

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012361.D
 Acq On : 21 Oct 2017 16:24
 Operator : SJ/JU
 Sample : I5756-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:06:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 05:01:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	177351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	820504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	528063	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1241321	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1433616	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1263380	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	17536	4.70	ng/uL	0.00
5) Phenol-d5	6.94	99	347001	24.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	232135	26.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	315046	25.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	288817	23.31	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	165033	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	198882	27.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	364208	26.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	403433	30.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1381579	29.60	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1653718	29.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	100966	14.39	ng/ul	0.01
57) Fluorene-d10	15.42	176	1192034	31.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	152284	17.88	ng/ul	0.00
70) Anthracene-d10	17.27	188	1843792	30.04	ng/ul	0.00
76) Pyrene-d10	19.57	212	2259819	31.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1959182	32.17	ng/ul	0.00

Target Compounds

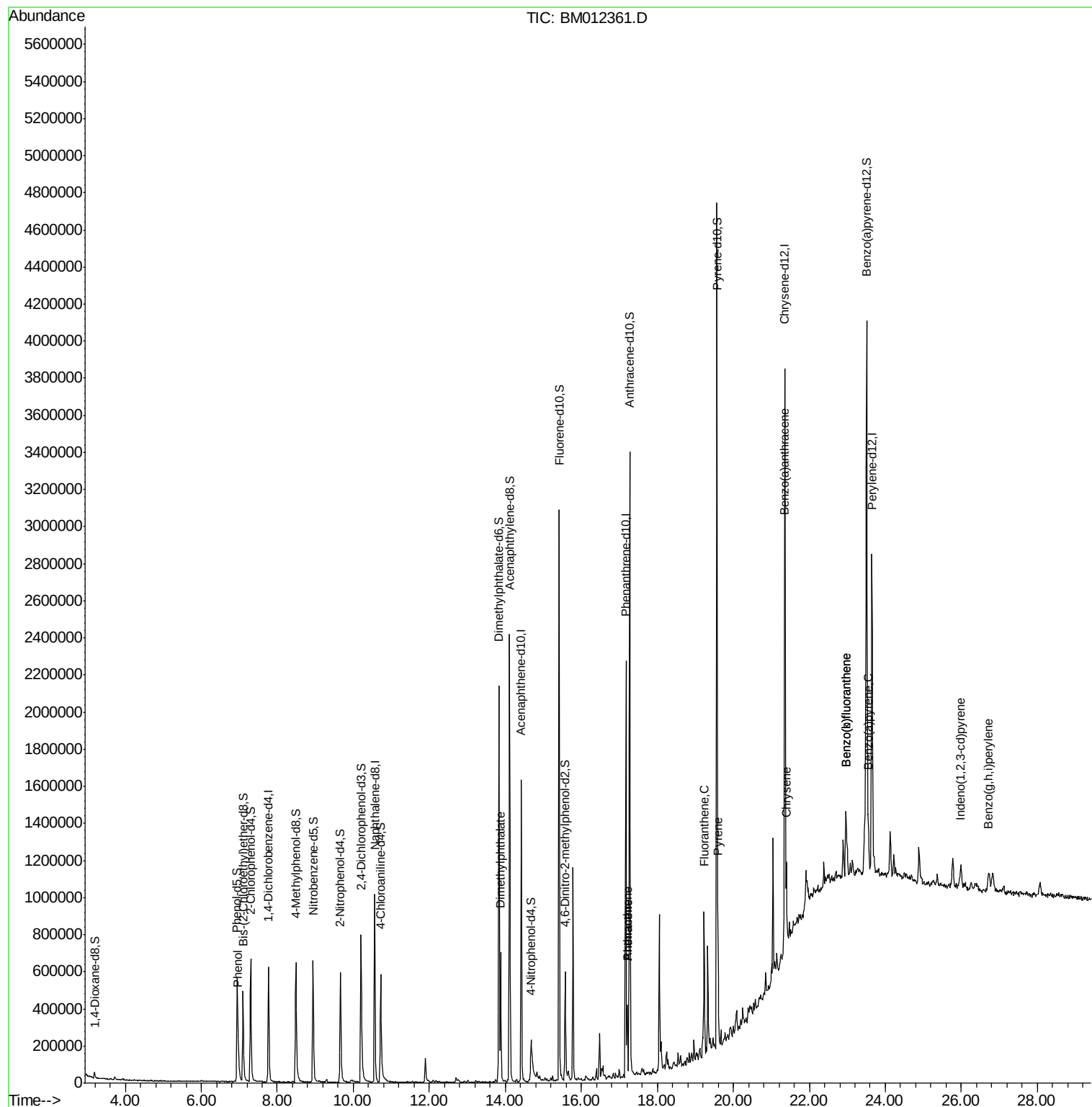
					Ovalue	
6) Phenol	6.97	94	76907	5.170	ng/ul#	86
44) Dimethylphthalate	13.88	163	446620	9.552	ng/ul	98
69) Phenanthrene	17.21	178	213033	3.017	ng/ul	96
71) Anthracene	17.21	178	213033	2.914	ng/ul	96
74) Fluoranthene	19.23	202	439206	5.154	ng/ul	97
77) Pyrene	19.59	202	400841	4.234	ng/ul#	97
80) Benzo(a)anthracene	21.34	228	215642	2.312	ng/ul	96
82) Chrysene	21.39	228	249204	2.845	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	284066	3.445	ng/ul#	93
86) Benzo(k)fluoranthene	22.96	252	284066	3.575	ng/ul#	94
88) Benzo(a)pyrene	23.55	252	191055	2.459	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.99	276	115394	1.398	ng/ul#	96
91) Benzo(g,h,i)perylene	26.71	276	92472	1.368	ng/ul#	93

