

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012728.D
 Acq On : 24 Nov 2020 22:15
 Operator : CG/JU
 Sample : L4751-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BF9

Manual Integrations
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Quant Time: Nov 25 03:25:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 25 01:45:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	834	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3422	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	1994	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	3957	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3185	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3402	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	742	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1605	0.16	ng/ul	0.00

Target Compounds				Ovalue		
3) Naphthalene	10.25	128	218	0.021	ng/ul#	46
12) Phenanthrene	16.89	178	1539	0.112	ng/ul	94
13) Anthracene	16.98	178	281	0.023	ng/ul#	57
15) Fluoranthene	18.92	202	4329	0.272	ng/ul	96
17) Pyrene	19.28	202	4261	0.299	ng/ul#	92
18) Benzo(a)anthracene	21.05	228	1943	0.170	ng/ul	95
19) Chrysene	21.10	228	2620	0.184	ng/ul	94
21) Benzo(b)fluoranthene	22.55	252	3686m	0.236	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	1385m	0.077	ng/ul	
23) Benzo(a)pyrene	23.08	252	2329	0.158	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	25.25	276	1723	0.089	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.26	278	387	0.025	ng/ul#	1
26) Benzo(g,h,i)perylene	25.89	276	1643	0.095	ng/ul#	80

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

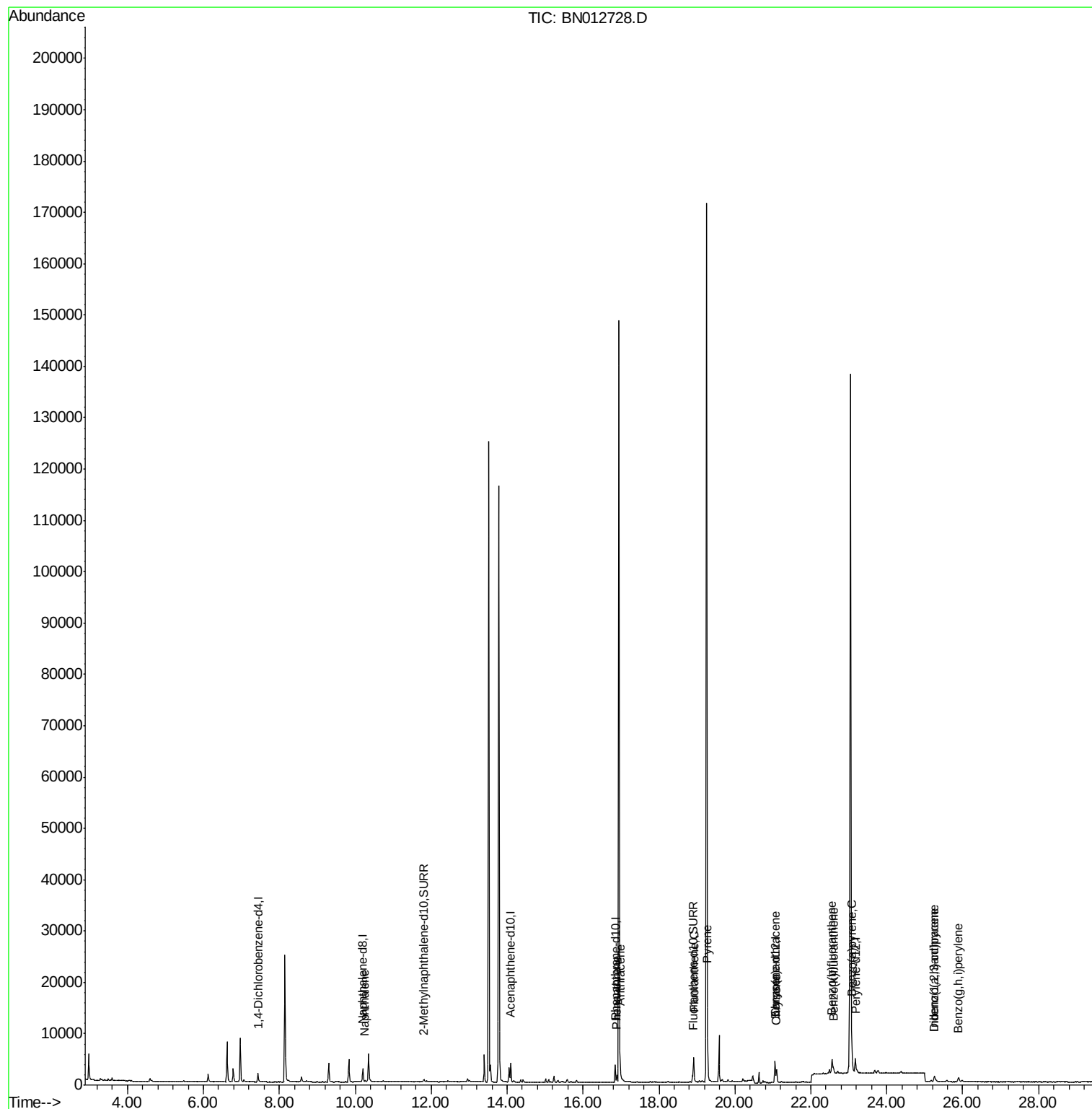
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
Data File : BN012728.D
Acq On : 24 Nov 2020 22:15
Operator : CG/JU
Sample : L4751-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

