

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070518\
 Data File : BN001974.D
 Acq On : 05 Jul 2018 19:06
 Operator : JU/SJ
 Sample : J3721-14DL 25X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H00DL

Quant Time: Jul 06 01:17:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	585895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2683914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1569087	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3237315	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2255523	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2072969	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1904	0.14	ng/uL	0.00
5) Phenol-d5	6.88	99	43138	0.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	31647	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	38355	0.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	36374	0.86	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	17873	0.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	17113	0.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	35165	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	21592	0.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	125949	0.95	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	154598	0.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	5722	0.23	ng/ul	0.01
57) Fluorene-d10	15.33	176	121742	1.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	5880	0.33	ng/ul	0.00
70) Anthracene-d10	17.18	188	172964	1.11	ng/ul	0.00
76) Pyrene-d10	19.48	212	162208	1.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	116986	1.04	ng/ul	0.00

Target Compounds

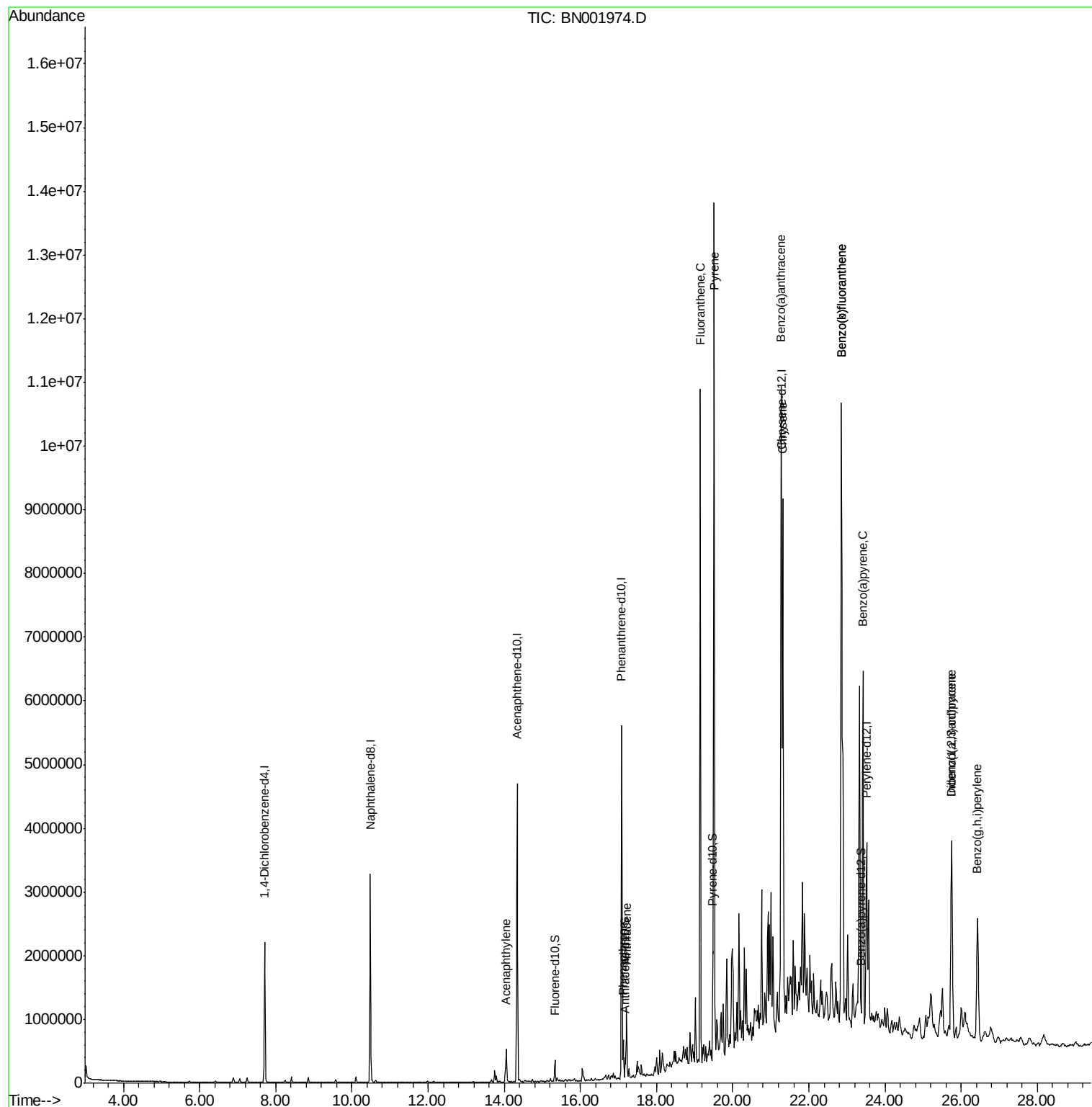
					Ovalue	
47) Acenaphthylene	14.06	152	383817	2.431	ng/ul	99
69) Phenanthrene	17.12	178	359755	1.973	ng/ul	98
71) Anthracene	17.22	178	672727	3.644	ng/ul	97
74) Fluoranthene	19.15	202	6025834	31.435	ng/ul#	88
77) Pyrene	19.51	202	8340677	59.091	ng/ul#	84
80) Benzo(a)anthracene	21.27	228	4447989	31.203	ng/ul	96
82) Chrysene	21.32	228	5099696	38.449	ng/ul	98
85) Benzo(b)fluoranthene	22.86	252	7730400	59.043	ng/ul#	94
86) Benzo(k)fluoranthene	22.86	252	7730400	60.888	ng/ul#	94
88) Benzo(a)pyrene	23.42	252	3790649	30.982	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.75	276	2816948	21.637	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.75	278	763466	7.046	ng/ul#	89
91) Benzo(g,h,i)perylene	26.43	276	2332211	21.716	ng/ul#	91

