

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
 Data File : BM025128.D
 Acq On : 28 Feb 2020 10:16
 Operator : CG/JU
 Sample : L1506-22DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD00DL

Manual Integrations
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 3/3/2020 8:38:29 AM

Quant Time: Feb 28 11:02:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2994	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.46	136	11057	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.32	164	6716	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	15340	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	16048	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	17490	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	2342	0.11	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	6114	0.12	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.03	152	1022	0.026	ng/ul#	86
12) Phenanthrene	17.10	178	1797m	0.033	ng/ul	
13) Anthracene	17.19	178	3255	0.062	ng/ul	99
15) Fluoranthene	19.11	202	27363	0.349	ng/ul	95
17) Pyrene	19.48	202	64599	0.893	ng/ul	95
18) Benzo(a)anthracene	21.22	228	32043	0.462	ng/ul	99
19) Chrysene	21.28	228	41765	0.605	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	49082m	0.716	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	23335m	0.344	ng/ul	
23) Benzo(a)pyrene	23.34	252	20679m	0.330	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	13253	0.169	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.64	278	3985	0.060	ng/ul#	68
26) Benzo(g,h,i)perylene	26.29	276	8063	0.122	ng/ul#	94

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

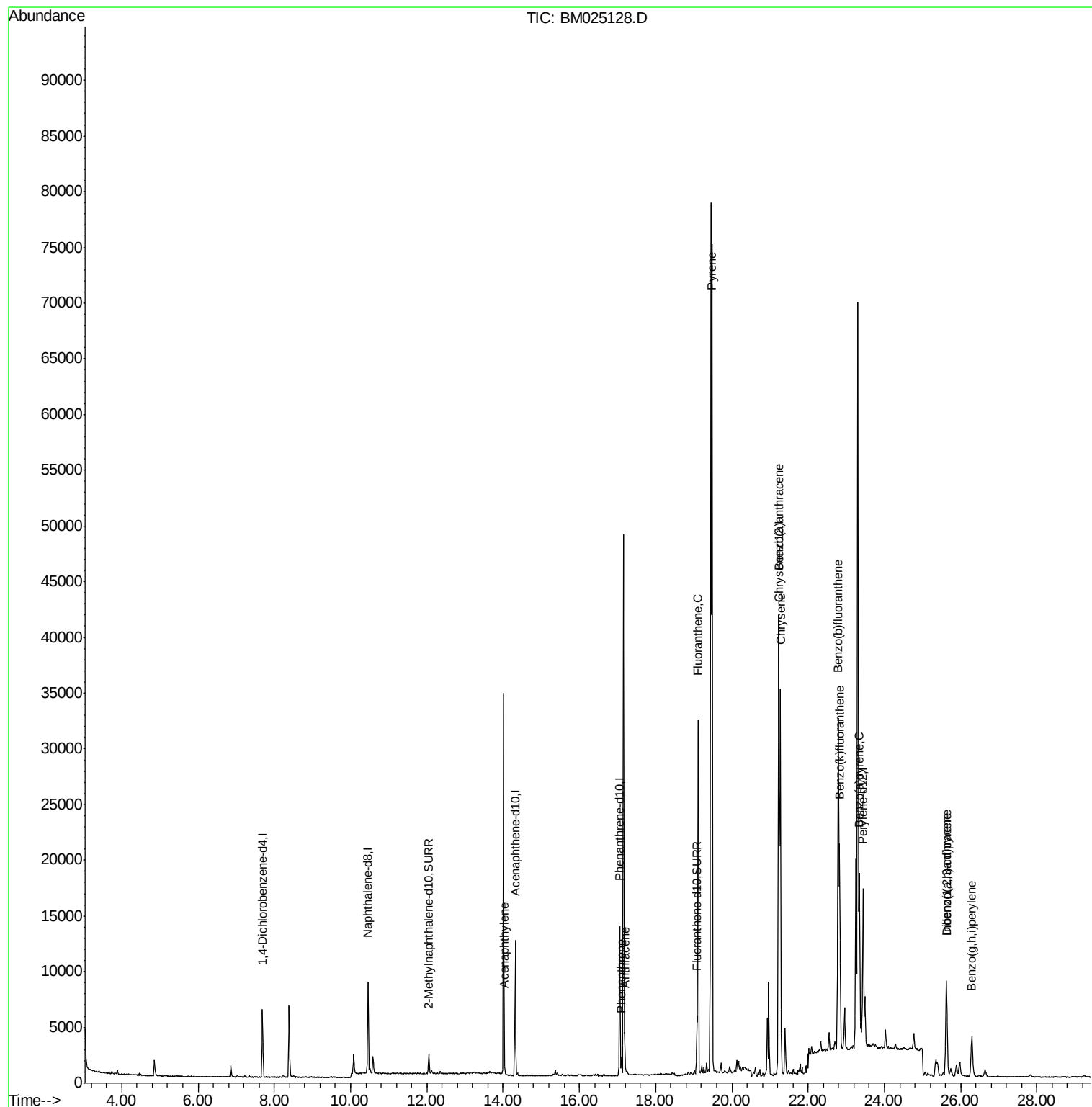
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
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ALS Vial : 3 Sample Multiplier: 1

