

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025438.D
 Acq On : 10 Mar 2020 06:18
 Operator : CG/JU
 Sample : L1612-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDL3

Manual Integrations
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mohammad
 3/11/2020 8:00:41 AM

Quant Time: Mar 10 11:50:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3314	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14268	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9958	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21839	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16080	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14689	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8242	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	20786	0.35	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1773	0.044	ng/ul#	91
12) Phenanthrene	17.08	178	2077m	0.030	ng/ul	
13) Anthracene	17.16	178	6879	0.114	ng/ul	97
15) Fluoranthene	19.09	202	14937	0.199	ng/ul	97
17) Pyrene	19.45	202	24552	0.340	ng/ul	98
18) Benzo(a)anthracene	21.20	228	10114	0.176	ng/ul	96
19) Chrysene	21.26	228	8508	0.132	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	28772m	0.495	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	10149m	0.167	ng/ul	
23) Benzo(a)pyrene	23.31	252	8688	0.180	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.58	276	6853	0.105	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.58	278	1921	0.035	ng/ul#	57
26) Benzo(g,h,i)perylene	26.24	276	3937	0.069	ng/ul#	90

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

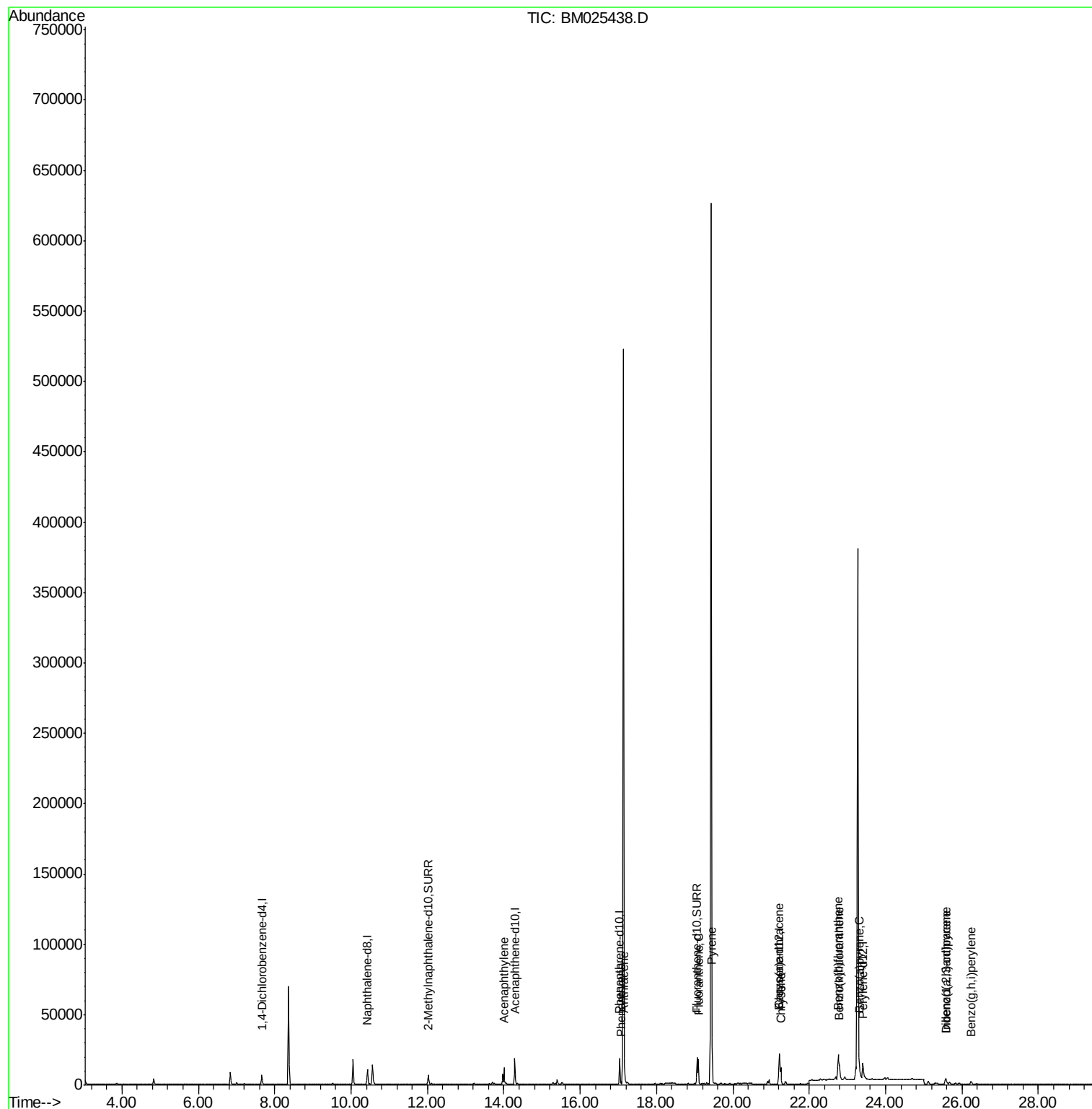
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025438.D
Acq On : 10 Mar 2020 06:18
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