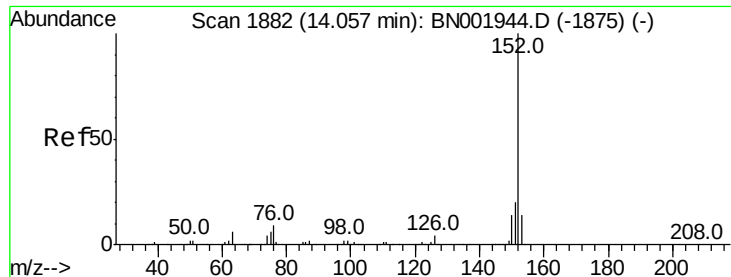
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 2.431 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001974.D

Acq: 05 Jul 2018 19:06

Instrument :

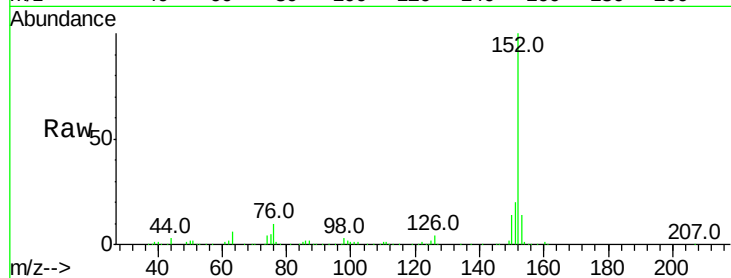
BNA_N

ClientSampleId :

F1H00DL

Tot Ion:152 Resp: 383817

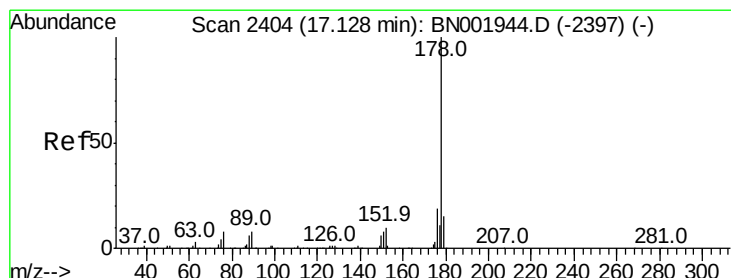
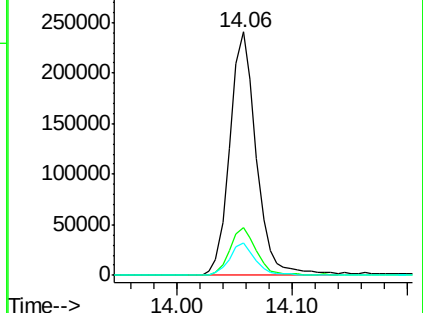
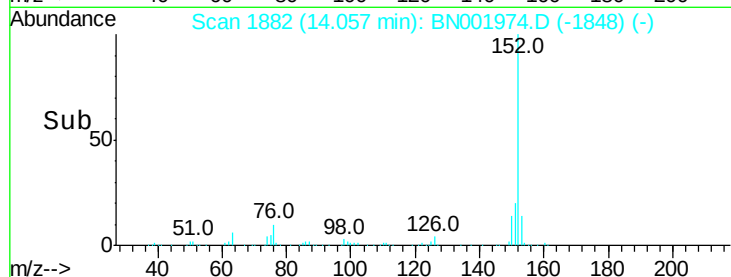
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.5	10.8	16.2



