

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
 Data File : BN009080.D
 Acq On : 20 Dec 2019 22:49
 Operator : JU
 Sample : K6171-19DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BZ9DL

Manual Integrations
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mohammad
 12/23/2019 11:54:53 AM

Quant Time: Dec 20 23:50:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 23:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3941	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	7924	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	15395	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	8539	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	7850	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	725	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	1428	0.03	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.22	166	827	0.021	ng/ul#	95
12) Phenanthrene	16.95	178	22886	0.427	ng/ul	100
13) Anthracene	17.04	178	2898	0.060	ng/ul	95
15) Fluoranthene	18.98	202	57607	0.941	ng/ul	99
17) Pyrene	19.34	202	46638	1.071	ng/ul	99
18) Benzo(a)anthracene	21.10	228	15929	0.420	ng/ul	98
19) Chrysene	21.15	228	19661	0.516	ng/ul	98
21) Benzo(b)fluoranthene	22.62	252	23656m	0.645	ng/ul	
22) Benzo(k)fluoranthene	22.66	252	7466m	0.202	ng/ul	
23) Benzo(a)pyrene	23.16	252	14878	0.463	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.35	276	11691	0.334	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.36	278	2480	0.089	ng/ul#	73
26) Benzo(g,h,i)perylene	25.98	276	11898	0.404	ng/ul	97

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

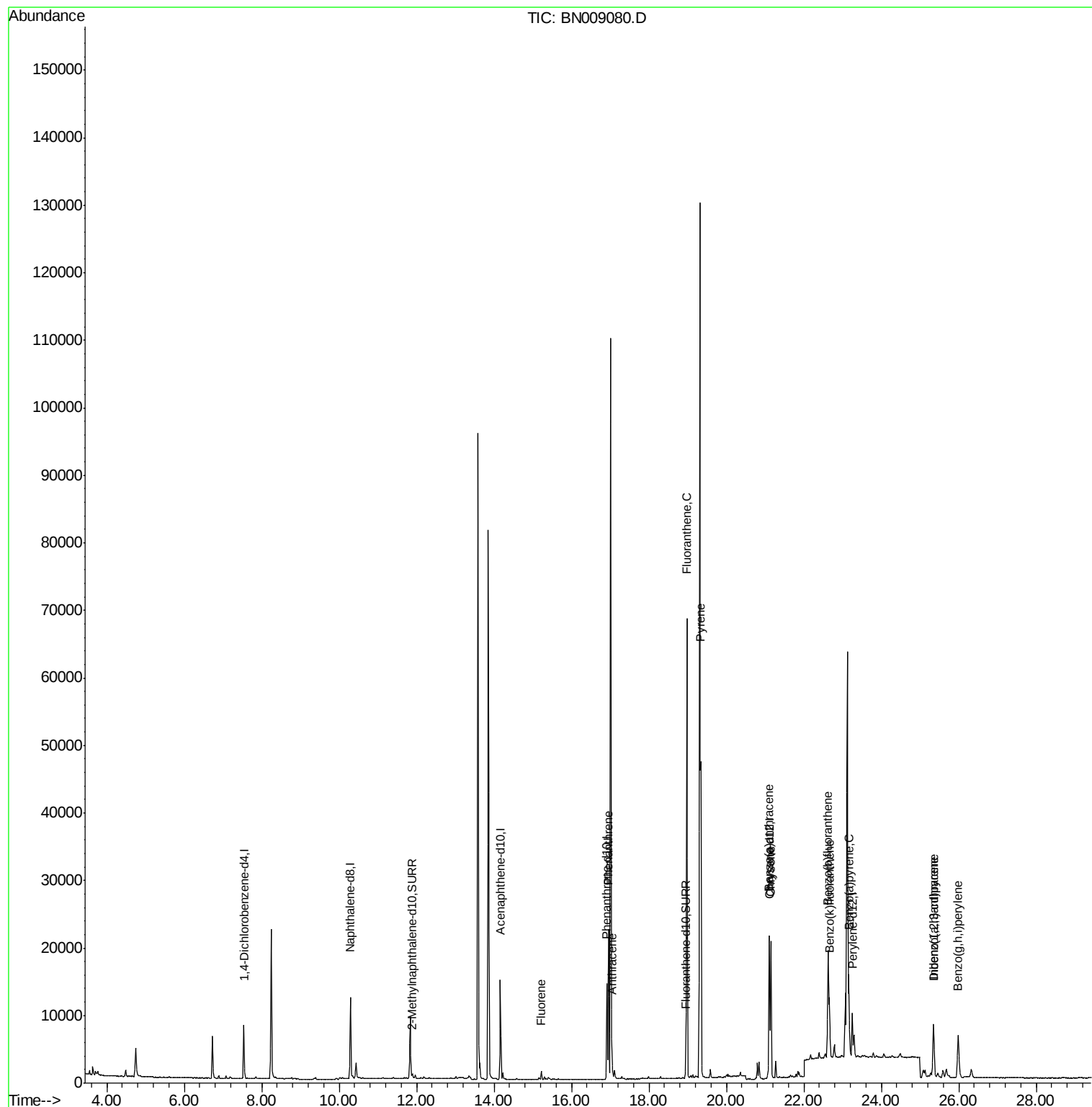
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\
Data File : BN009080.D
Acq On : 20 Dec 2019 22:49
Operator : JU
Sample : K6171-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

