

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025418.D
 Acq On : 09 Mar 2020 17:36
 Operator : CG/JU
 Sample : L1612-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDK7

Manual Integrations
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 3/10/2020 7:58:59 AM

Quant Time: Mar 09 18:10:12 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	3048	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12721	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9019	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19956	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14296	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	13504	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5093	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	11903	0.22	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	2743	0.074	ng/ul#	96
12) Phenanthrene	17.07	178	4118	0.065	ng/ul	96
13) Anthracene	17.17	178	10025	0.182	ng/ul	99
15) Fluoranthene	19.09	202	30207	0.441	ng/ul	99
17) Pyrene	19.46	202	52258	0.814	ng/ul	99
18) Benzo(a)anthracene	21.20	228	20536	0.402	ng/ul	98
19) Chrysene	21.26	228	17720	0.309	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	53033m	0.992	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	21352m	0.381	ng/ul	
23) Benzo(a)pyrene	23.31	252	19696	0.444	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.58	276	13328	0.221	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3895	0.077	ng/ul#	82
26) Benzo(g,h,i)perylene	26.24	276	7554	0.145	ng/ul#	95

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

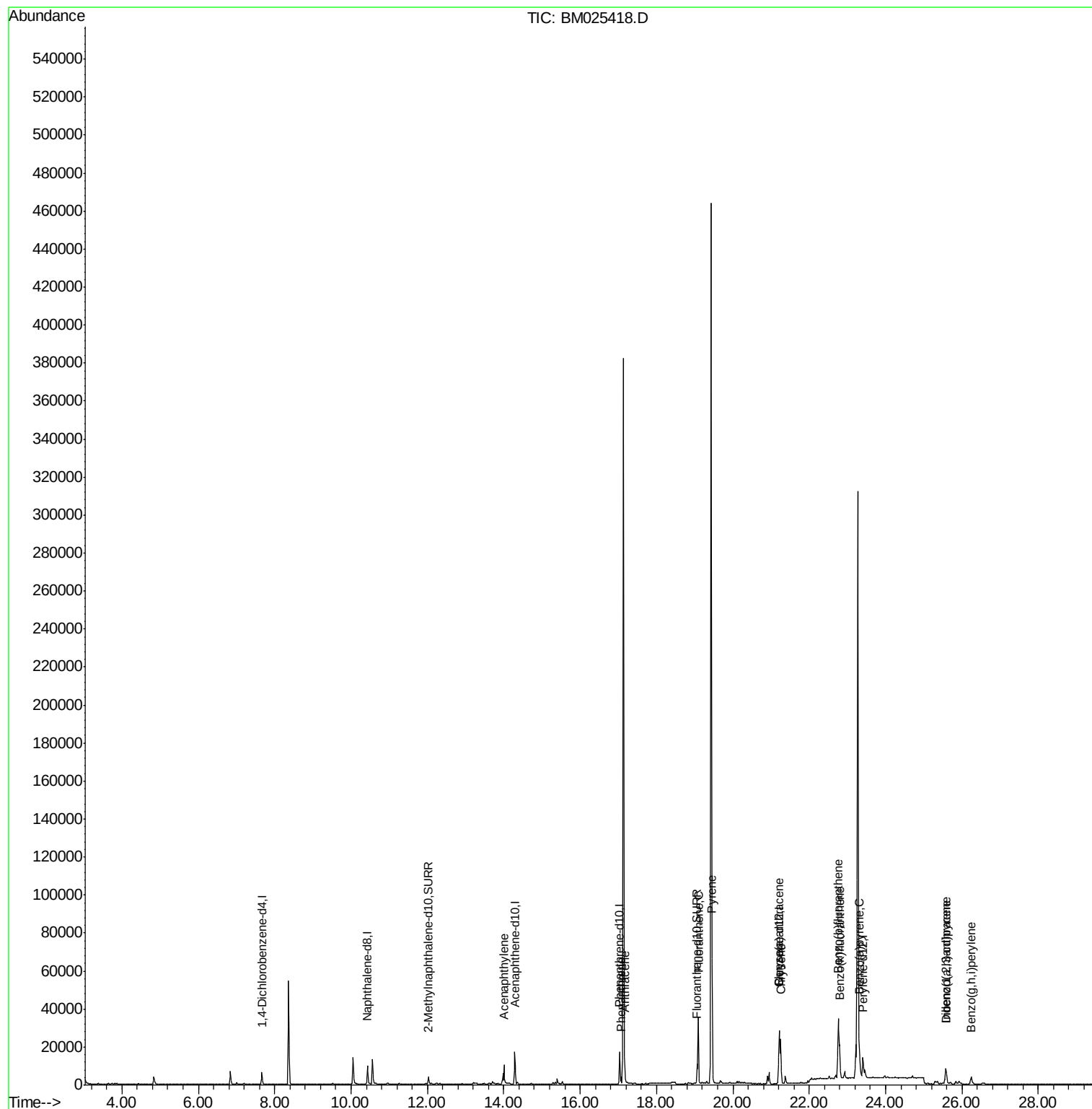
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025418.D
Acq On : 09 Mar 2020 17:36
Operator : CG/JU
Sample : L1612-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