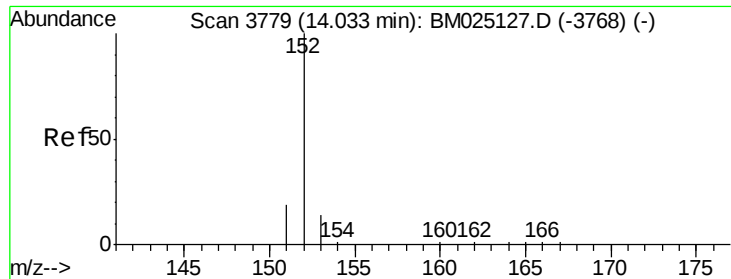
Instrument :
BNA_M
ClientSampleId :
DBD00DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.03 min Scan# 3779

Delta R.T. -0.01 min

Lab File: BM025128.D

Acq: 28 Feb 2020 10:16

Instrument :

BNA_M

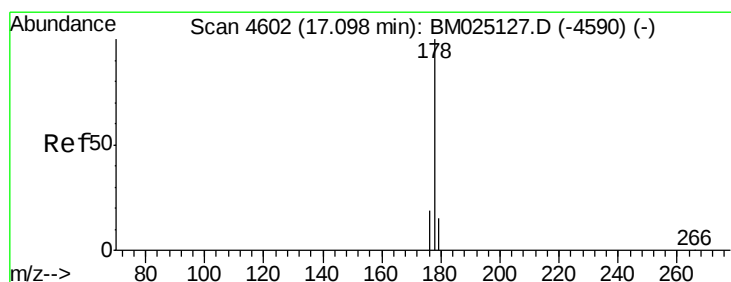
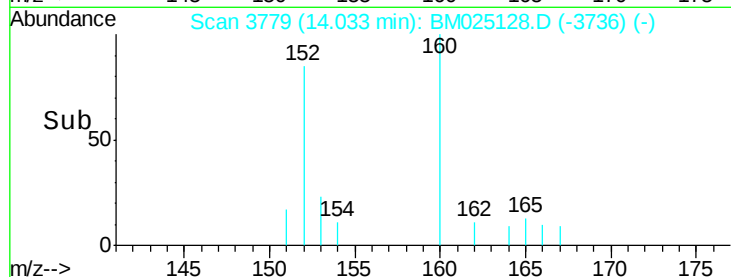
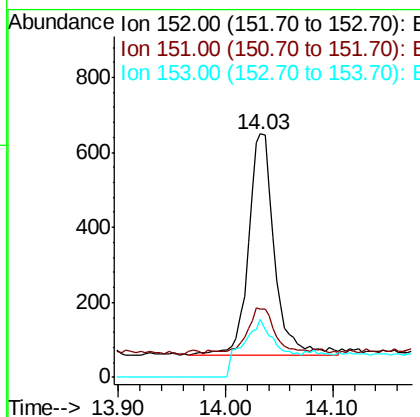
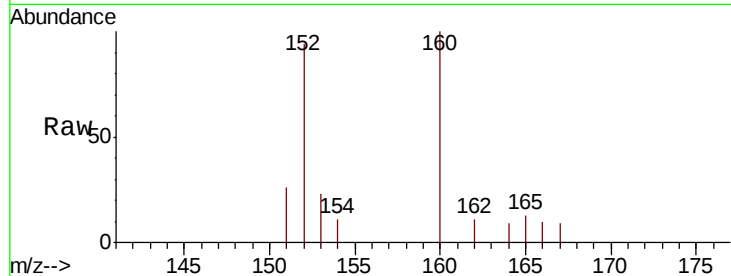
ClientSampleId :

DBD00DL

Tot Ion:	152	Resp:	1022
Ion Ratio	Lower	Upper	
152	100		
151	28.0	17.8	26.8#
153	24.0	13.3	19.9#

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#12

Phenanthrene

Concen: 0.033 ng/ul m

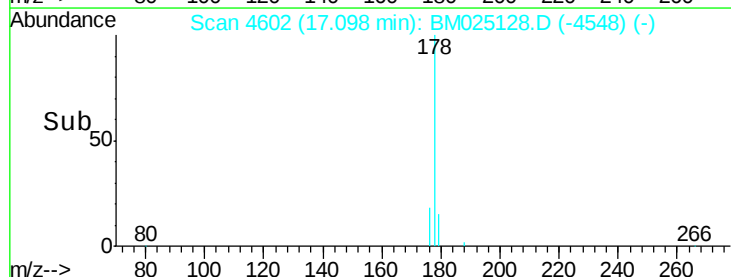
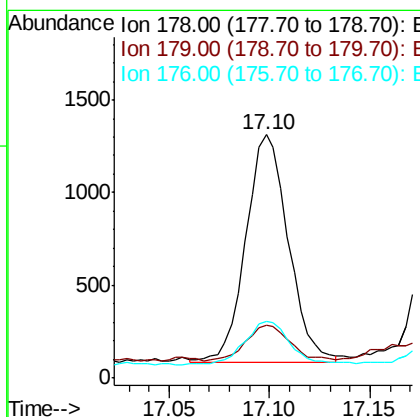
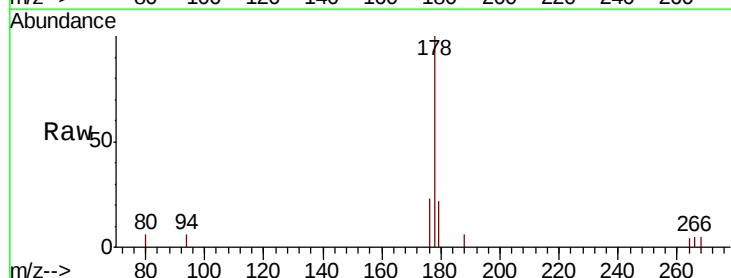
RT: 17.10 min Scan# 4602