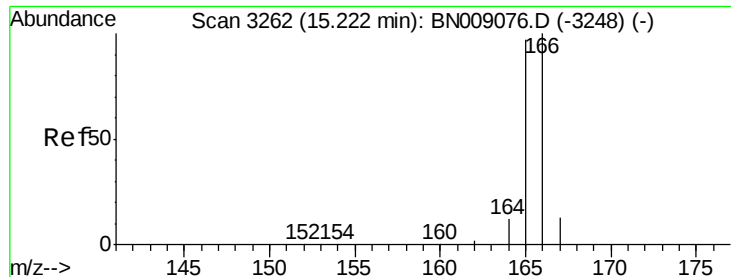
Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

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Quant Time: Dec 20 23:50:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 23:31:06 2019
Response via : Initial Calibration





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.22 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN009080.D

Acq: 20 Dec 2019 22:49

Instrument :

BNA_N

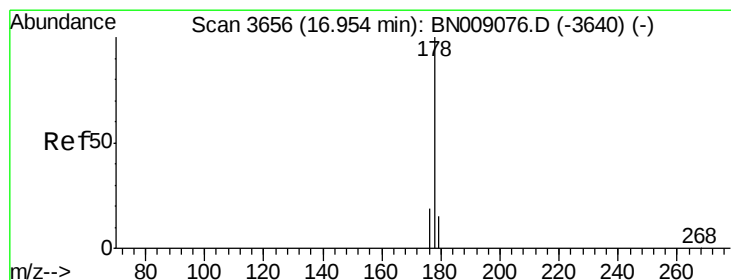
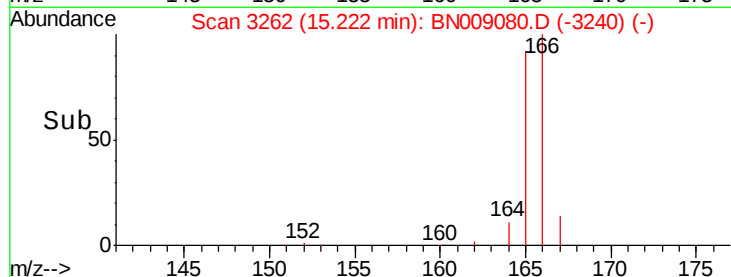
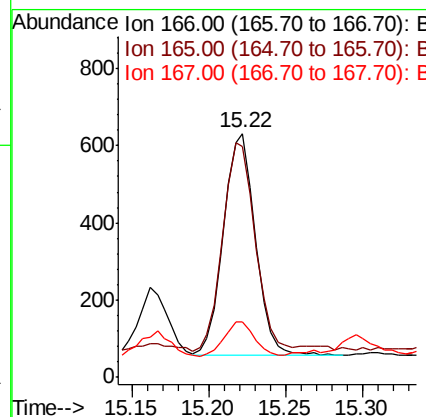
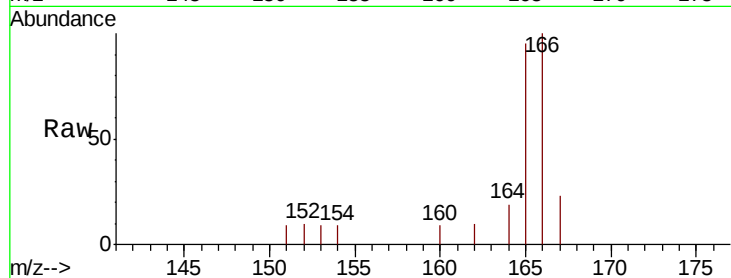
ClientSampleId :

C0BZ9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.2	117.4
167	22.5	11.0	16.6#

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#12

Phenanthrene

Concen: 0.427 ng/ul

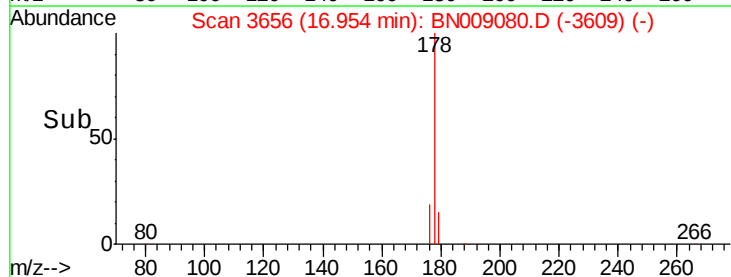
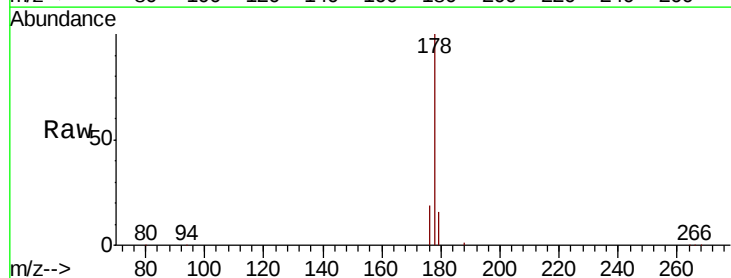
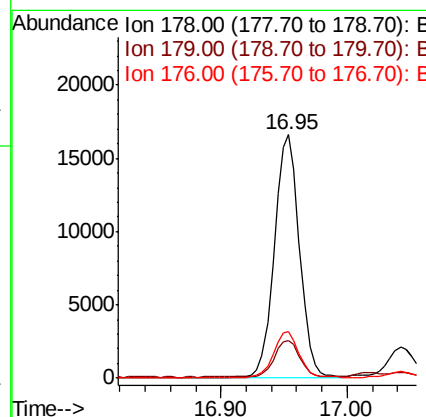
RT: 16.95 min Scan# 3656

