

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006245.D
 Acq On : 11 Jun 2019 12:43
 Operator : JU/SJ
 Sample : K3017-21DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F2DL

Manual Integrations
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Quant Time: Jun 11 13:23:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 11 12:32:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5076	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19075	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9329	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	18249	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	14206	0.40	ng/ul	0.03
20) Perylene-d12	23.54	264	17354	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	462	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	946	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	2361	0.046	ng/ul#	91
12) Phenanthrene	17.09	178	25632	0.438	ng/ul	99
13) Anthracene	17.19	178	3159	0.056	ng/ul#	91
15) Fluoranthene	19.13	202	65220	1.008	ng/ul	99
17) Pyrene	19.49	202	47401	0.633	ng/ul	99
18) Benzo(a)anthracene	21.27	228	6631	0.106	ng/ul	96
19) Chrysene	21.33	228	25982	0.440	ng/ul	99
21) Benzo(b)fluoranthene	22.87	252	27356m	0.378	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	9773m	0.139	ng/ul	
23) Benzo(a)pyrene	23.45	252	9112	0.135	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.79	276	9354	0.128	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.80	278	1798	0.031	ng/ul#	66
26) Benzo(g,h,i)perylene	26.47	276	8561	0.140	ng/ul	98

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

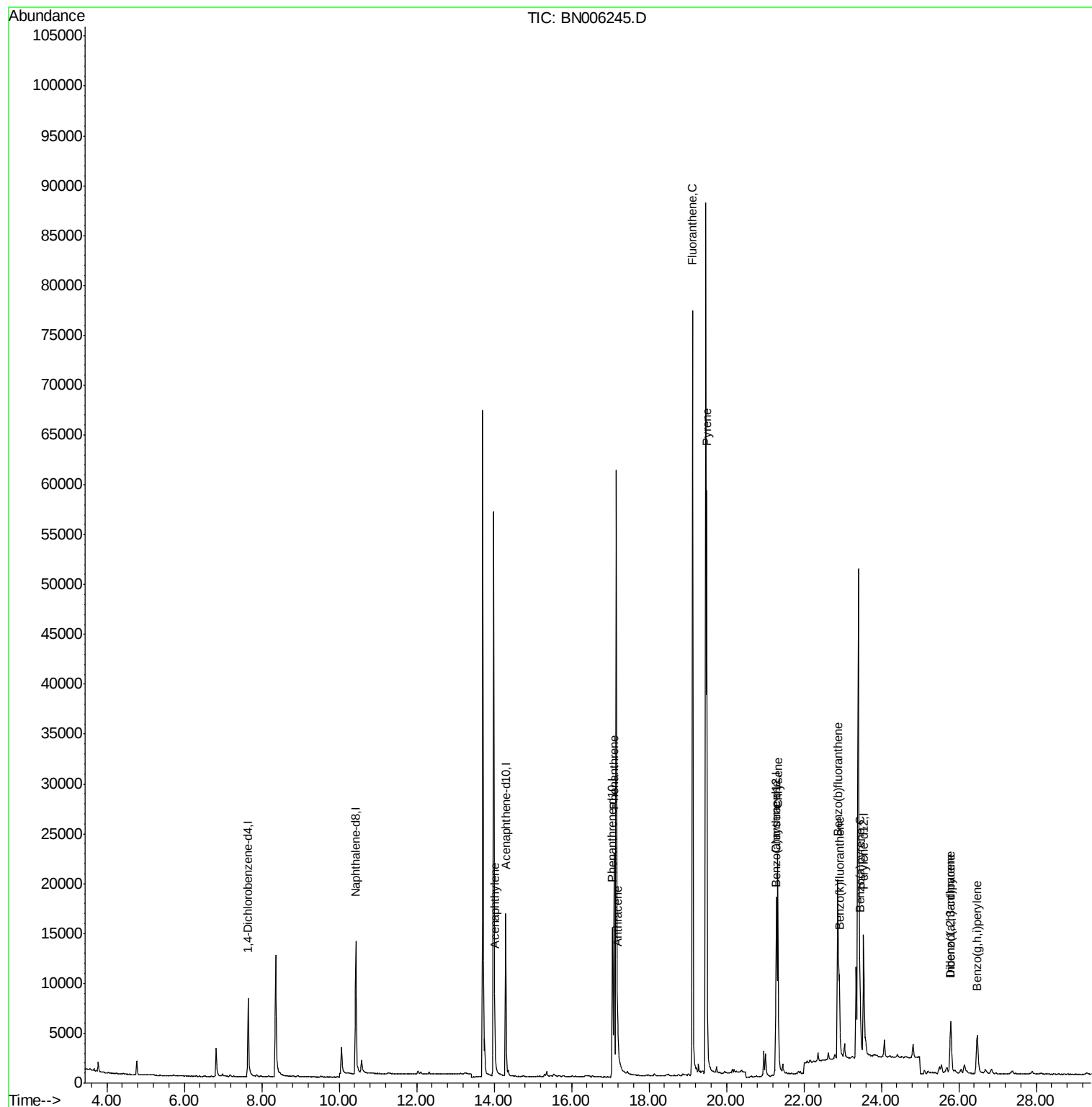
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
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ALS Vial : 6 Sample Multiplier: 1