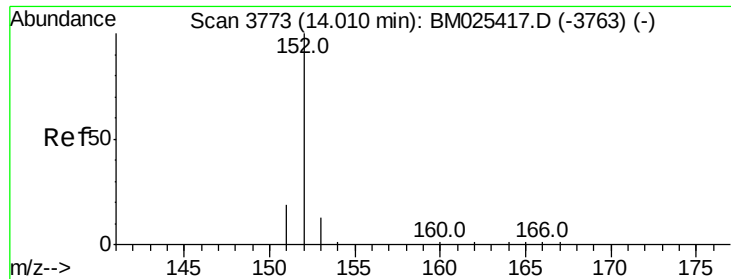
Instrument :
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DBDK7

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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





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. 0.00 min

Lab File: BM025418.D

Acq: 09 Mar 2020 17:36

Instrument :

BNA_M

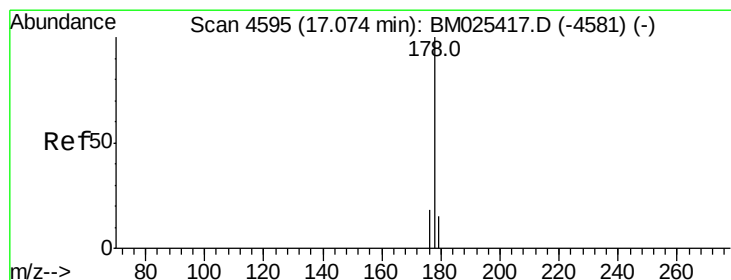
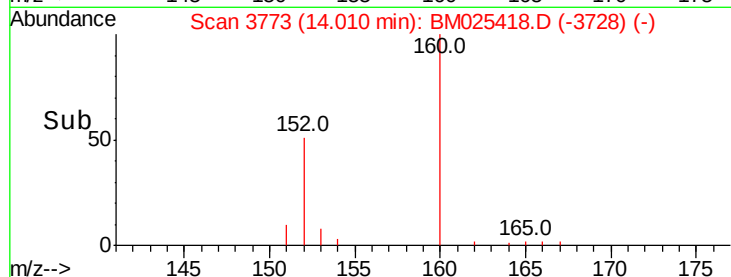
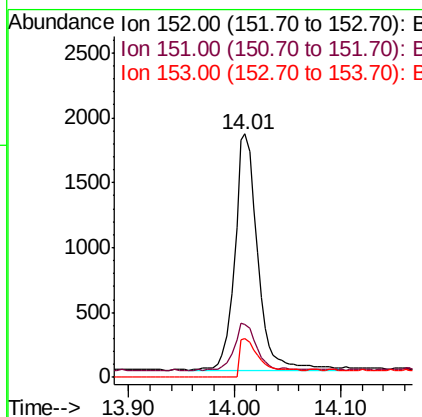
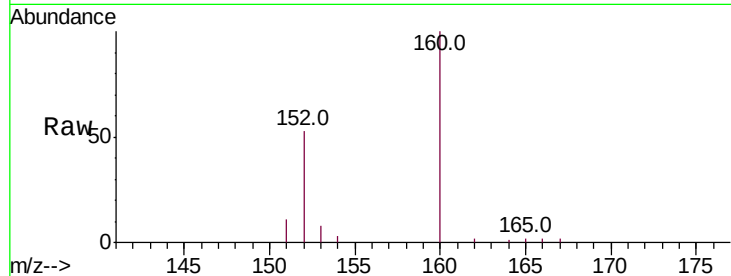
ClientSampleId :

DBDK7

Tot Ion:	152	Resp:	2743
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.2	24.2
153	16.0	10.6	16.0#

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#12

Phenanthrene

Concen: 0.065 ng/ul

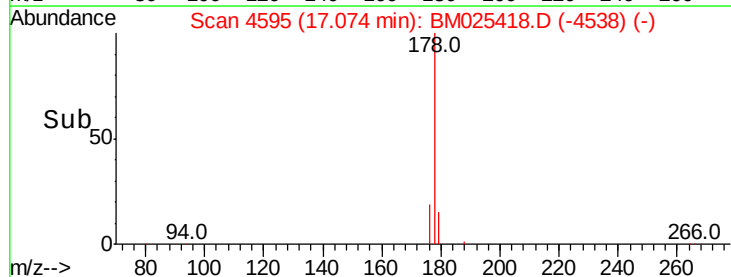
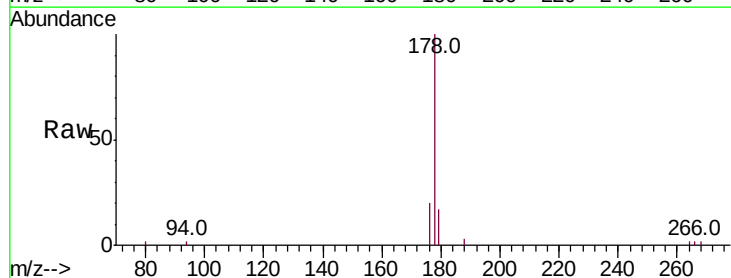
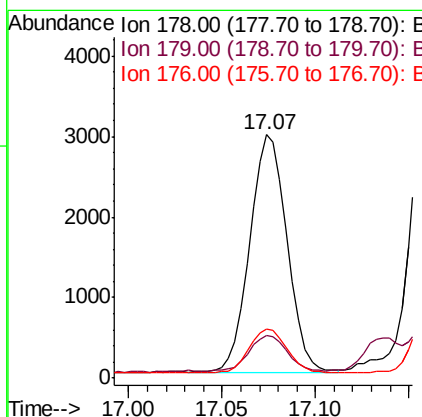
RT: 17.07 min Scan# 4595