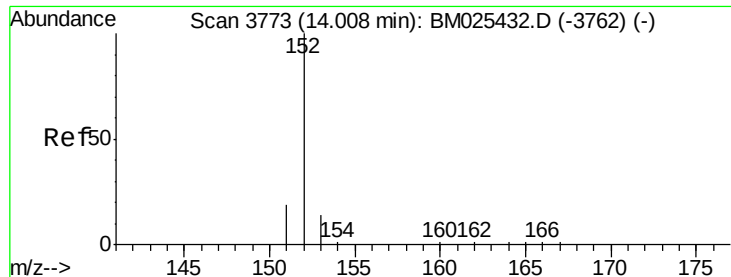
Instrument :
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DBDL3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.044 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025438.D

Acq: 10 Mar 2020 06:18

Instrument :

BNA_M

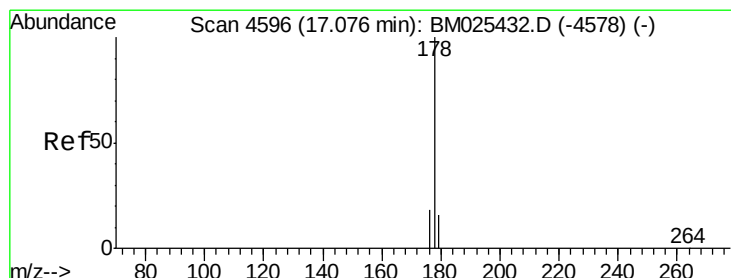
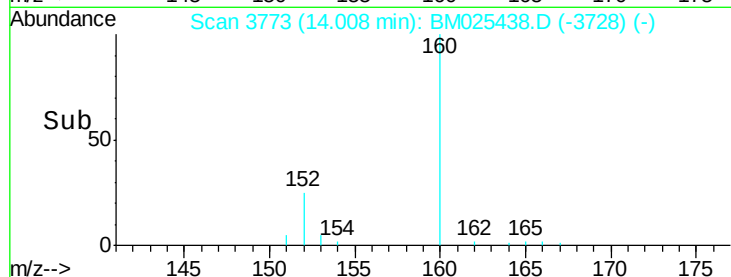
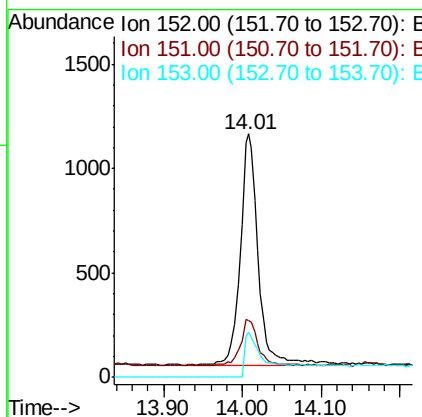
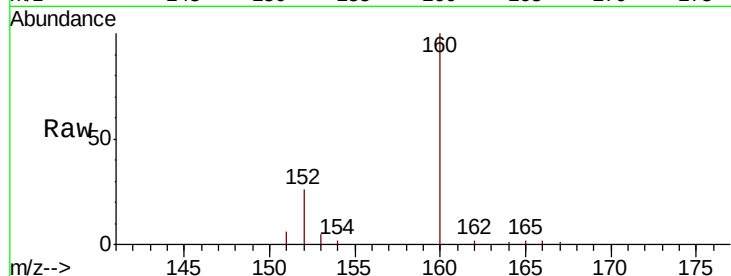
ClientSampleId :

DBDL3

Tot Ion:	152	Resp:	1773
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.2	24.2
153	18.4	10.6	16.0#

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#12

Phenanthrene

Concen: 0.030 ng/ul m

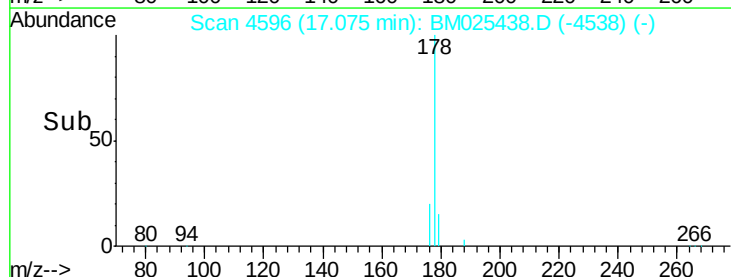
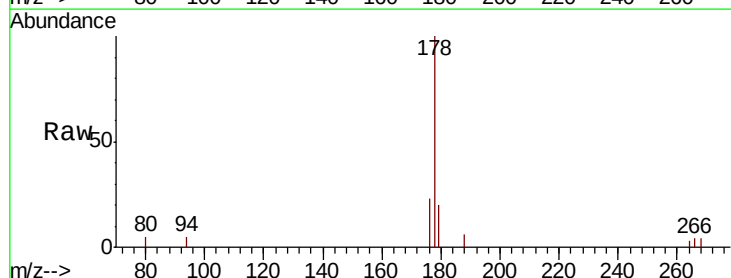
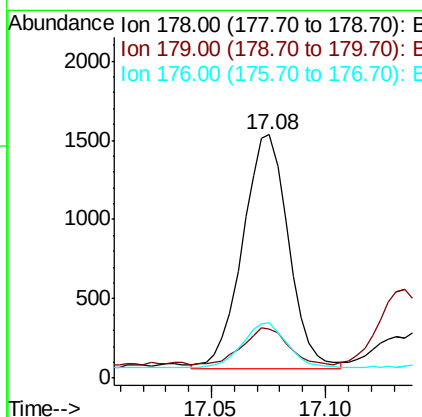
RT: 17.08 min Scan# 4596