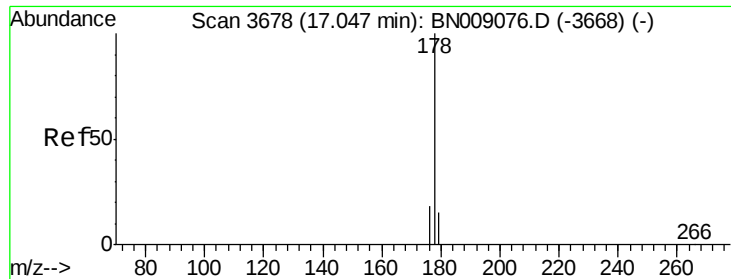
Delta R.T. 0.00 min

Lab File: BN009080.D

Acq: 20 Dec 2019 22:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.0	15.1	22.7





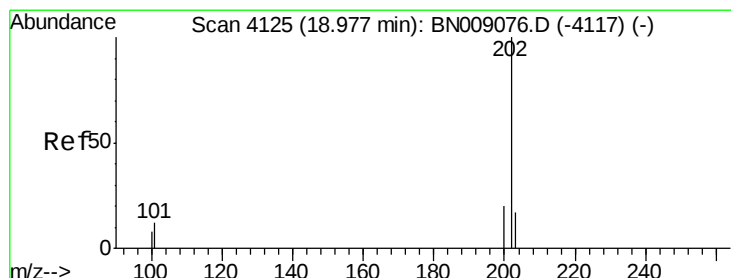
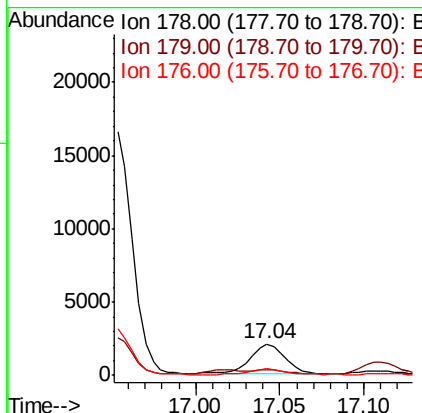
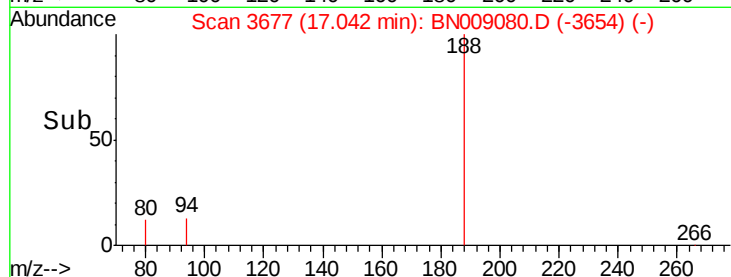
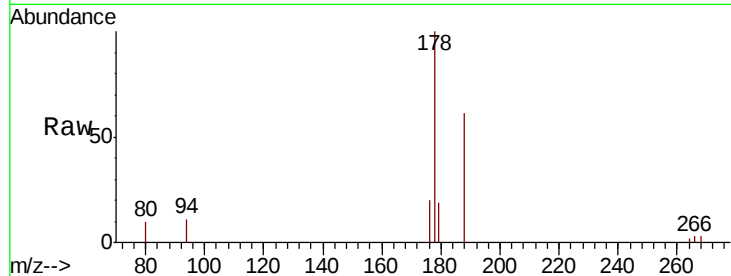
#13
 Anthracene
 Concen: 0.060 ng/ul
 RT: 17.04 min Scan# 3677
 Delta R.T. -0.00 min
 Lab File: BN009080.D
 Acq: 20 Dec 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 C0BZ9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.5	18.7
176	20.4	14.9	22.3