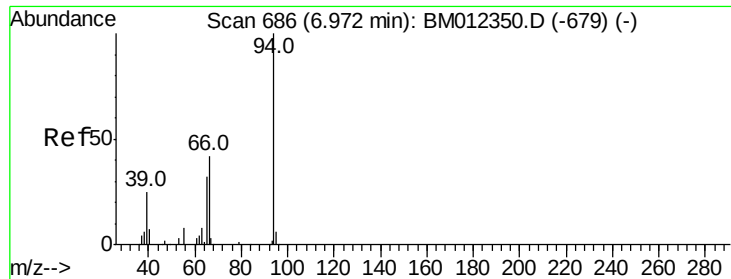
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.170 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

Instrument :

BNA_M

ClientSampleId :

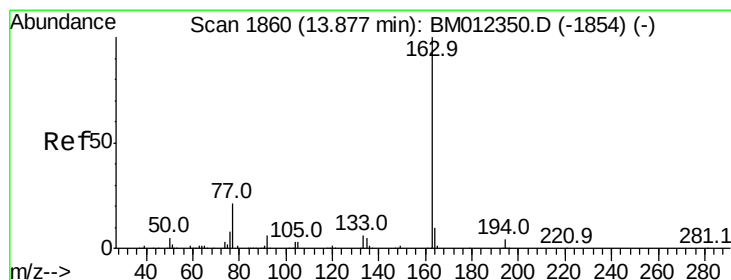
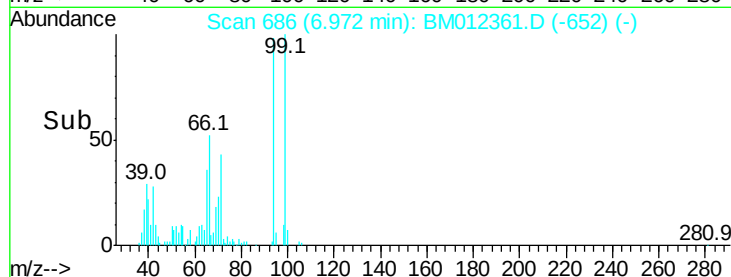
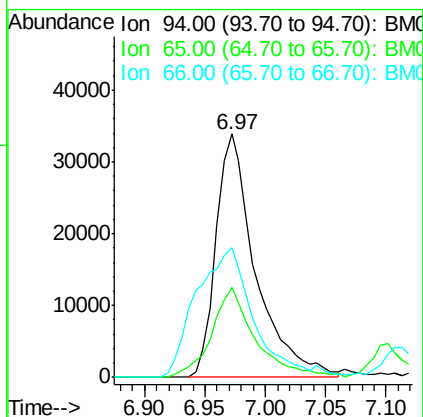
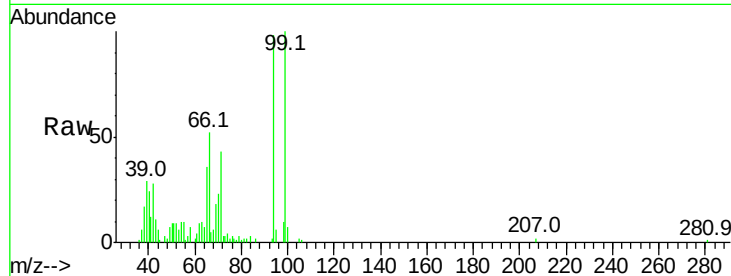
Tot Ion: 94 Resp: 76907