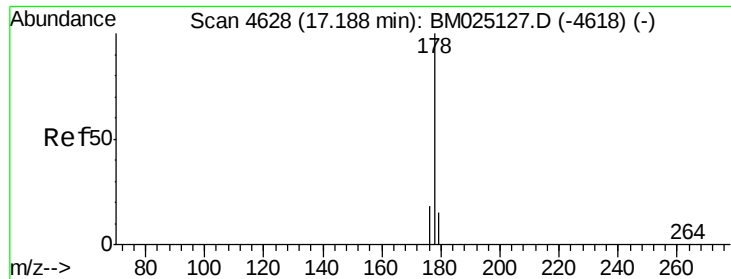
Delta R.T. -0.01 min

Lab File: BM025128.D

Acq: 28 Feb 2020 10:16

Tgt Ion:	178	Resp:	1797
Ion Ratio	Lower	Upper	
178	100		
179	21.6	14.0	21.0#
176	23.2	16.6	24.8





#13

Anthracene

Concen: 0.062 ng/ul

RT: 17.19 min Scan# 4628

Delta R.T. -0.01 min

Lab File: BM025128.D

Acq: 28 Feb 2020 10:16

Instrument :

BNA_M

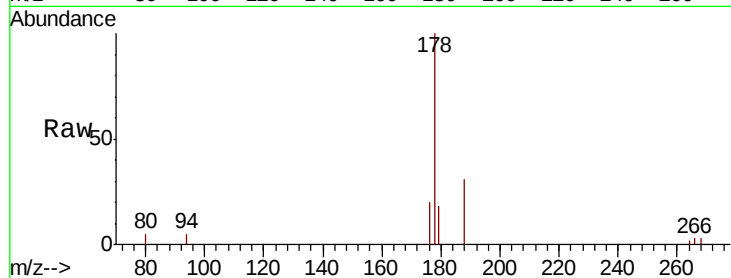
ClientSampleId :

DBD00DL

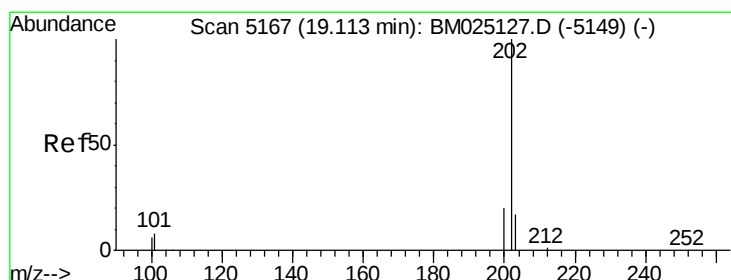
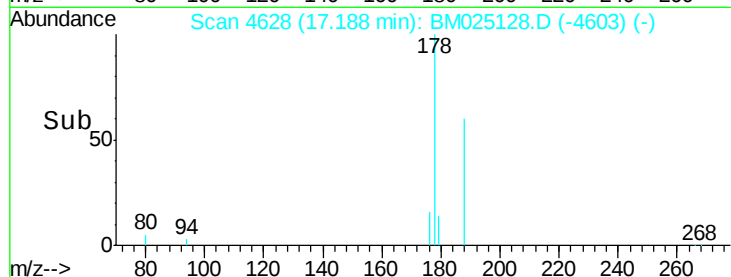
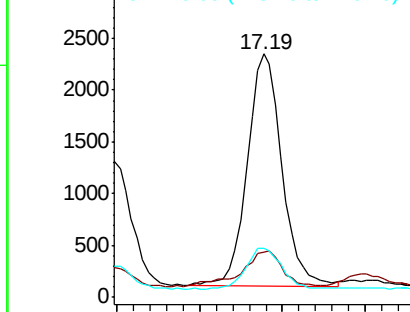
Tot Ion:	178	Resp:	3255
Ion Ratio	Lower	Upper	
178	100		
179	18.5	14.1	21.1
176	20.1	16.2	24.4

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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