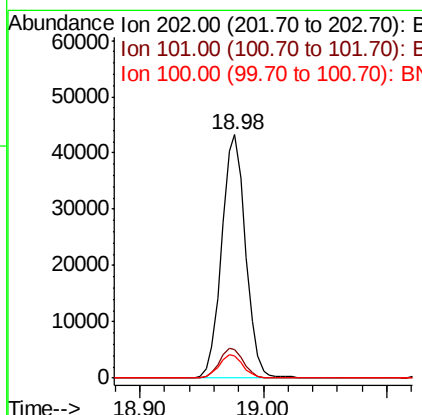
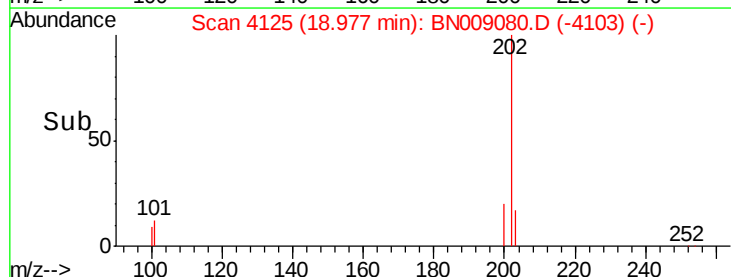
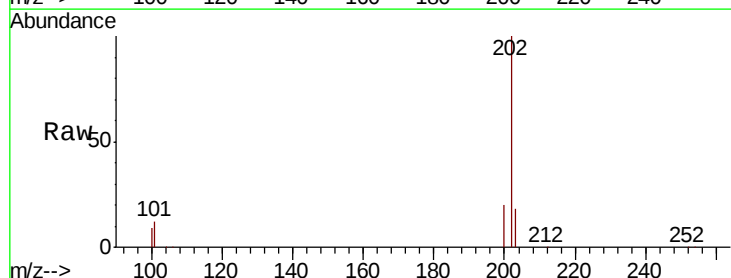
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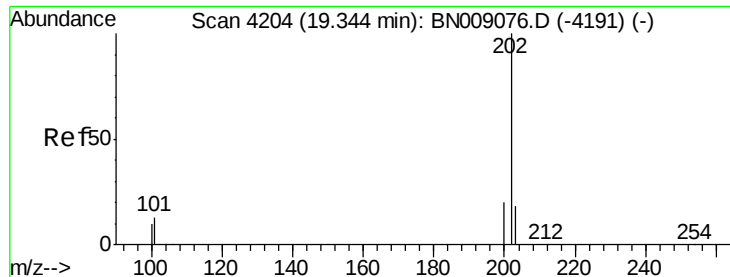
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#15
 Fluoranthene
 Concen: 0.941 ng/ul
 RT: 18.98 min Scan# 4125
 Delta R.T. 0.00 min
 Lab File: BN009080.D
 Acq: 20 Dec 2019 22:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.5
100	8.9	0.0	28.9





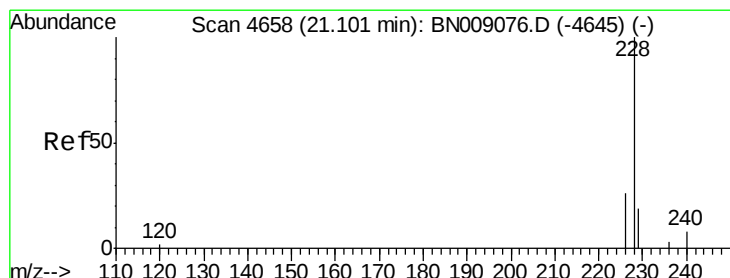
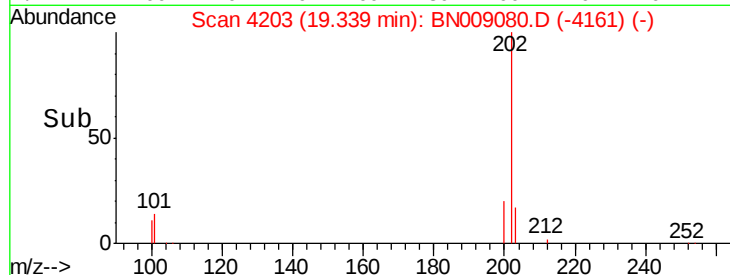
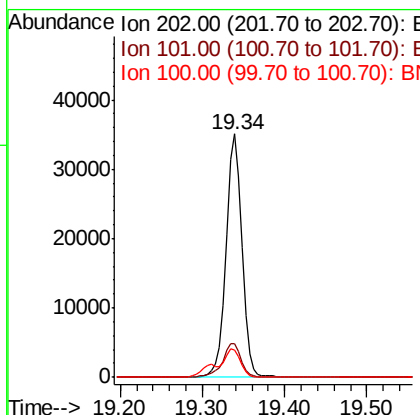
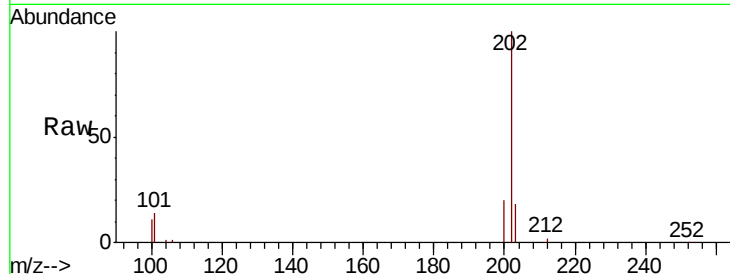
#17
Pvrene
Concen: 1.071 ng/ul
RT: 19.34 min Scan# 4203
Delta R.T. -0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	46638		
101	14.1		10.9	16.3
100	11.4		9.0	13.6