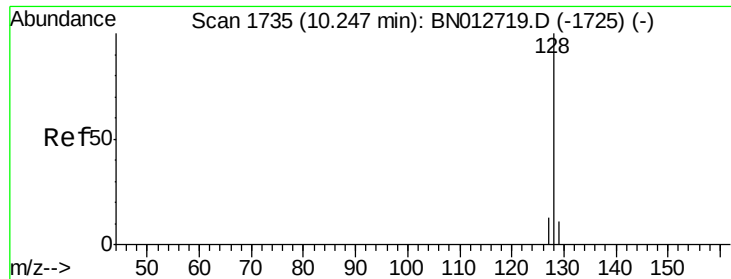
Instrument :
BNA_N
ClientSampleId :
C0BF9

Quant Time: Nov 25 03:25:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 01:45:20 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.25 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

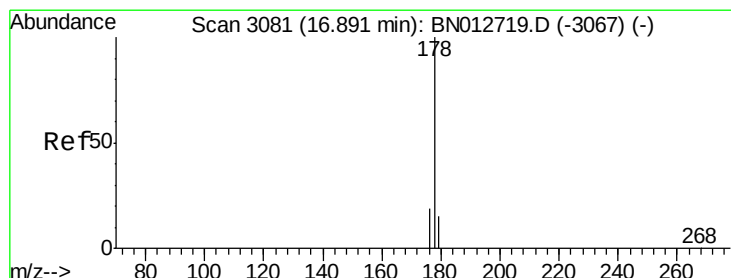
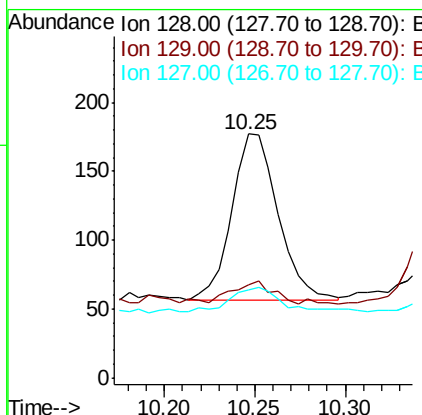
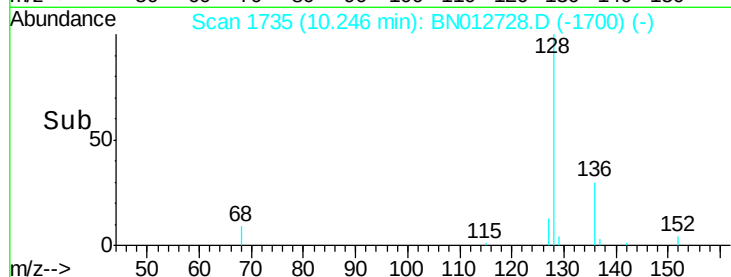
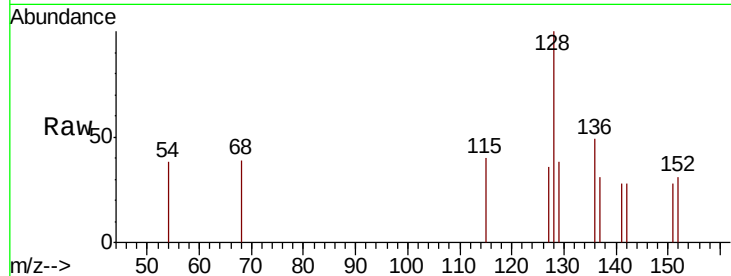
ClientSampleId :

C0BF9

Tot Ion:	128	Resp:	218
Ion	Ratio	Lower	Upper
128	100		
129	38.4	11.2	16.8#
127	36.2	12.5	18.7#

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#12

Phenanthrene

Concen: 0.112 ng/ul

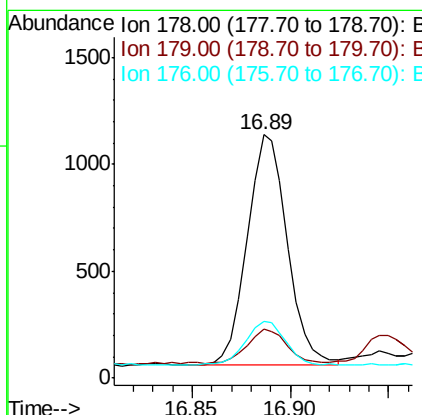
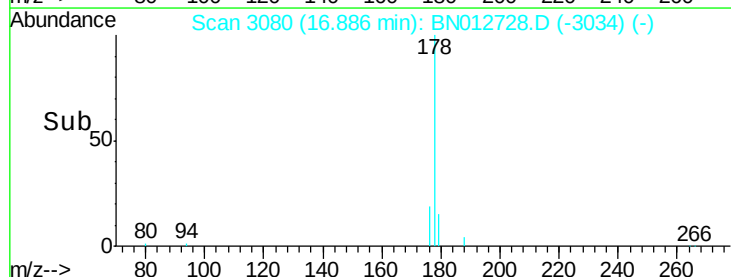
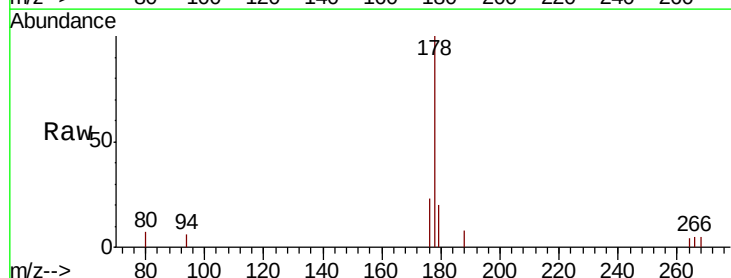
RT: 16.89 min Scan# 3080