Ion Ratio Lower Upper

94 100

65 37.0 24.4 36.6#

66 53.4 35.0 52.4#



#44

Dimethylphthalate

Concen: 9.552 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

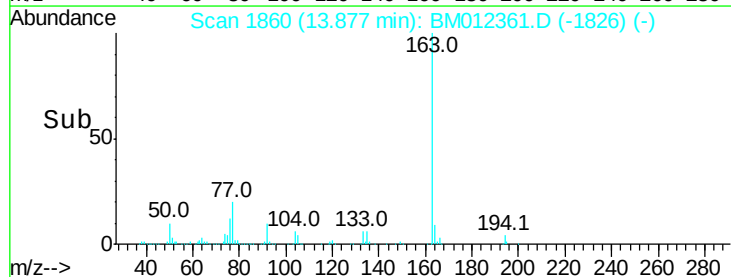
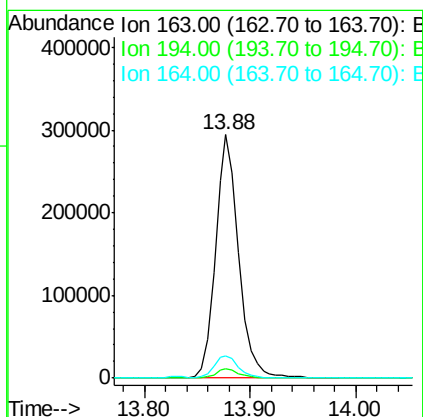
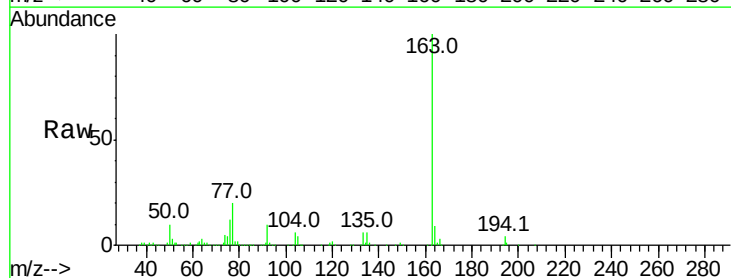
Tgt Ion:163 Resp: 446620

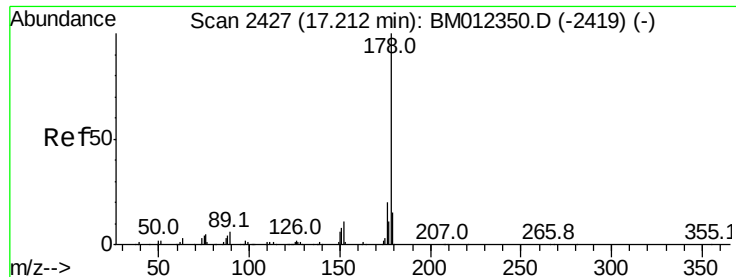
Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

164 9.3 8.1 12.1





#69

Phenanthrene

Concen: 3.017 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

Instrument :

BNA_M

ClientSampleId :

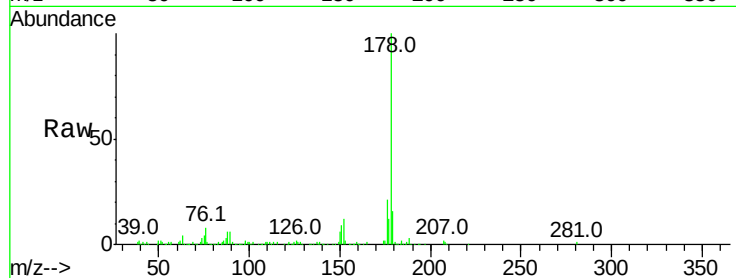
Tot Ion:178 Resp: 213033

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

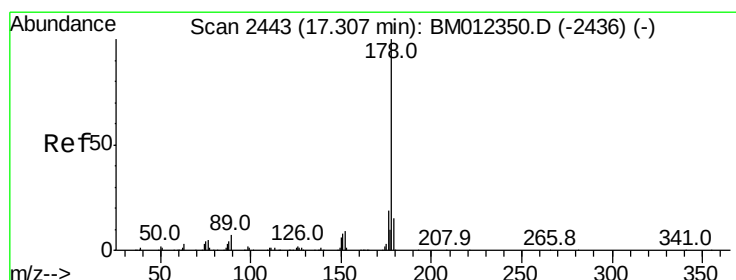
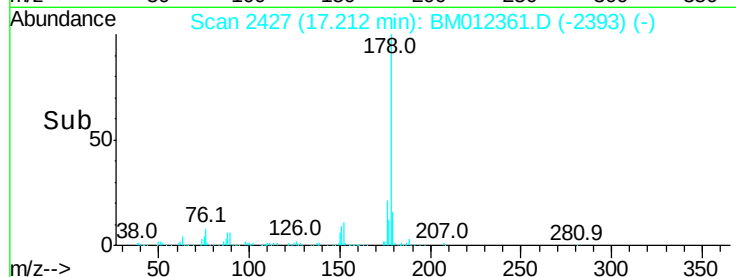
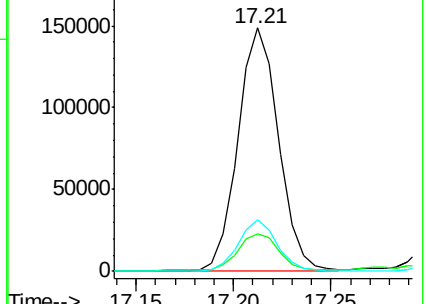
176 21.1 15.0 22.6



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: 2.914 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.09 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

