

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010472.D
 Acq On : 10 Jun 2017 02:15
 Operator : SJ/MA
 Sample : I3521-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C00

Quant Time: Jun 10 04:01:44 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	284755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1034386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	735214	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.39	188	2458766	20.00	ng/ul	0.10
75) Chrysene-d12	21.45	240	2114657	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1856704	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	27200	3.92	ng/uL	0.00
5) Phenol-d5	7.09	99	475332	22.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	260945	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	411068	23.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	424545	24.39	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	201131	26.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	242904	27.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	527031	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	489839	28.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1742944	28.53	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1928498	27.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	181353	19.84	ng/ul	0.00
57) Fluorene-d10	15.53	176	1530661	28.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	273093	15.68	ng/ul	0.00
70) Anthracene-d10	17.39	188	2456442	20.53	ng/ul	0.00
76) Pyrene-d10	19.67	212	2942515	33.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	2337399	27.04	ng/ul	0.00

Target Compounds

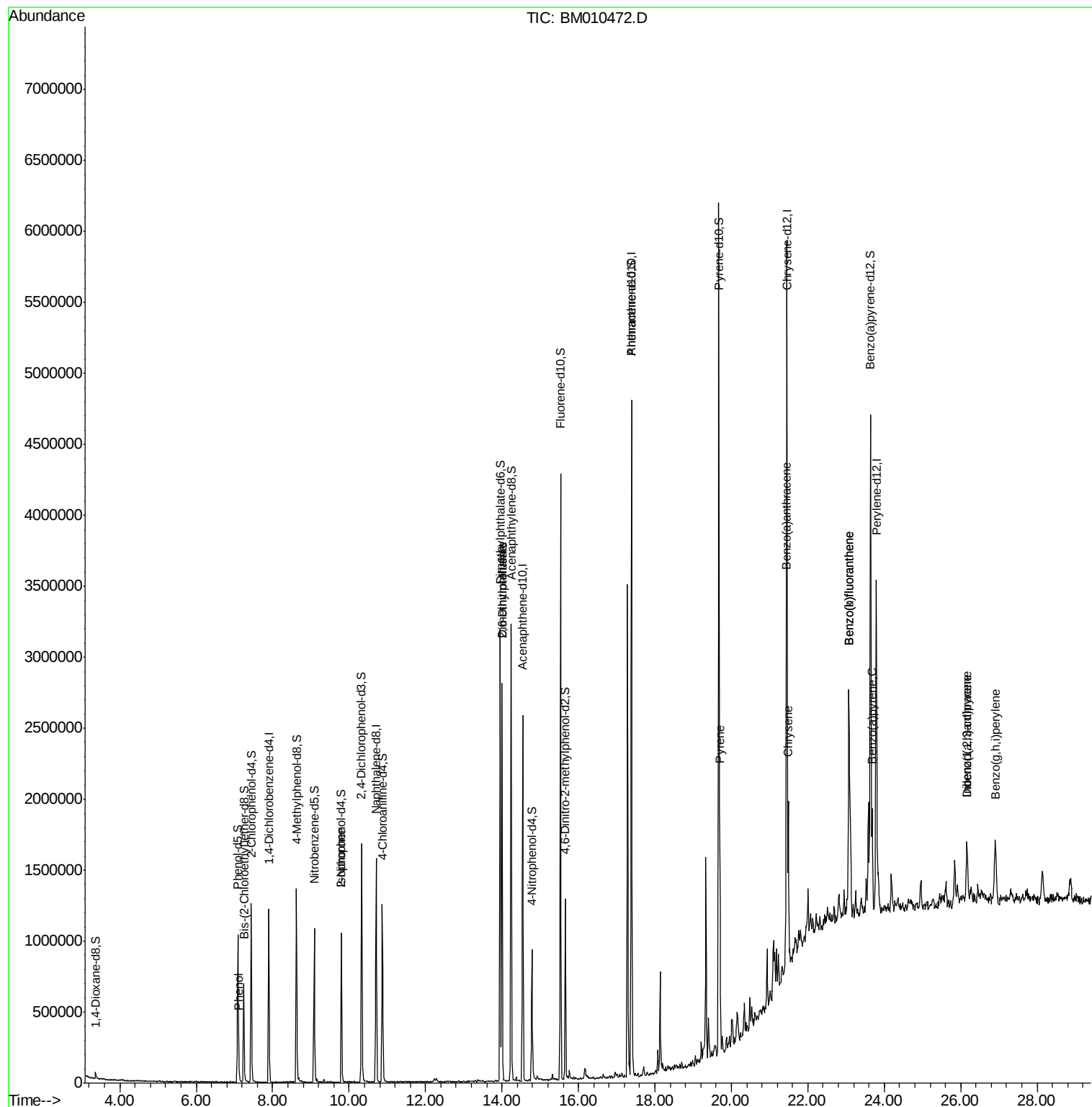
					Qvalue	
6) Phenol	7.12	94	39252	1.774	ng/ul#	88
21) Isophorone	9.80	82	39619	1.190	ng/ul#	72
44) Dimethylphthalate	14.00	163	1513738	25.198	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	17543	1.593	ng/ul#	45
77) Pyrene	19.70	202	958493	8.796	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	582325	4.883	ng/ul	98
82) Chrysene	21.49	228	730536	6.777	ng/ul	98
85) Benzo(b)fluoranthene	23.07	252	1245481	11.528	ng/ul	100
86) Benzo(k)fluoranthene	23.07	252	1245481	12.067	ng/ul	98
88) Benzo(a)pyrene	23.69	252	534724	4.993	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.17	276	437203	3.231	ng/ul	97
90) Dibenzo(a,h)anthracene	26.17	278	124838	1.071	ng/ul#	85
91) Benzo(g,h,i)perylene	26.91	276	351632	3.155	ng/ul#	97

