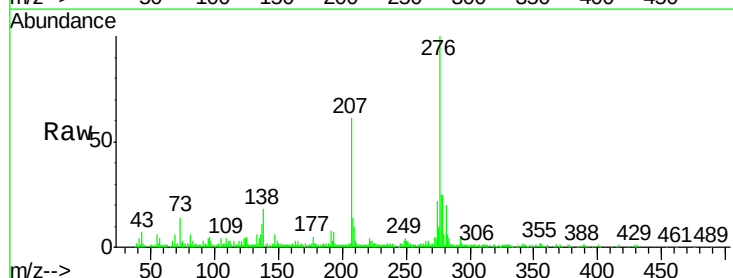
RT: 25.71 min Scan# 3847

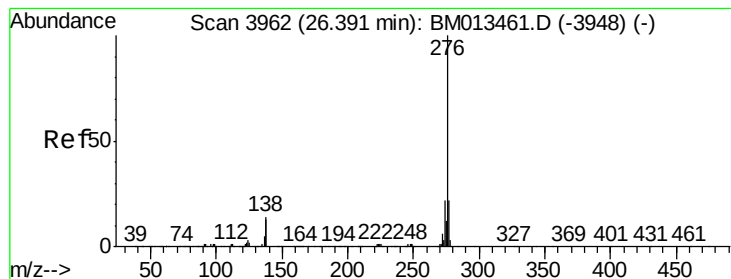
Delta R.T. -0.01 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

Tgt Ion:	278	Resp:	81992
Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	24.5	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 4.10 ng/ul

RT: 26.40 min Scan# 3963

Delta R.T. -0.00 min

Lab File: BM013472.D

Acq: 16 Dec 2017 11:11

Instrument :

BNA_M

ClientSampleId :

C02B3

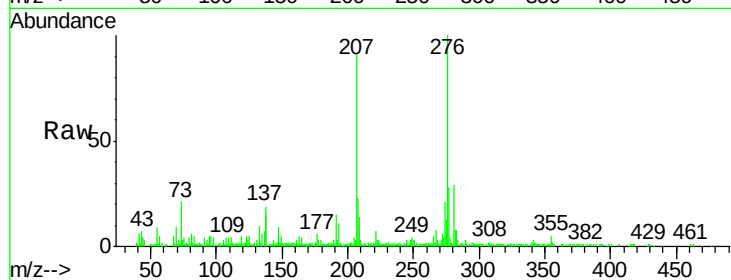
Tgt Ion: 276 Resp: 212318

Ion Ratio Lower Upper

276 100

138 15.3 8.5 12.7#

277 28.5 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