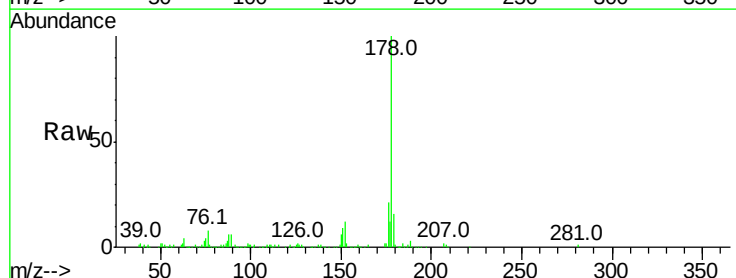
Tgt Ion:178 Resp: 213033

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

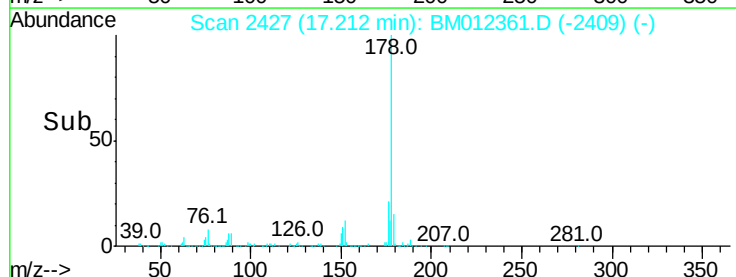
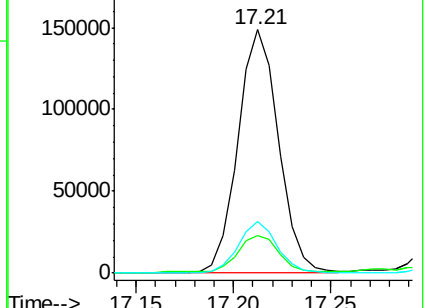
176 21.1 14.7 22.1

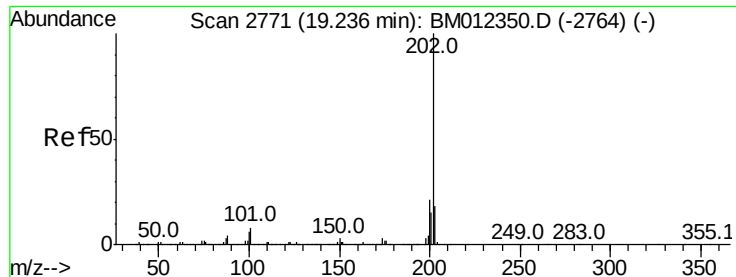


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 5.154 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM012361.D

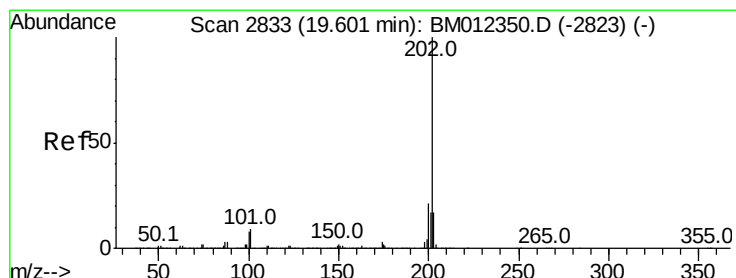
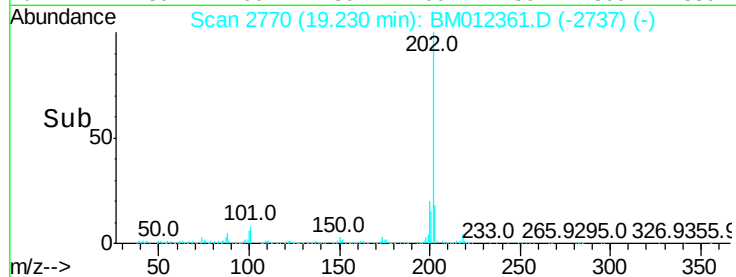
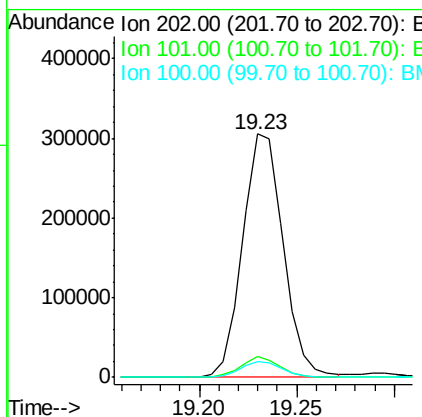
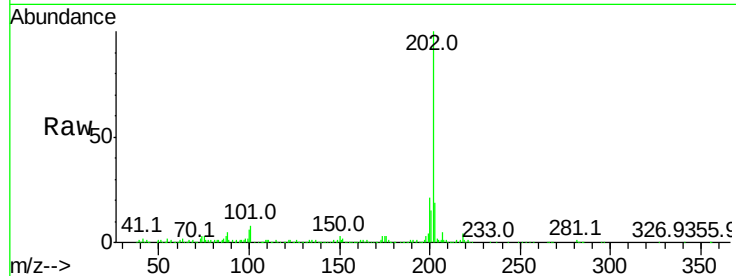
Acq: 21 Oct 2017 16:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	439206
Ion Ratio	Lower	Upper	
202	100		
101	8.3	5.8	8.6
100	6.4	4.3	6.5