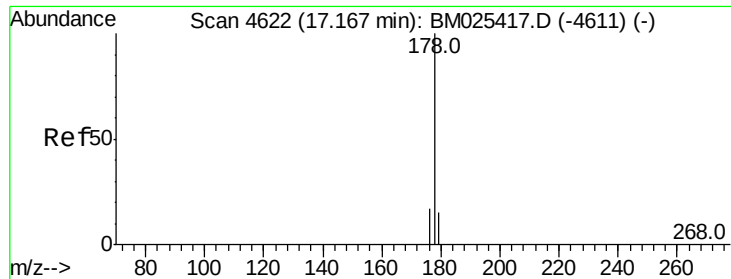
Delta R.T. -0.00 min

Lab File: BM025418.D

Acq: 09 Mar 2020 17:36

Tgt Ion:	178	Resp:	4118
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.4	18.6
176	20.3	14.8	22.2





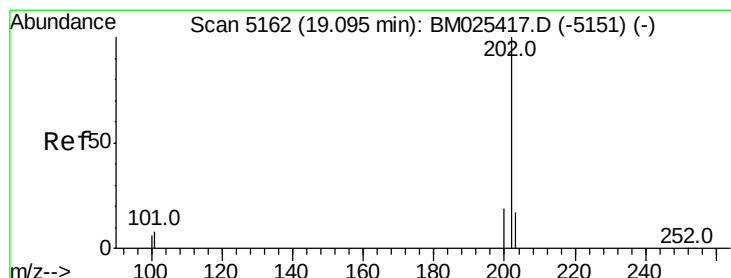
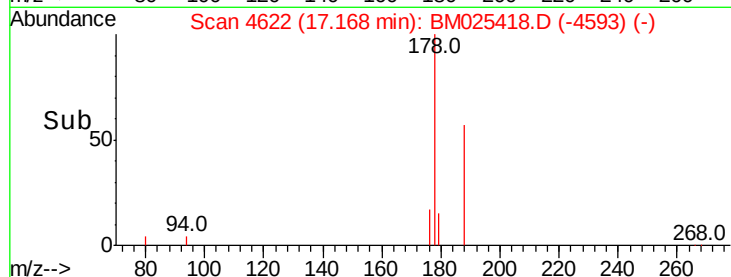
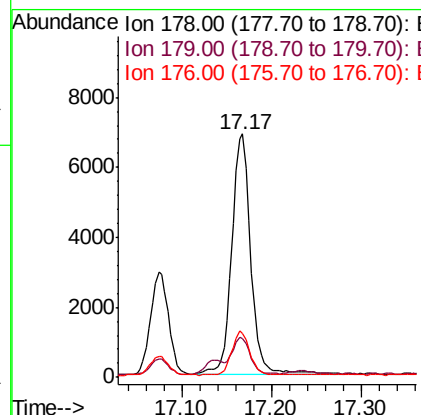
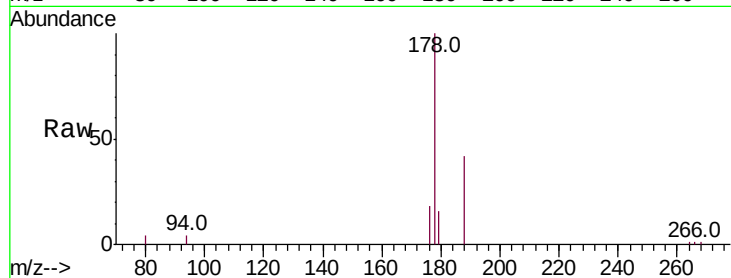
#13
 Anthracene
 Concen: 0.182 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. 0.00 min
 Lab File: BM025418.D
 Acq: 09 Mar 2020 17:36

Instrument :
 BNA_M
 ClientSampleId :
 DBDK7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	18.2	14.5	21.7