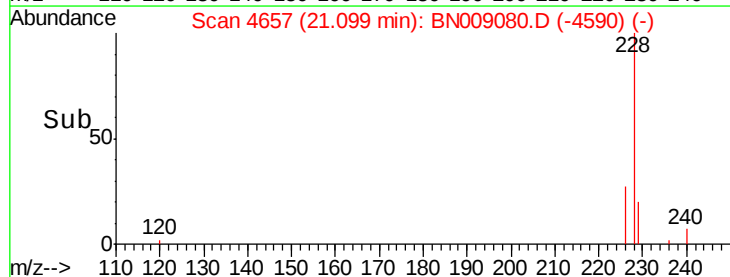
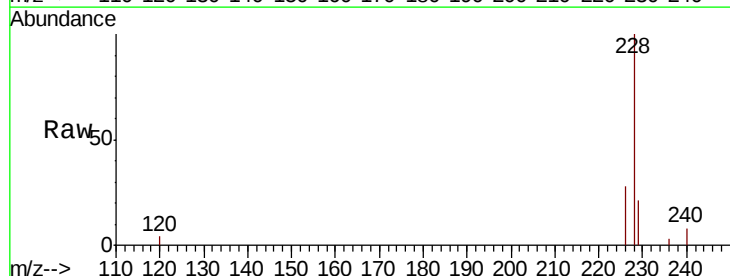
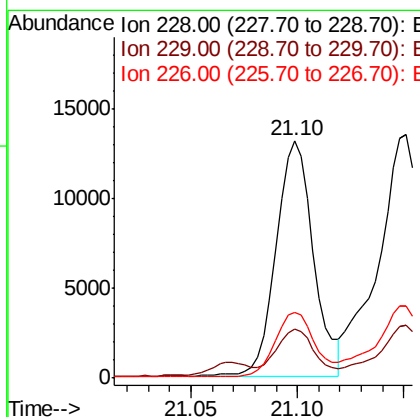
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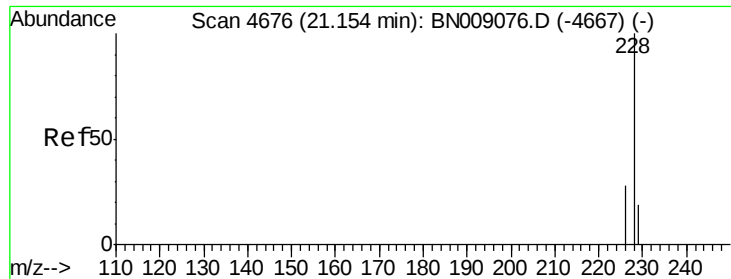
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#18
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.10 min Scan# 4657
Delta R.T. -0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	15929		
229	20.5		15.5	23.3
226	27.9		21.7	32.5





#19

Chrysene

Concen: 0.516 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.00 min

Lab File: BN009080.D

Acq: 20 Dec 2019 22:49

Instrument :

BNA_N

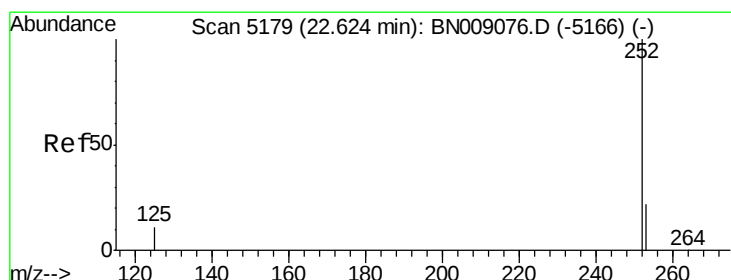
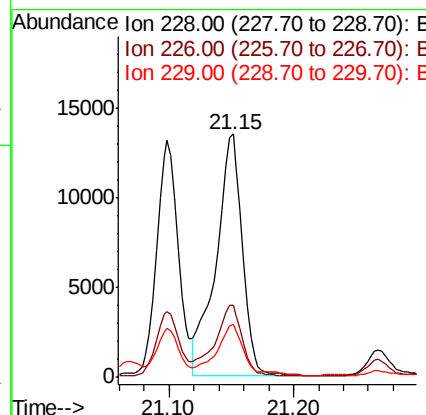
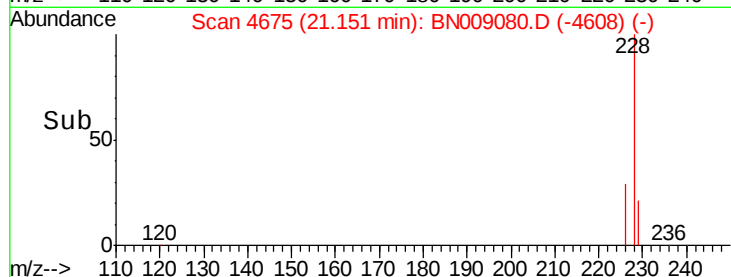
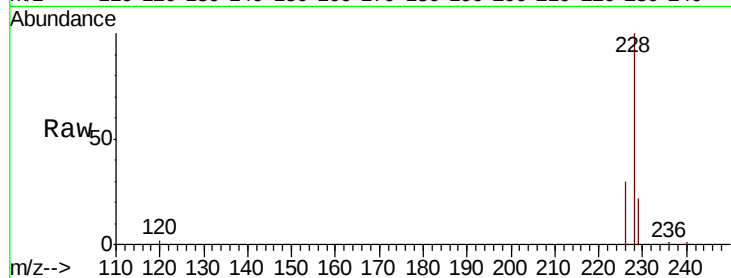
ClientSampleId :