#15

Fluoranthene

Concen: 0.349 ng/ul

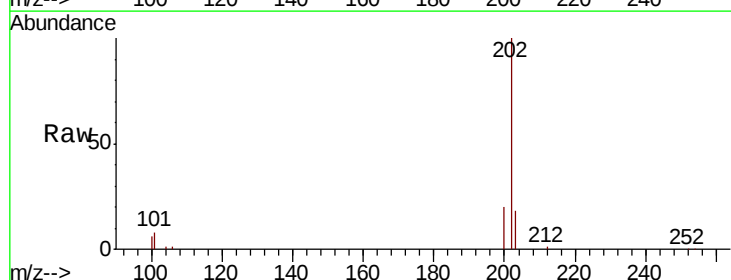
RT: 19.11 min Scan# 5167

Delta R.T. -0.01 min

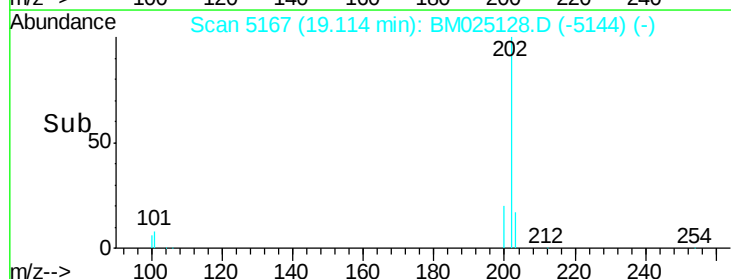
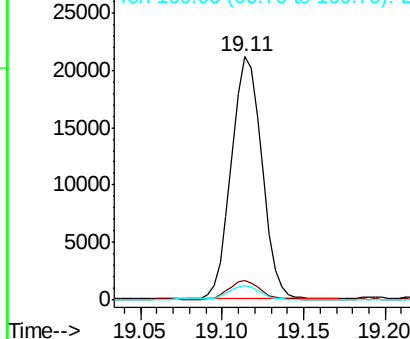
Lab File: BM025128.D

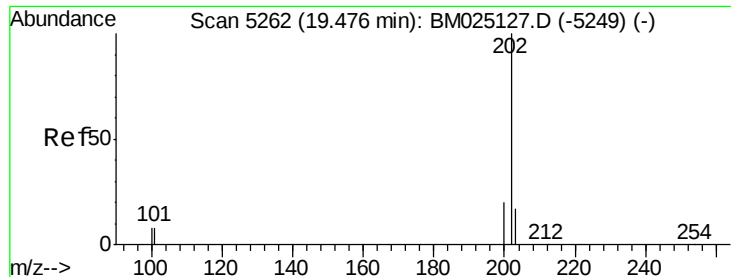
Acq: 28 Feb 2020 10:16

Tgt Ion:	202	Resp:	27363
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	29.4
100	6.0	0.0	28.0



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): B





#17

Pvrene

Concen: 0.893 ng/ul

RT: 19.48 min Scan# 5262

Delta R.T. -0.01 min

Lab File: BM025128.D

Acq: 28 Feb 2020 10:16

Instrument :

BNA_M

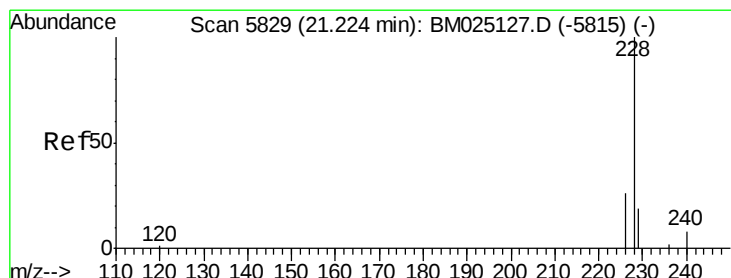
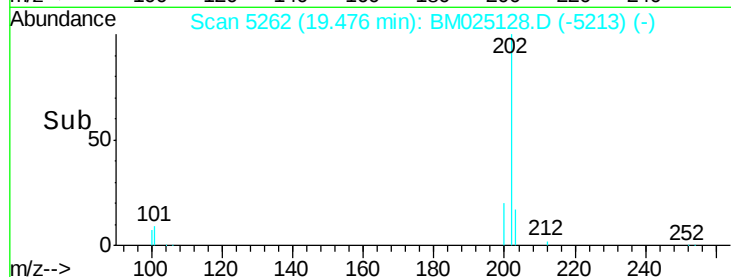
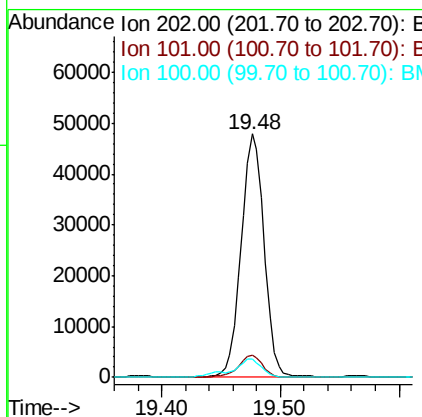
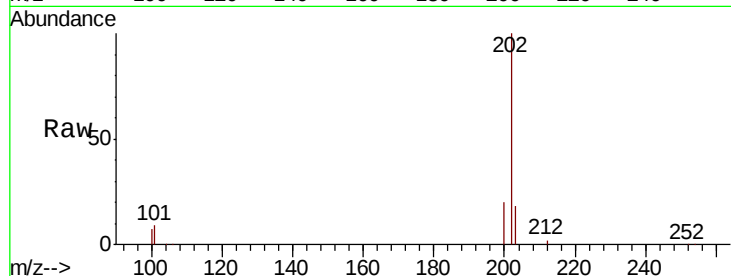
ClientSampleId :

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Tot Ion:	202	Resp:	64599
Ion Ratio	Lower	Upper	
202	100		
101	9.1	8.7	13.1
100	7.5	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 0.462 ng/ul