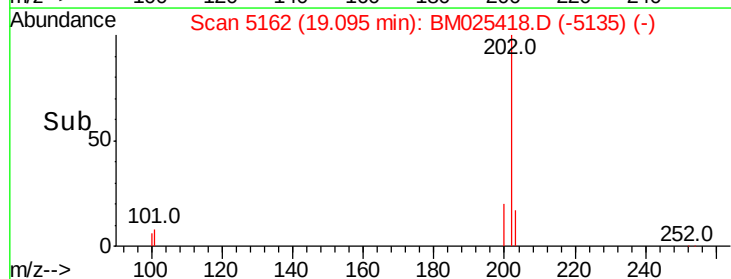
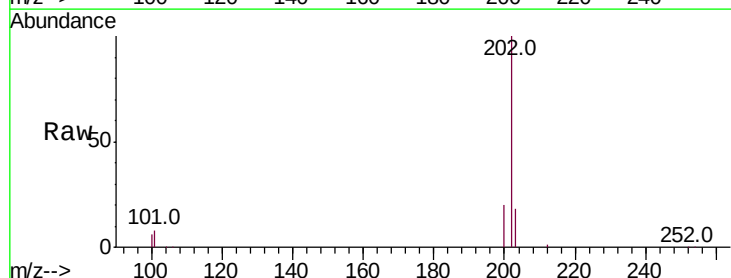
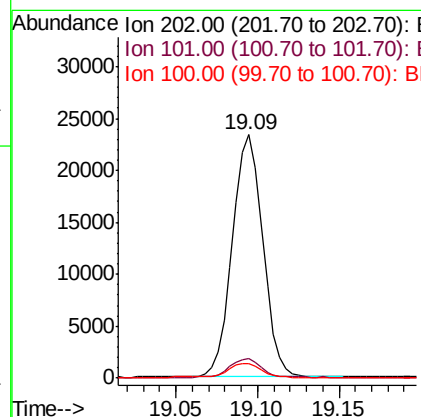
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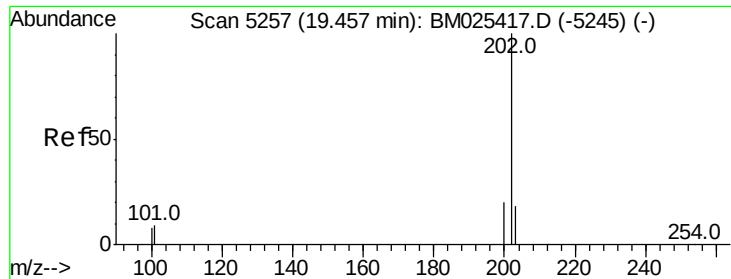
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#15
 Fluoranthene
 Concen: 0.441 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. 0.00 min
 Lab File: BM025418.D
 Acq: 09 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	5.8	0.0	26.0





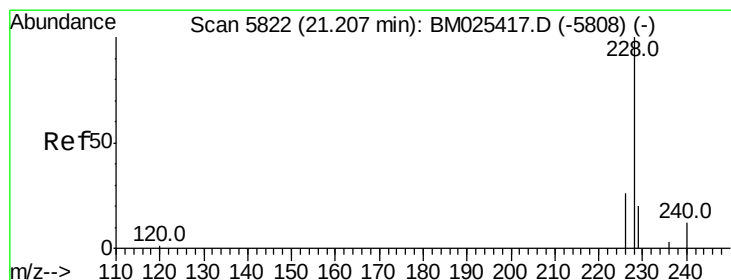
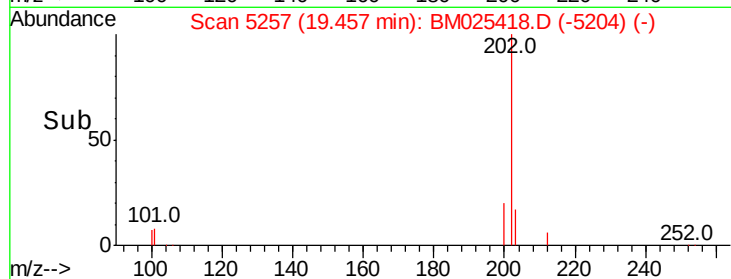
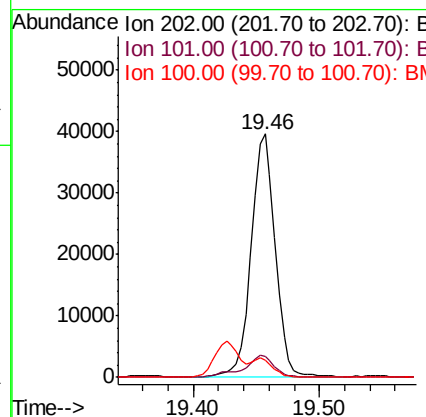
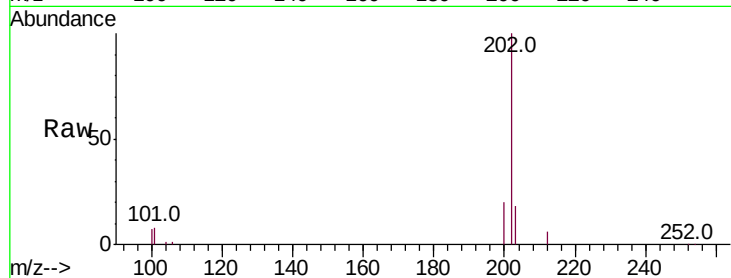
#17
Pvrene
Concen: 0.814 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. 0.00 min
Lab File: BM025418.D
Acq: 09 Mar 2020 17:36

Instrument :
BNA_M
ClientSampleId :
DBDK7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	7.1	10.7
100	7.0	6.0	9.0