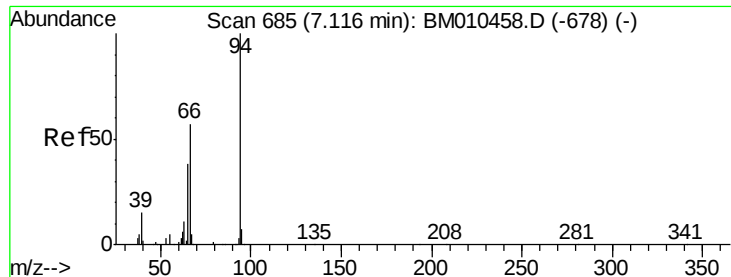
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.774 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

Instrument :

BNA_M

ClientSampled :

F5C00

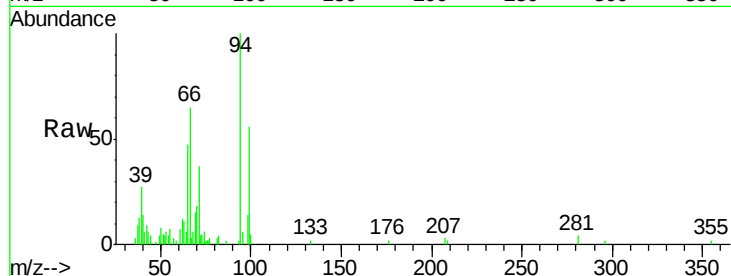
Tgt Ion: 94 Resp: 39252

Ion Ratio Lower Upper

94 100

65 47.1 28.2 42.4#

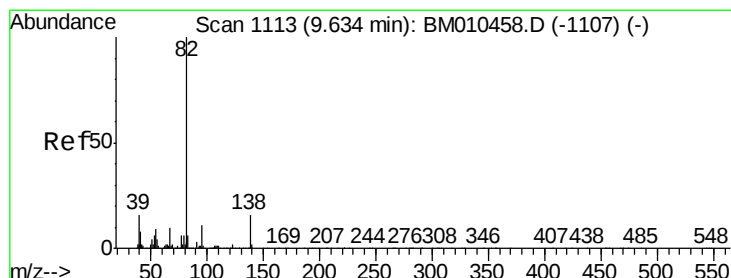
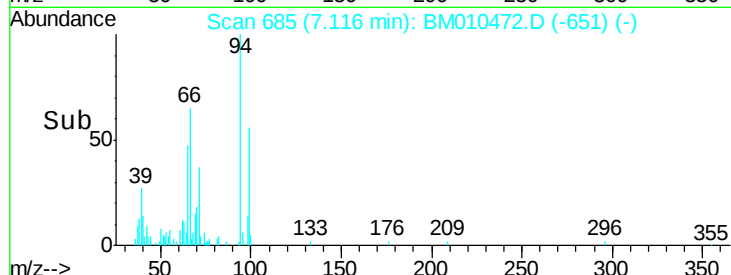
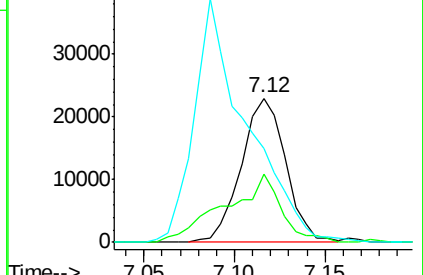
66 64.8 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010472.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM010472.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM010472.D (-651) (-)