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



#69

Phenanthrene

Concen: 1.973 ng/ul

RT: 17.12 min Scan# 2403

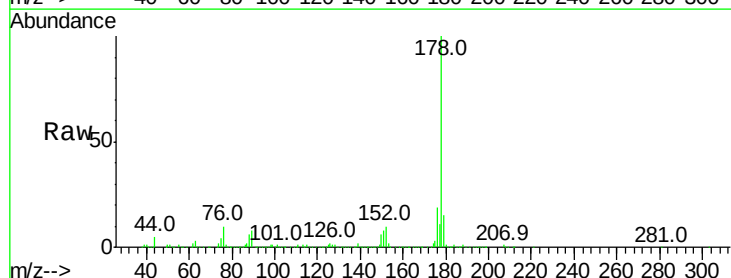
Delta R.T. -0.01 min

Lab File: BN001974.D

Acq: 05 Jul 2018 19:06

Tgt Ion:178 Resp: 359755

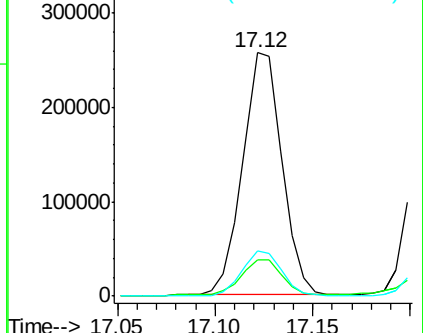
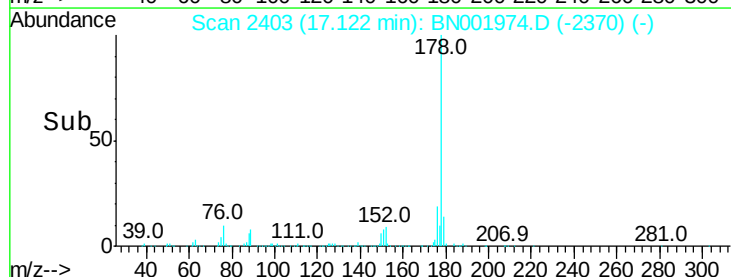
Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.6	15.4	23.0

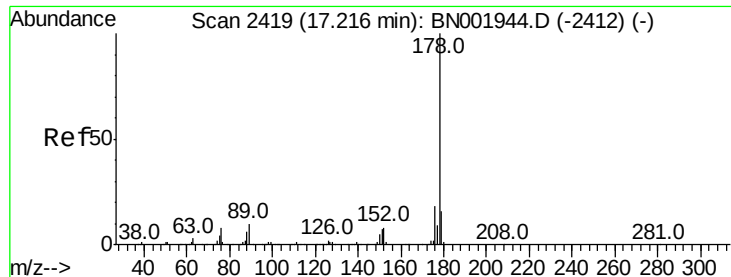


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

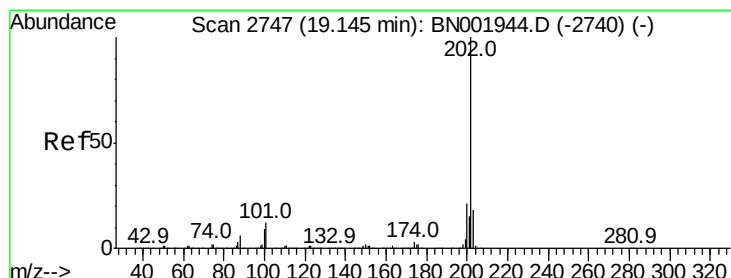
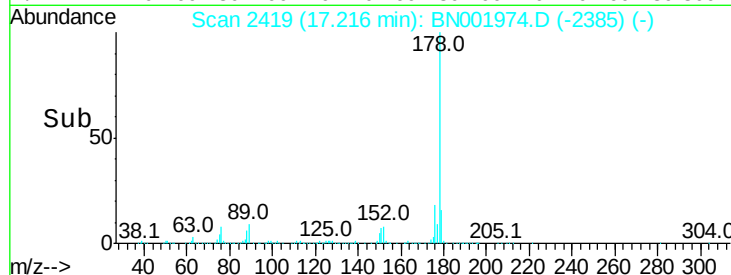
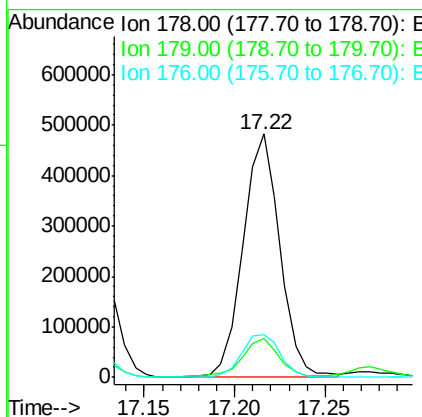
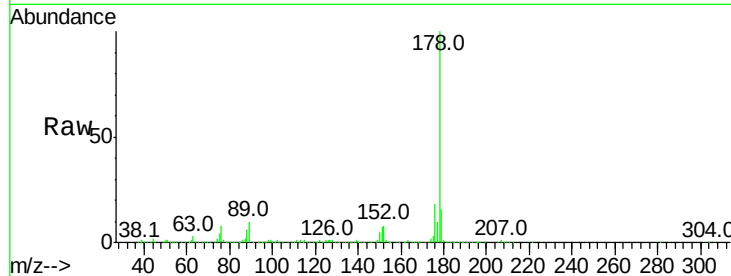




#71
 Anthracene
 Concen: 3.644 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BN001974.D
 Acq: 05 Jul 2018 19:06