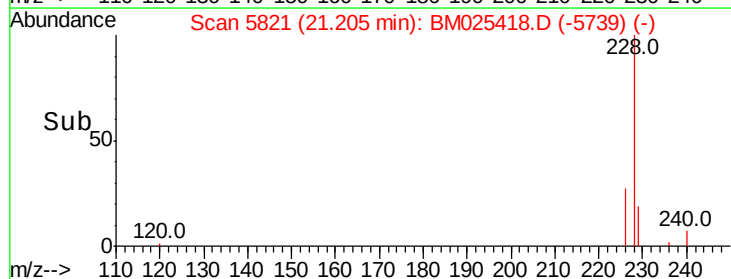
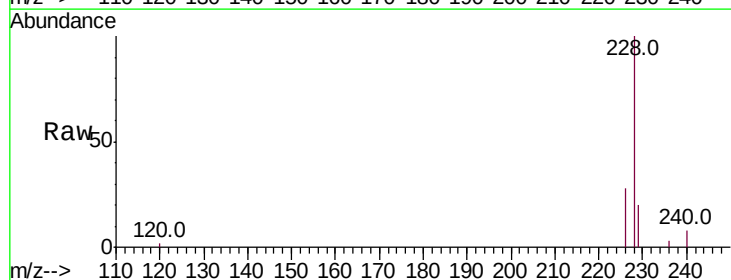
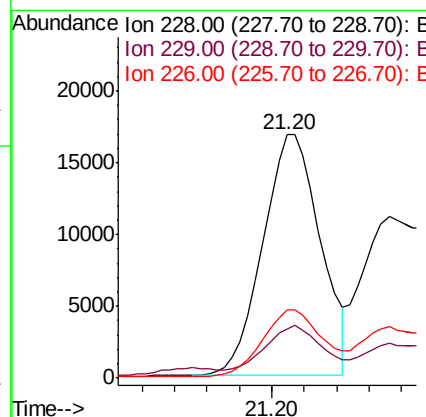
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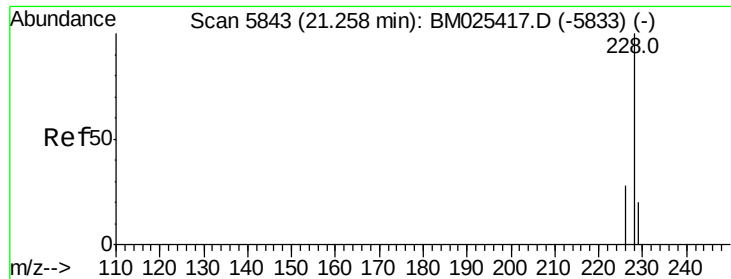
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#18
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025418.D
Acq: 09 Mar 2020 17:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.8	21.1	31.7





#19

Chrysene

Concen: 0.309 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025418.D

Acq: 09 Mar 2020 17:36

Instrument :

BNA_M

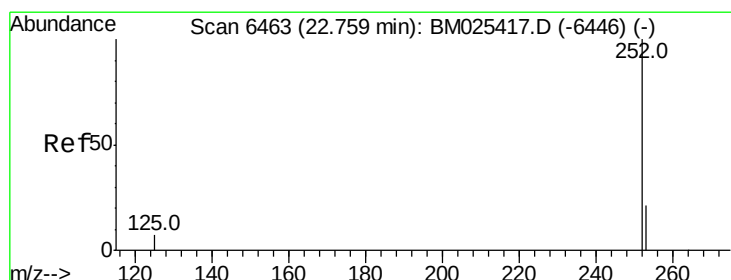
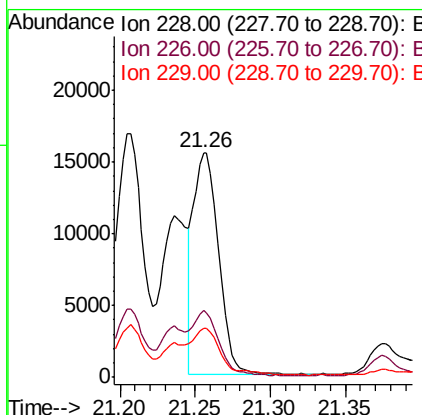
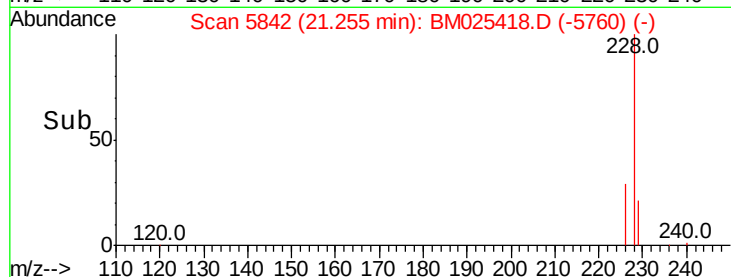
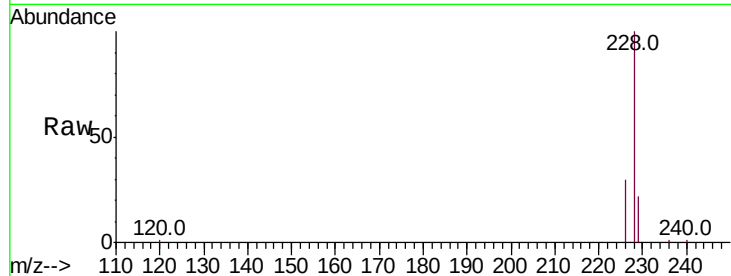
ClientSampleId :