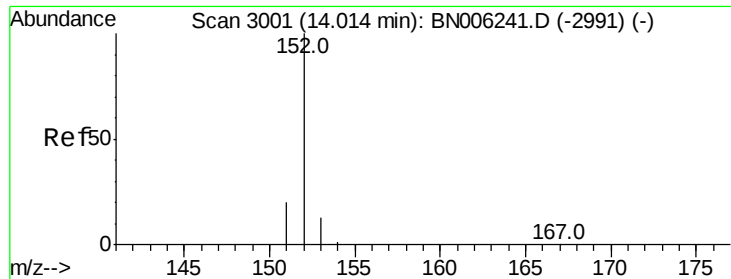
Instrument :
BNA_N
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A51F2DL

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Quant Time: Jun 11 13:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 11 12:32:25 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006245.D

Acq: 11 Jun 2019 12:43

Instrument :

BNA_N

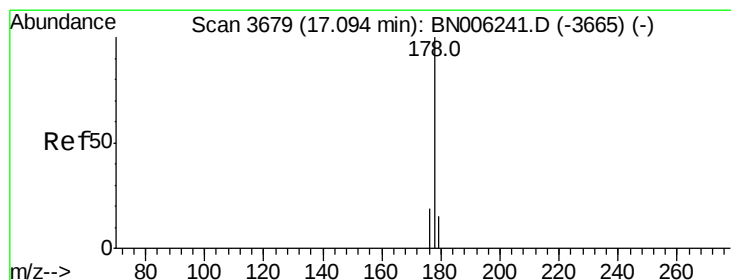
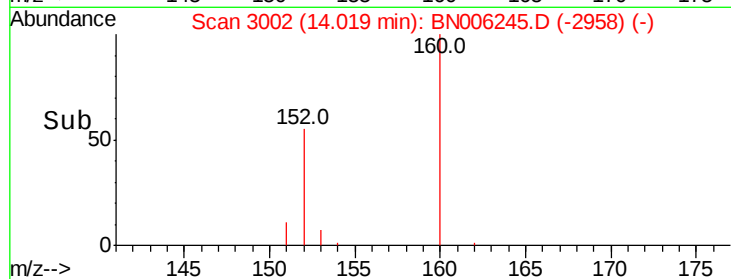
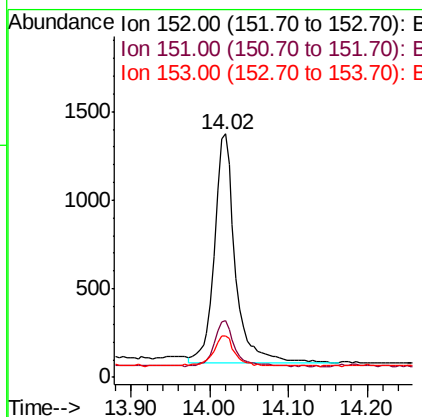
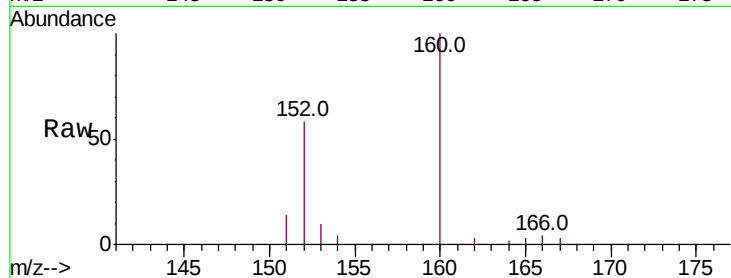
ClientSampleId :

A51F2DL

Tot Ion:	152	Resp:	2361
Ion Ratio	Lower	Upper	
152	100		
151	23.6	15.8	23.8
153	17.2	10.8	16.2

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#12

Phenanthrene

Concen: 0.438 ng/ul

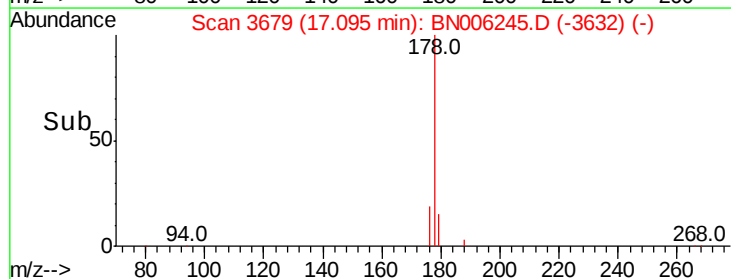
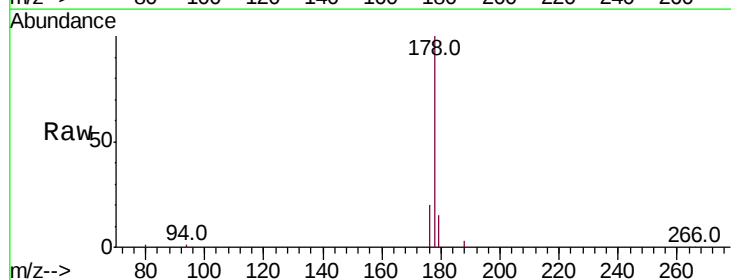
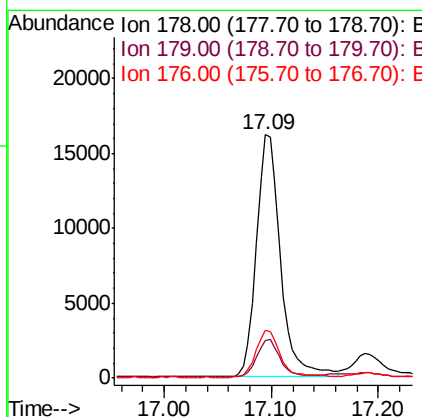
RT: 17.09 min Scan# 3679