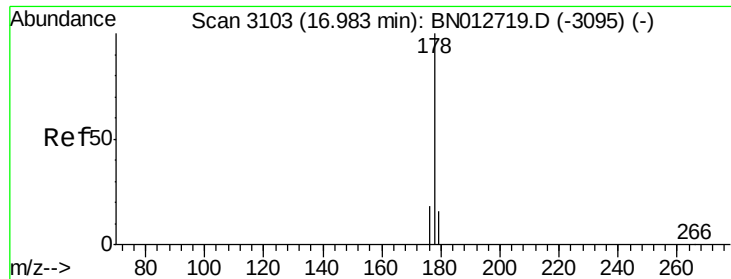
Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Tgt Ion:	178	Resp:	1539
Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.8	20.6
176	23.4	16.7	25.1





#13

Anthracene

Concen: 0.023 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

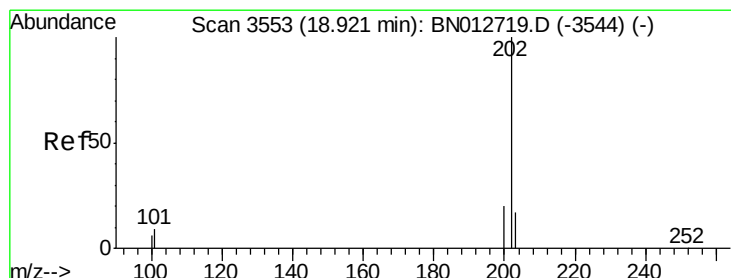
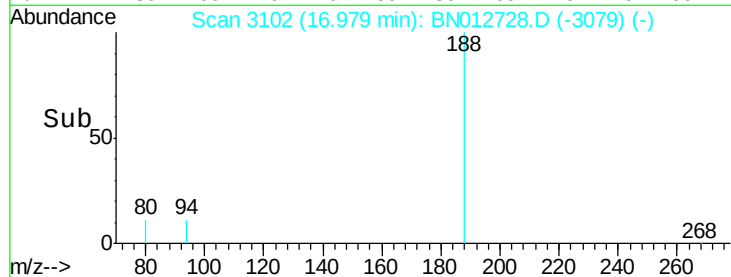
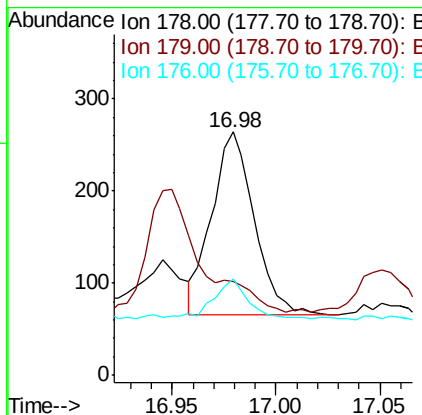
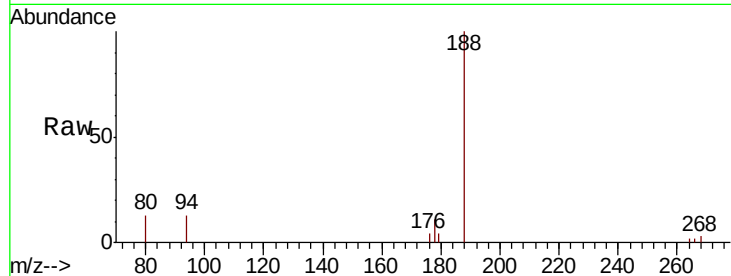
ClientSampleId :

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Tot Ion:	178	Resp:	281
Ion Ratio	Lower	Upper	
178	100		
179	38.6	14.8	22.2#
176	39.8	16.3	24.5#