#77

Pyrene

Concen: 4.234 ng/ul

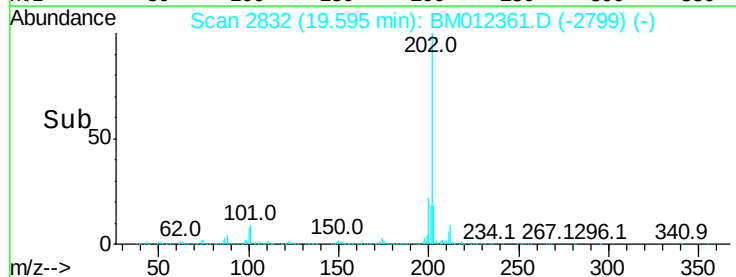
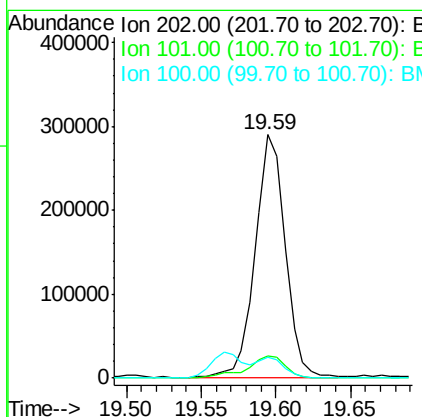
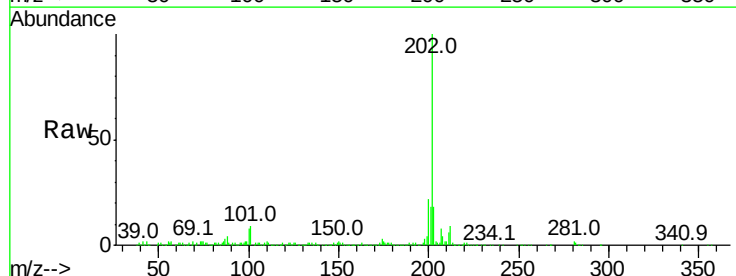
RT: 19.59 min Scan# 2832

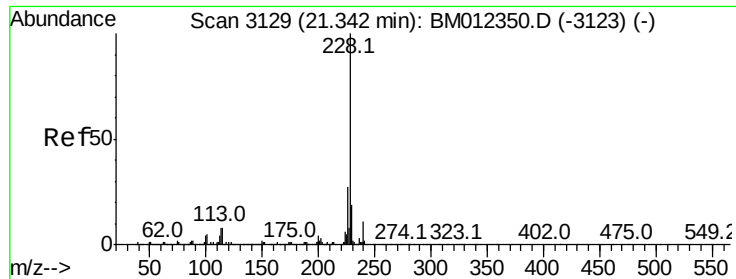
Delta R.T. -0.01 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

Tgt Ion:	202	Resp:	400841
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.5	9.7
100	8.4	5.6	8.4#





#80

Benzo(a)anthracene

Concen: 2.312 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

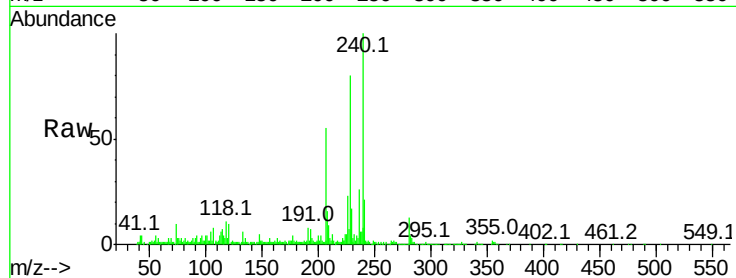
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 215642

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	28.4	21.4	32.2

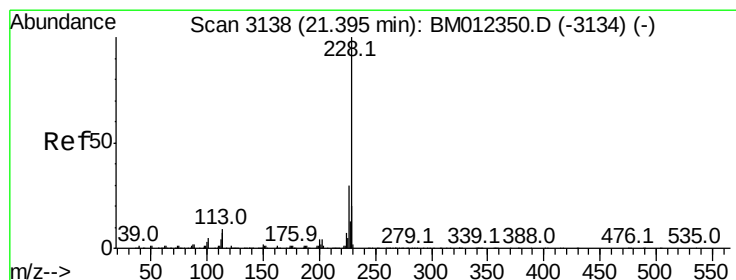
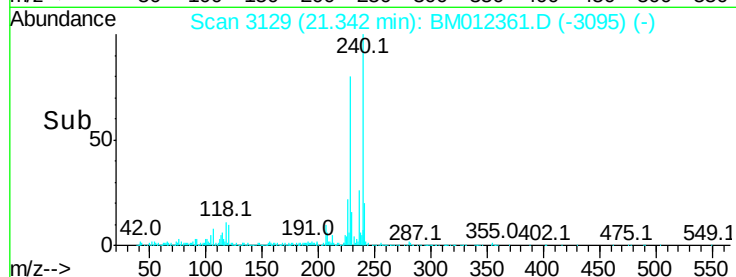
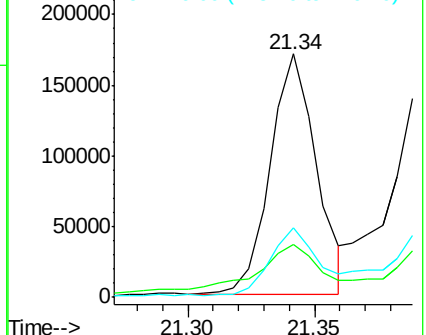