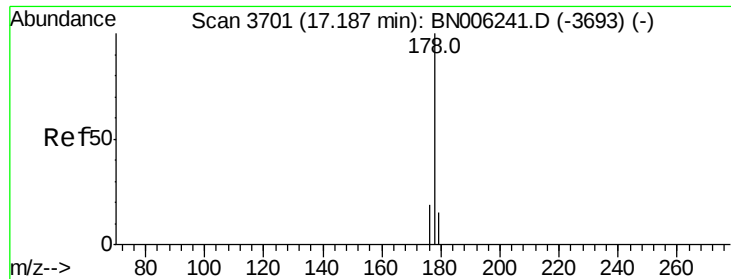
Delta R.T. 0.00 min

Lab File: BN006245.D

Acq: 11 Jun 2019 12:43

Tgt Ion:	178	Resp:	25632
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.8	15.3	22.9





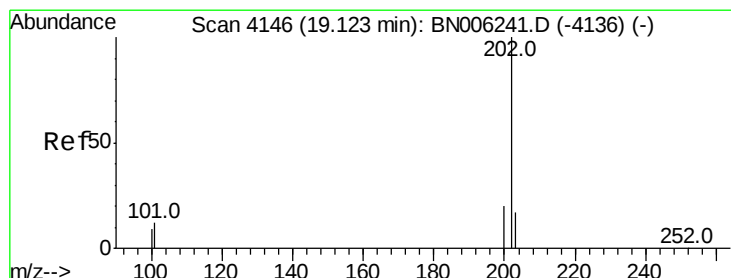
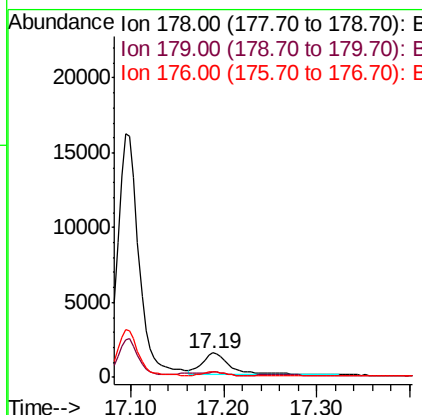
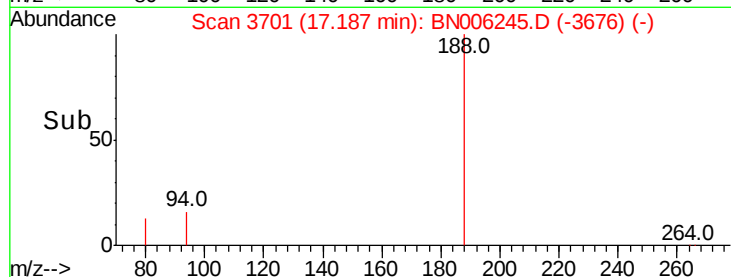
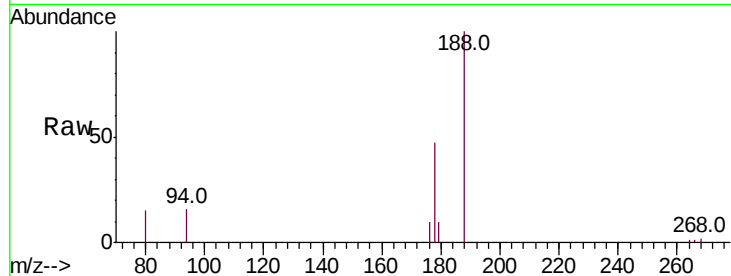
#13
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: BN006245.D
 Acq: 11 Jun 2019 12:43

Instrument :
 BNA_N
 ClientSampleId :
 A51F2DL

Tot Ion:178 Resp: 3159
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.2 18.4#
 176 21.4 15.1 22.7