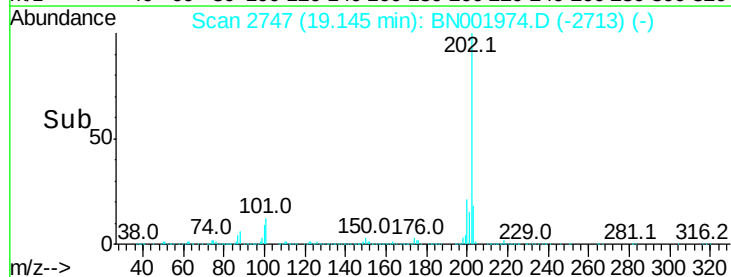
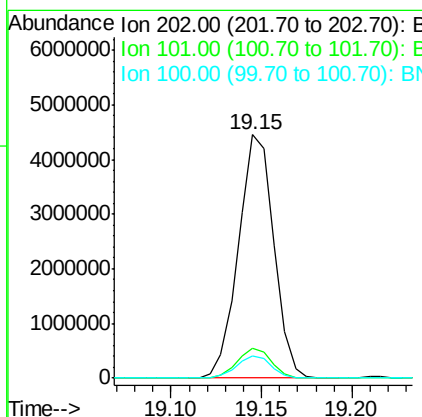
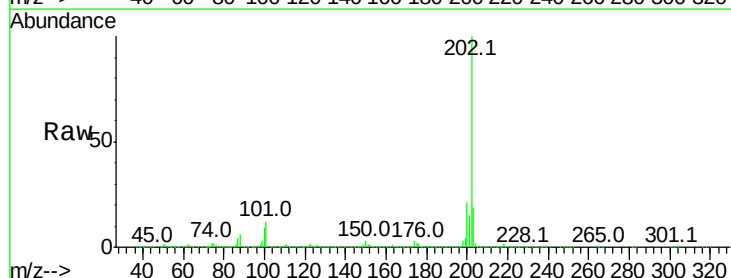
Instrument :
 BNA_N
 ClientSampleId :
 F1H00DL

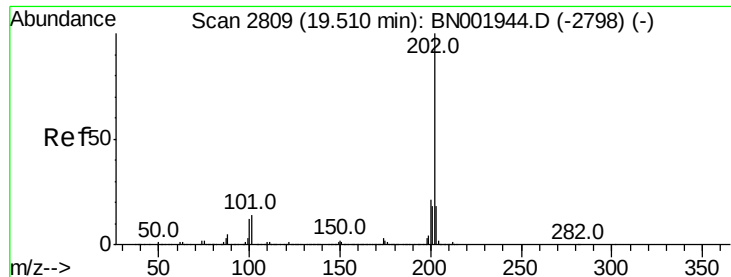
Tot Ion:178 Resp: 672727
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.4 20.2
 176 17.8 15.4 23.0



#74
 Fluoranthene
 Concen: 31.435 ng/ul
 RT: 19.15 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BN001974.D
 Acq: 05 Jul 2018 19:06

Tgt Ion:202 Resp: 6025834
 Ion Ratio Lower Upper
 202 100
 101 12.4 6.1 9.1#
 100 9.4 4.6 7.0#





#77

Pvrene

Concen: 59.091 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001974.D

Acq: 05 Jul 2018 19:06

Instrument :

BNA_N

ClientSampleId :

F1H00DL

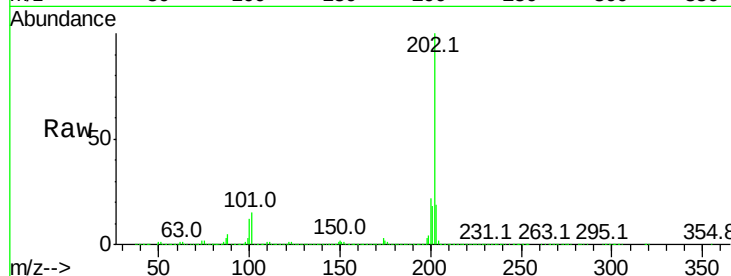
Tot Ion:202 Resp: 8340677

Ion Ratio Lower Upper

202 100

101 14.6 6.9 10.3#

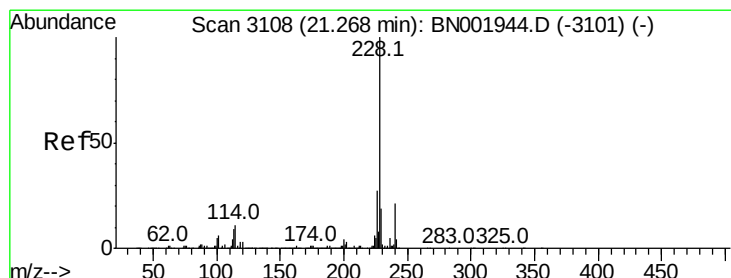
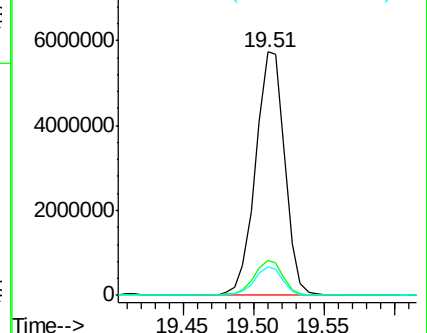
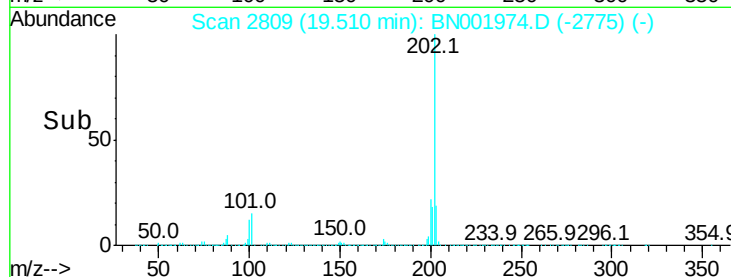
100 11.9 5.6 8.4#



