

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006364.D
 Acq On : 18 Jun 2019 00:28
 Operator : JU/SJ
 Sample : K3335-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41X1

Manual Integrations
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mohammad
 6/21/2019 8:22:55 AM

Quant Time: Jun 18 04:36:17 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9773	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17946m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11010m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16980	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4073	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7128m	0.15	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.35	166	935	0.021	ng/ul#	96
12) Phenanthrene	17.09	178	18270	0.317	ng/ul	98
13) Anthracene	17.18	178	4713m	0.086	ng/ul	
15) Fluoranthene	19.11	202	27985m	0.440	ng/ul	
17) Pyrene	19.48	202	21911	0.378	ng/ul	99
18) Benzo(a)anthracene	21.24	228	9521m	0.196	ng/ul	
19) Chrysene	21.30	228	9847	0.215	ng/ul	99
21) Benzo(b)fluoranthene	22.82	252	12076m	0.171	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3631m	0.053	ng/ul	
23) Benzo(a)pyrene	23.39	252	7310	0.111	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.73	276	6288	0.088	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.73	278	2316	0.041	ng/ul#	85
26) Benzo(g,h,i)perylene	26.41	276	3030	0.051	ng/ul	92

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

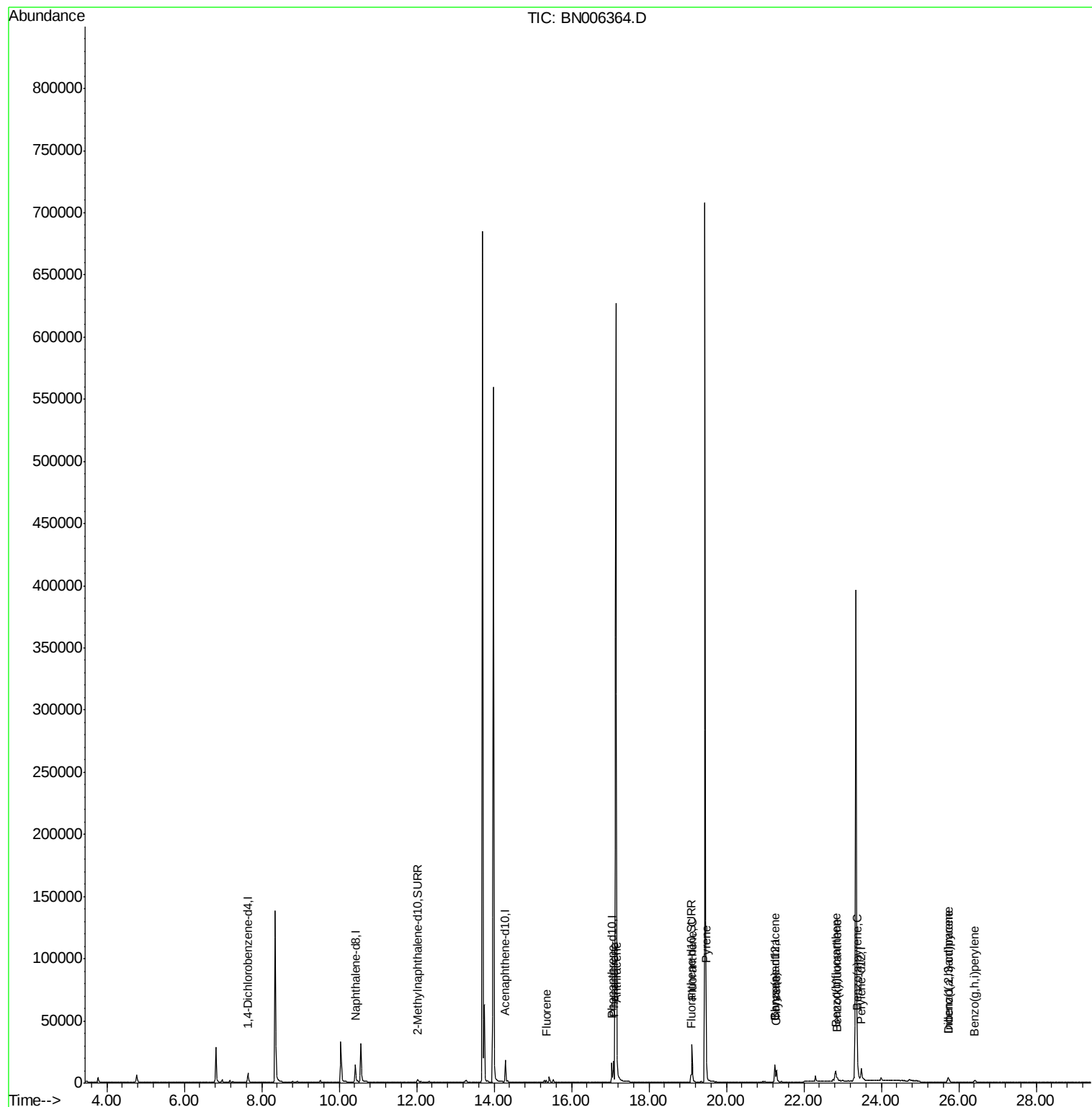
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006364.D
Acq On : 18 Jun 2019 00:28
Operator : JU/SJ
Sample : K3335-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