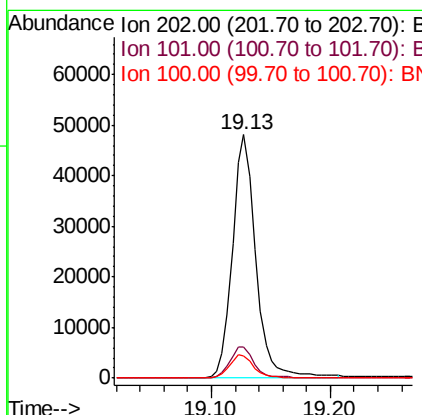
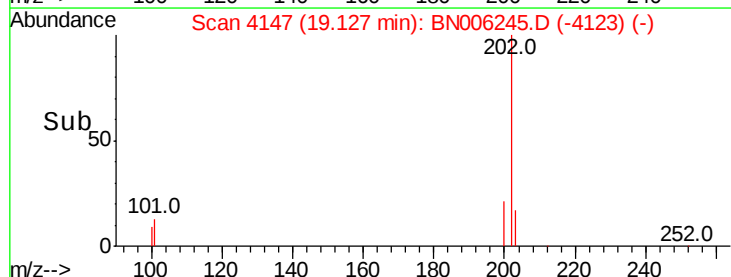
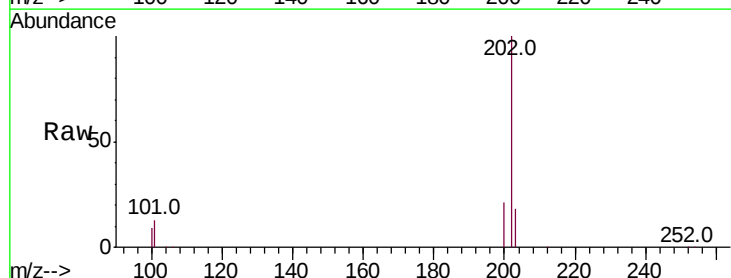
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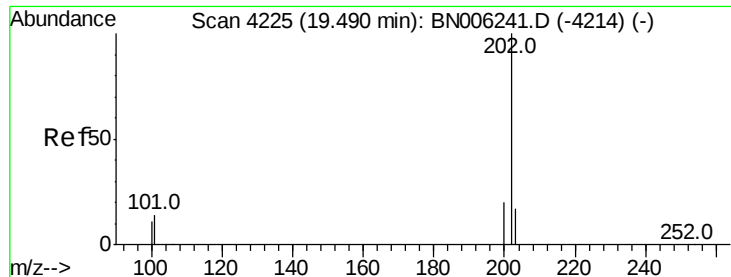
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#15
 Fluoranthene
 Concen: 1.008 ng/ul
 RT: 19.13 min Scan# 4147
 Delta R.T. 0.01 min
 Lab File: BN006245.D
 Acq: 11 Jun 2019 12:43

Tgt Ion:202 Resp: 65220
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 32.1
 100 9.2 0.0 28.7





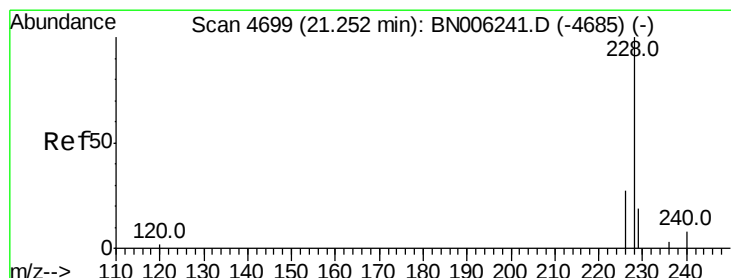
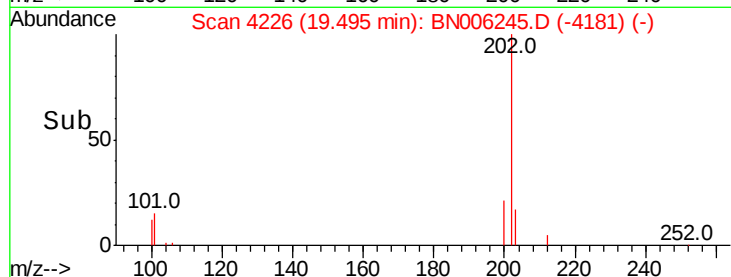
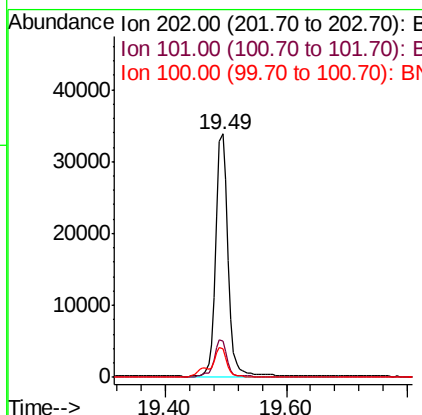
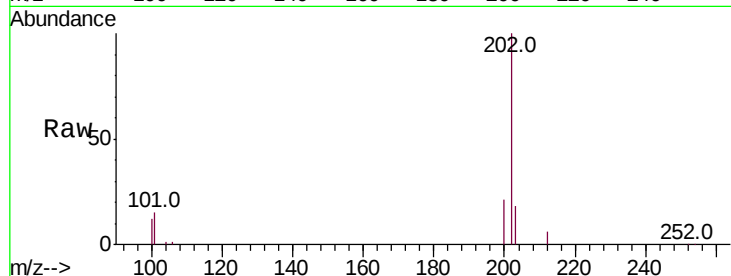
#17
Pvrene
Concen: 0.633 ng/ul
RT: 19.49 min Scan# 4226
Delta R.T. 0.01 min
Lab File: BN006245.D
Acq: 11 Jun 2019 12:43

Instrument :
BNA_N
ClientSampleId :
A51F2DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.2
100	11.7	9.8	14.6