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#15

Fluoranthene

Concen: 0.272 ng/ul

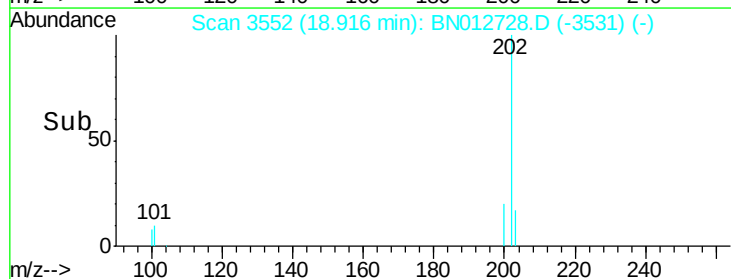
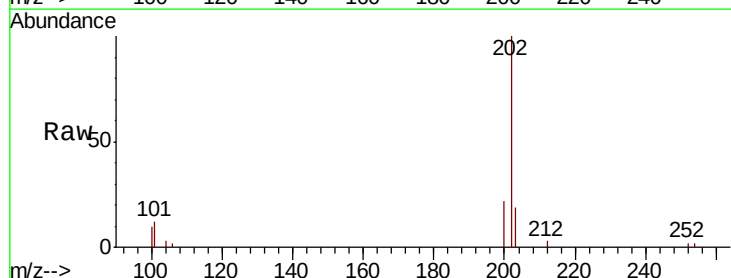
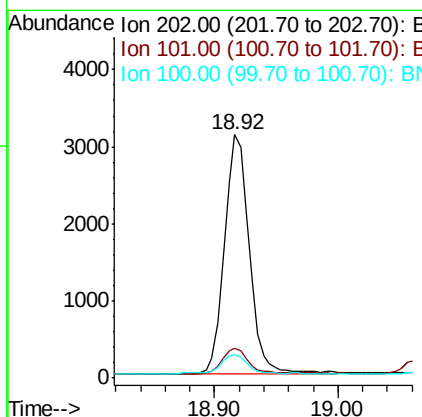
RT: 18.92 min Scan# 3552

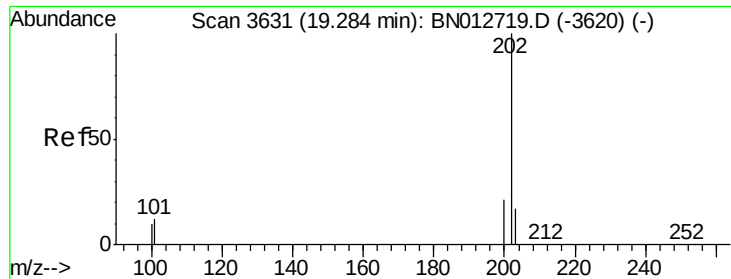
Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Tgt Ion:	202	Resp:	4329
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	30.5
100	9.6	0.0	28.4





#17

Pyrene

Concen: 0.299 ng/ul

RT: 19.28 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

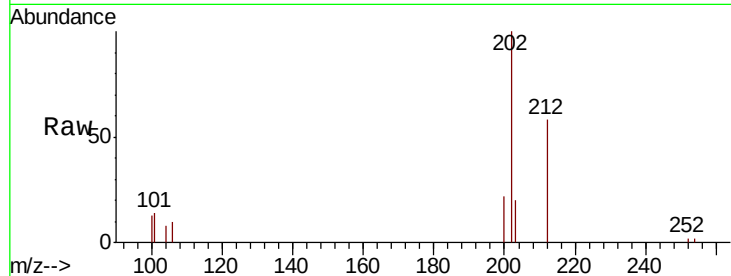
ClientSampleId :

C0BF9

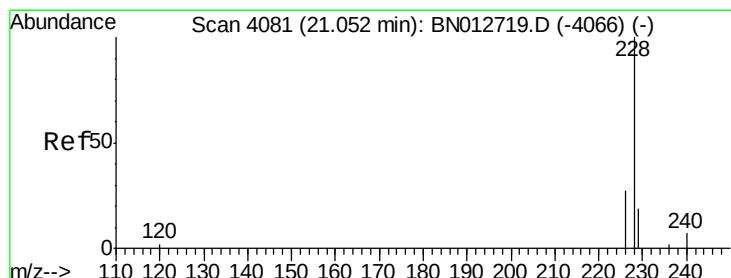
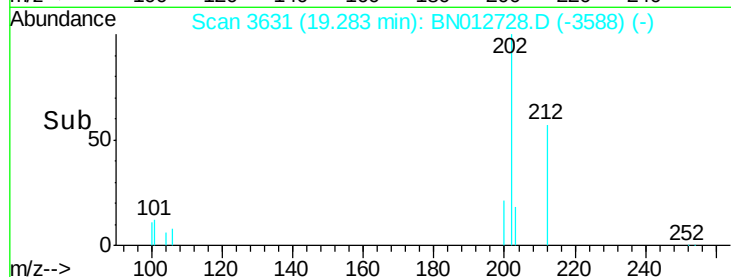
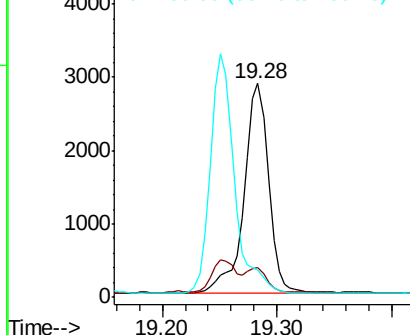
Tot Ion:	202	Resp:	4261
Ion Ratio	Lower	Upper	
202	100		
101	14.0	8.9	13.3#
100	12.7	7.4	11.2#

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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