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): E



#80

Benzo(a)anthracene

Concen: 31.203 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001974.D

Acq: 05 Jul 2018 19:06

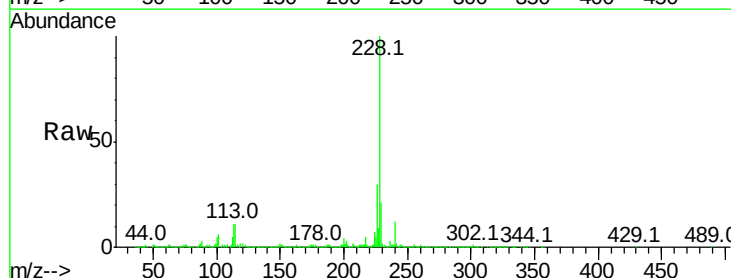
Tgt Ion:228 Resp: 4447989

Ion Ratio Lower Upper

228 100

229 21.1 16.0 24.0

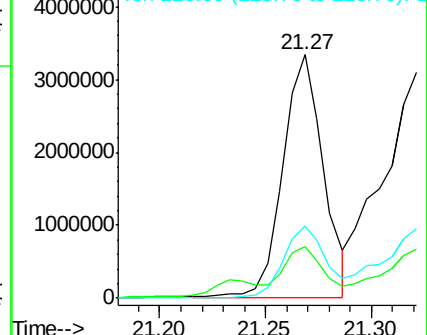
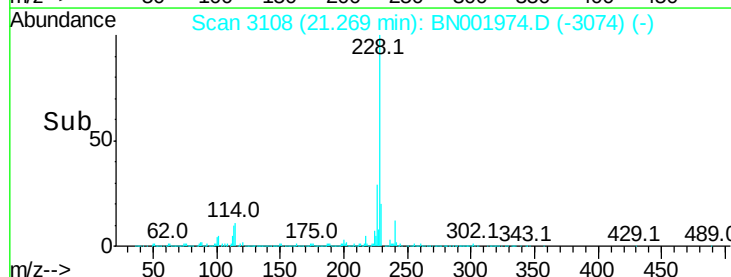
226 29.7 21.8 32.8

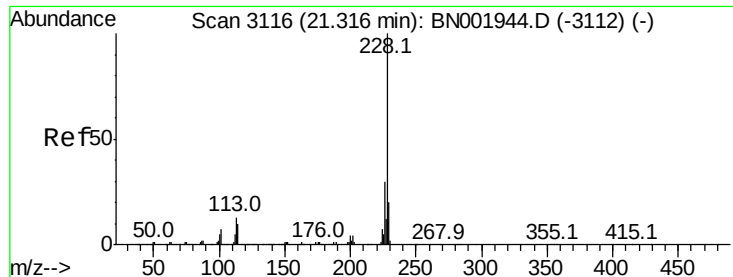


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 38.449 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001974.D

Acq: 05 Jul 2018 19:06

Instrument :

BNA_N

ClientSampleId :

F1H00DL

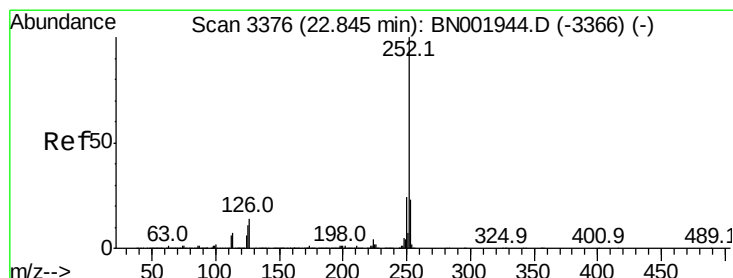
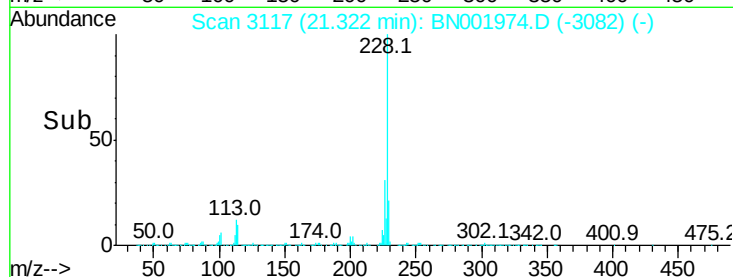
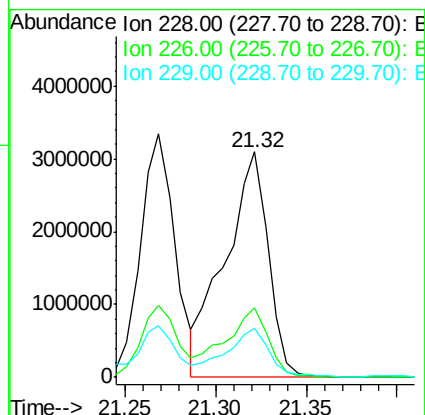
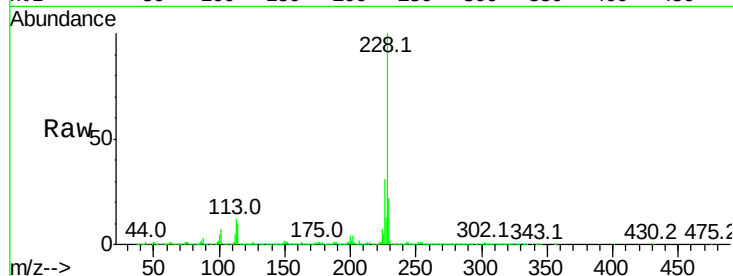
Tot Ion:228 Resp: 5099696