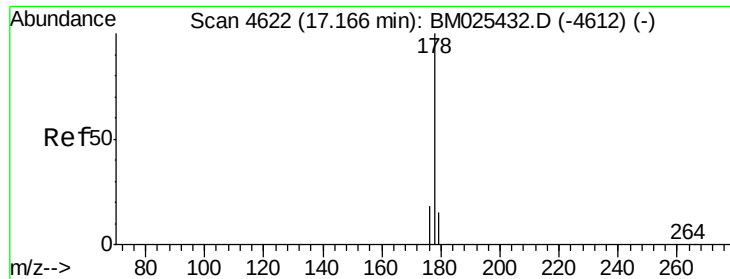
Delta R.T. -0.00 min

Lab File: BM025438.D

Acq: 10 Mar 2020 06:18

Tgt Ion:	178	Resp:	2077
Ion Ratio	Lower	Upper	
178	100		
179	19.9	12.4	18.6#
176	22.9	14.8	22.2#





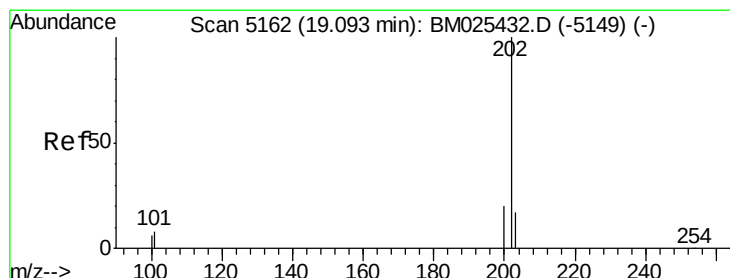
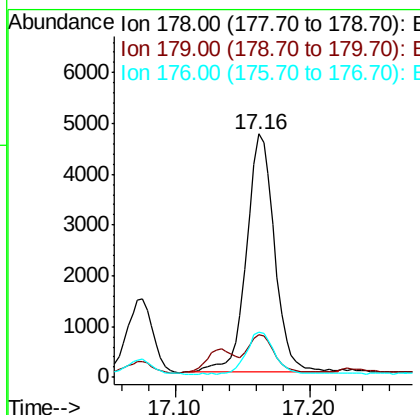
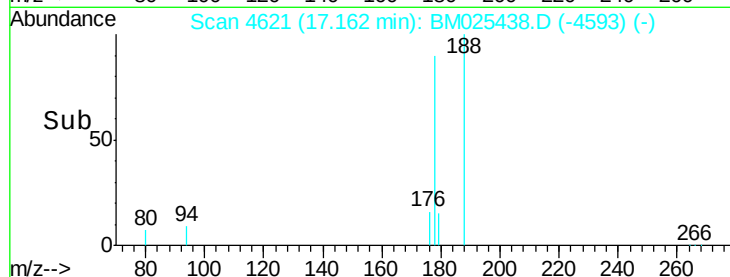
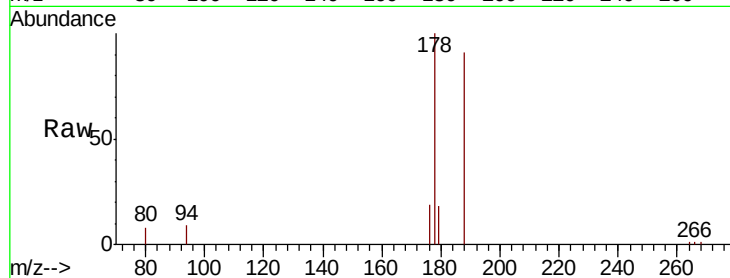
#13
 Anthracene
 Concen: 0.114 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025438.D
 Acq: 10 Mar 2020 06:18