Abundance

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: 2.845 ng/ul

RT: 21.39 min Scan# 3138

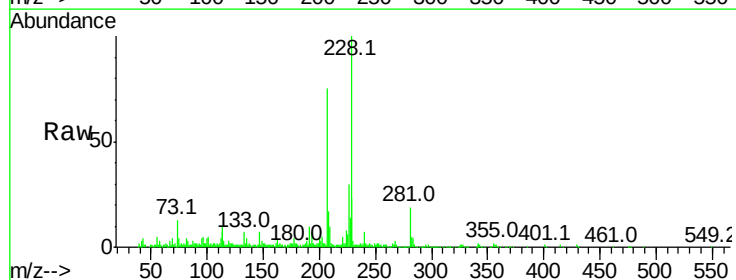
Delta R.T. -0.00 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

Tgt Ion:228 Resp: 249204

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.9	15.5	23.3

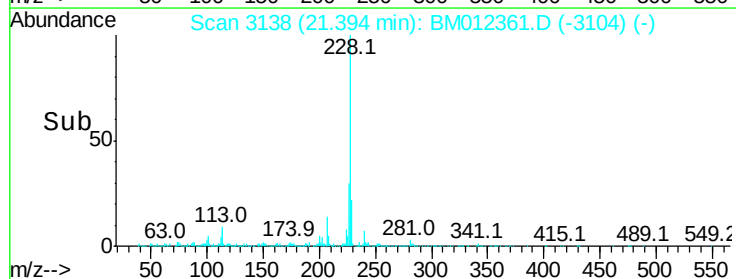
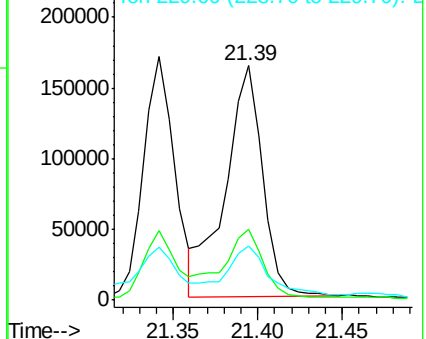


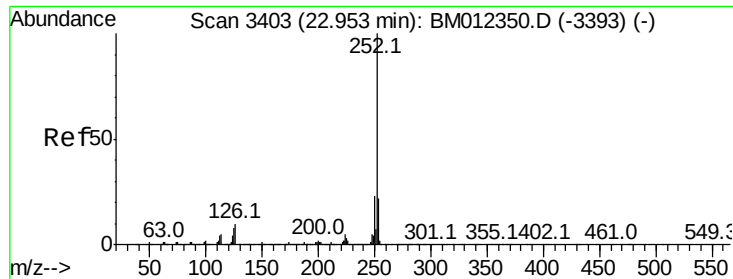
Abundance

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

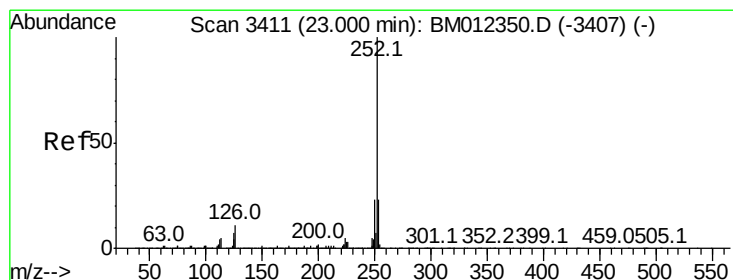
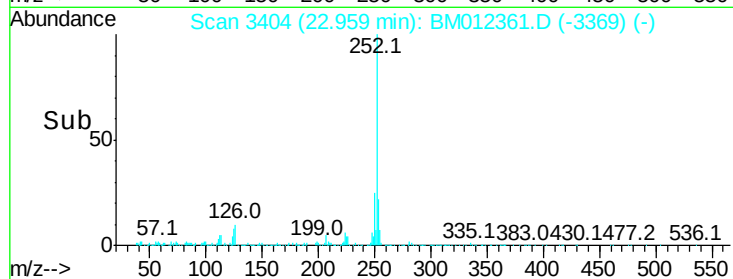
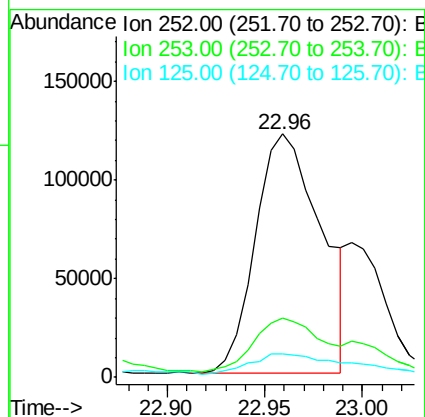
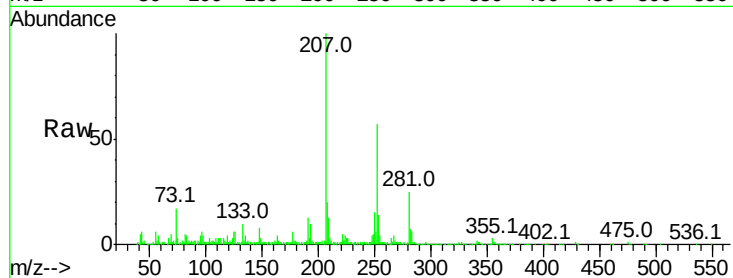