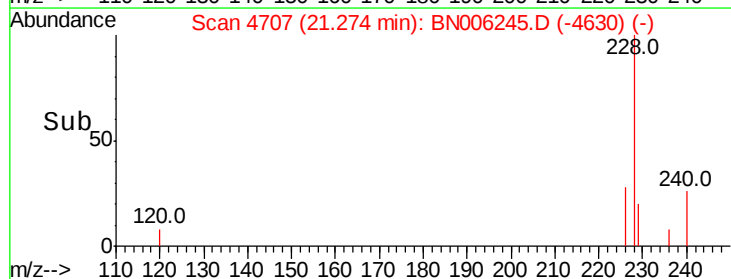
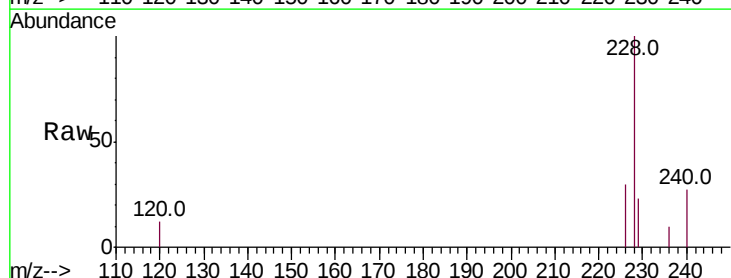
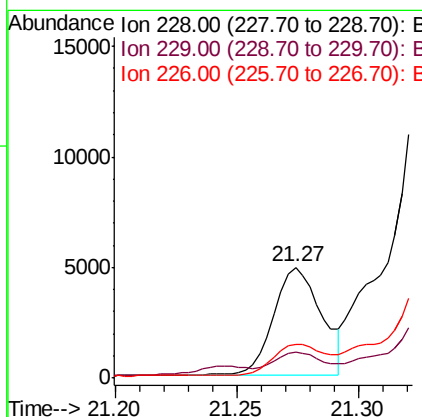
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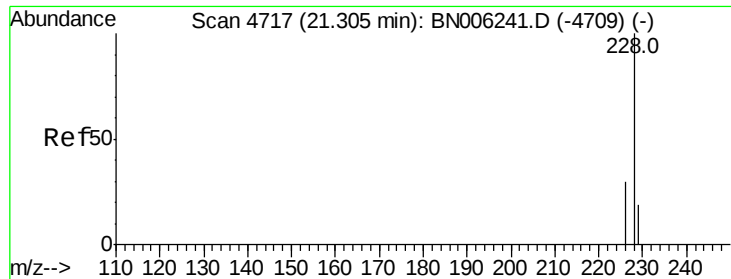
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#18
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.27 min Scan# 4707
Delta R.T. 0.03 min
Lab File: BN006245.D
Acq: 11 Jun 2019 12:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	16.5	24.7
226	30.2	22.8	34.2





#19

Chrysene

Concen: 0.440 ng/ul

RT: 21.33 min Scan# 4725

Delta R.T. 0.03 min

Lab File: BN006245.D

Acq: 11 Jun 2019 12:43

Instrument :

BNA_N

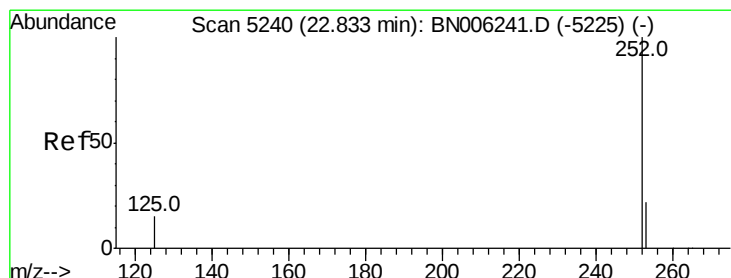
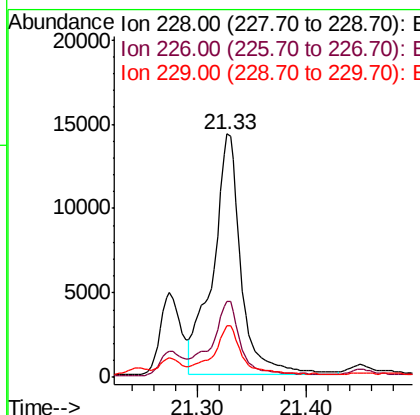
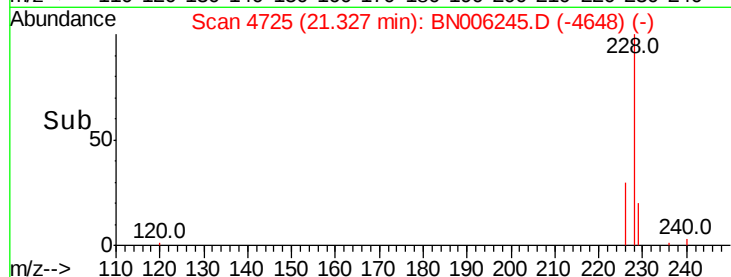
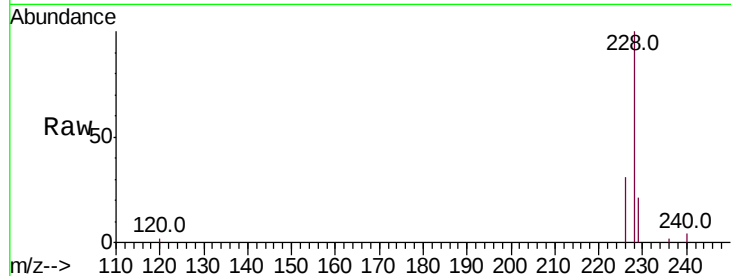
ClientSampleId :