Instrument :
 BNA_M
 ClientSampleId :
 DBDL3

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	18.8
176	18.7	14.5	21.7

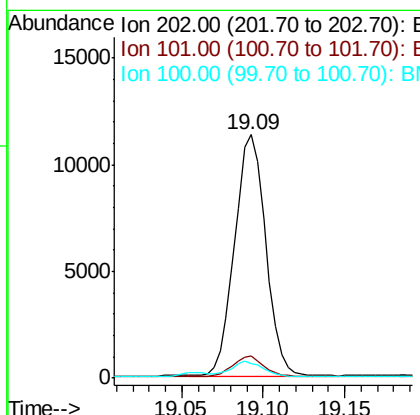
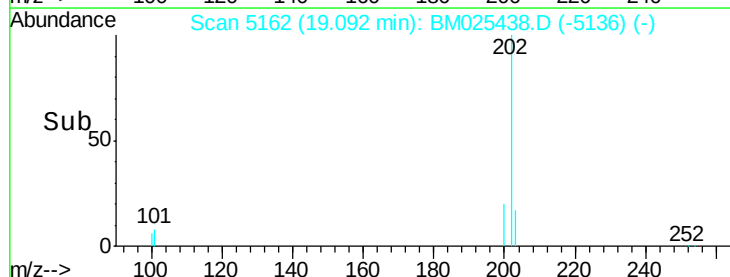
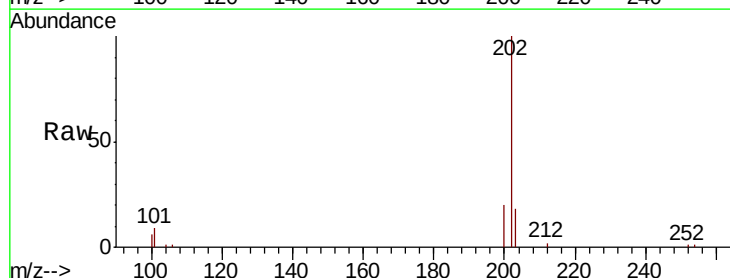
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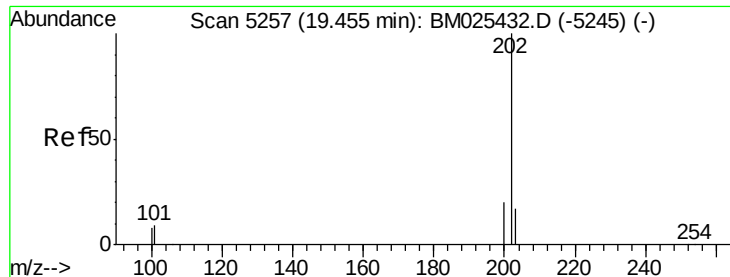
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#15
 Fluoranthene
 Concen: 0.199 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.00 min
 Lab File: BM025438.D
 Acq: 10 Mar 2020 06:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	27.5
100	6.2	0.0	26.0





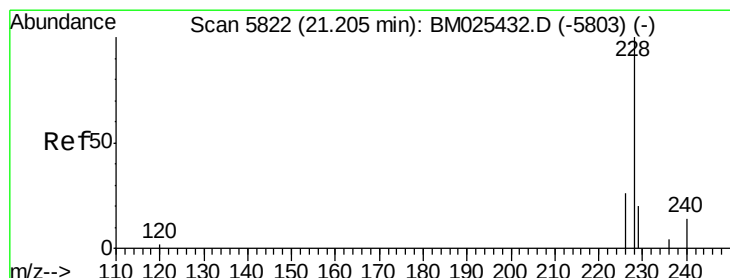
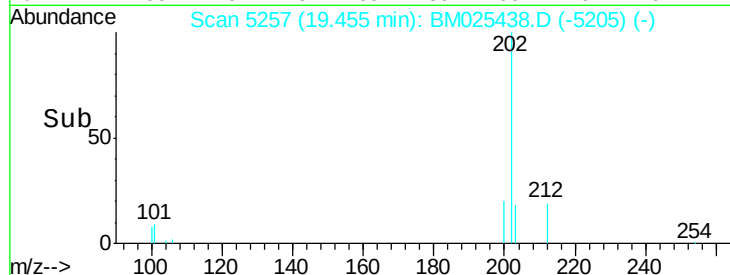
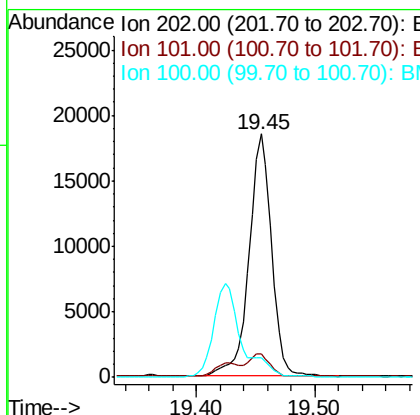
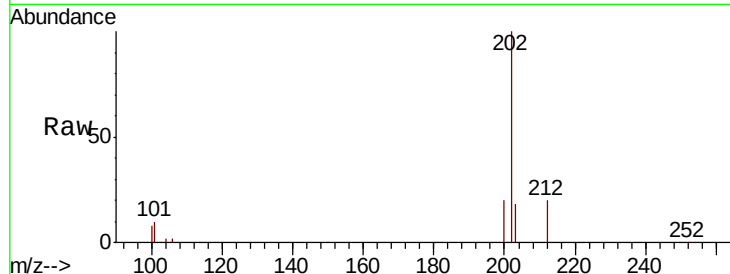
#17
Pvrene
Concen: 0.340 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025438.D
Acq: 10 Mar 2020 06:18