#21

Isophorone

Concen: 1.190 ng/ul

RT: 9.80 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

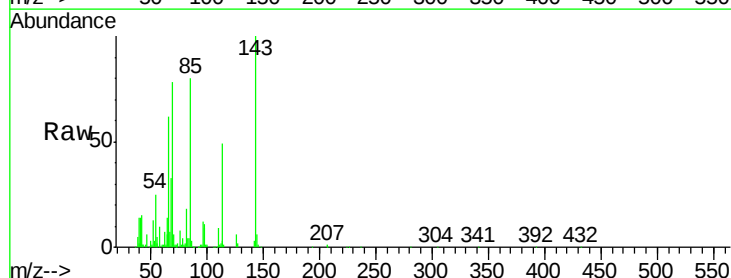
Tgt Ion: 82 Resp: 39619

Ion Ratio Lower Upper

82 100

95 3.9 7.8 11.8#

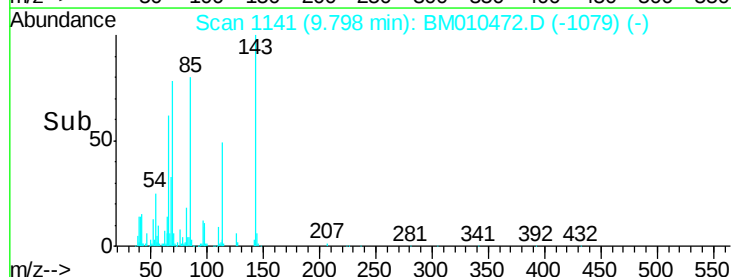
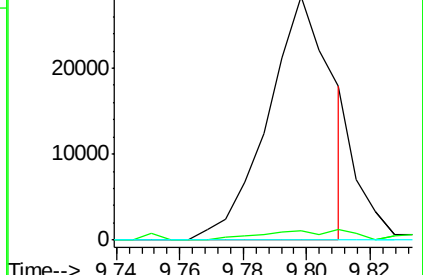
138 0.0 11.9 17.9#

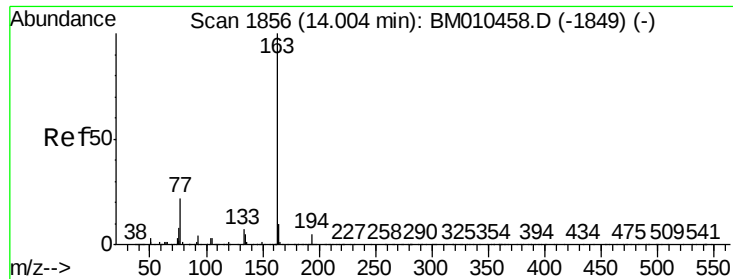


Abundance Ion 82.00 (81.70 to 82.70): BM010472.D (-1079) (-)

Ion 95.00 (94.70 to 95.70): BM010472.D (-1079) (-)

Ion 138.00 (137.70 to 138.70): BM010472.D (-1079) (-)





#44

Dimethylphthalate

Concen: 25.198 ng/ul

RT: 14.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

Instrument :

BNA_M

ClientSampleId :

F5C00

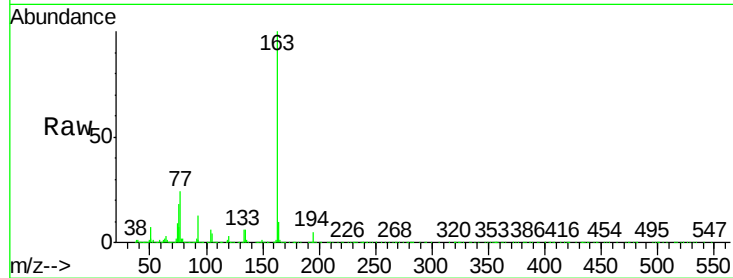
Tgt Ion:163 Resp: 1513738

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

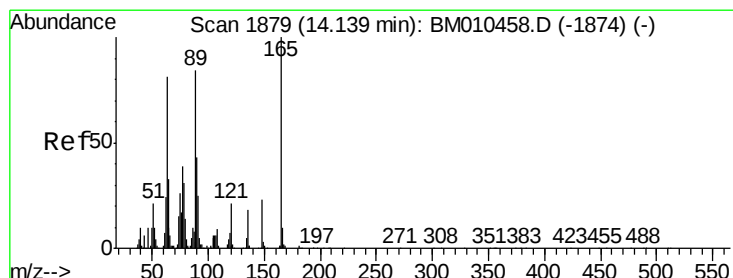
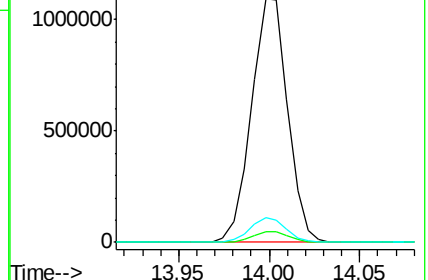
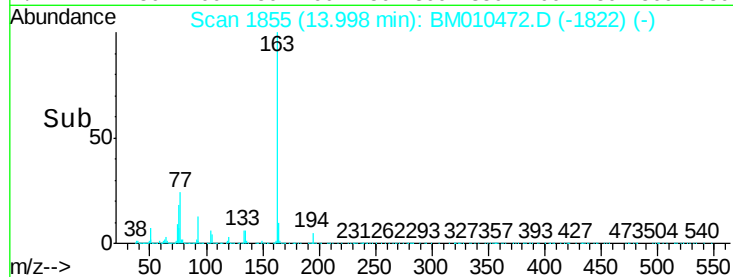
164 10.2 8.2 12.4