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 21.9 16.0 24.0



#85

Benzo(b)fluoranthene

Concen: 59.043 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BN001974.D

Acq: 05 Jul 2018 19:06

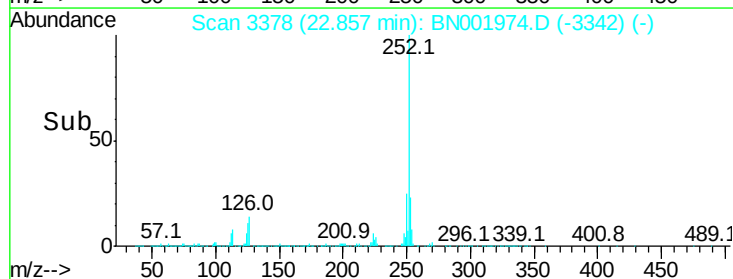
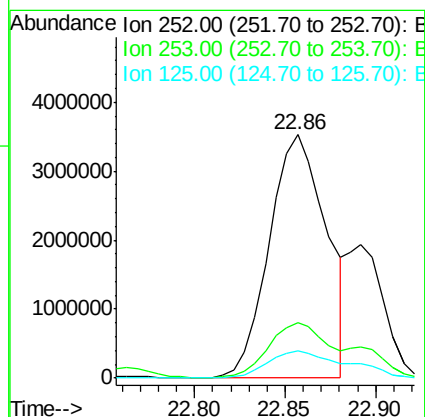
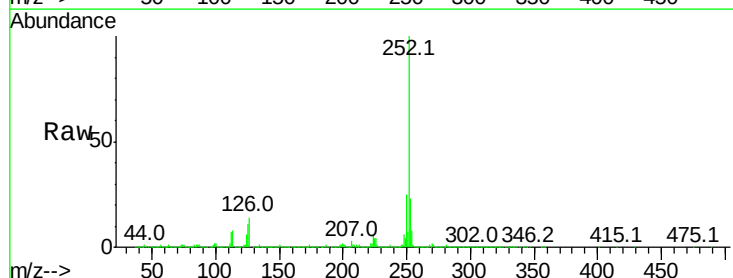
Tgt Ion:252 Resp: 7730400

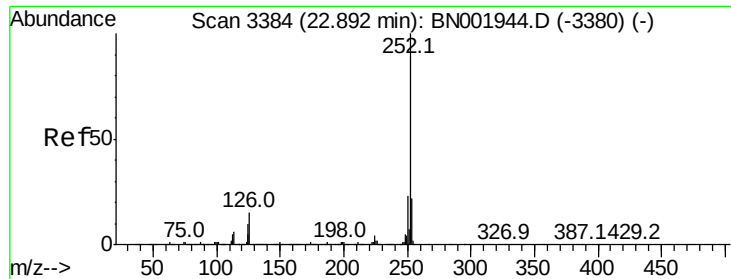
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 11.4 4.9 7.3#

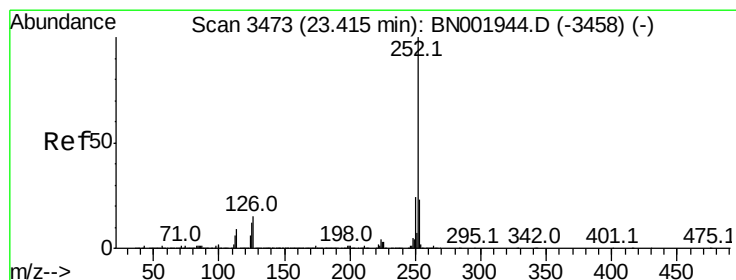
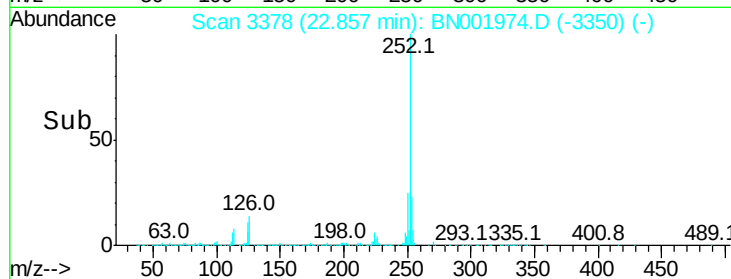
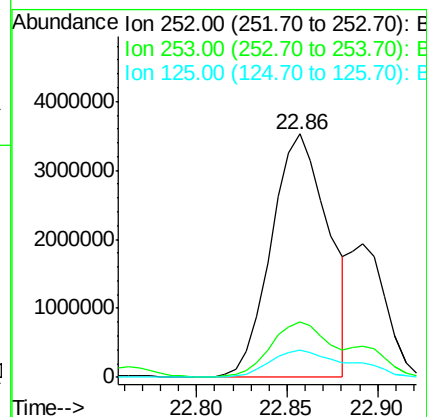
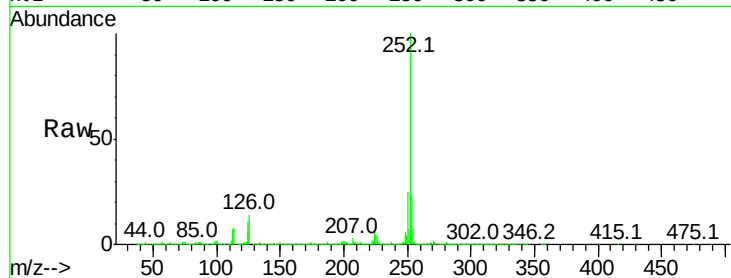