#18

Benzo(a)anthracene

Concen: 0.170 ng/ul

RT: 21.05 min Scan# 4079

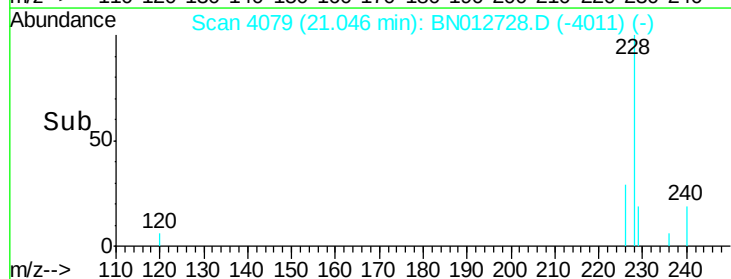
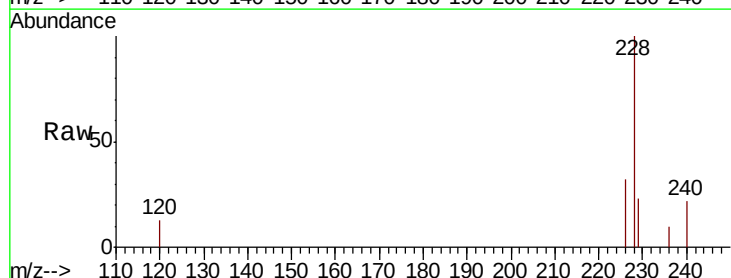
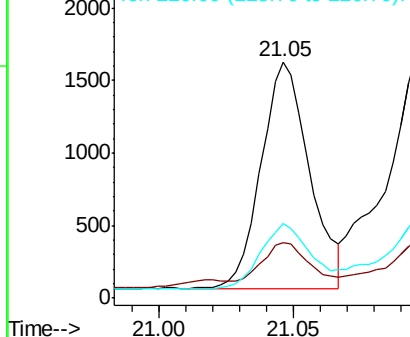
Delta R.T. -0.00 min

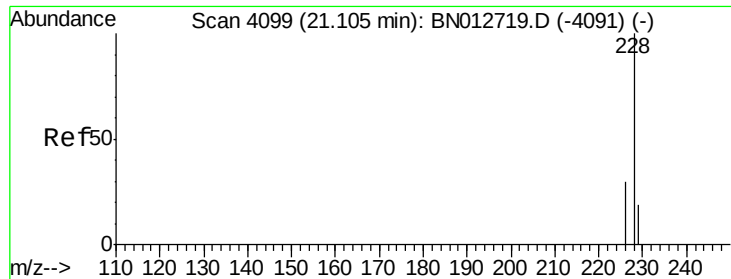
Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Tgt Ion:	228	Resp:	1943
Ion Ratio	Lower	Upper	
228	100		
229	23.4	16.9	25.3
226	31.6	23.1	34.7

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





#19

Chrysene

Concen: 0.184 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

ClientSampled :

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Tot Ion:228 Resp: 2620

Ion Ratio Lower Upper

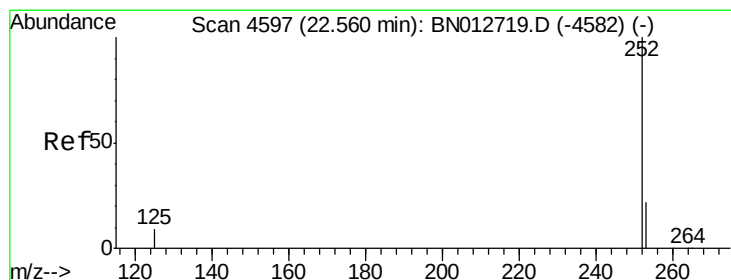
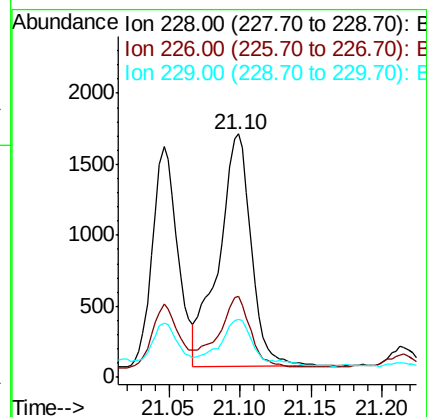
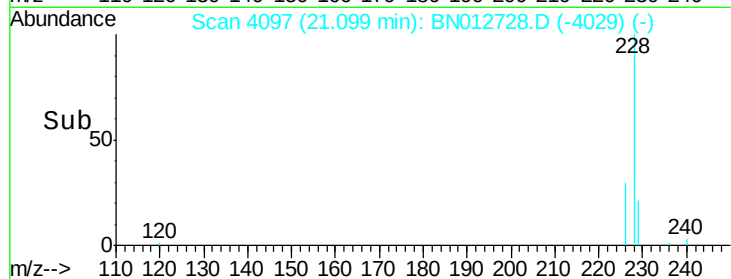
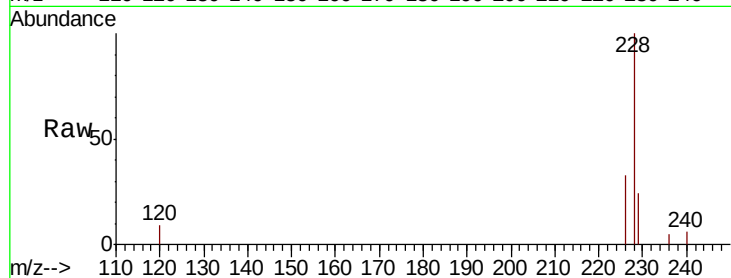
228 100