A51F2DL

Tot Ion:228	Resp:	25982
Ion Ratio	Lower	Upper
228 100		
226 31.0	25.0	37.6
229 21.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.378 ng/ul m

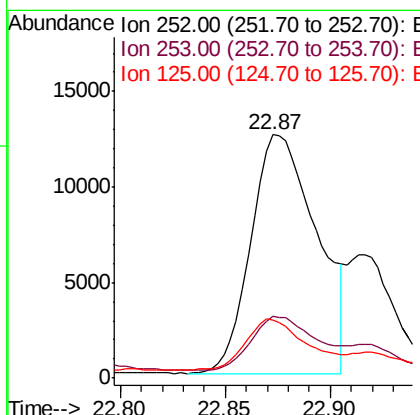
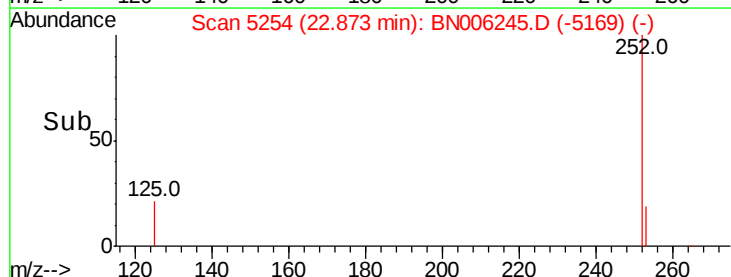
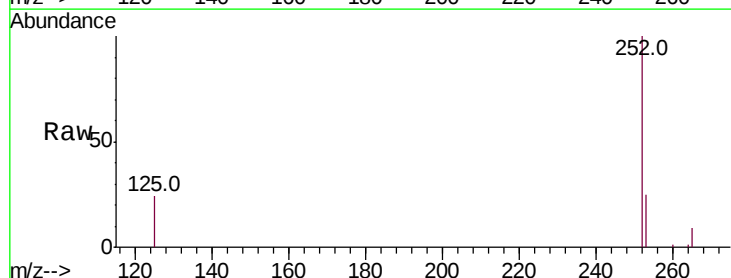
RT: 22.87 min Scan# 5254

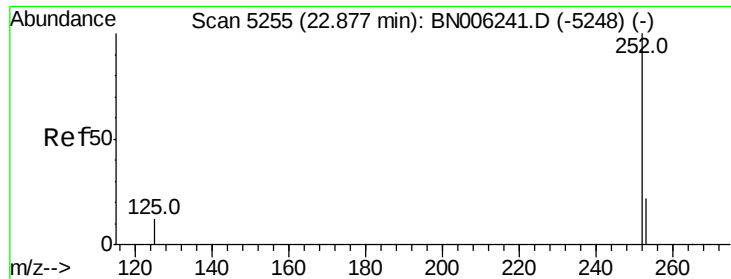
Delta R.T. 0.05 min

Lab File: BN006245.D

Acq: 11 Jun 2019 12:43

Tgt Ion:252	Resp:	27356
Ion Ratio	Lower	Upper
252 100		
253 25.3	0.0	51.4
125 23.9	0.0	41.0





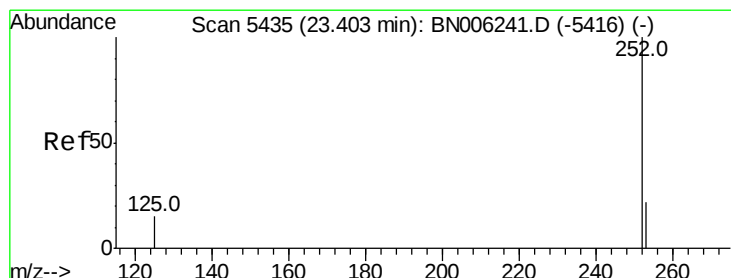
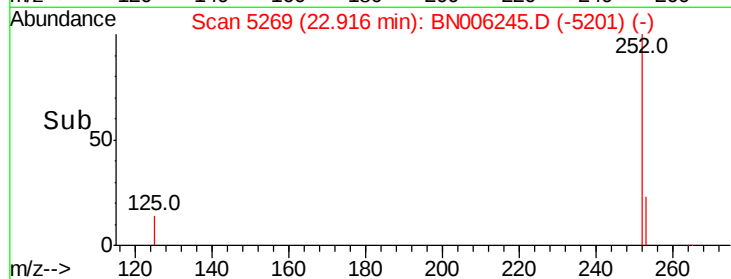
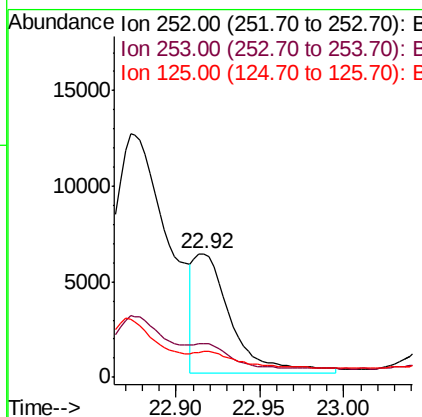
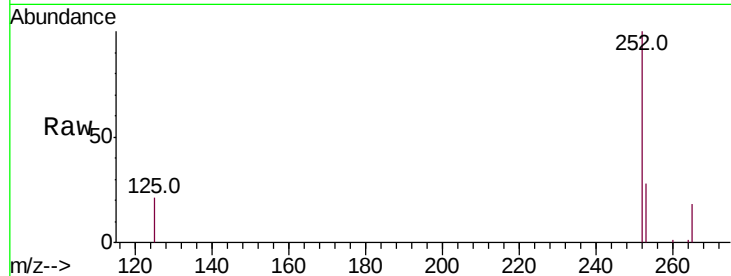
#22
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.92 min Scan# 5269
Delta R.T. 0.05 min
Lab File: BN006245.D
Acq: 11 Jun 2019 12:43