#86
Benzo(k)fluoranthene
Concen: 60.888 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BN001974.D
Acq: 05 Jul 2018 19:06

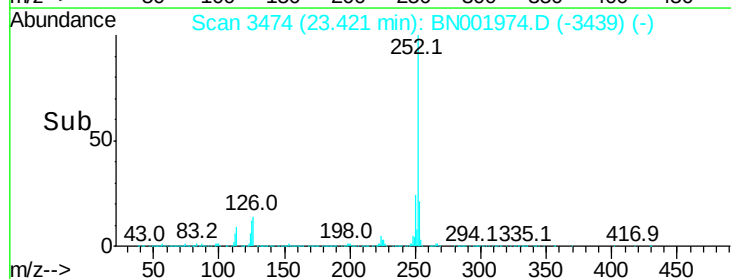
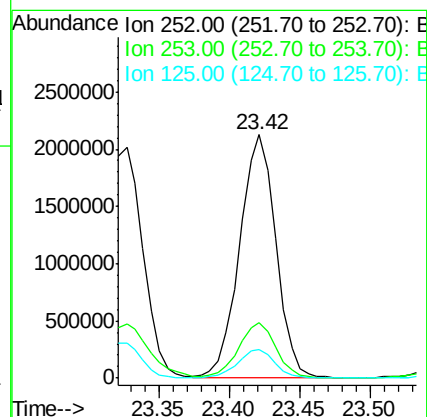
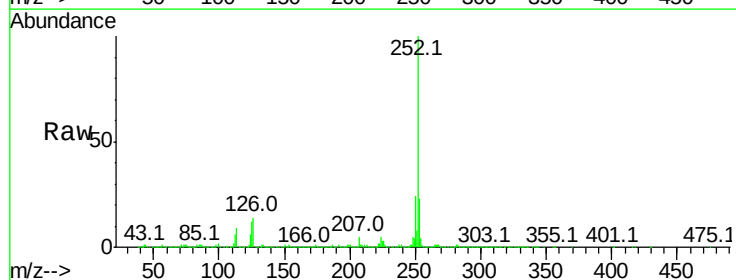
Instrument :
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F1H00DL

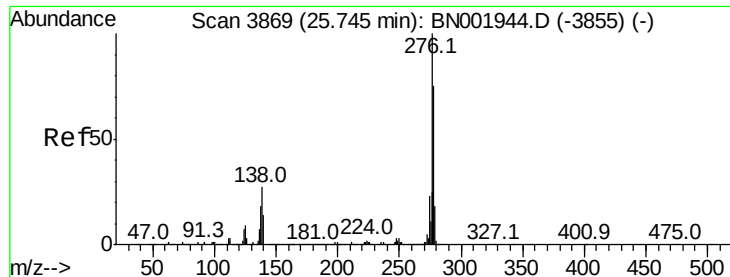
Tot Ion:252 Resp: 7730400
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 11.4 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 30.982 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BN001974.D
Acq: 05 Jul 2018 19:06

Tgt Ion:252 Resp: 3790649
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 11.8 5.8 8.6#



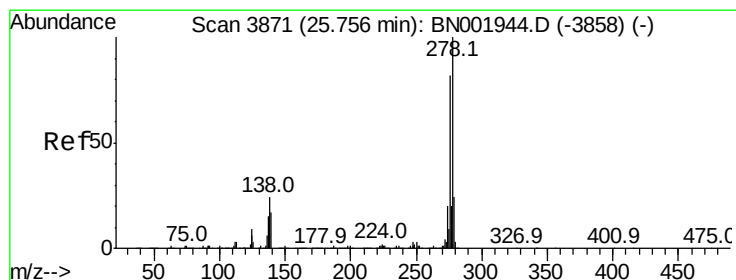
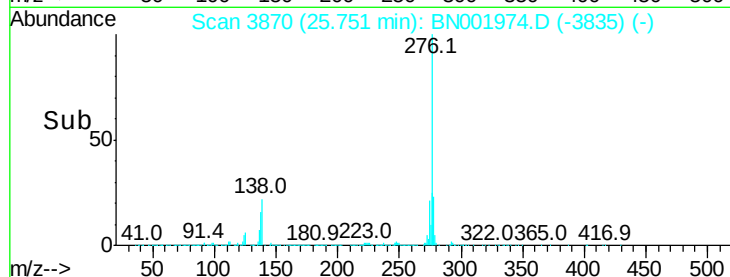
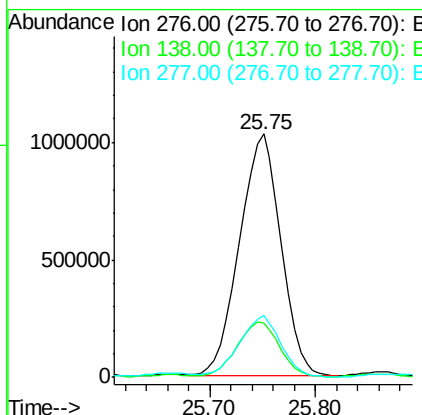
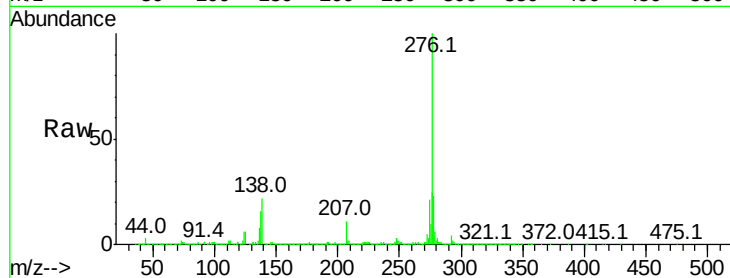