226 33.1 24.4 36.6

229 24.0 16.1 24.1

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#21

Benzo(b)fluoranthene

Concen: 0.236 ng/ul m

RT: 22.55 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

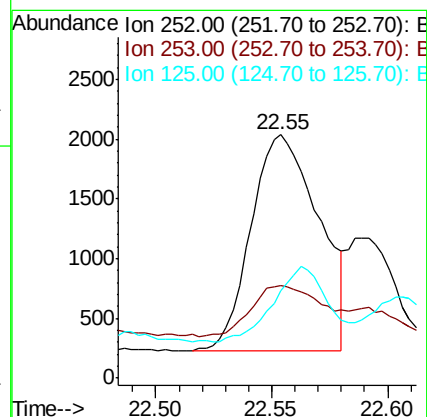
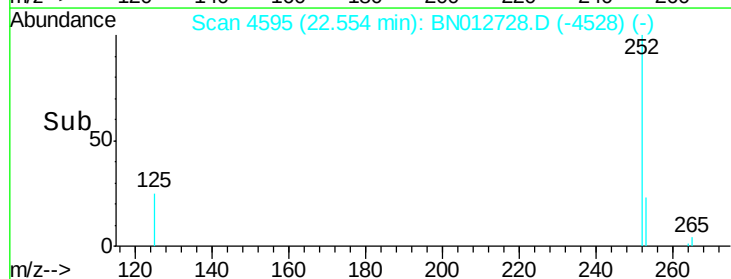
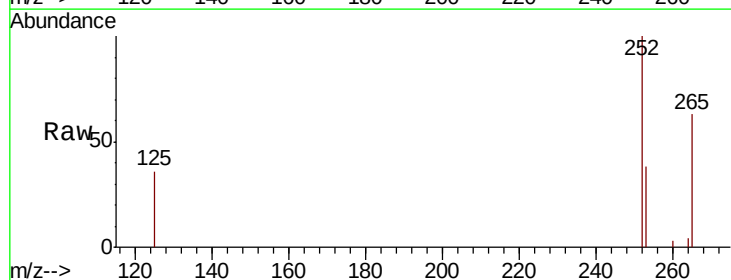
Tgt Ion:252 Resp: 3686

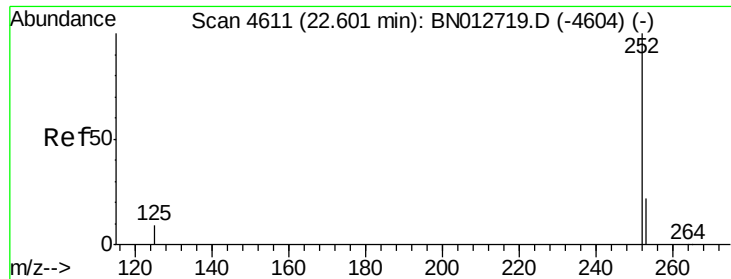
Ion Ratio Lower Upper

252 100

253 38.0 0.0 58.4

125 35.8 0.0 28.6#





#22

Benzo(k)fluoranthene

Concen: 0.077 ng/ul m

RT: 22.59 min Scan# 4606

Delta R.T. -0.01 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Instrument :

BNA_N

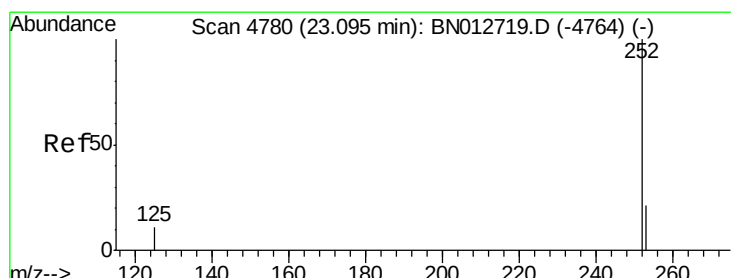
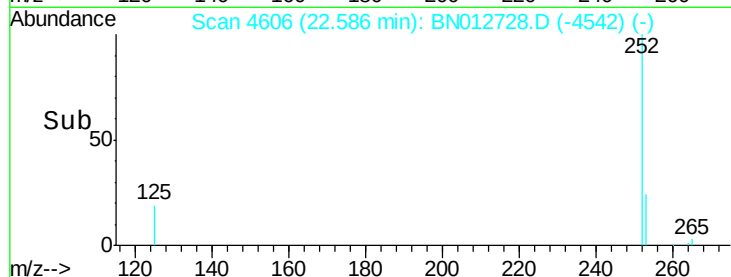
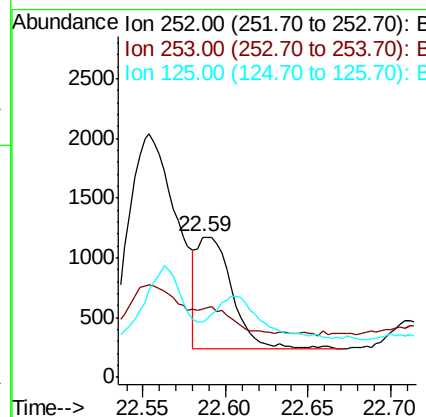
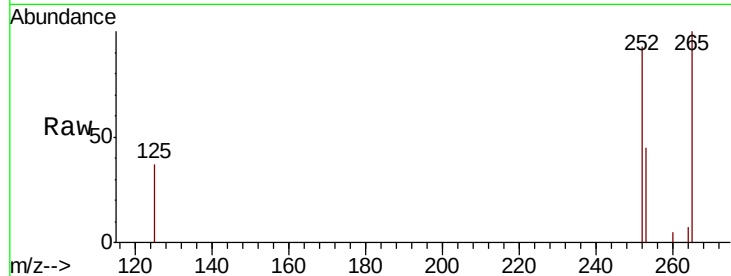
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	48.3	23.4	35.2#
125	39.6	10.2	15.2#