DBDK7

Tot Ion:228	Resp:	17720
Ion Ratio	Lower	Upper
228 100		
226 29.6	23.6	35.4
229 21.7	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.992 ng/ul m

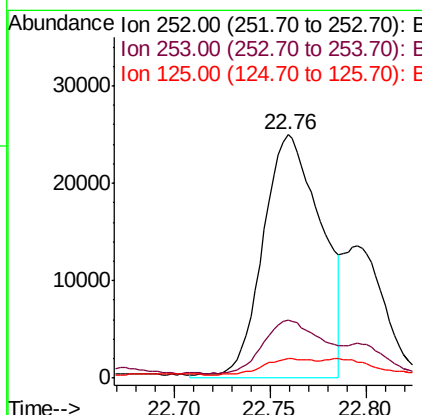
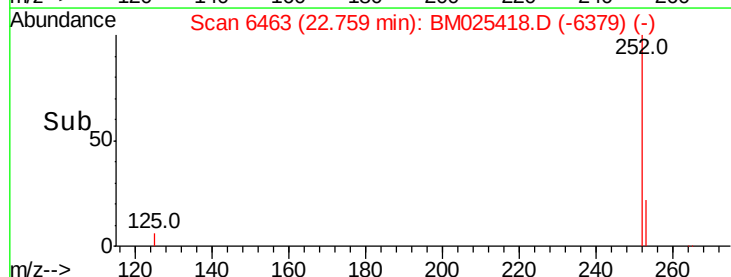
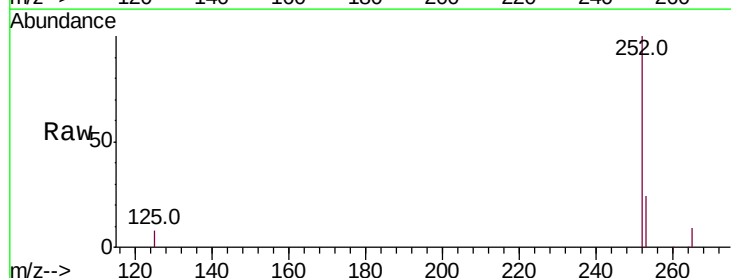
RT: 22.76 min Scan# 6463

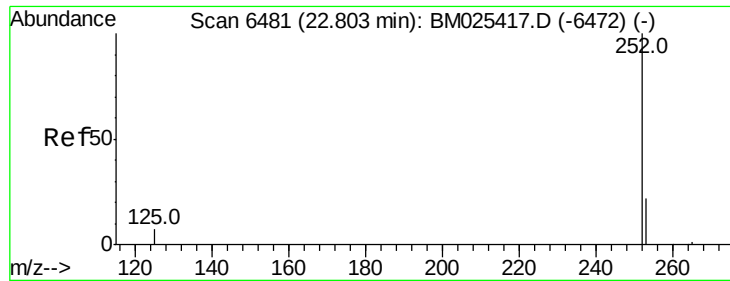
Delta R.T. 0.00 min

Lab File: BM025418.D

Acq: 09 Mar 2020 17:36

Tgt Ion:252	Resp:	53033
Ion Ratio	Lower	Upper
252 100		
253 23.7	0.0	50.2
125 7.8	0.0	17.6





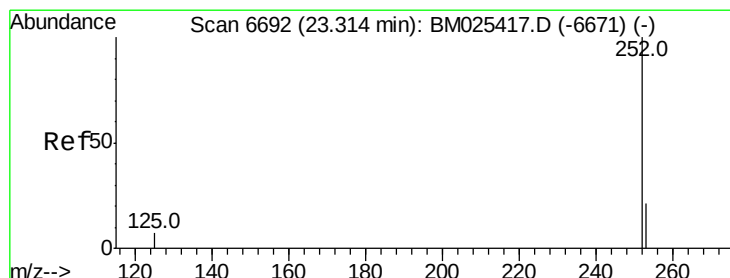
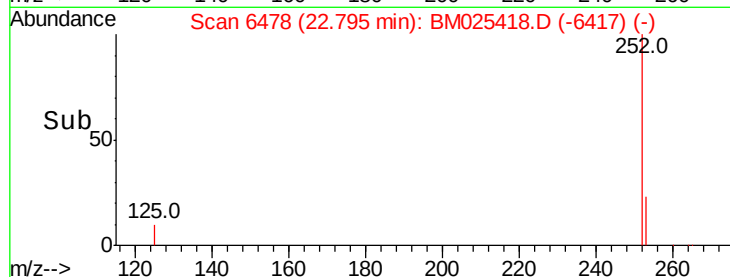
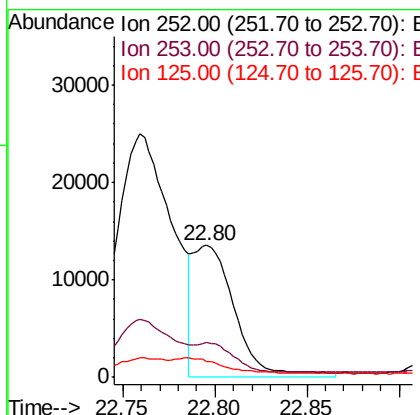
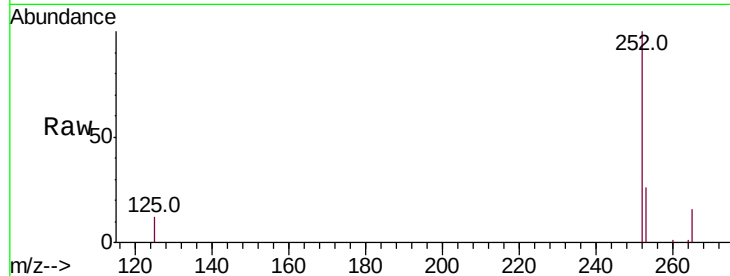
#22
Benzo(k)fluoranthene
Concen: 0.381 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025418.D
Acq: 09 Mar 2020 17:36