C0BZ9DL

Tot Ion:	228	Resp:	19661
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.7	35.5
229	21.8	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 0.645 ng/ul m

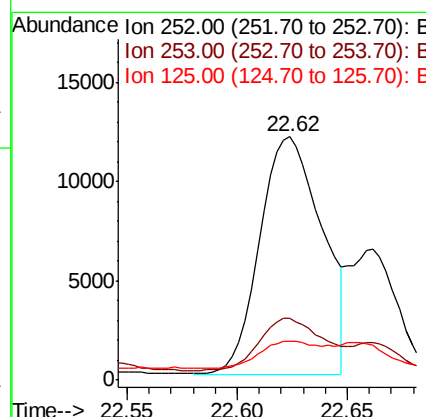
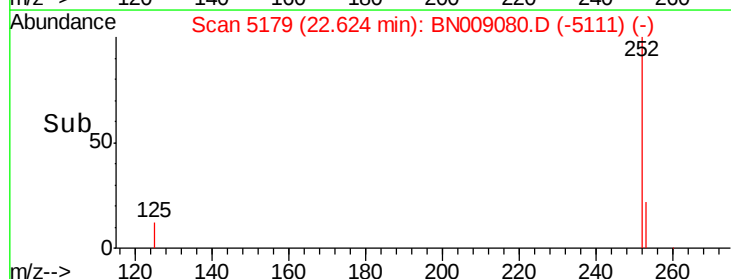
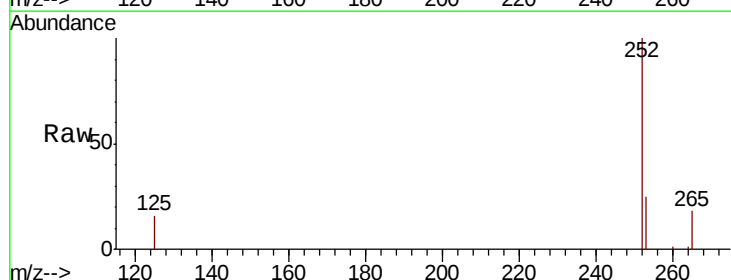
RT: 22.62 min Scan# 5179

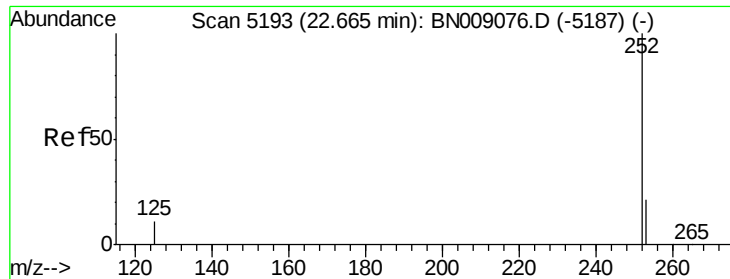
Delta R.T. 0.00 min

Lab File: BN009080.D

Acq: 20 Dec 2019 22:49

Tgt Ion:	252	Resp:	23656
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	48.2
125	16.0	0.0	30.0





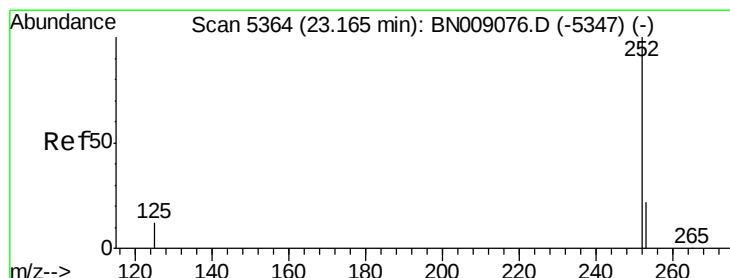
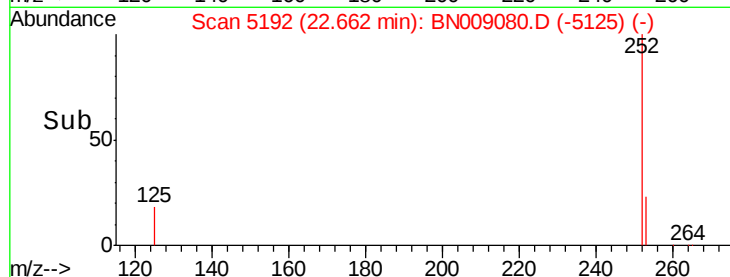
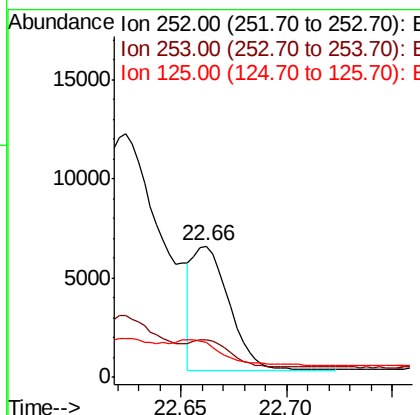
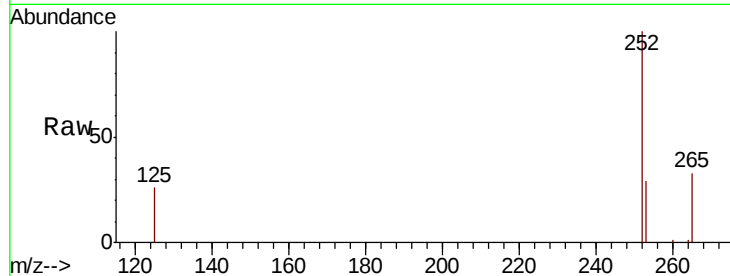
#22
Benzo(k)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.66 min Scan# 5192
Delta R.T. -0.00 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.4	29.0
125	26.3	12.4	18.6