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



#45

2,6-Dinitrotoluene

Concen: 1.593 ng/ul

RT: 14.00 min Scan# 1856

Delta R.T. -0.14 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

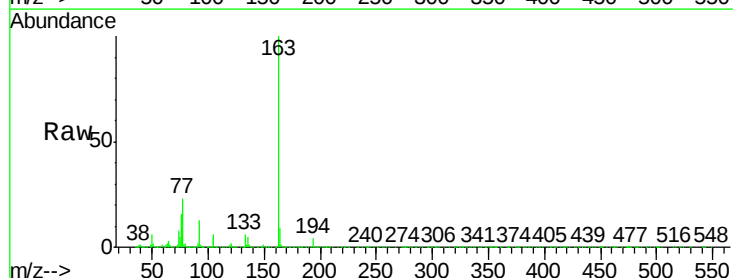
Tgt Ion:165 Resp: 17543

Ion Ratio Lower Upper

165 100

89 17.0 52.6 79.0#

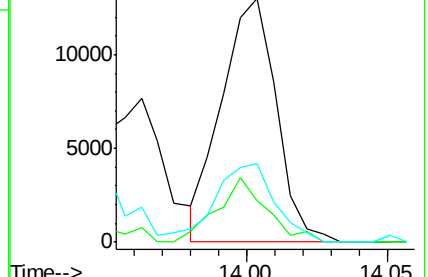
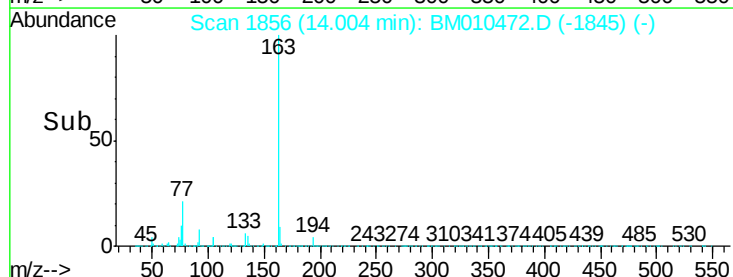
121 32.0 14.6 22.0#

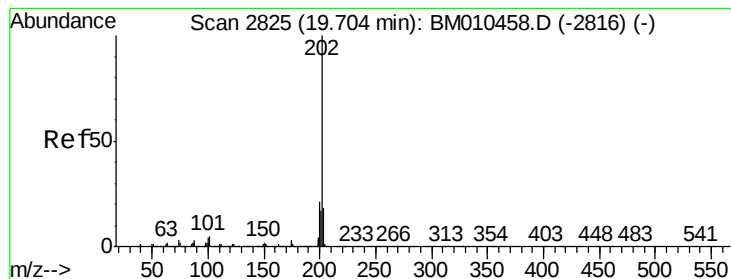


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#77

Pyrene

Concen: 8.796 ng/ul

RT: 19.70 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

Instrument :

BNA_M

ClientSampleId :

F5C00

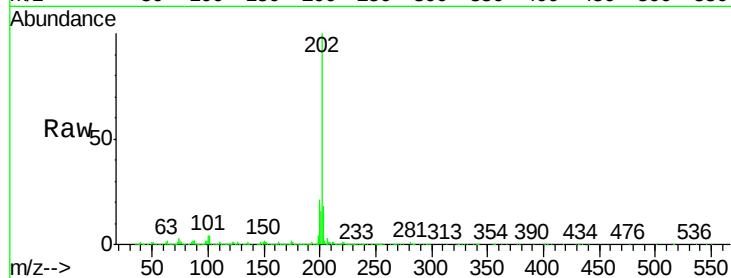
Tgt Ion:202 Resp: 958493

Ion Ratio Lower Upper

202 100

101 4.4 5.1 7.7#

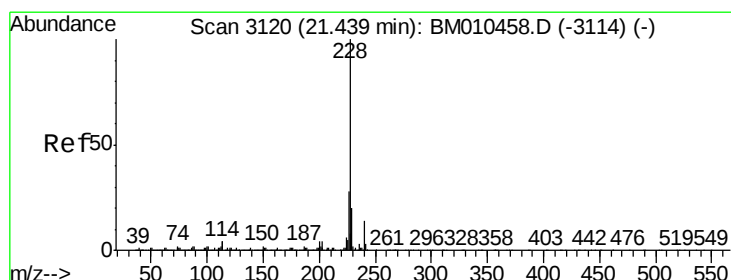
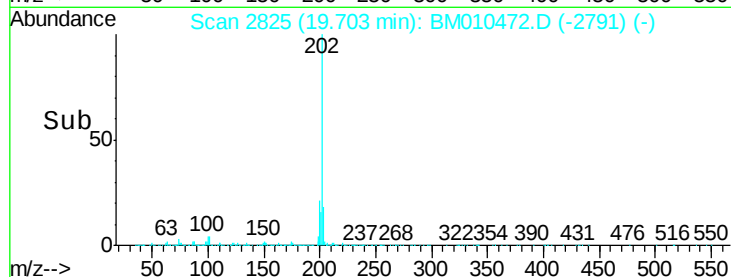
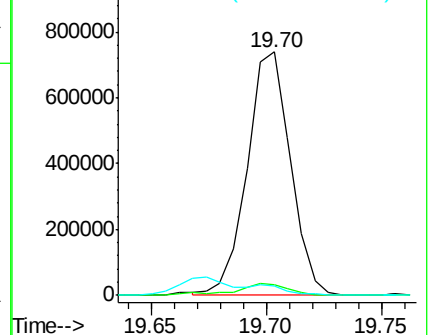
100 3.8 4.9 7.3#