Instrument :
BNA_M
ClientSampleId :
DBDK7

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.8	29.8
125	12.5	7.1	10.7

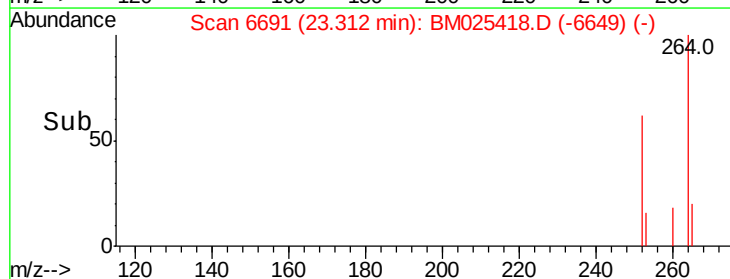
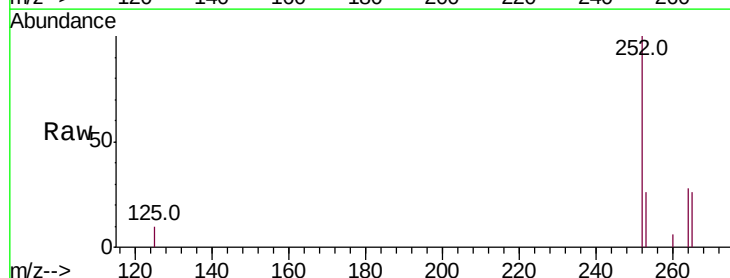
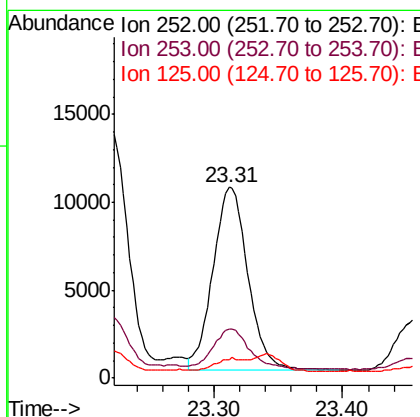
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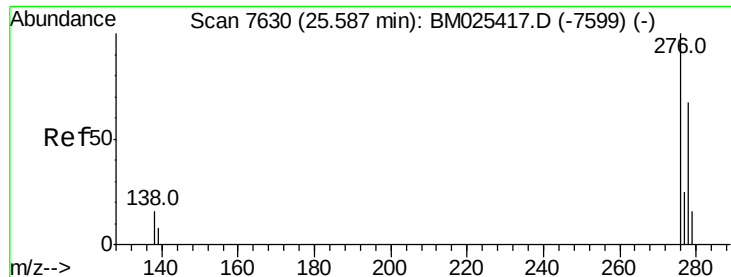
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#23
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. 0.00 min
Lab File: BM025418.D
Acq: 09 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.3	31.9
125	9.9	8.5	12.7





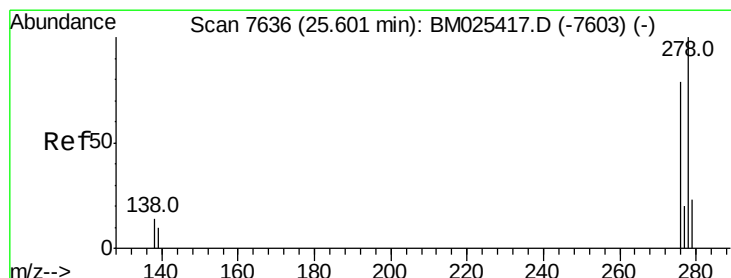
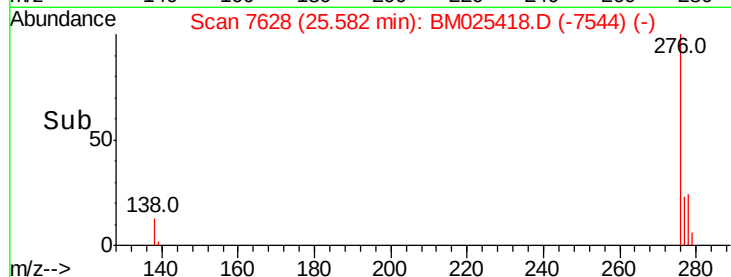
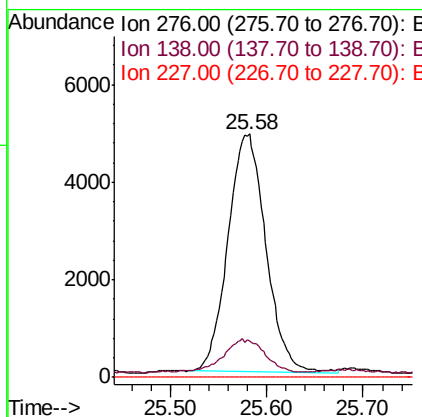
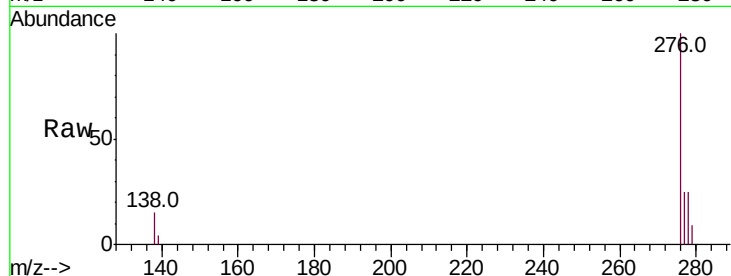
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.221 ng/ul
 RT: 25.58 min Scan# 7628
 Delta R.T. 0.00 min
 Lab File: BM025418.D
 Acq: 09 Mar 2020 17:36