#89

Indeno(1,2,3-cd)pyrene
Concen: 21.637 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BN001974.D
Acq: 05 Jul 2018 19:06

Instrument :
BNA_N
ClientSampleId :
F1H00DL

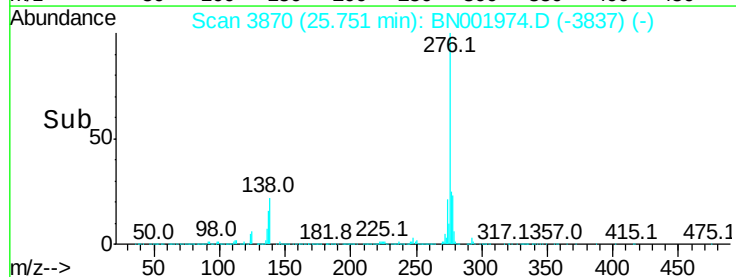
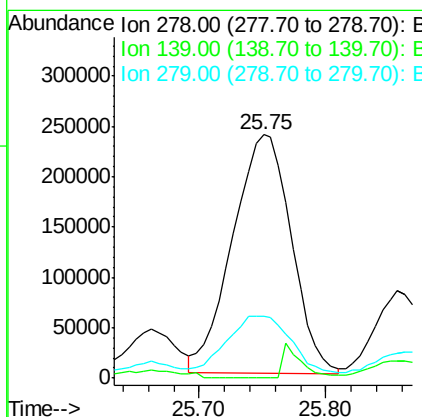
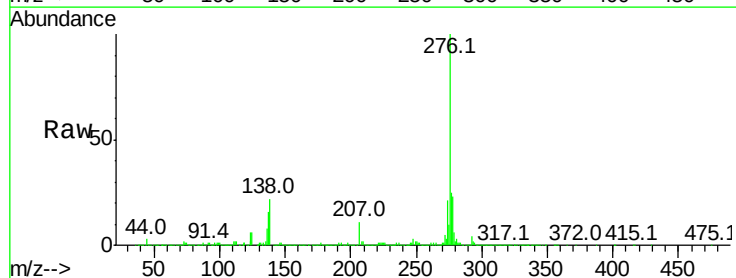
Tot Ion:276 Resp: 2816948
Ion Ratio Lower Upper
276 100
138 22.0 10.9 16.3#
277 25.3 18.9 28.3

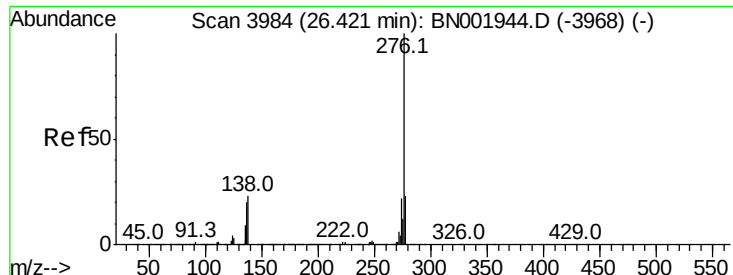


#90

Dibenzo(a,h)anthracene
Concen: 7.046 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001974.D
Acq: 05 Jul 2018 19:06

Tgt Ion:278 Resp: 763466
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 25.3 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 21.716 ng/ul

RT: 26.43 min Scan# 3985

Delta R.T. 0.01 min

Lab File: BN001974.D

Acq: 05 Jul 2018 19:06

Instrument :

BNA_N

ClientSampleId :

F1H00DL

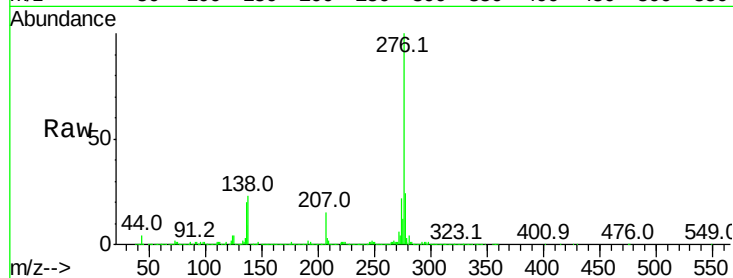
Tot Ion:276 Resp: 2332211

Ion Ratio Lower Upper

276 100

138 23.0 11.2 16.8#

277 24.4 19.0 28.6



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