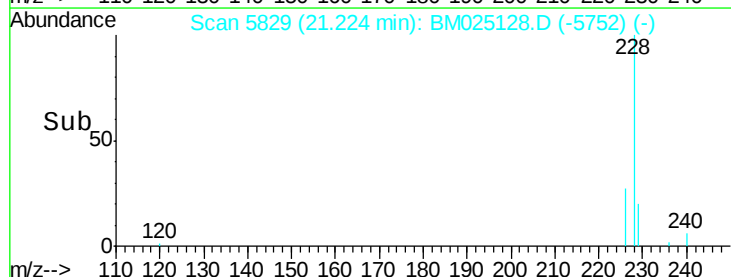
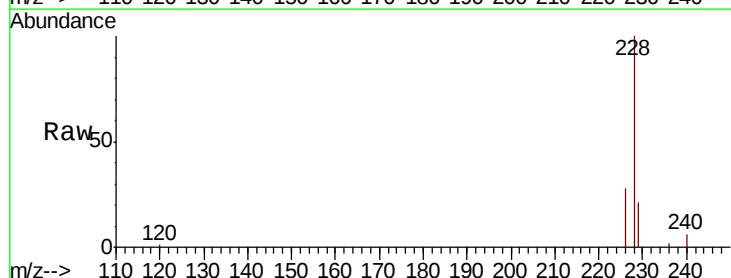
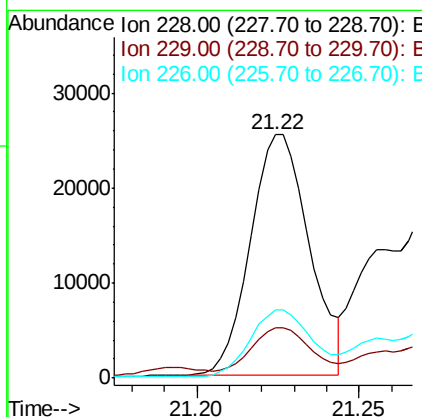
RT: 21.22 min Scan# 5829

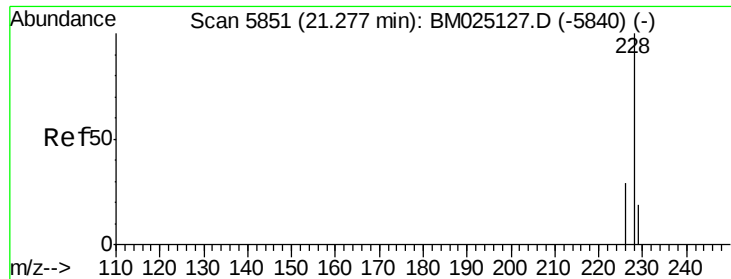
Delta R.T. -0.01 min

Lab File: BM025128.D

Acq: 28 Feb 2020 10:16

Tgt Ion:	228	Resp:	32043
Ion Ratio	Lower	Upper	
228	100		
229	20.6	16.6	25.0
226	27.8	21.9	32.9





#19

Chrysene

Concen: 0.605 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.01 min

Lab File: BM025128.D

Acq: 28 Feb 2020 10:16

Instrument :

BNA_M

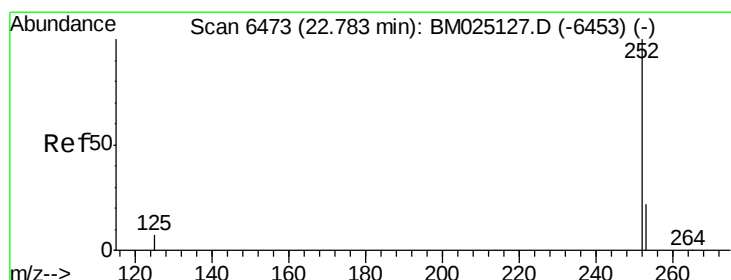
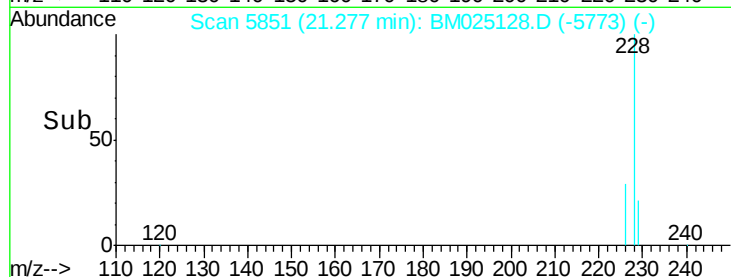
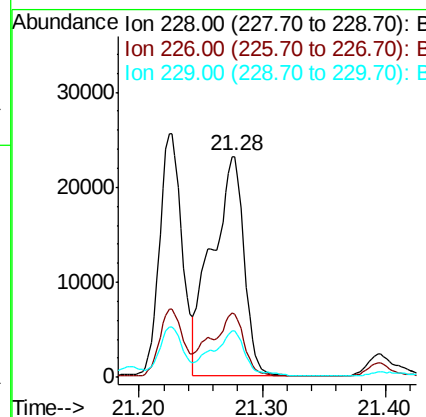
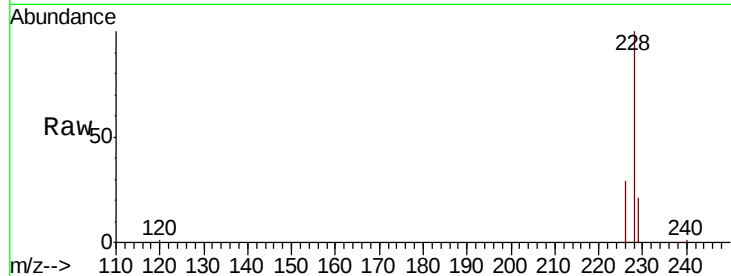
ClientSampleId :