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#23

Benzo(a)pyrene

Concen: 0.158 ng/ul

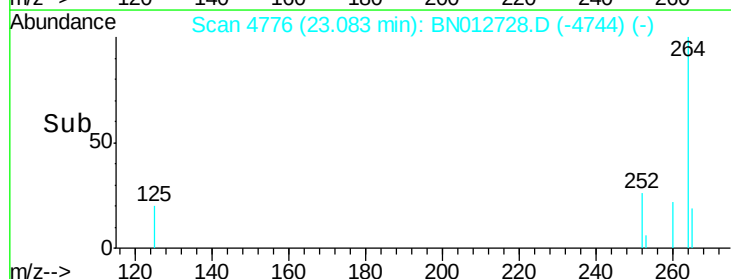
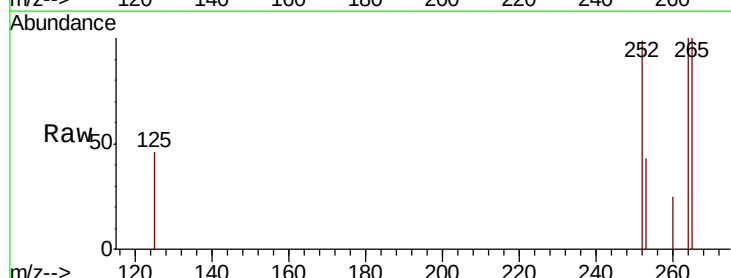
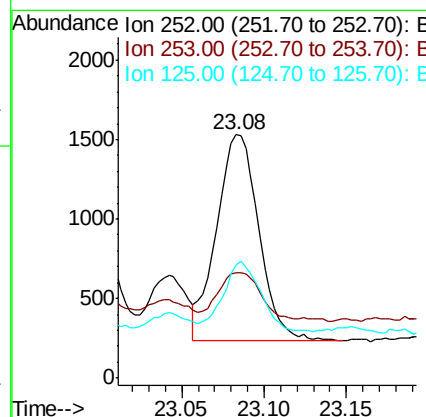
RT: 23.08 min Scan# 4776

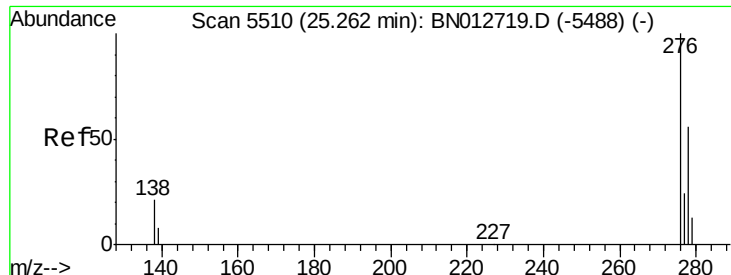
Delta R.T. -0.01 min

Lab File: BN012728.D

Acq: 24 Nov 2020 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.1	27.6	41.4#
125	46.2	17.0	25.4#





#24

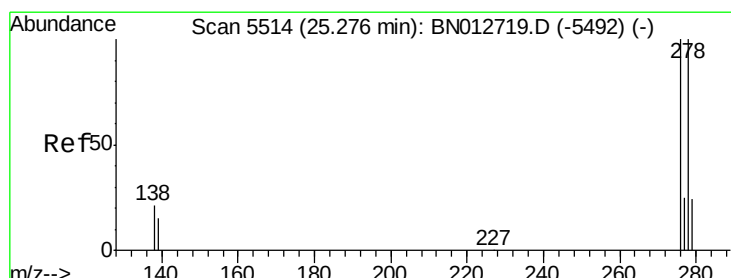
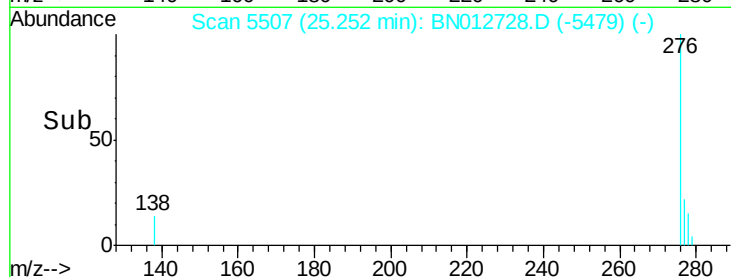
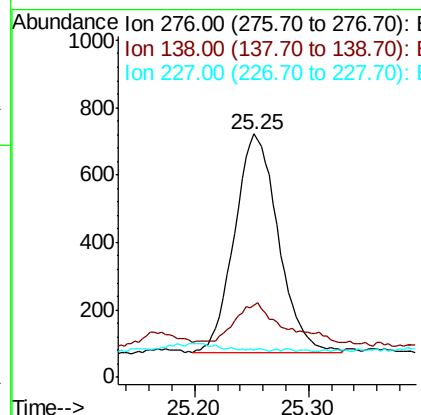
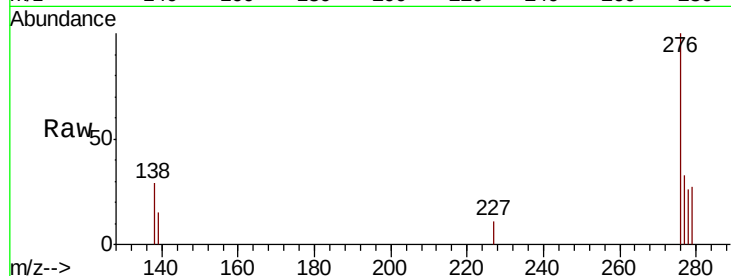
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul
RT: 25.25 min Scan# 5507
Delta R.T. -0.01 min
Lab File: BN012728.D
Acq: 24 Nov 2020 22:15