Instrument :
BNA_M
ClientSampleId :
DBDL3

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	7.1	10.7
100	8.0	6.0	9.0

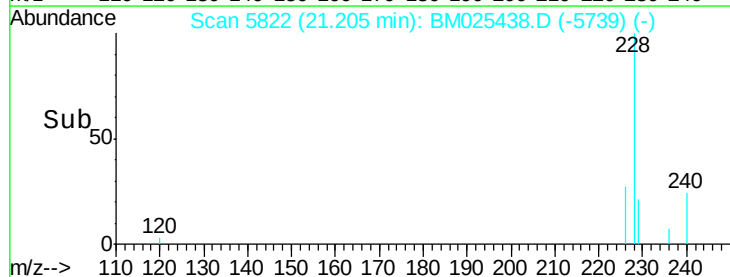
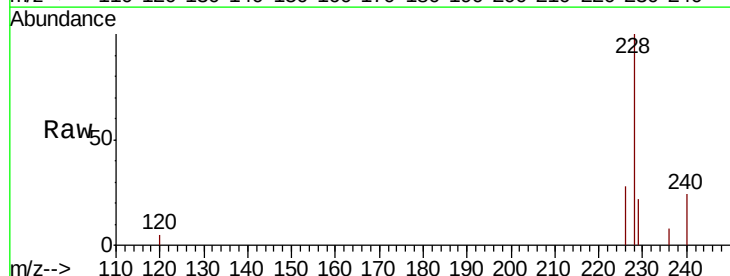
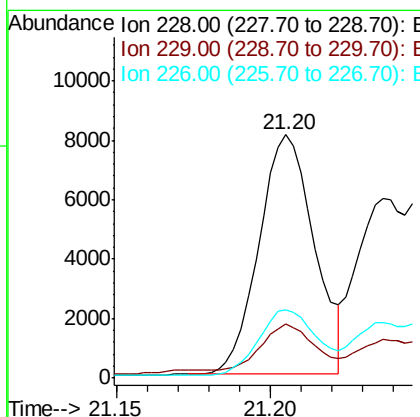
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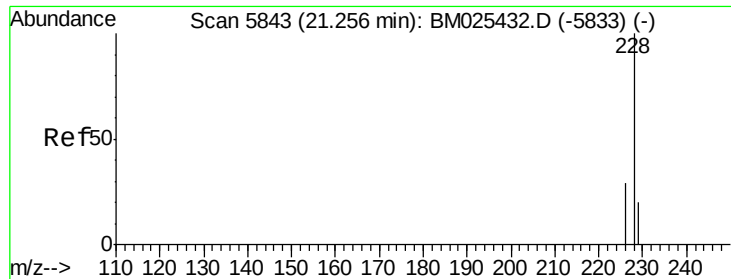
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#18
Benzo(a)anthracene
Concen: 0.176 ng/ul
RT: 21.20 min Scan# 5822
Delta R.T. -0.00 min
Lab File: BM025438.D
Acq: 10 Mar 2020 06:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.0	15.6	23.4
226	27.8	21.1	31.7





#19

Chrysene

Concen: 0.132 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.00 min

Lab File: BM025438.D

Acq: 10 Mar 2020 06:18

Instrument :

BNA_M

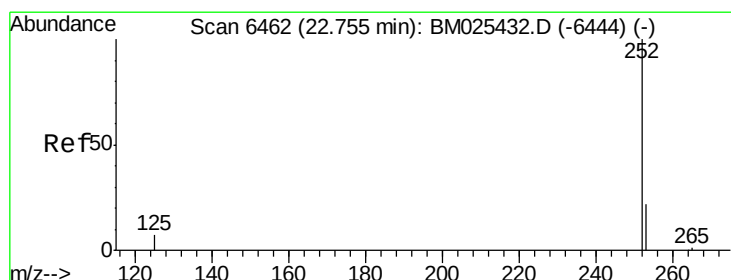
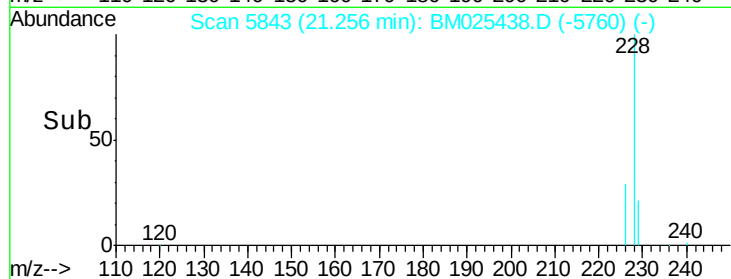
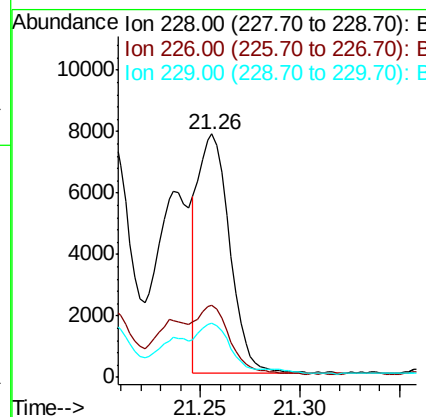
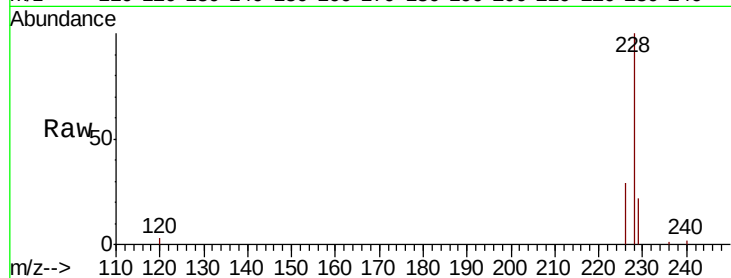
ClientSampled :