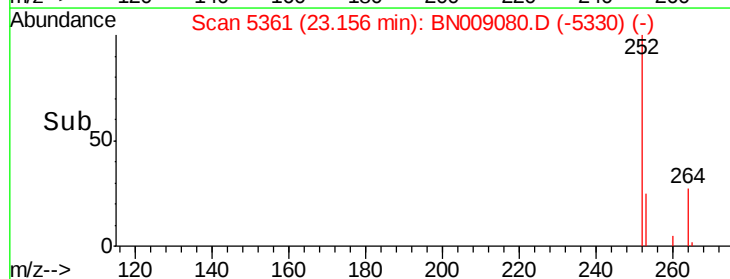
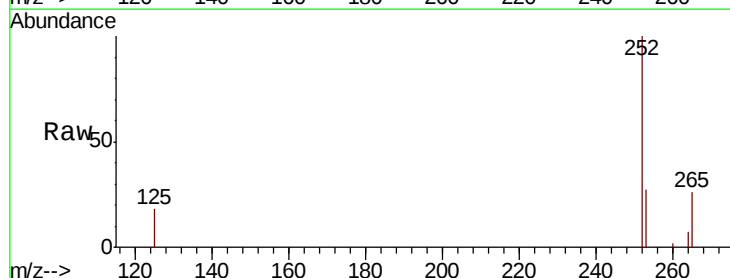
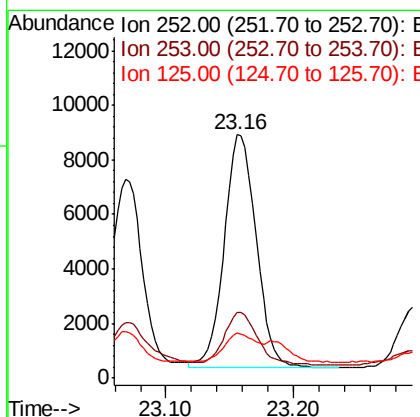
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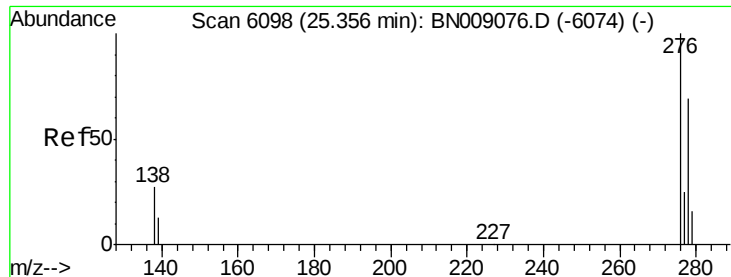
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#23
Benzo(a)pyrene
Concen: 0.463 ng/ul
RT: 23.16 min Scan# 5361
Delta R.T. -0.01 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.2	30.4
125	18.4	13.2	19.8





#24

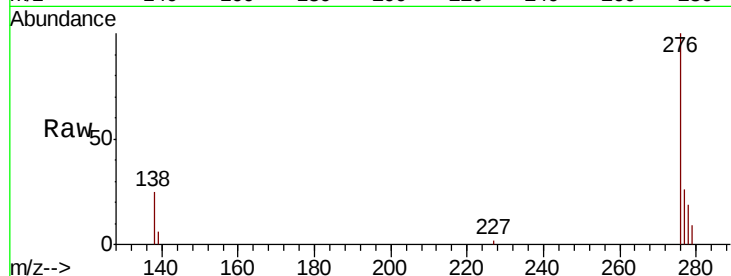
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.35 min Scan# 6095
Delta R.T. -0.01 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

Instrument :
BNA_N
ClientSampleId :
C0BZ9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.4	33.6
227	0.2	0.2	0.4