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: 4.883 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

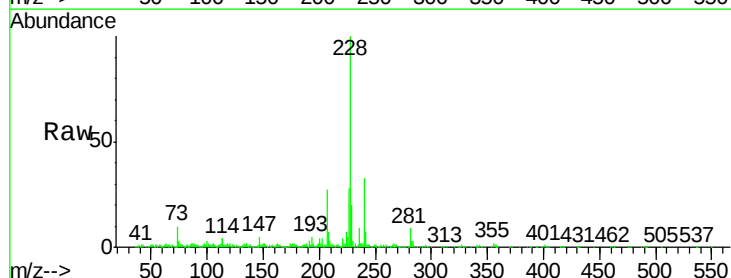
Tgt Ion:228 Resp: 582325

Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.0

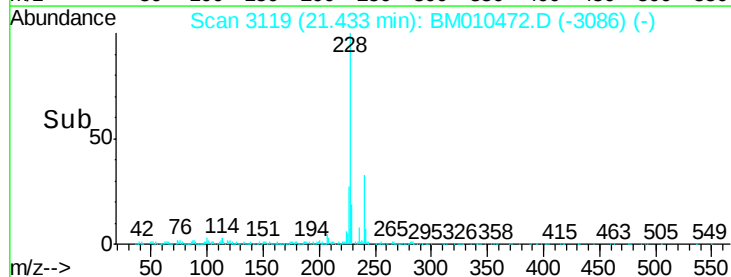
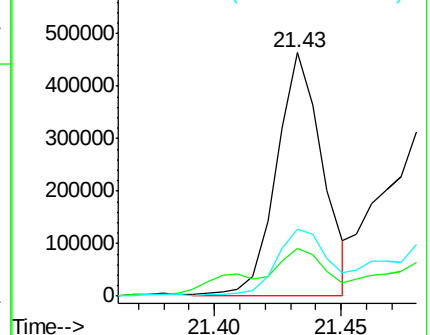
226 27.5 21.4 32.0

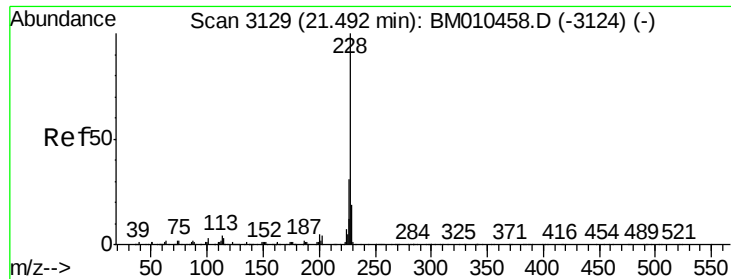


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 6.777 ng/ul

RT: 21.49 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

Instrument :

BNA_M

ClientSampleId :

F5C00

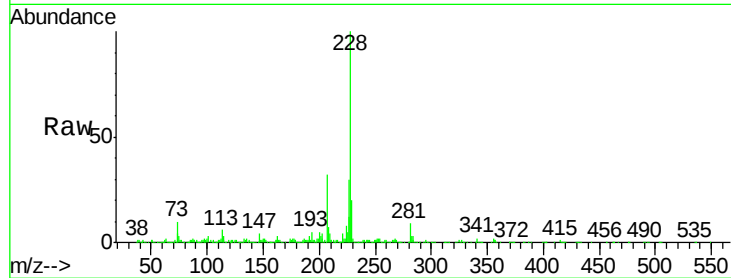
Tgt Ion:228 Resp: 730536

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

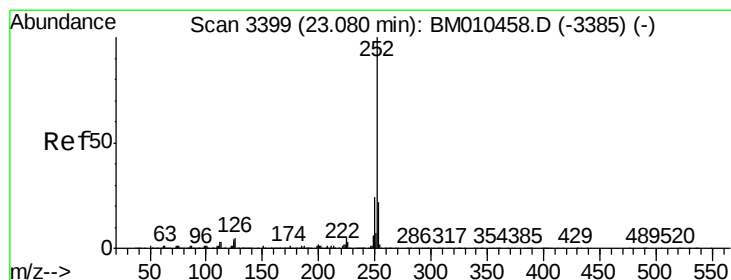
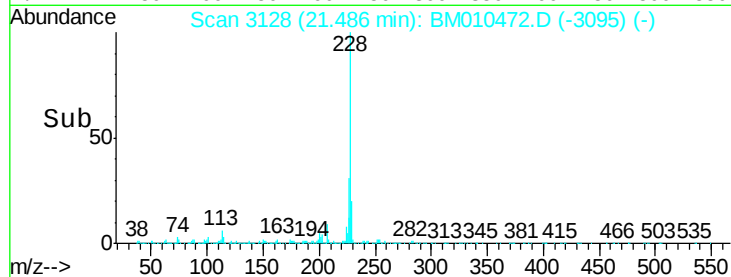
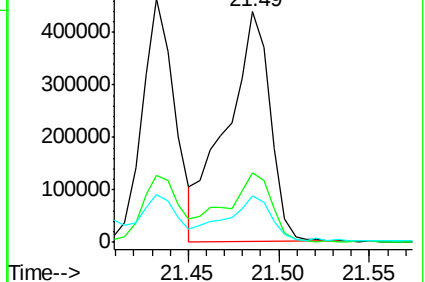
229 20.0 15.5 23.3