DBDL3

Tot Ion:	228	Resp:	8508
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	22.3	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.495 ng/ul m

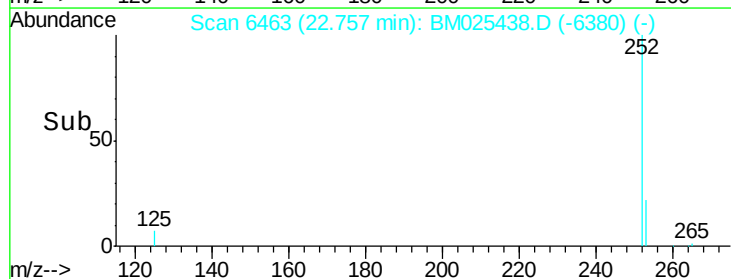
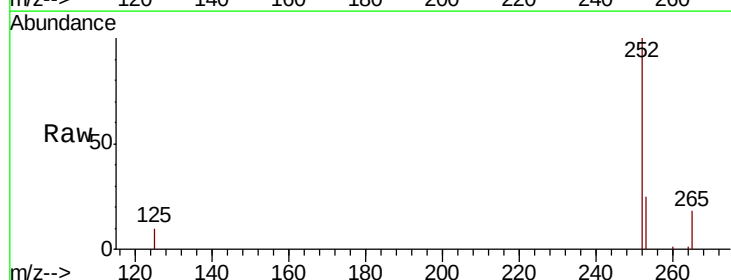
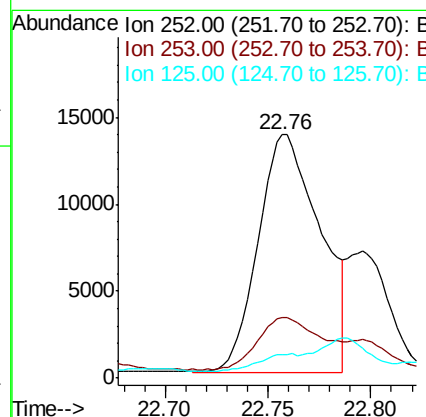
RT: 22.76 min Scan# 6463

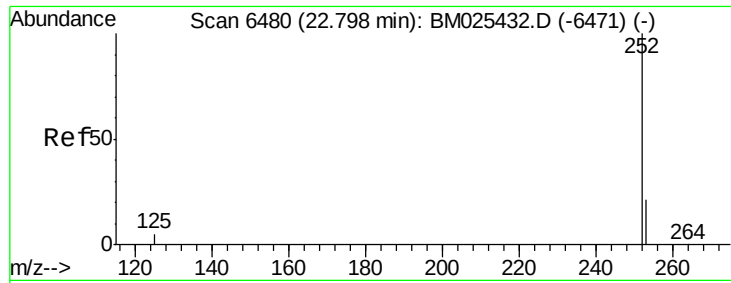
Delta R.T. 0.00 min

Lab File: BM025438.D

Acq: 10 Mar 2020 06:18

Tgt Ion:	252	Resp:	28772
Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	50.2
125	9.6	0.0	17.6





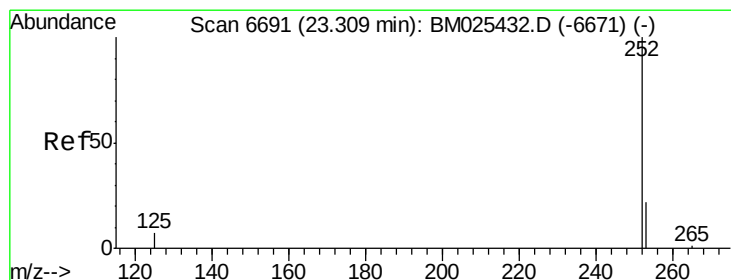
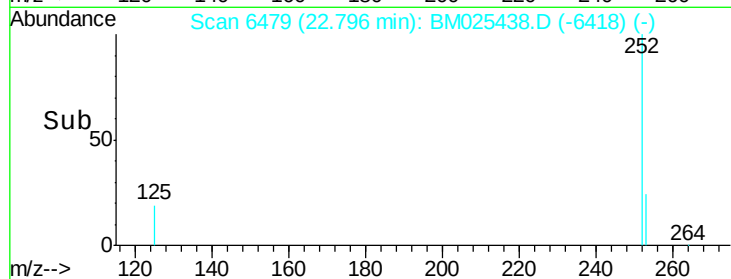
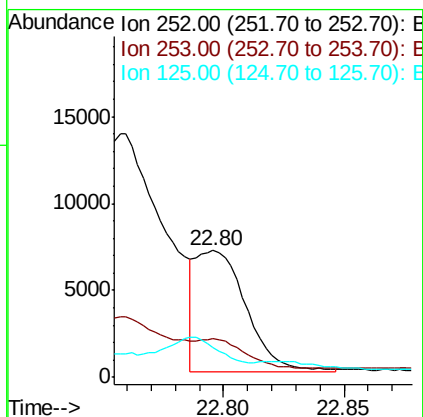
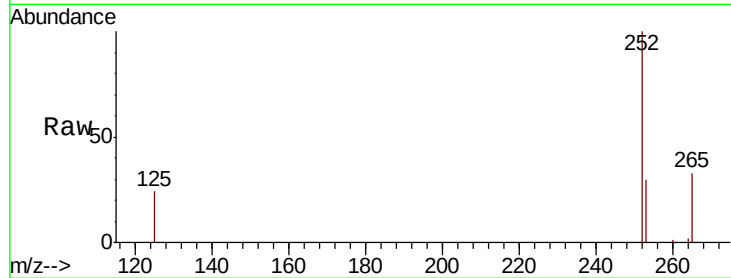
#22
Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025438.D
Acq: 10 Mar 2020 06:18