#85
Benzo(b)fluoranthene
Concen: 3.445 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012361.D
Acq: 21 Oct 2017 16:24

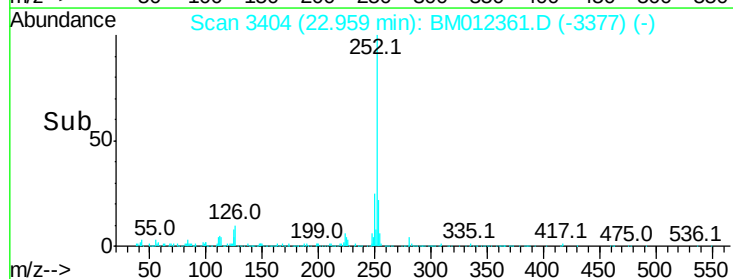
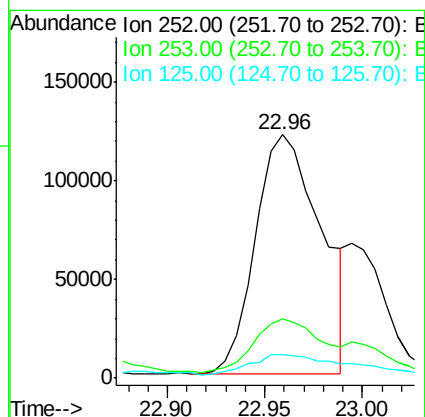
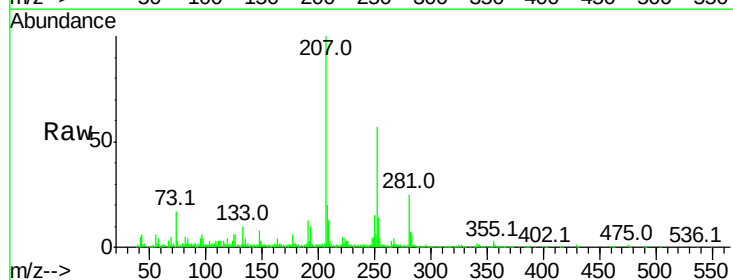
Instrument :
BNA_M
ClientSampleId :

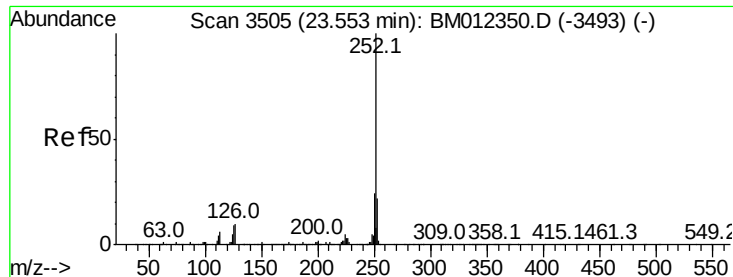
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	9.8	5.1	7.7#



#86
Benzo(k)fluoranthene
Concen: 3.575 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. -0.04 min
Lab File: BM012361.D
Acq: 21 Oct 2017 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	9.8	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 2.459 ng/ul

RT: 23.55 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BM012361.D

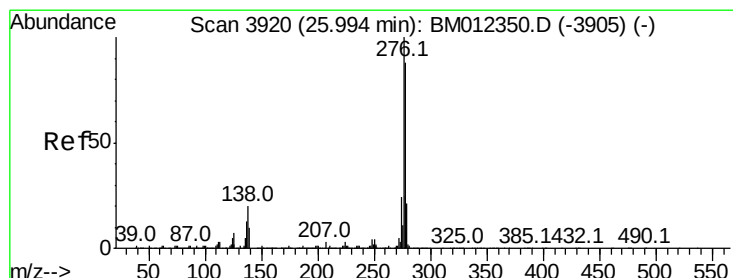
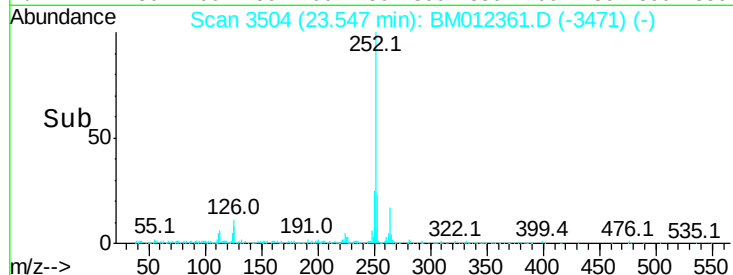
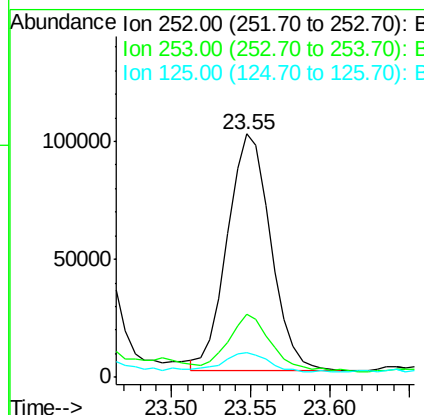
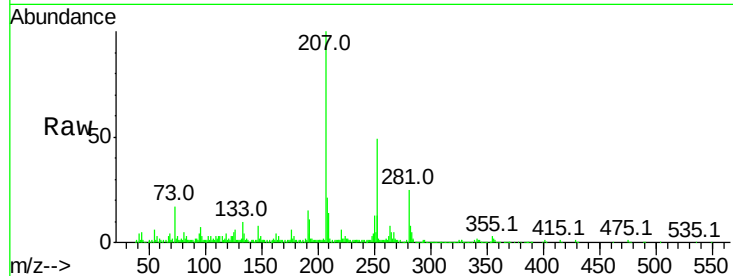
Acq: 21 Oct 2017 16:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	191055
Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	10.0	5.2	7.8#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.398 ng/ul