Instrument :
BNA_N
ClientSampleId :
A51F2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.3	30.5
125	20.6	14.3	21.5

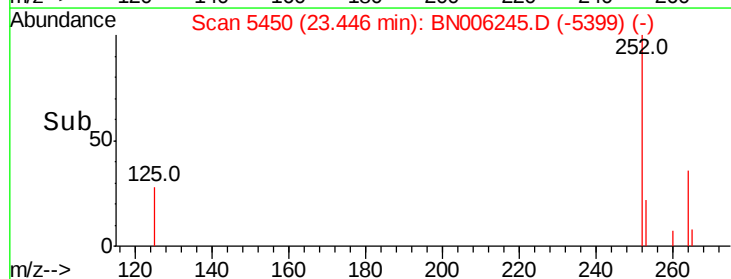
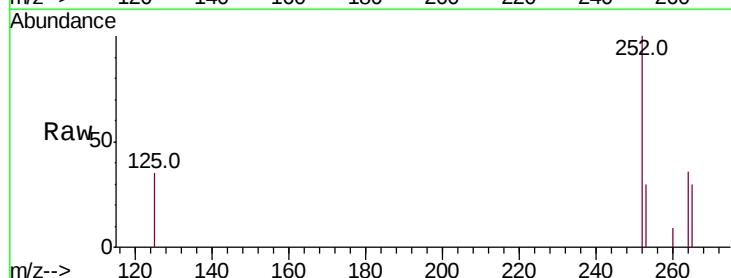
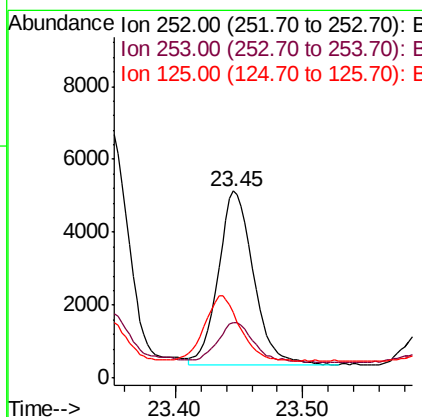
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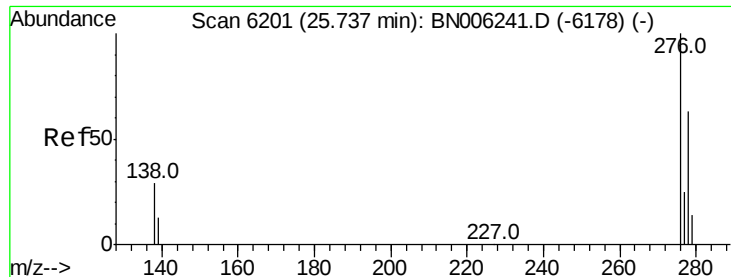
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#23
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.45 min Scan# 5450
Delta R.T. 0.05 min
Lab File: BN006245.D
Acq: 11 Jun 2019 12:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.1	31.7
125	35.3	20.3	30.5





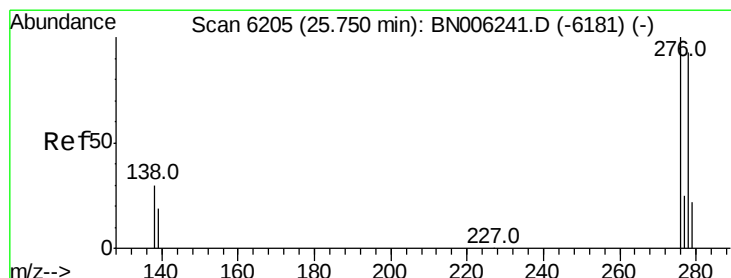
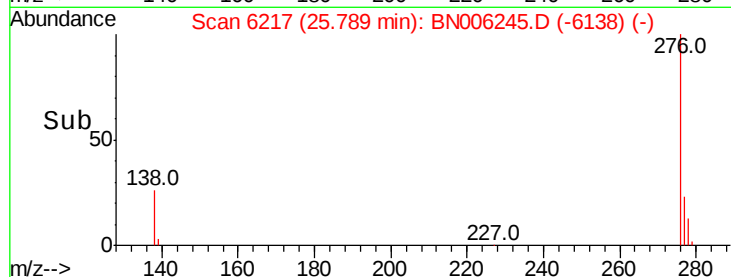
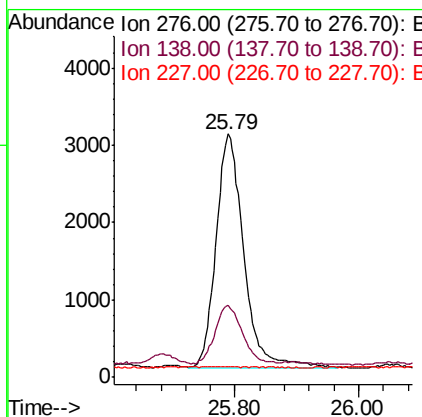
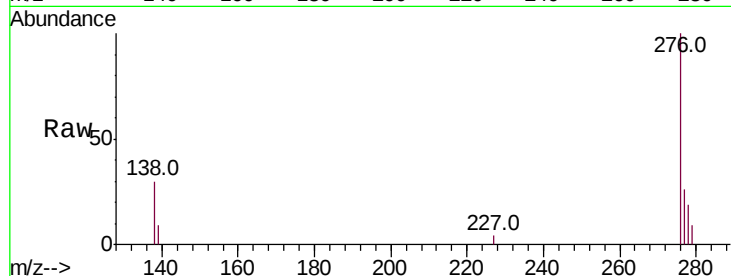
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.128 ng/ul
 RT: 25.79 min Scan# 6217
 Delta R.T. 0.06 min
 Lab File: BN006245.D
 Acq: 11 Jun 2019 12:43