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	16.5	24.7
227	0.3	0.1	0.1#

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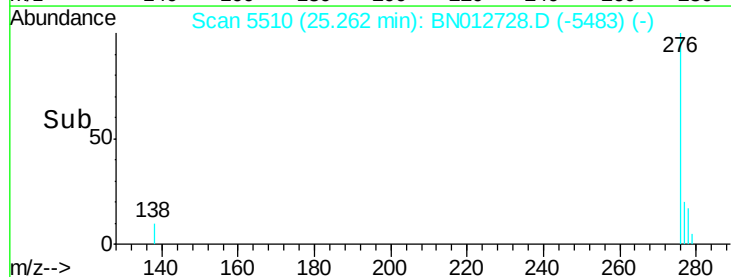
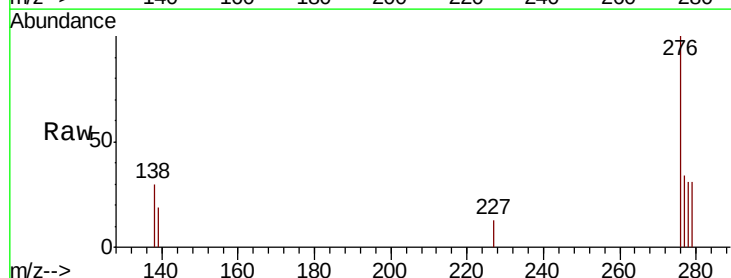
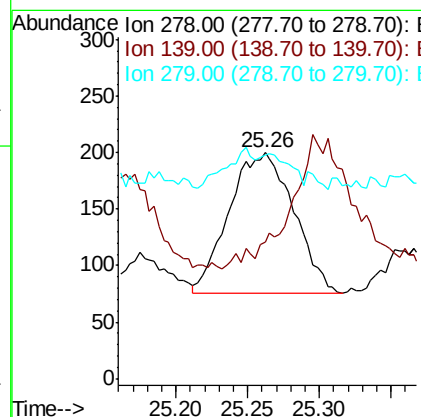
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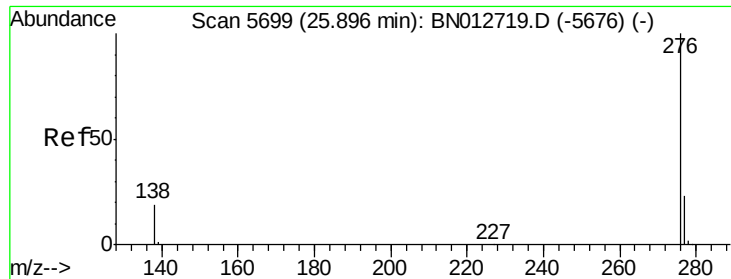


#25

Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.01 min
Lab File: BN012728.D
Acq: 24 Nov 2020 22:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	60.5	13.8	20.8#
279	99.0	25.6	38.4#





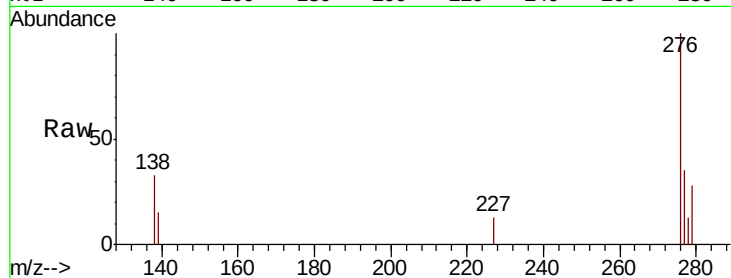
#26
 Benzo(a,h,i)perylene
 Concen: 0.095 ng/ul
 RT: 25.89 min Scan# 5697
 Delta R.T. 0.00 min
 Lab File: BN012728.D
 Acq: 24 Nov 2020 22:15

Instrument :
 BNA_N
 ClientSampleId :
 C0BF9

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	16.3	24.5#
277	35.5	21.8	32.8#

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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