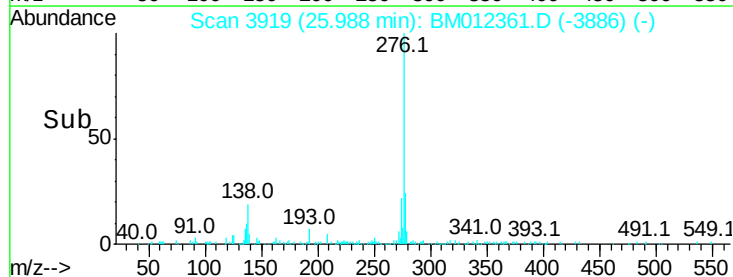
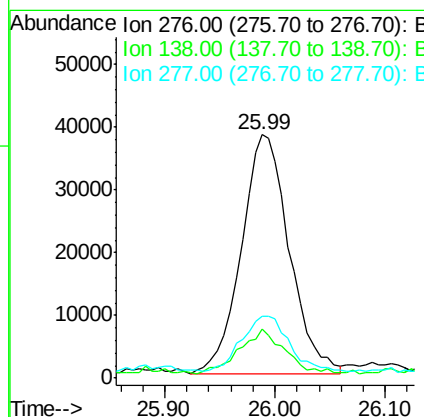
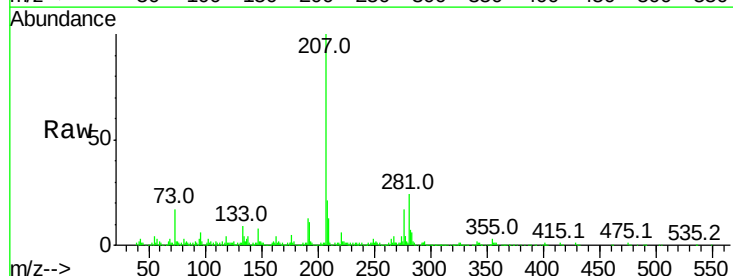
RT: 25.99 min Scan# 3919

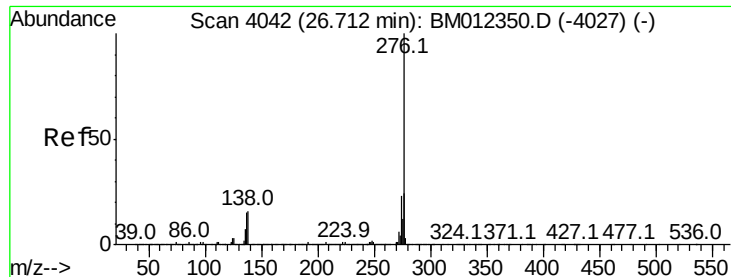
Delta R.T. -0.01 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

Tgt Ion:	276	Resp:	115394
Ion	Ratio	Lower	Upper
276	100		
138	20.3	13.2	19.8#
277	25.2	20.6	31.0





#91

Benzo(a,h,i)perylene

Concen: 1.368 ng/ul

RT: 26.71 min Scan# 4042

Delta R.T. -0.00 min

Lab File: BM012361.D

Acq: 21 Oct 2017 16:24

Instrument :

BNA_M

ClientSampleId :

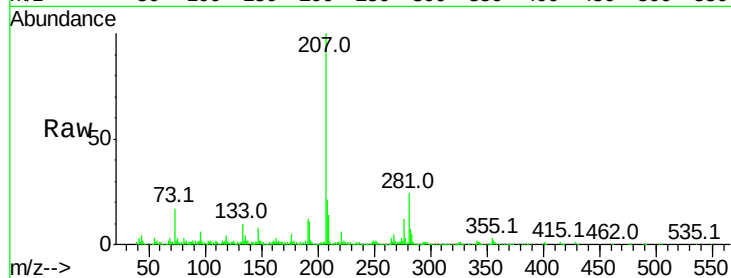
Tot Ion:276 Resp: 92472

Ion Ratio Lower Upper

276 100

138 18.8 10.7 16.1#

277 25.1 19.0 28.4



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