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: 11.528 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. -0.01 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

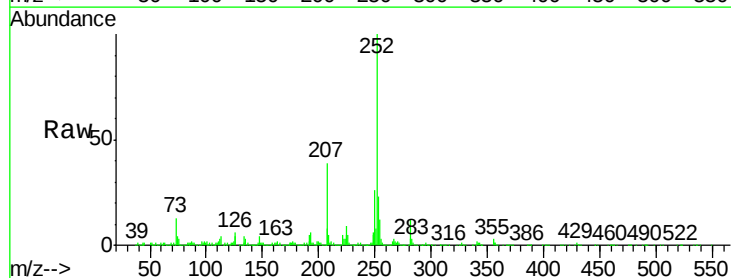
Tgt Ion:252 Resp: 1245481

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

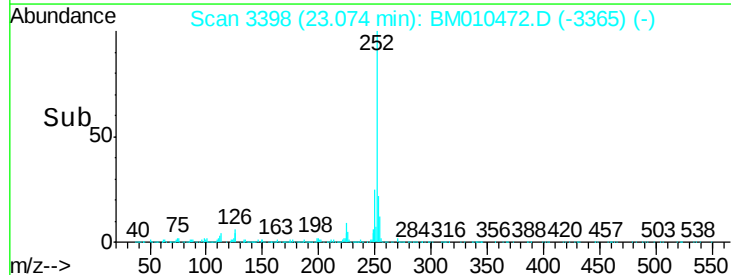
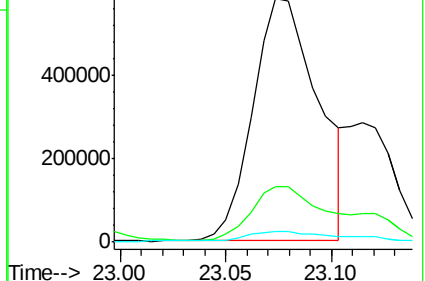
125 4.4 3.6 5.4

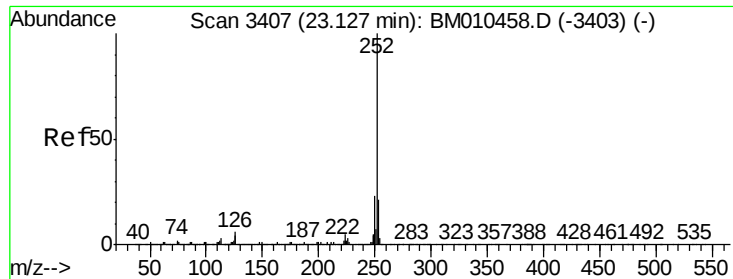


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 12.067 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. -0.05 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

Instrument :

BNA_M

ClientSampleId :

F5C00

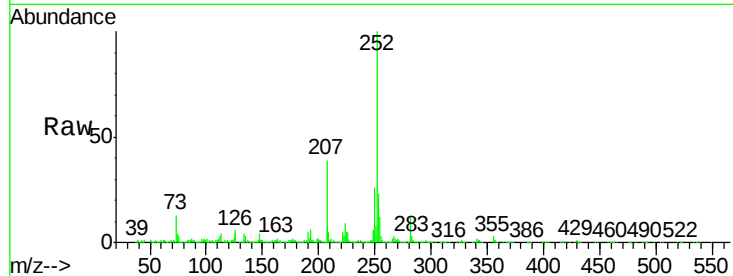
Tgt Ion:252 Resp: 1245481

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

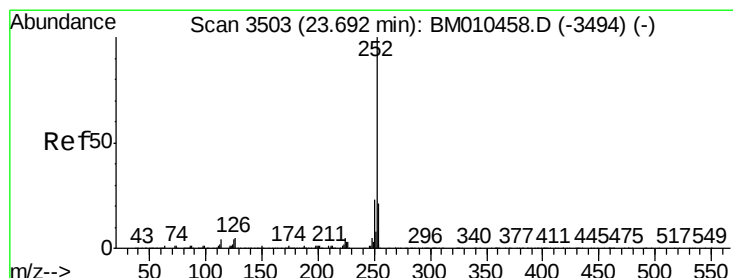
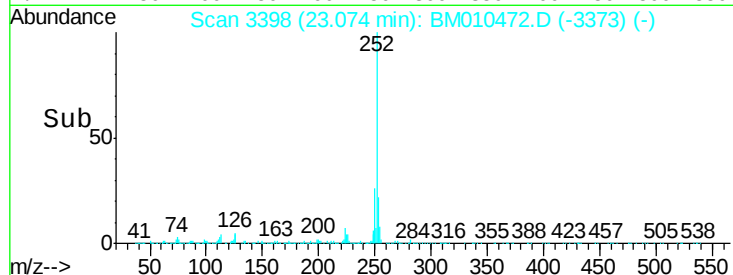
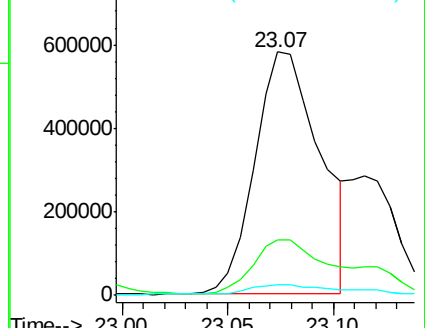
125 4.4 3.4 5.2