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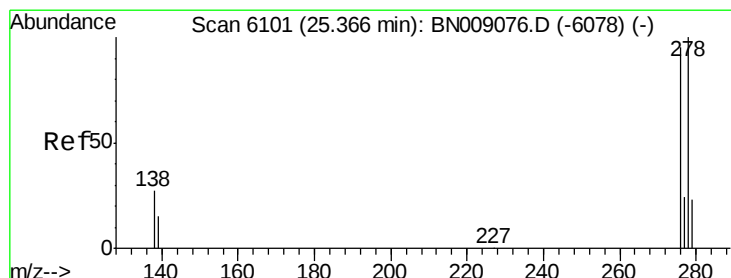
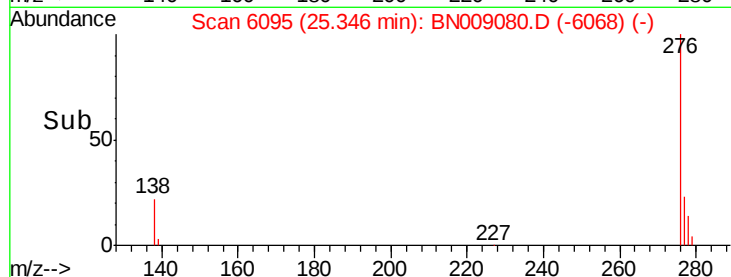
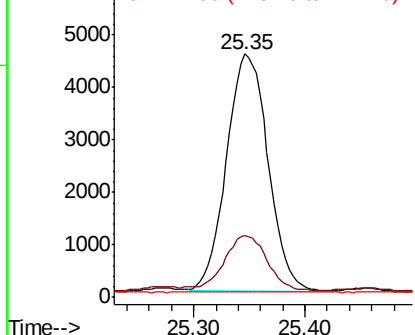


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.36 min Scan# 6098
Delta R.T. -0.01 min
Lab File: BN009080.D
Acq: 20 Dec 2019 22:49

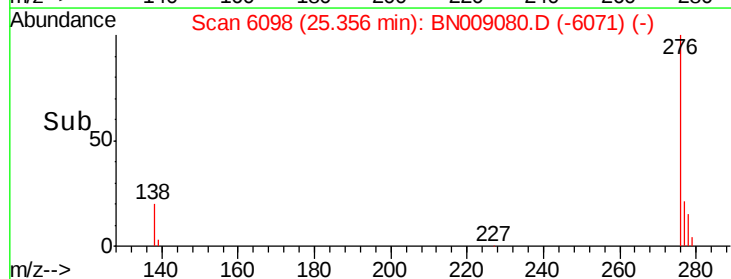
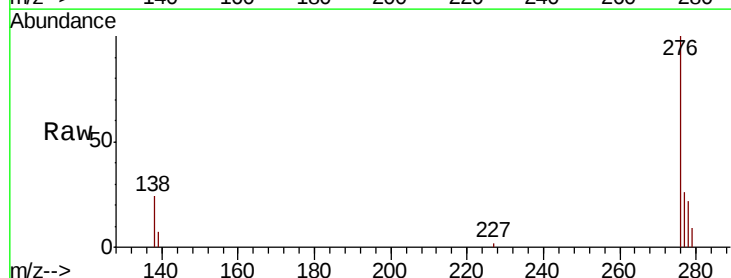
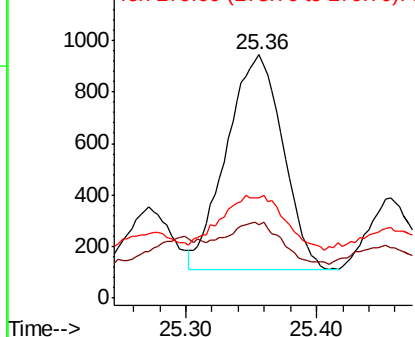
Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.4	16.2	24.2
279	41.4	20.3	30.5

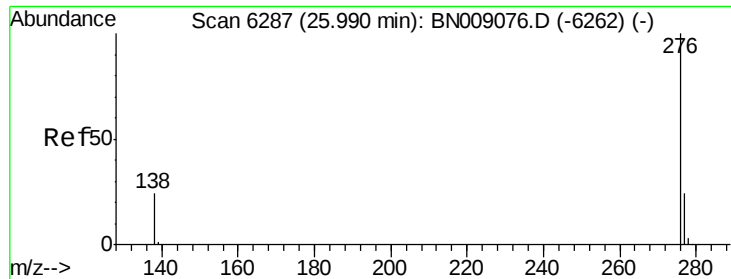
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.404 ng/ul

RT: 25.98 min Scan# 6285

Delta R.T. -0.01 min

Lab File: BN009080.D

Acq: 20 Dec 2019 22:49

Instrument :

BNA_N

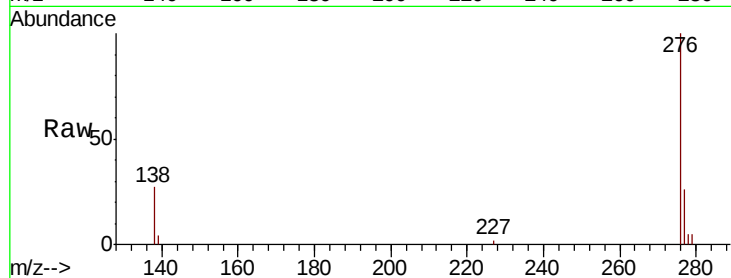
ClientSampleId :

C0BZ9DL

Tot Ion:	276	Resp:	11898
Ion Ratio	Lower	Upper	
276	100		
138	26.9	20.6	30.8
277	26.0	19.6	29.4

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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