Instrument :
BNA_M
ClientSampleId :
DBDL3

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	19.8	29.8#
125	24.0	7.1	10.7#

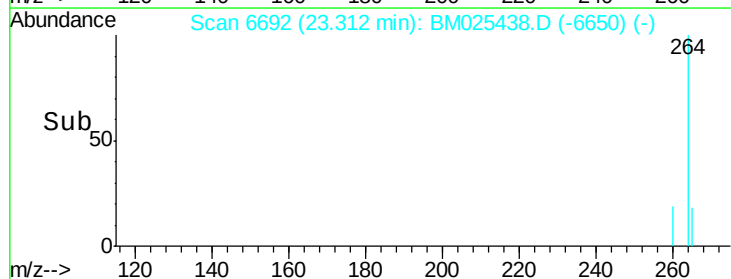
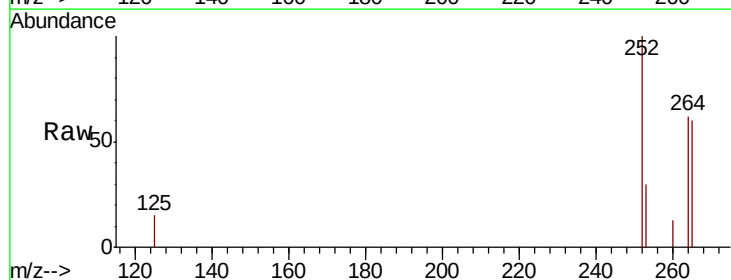
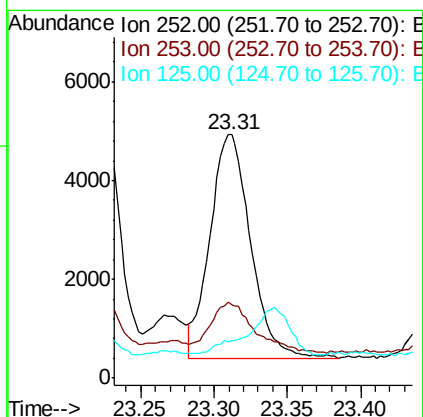
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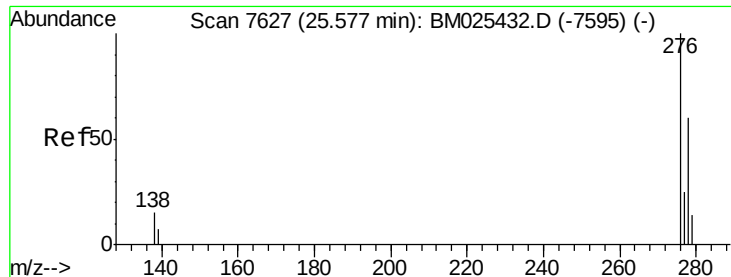
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#23
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.31 min Scan# 6692
Delta R.T. 0.00 min
Lab File: BM025438.D
Acq: 10 Mar 2020 06:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	21.3	31.9
125	15.4	8.5	12.7#





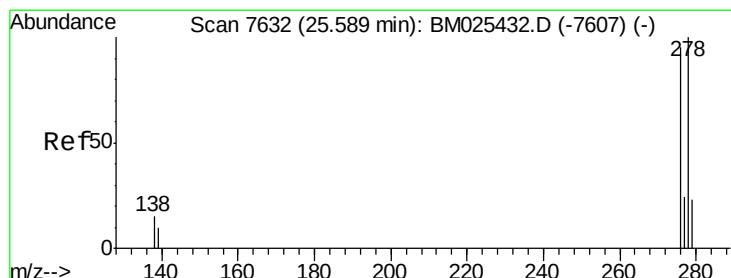
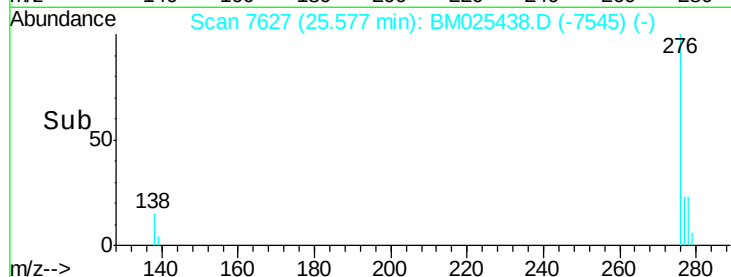
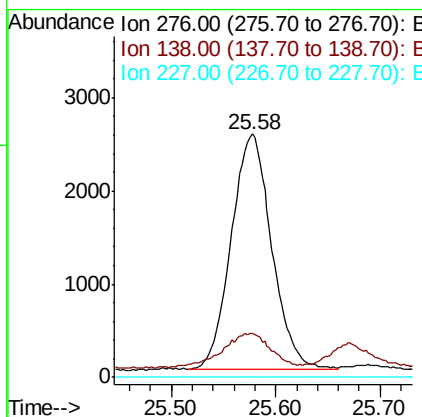
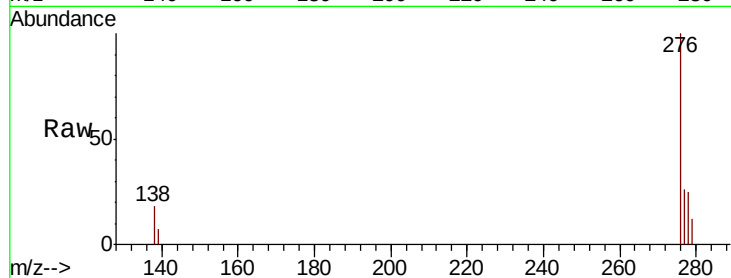
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. -0.00 min
Lab File: BM025438.D
Acq: 10 Mar 2020 06:18