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: 4.993 ng/ul

RT: 23.69 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

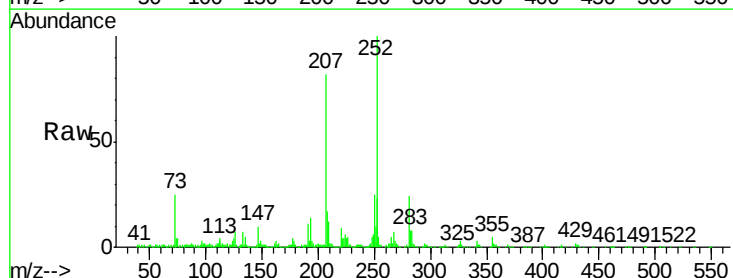
Tgt Ion:252 Resp: 534724

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

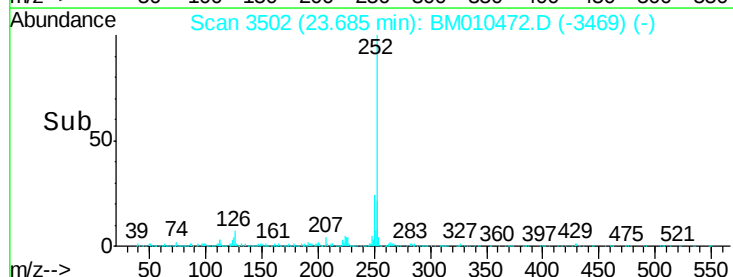
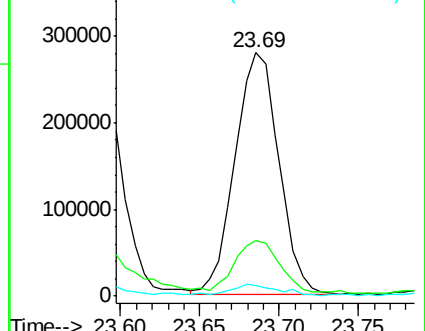
125 4.5 4.0 6.0

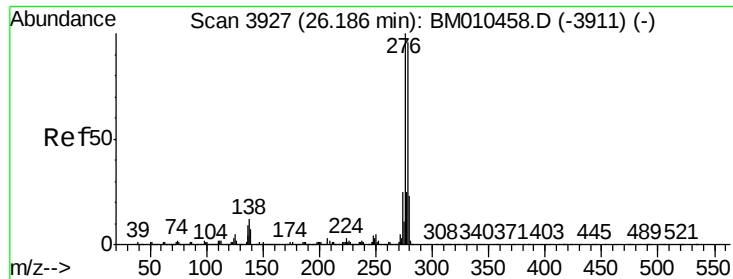


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



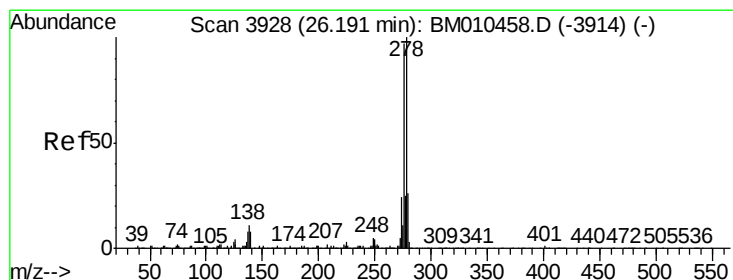
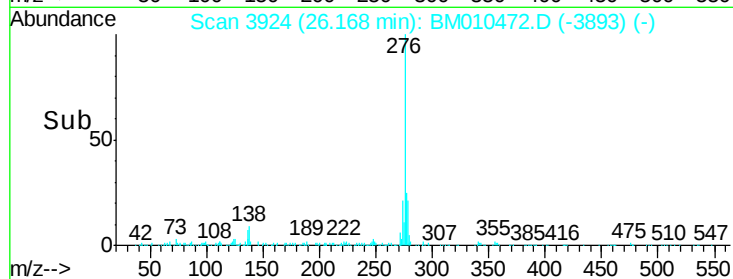
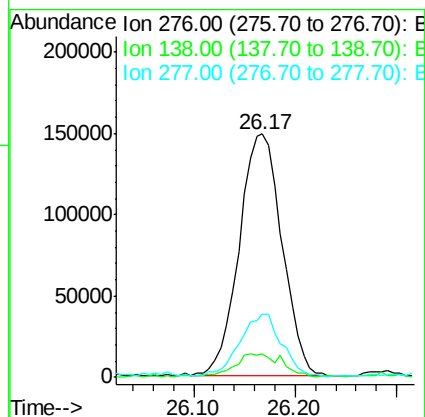
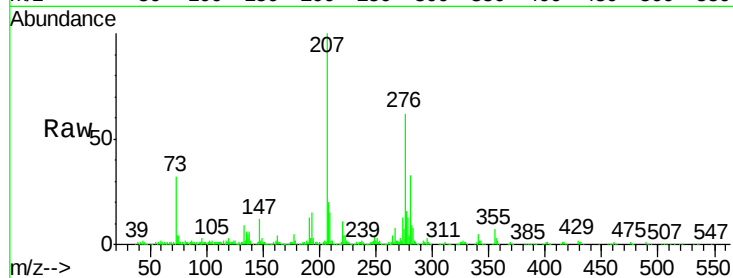