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Tot Ion:228	Resp:	41765
Ion Ratio	Lower	Upper
228 100		
226 28.8	23.8	35.8
229 21.0	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.716 ng/ul m

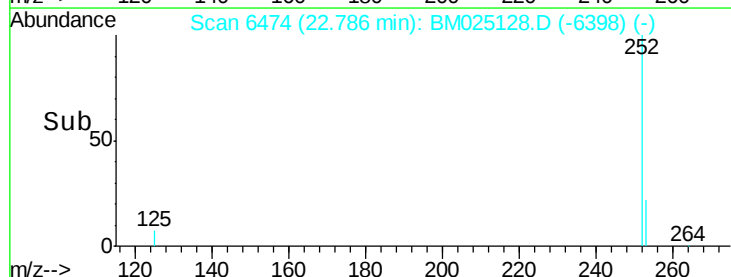
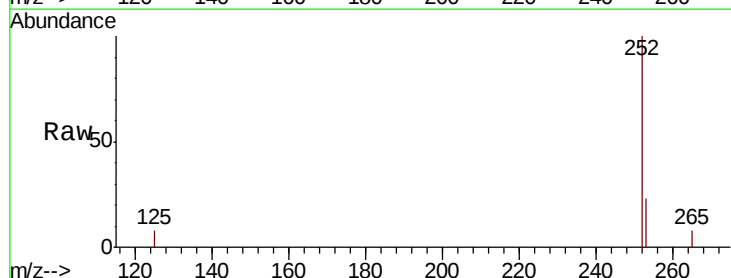
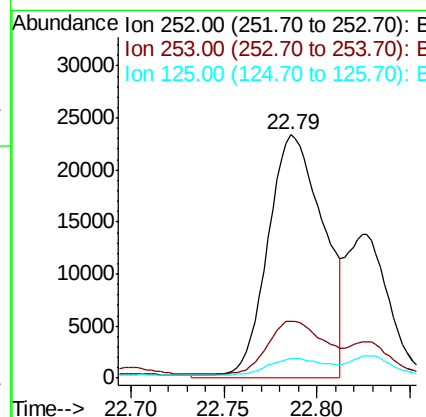
RT: 22.79 min Scan# 6474

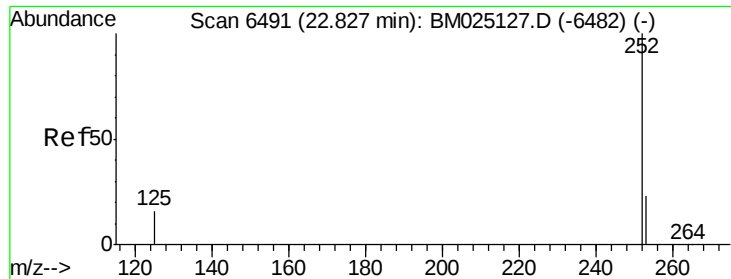
Delta R.T. -0.01 min

Lab File: BM025128.D

Acq: 28 Feb 2020 10:16

Tgt Ion:252	Resp:	49082
Ion Ratio	Lower	Upper
252 100		
253 23.5	0.0	49.8
125 8.2	0.0	28.6





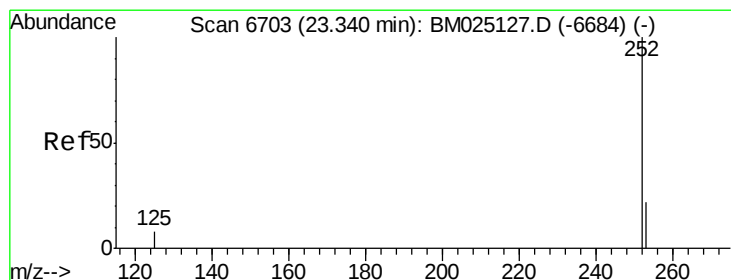
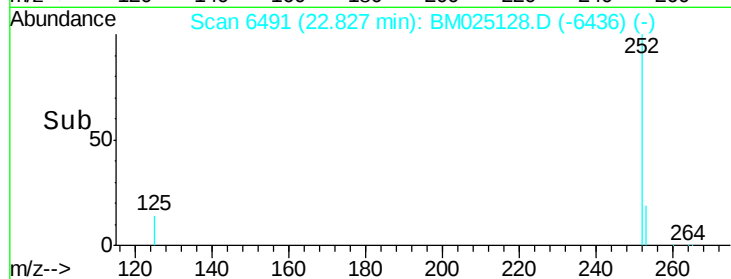
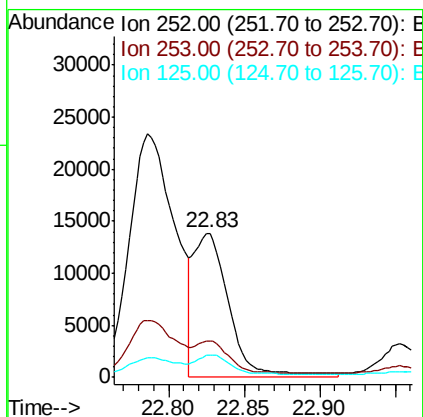
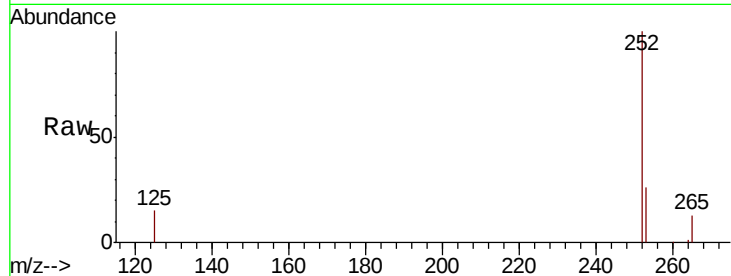
#22
Benzo(k)fluoranthene
Concen: 0.344 ng/ul m
RT: 22.83 min Scan# 6491
Delta R.T. -0.02 min
Lab File: BM025128.D
Acq: 28 Feb 2020 10:16