Instrument :
 BNA_M
 ClientSampleId :
 DBDK7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.3	18.5
227	0.0	0.0	0.0

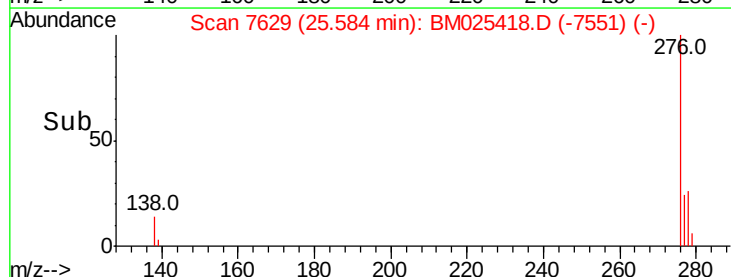
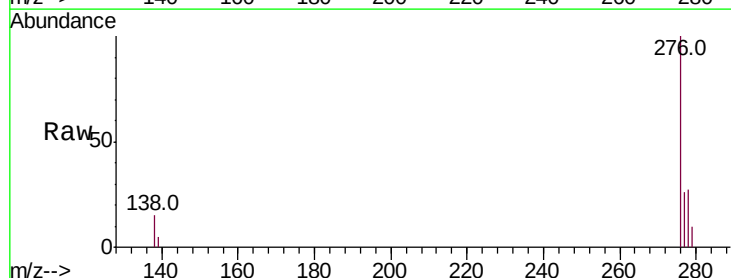
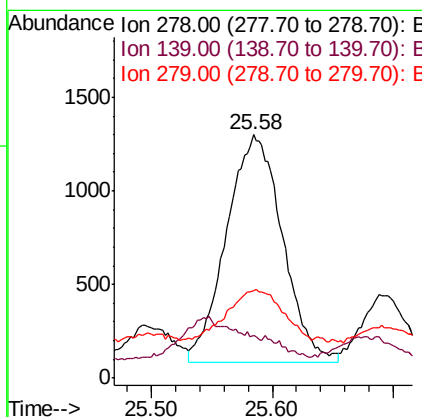
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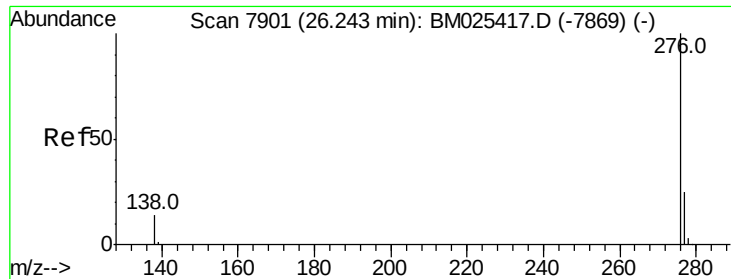
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 25.58 min Scan# 7629
 Delta R.T. -0.01 min
 Lab File: BM025418.D
 Acq: 09 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	9.0	13.6#
279	36.0	21.1	31.7#





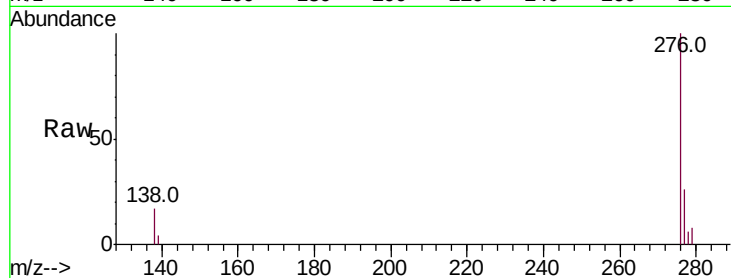
#26
 Benzo(a,h,i)perylene
 Concen: 0.145 ng/ul
 RT: 26.24 min Scan# 7900
 Delta R.T. 0.00 min
 Lab File: BM025418.D
 Acq: 09 Mar 2020 17:36

Instrument :
 BNA_M
 ClientSampleId :
 DBDK7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	11.0	16.4#
277	26.1	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