Instrument :
 BNA_N
 ClientSampleId :
 A51F2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.6	38.4#
227	0.1	0.3	0.5#

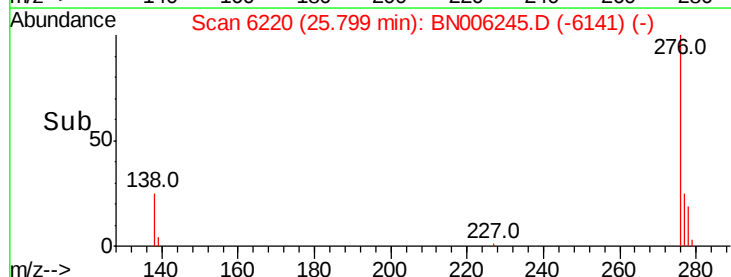
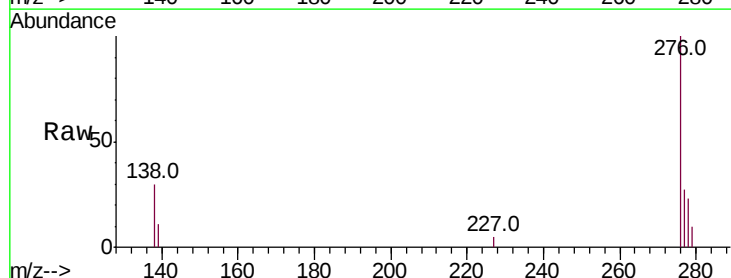
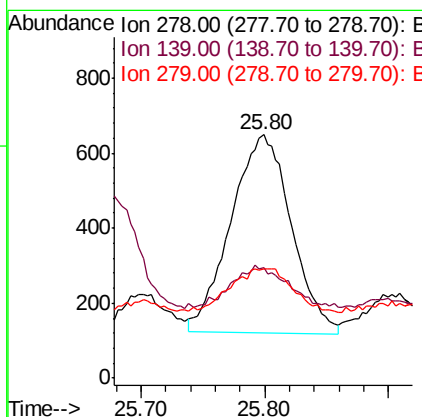
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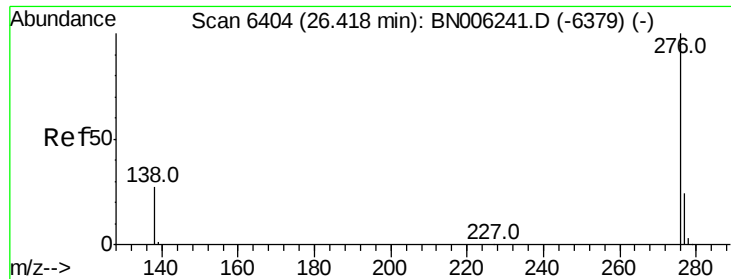
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.031 ng/ul
 RT: 25.80 min Scan# 6220
 Delta R.T. 0.06 min
 Lab File: BN006245.D
 Acq: 11 Jun 2019 12:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.5	21.2	31.8#
279	44.8	22.6	33.8#





#26

Benzo(a,h,i)perylene

Concen: 0.140 ng/ul

RT: 26.47 min Scan# 6421

Delta R.T. 0.07 min

Lab File: BN006245.D

Acq: 11 Jun 2019 12:43

Instrument :

BNA_N

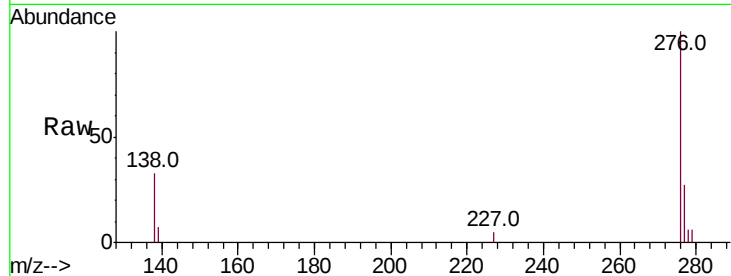
ClientSampleId :

A51F2DL

Tot Ion:	276	Resp:	8561
Ion Ratio	Lower	Upper	
276	100		
138	32.6	24.2	36.4
277	26.8	21.5	32.3

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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