Instrument :
BNA_M
ClientSampleId :
DBD00DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.4	29.0
125	15.4	10.7	16.1

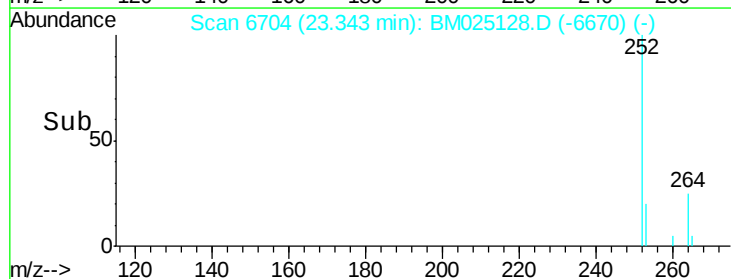
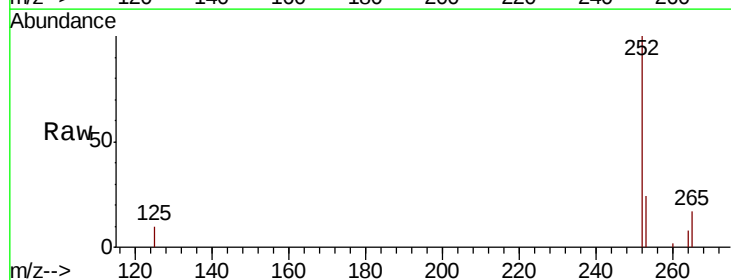
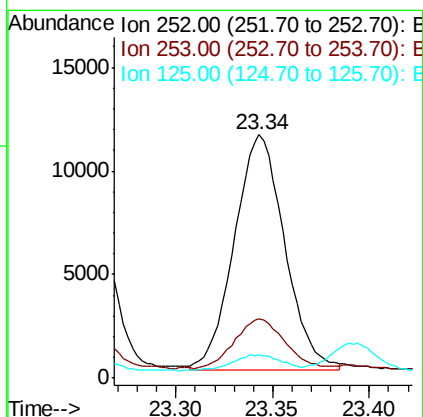
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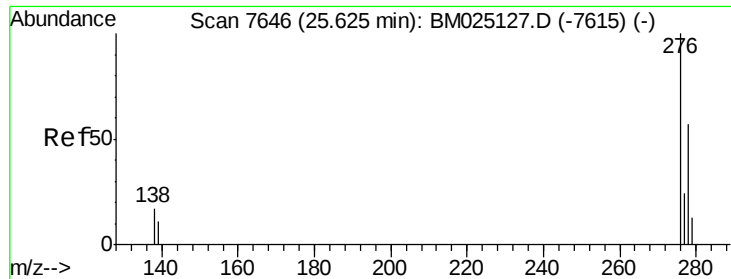
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#23
Benzo(a)pyrene
Concen: 0.330 ng/ul m
RT: 23.34 min Scan# 6704
Delta R.T. -0.02 min
Lab File: BM025128.D
Acq: 28 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.3	30.5
125	9.6	13.0	19.4





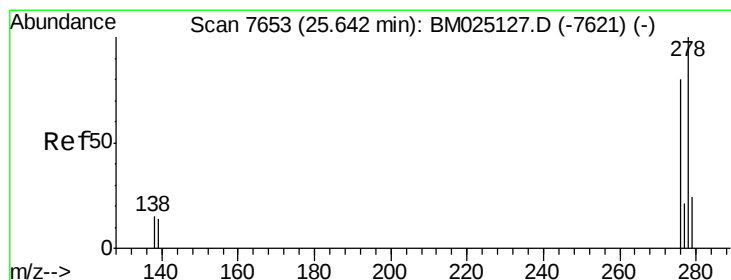
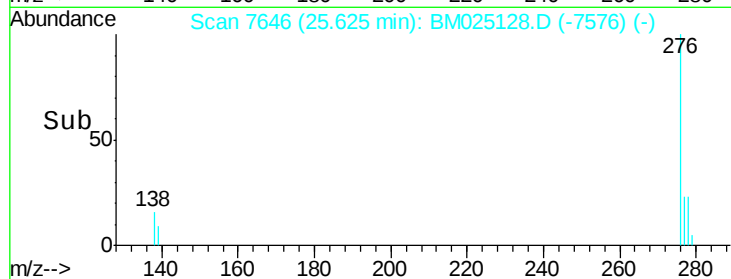
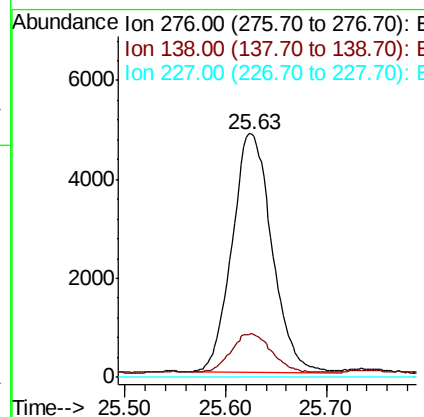
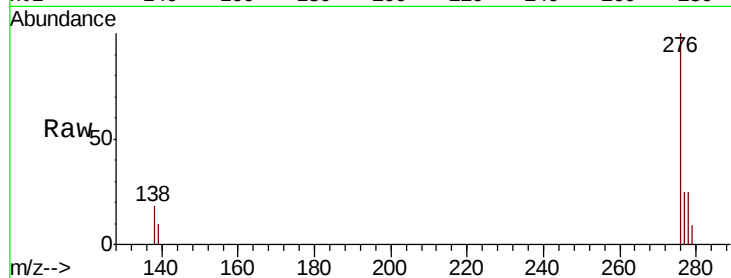
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.169 ng/uL
 RT: 25.63 min Scan# 7646
 Delta R.T. -0.03 min
 Lab File: BM025128.D
 Acq: 28 Feb 2020 10:16