#89

Indeno(1,2,3-cd)pyrene
Concen: 3.231 ng/ul
RT: 26.17 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Instrument :
BNA_M
ClientSampleId :
F5C00

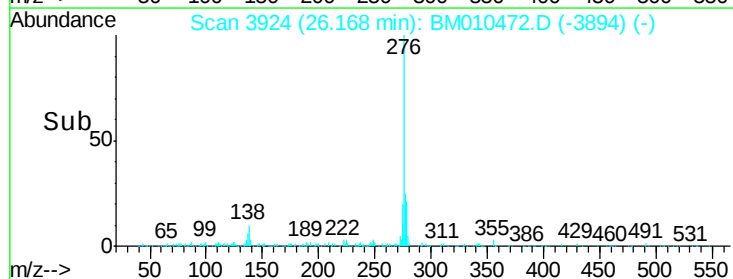
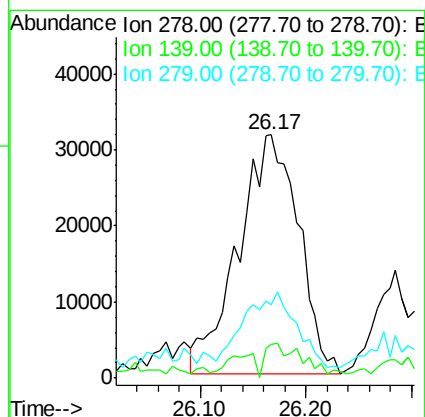
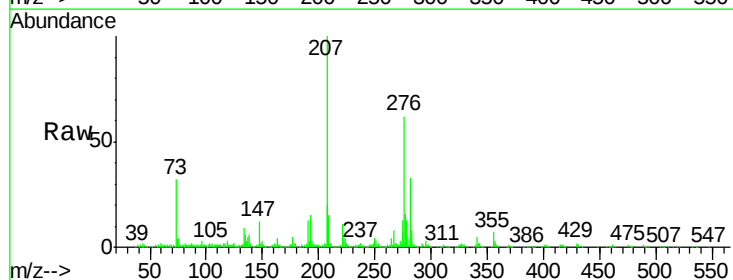
Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	9.3	13.9
277	26.0	19.9	29.9

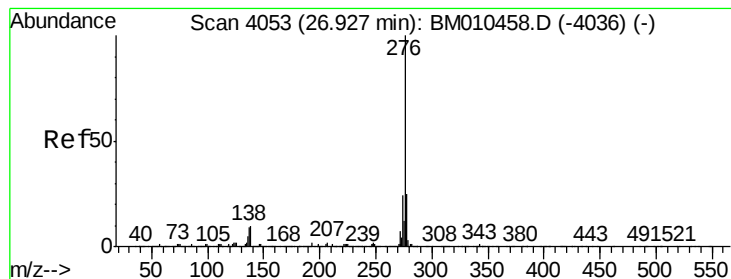


#90

Dibenzo(a,h)anthracene
Concen: 1.071 ng/ul
RT: 26.17 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM010472.D
Acq: 10 Jun 2017 02:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	5.8	8.8#
279	30.0	18.6	27.8#





#91

Benzo(g,h,i)perylene

Concen: 3.155 ng/ul

RT: 26.91 min Scan# 4051

Delta R.T. -0.01 min

Lab File: BM010472.D

Acq: 10 Jun 2017 02:15

Instrument :

BNA_M

ClientSampleId :

F5C00

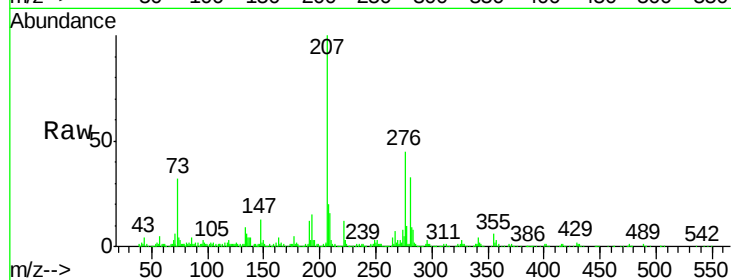
Tgt Ion: 276 Resp: 351632

Ion Ratio Lower Upper

276 100

138 8.1 8.5 12.7#

277 22.6 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