Instrument :
BNA_M
ClientSampleId :
DBDL3

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.3	18.5
227	0.0	0.0	0.0

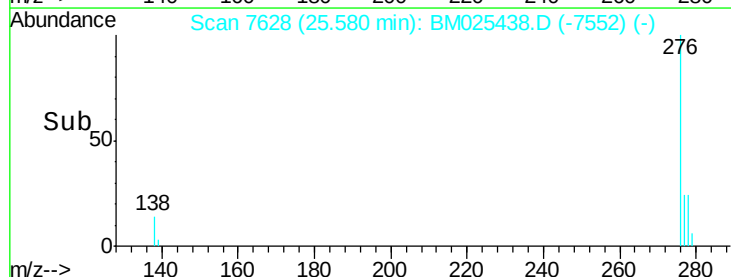
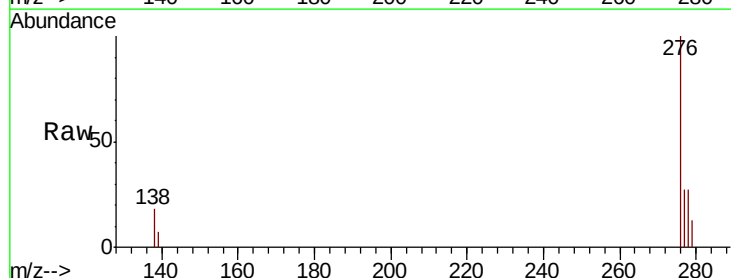
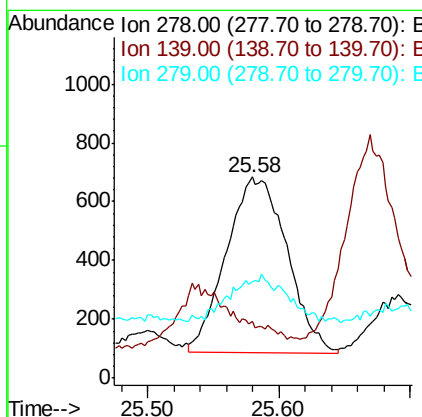
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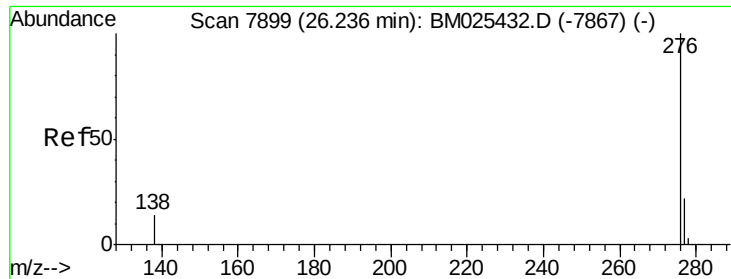
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#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025438.D
Acq: 10 Mar 2020 06:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.0	9.0	13.6#
279	48.0	21.1	31.7#





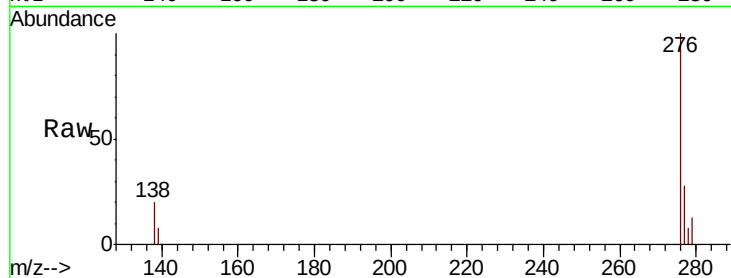
#26
 Benzo(a,h,i)perylene
 Concen: 0.069 ng/ul
 RT: 26.24 min Scan# 7899
 Delta R.T. -0.00 min
 Lab File: BM025438.D
 Acq: 10 Mar 2020 06:18

Instrument :
 BNA_M
 ClientSampleId :
 DBDL3

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	11.0	16.4#
277	28.3	19.8	29.6

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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