Instrument :
 BNA_M
 ClientSampleID :
 DBD00DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	0.0	0.0#
227	0.0	0.0	0.0

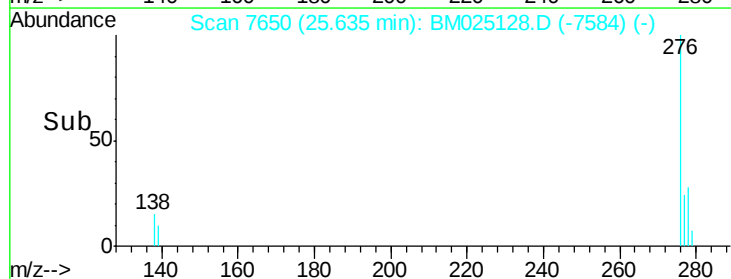
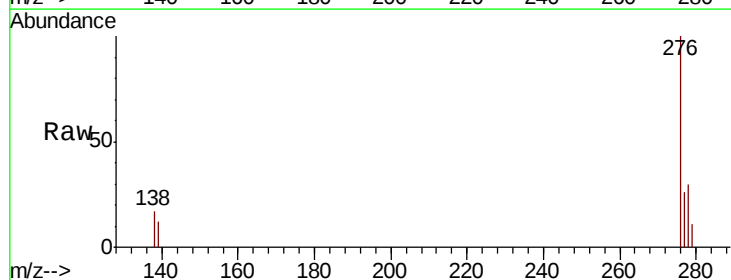
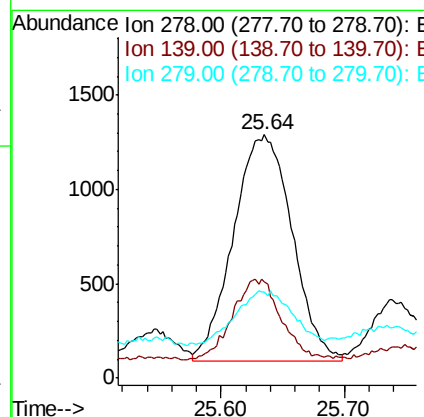
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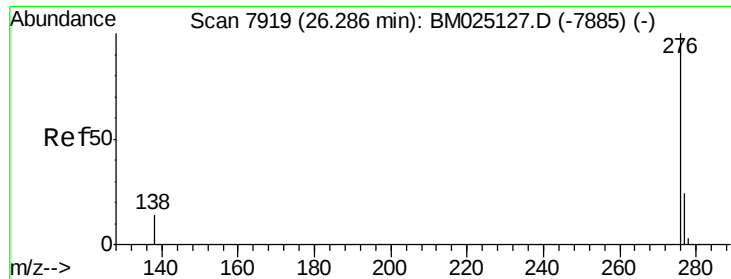
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.060 ng/uL
 RT: 25.64 min Scan# 7650
 Delta R.T. -0.04 min
 Lab File: BM025128.D
 Acq: 28 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.7	13.2	19.8#
279	35.4	21.0	31.4#





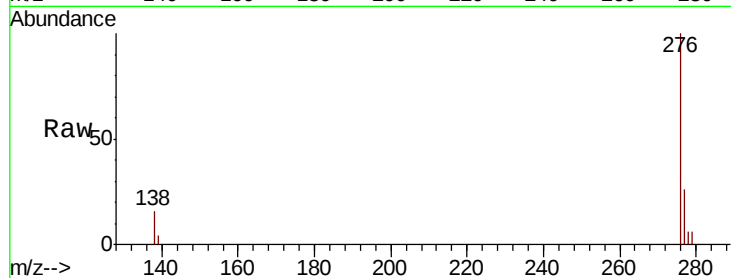
#26
 Benzo(a,h,i)perylene
 Concen: 0.122 ng/ul
 RT: 26.29 min Scan# 7919
 Delta R.T. -0.03 min
 Lab File: BM025128.D
 Acq: 28 Feb 2020 10:16

Instrument :
 BNA_M
 ClientSampleId :
 DBD00DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	17.9	26.9#
277	25.6	20.5	30.7

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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