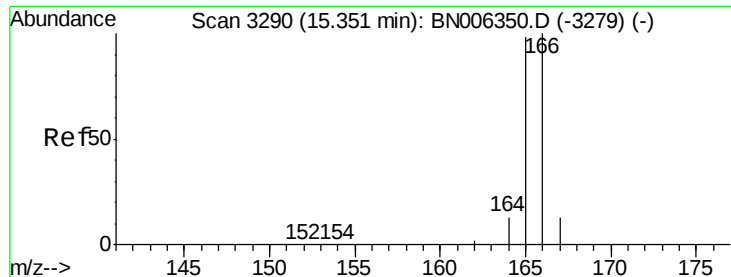
Instrument :
BNA_N
ClientSampleId :
A41X1

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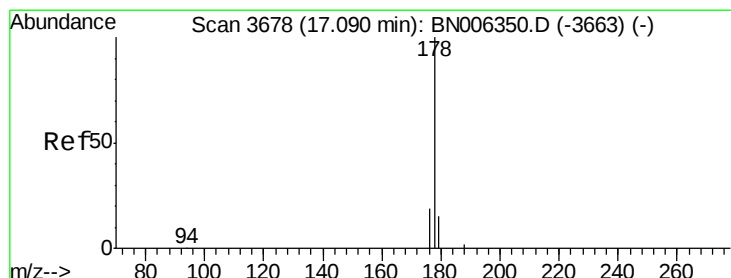
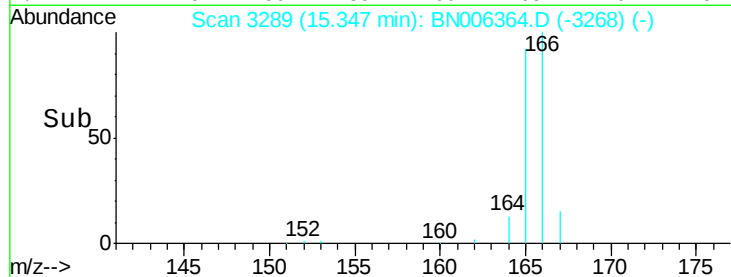
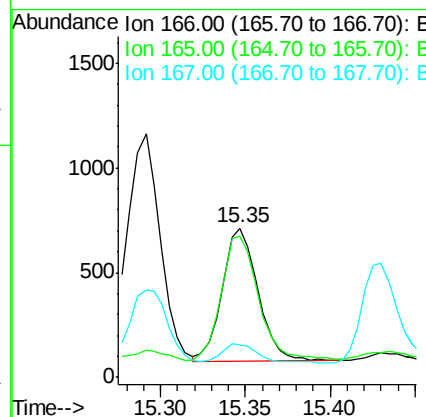
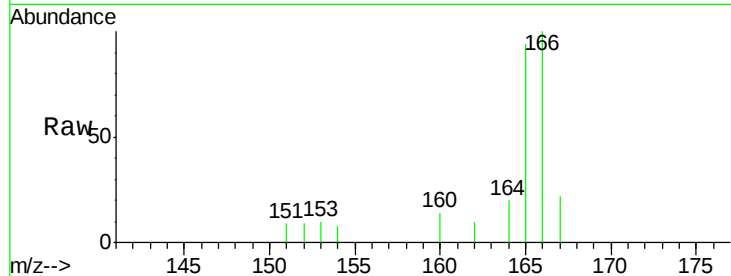
#9
Fluorene
 Concen: 0.021 ng/ul
 RT: 15.35 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BN006364.D
 Acq: 18 Jun 2019 00:28

Instrument :
 BNA_N
 ClientSampled :
 A41X1

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.2	76.4	114.6
167	22.0	11.0	16.6#

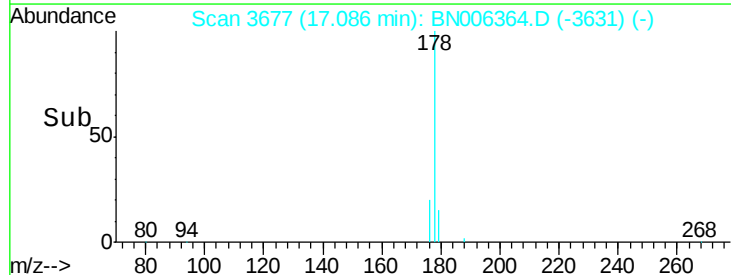
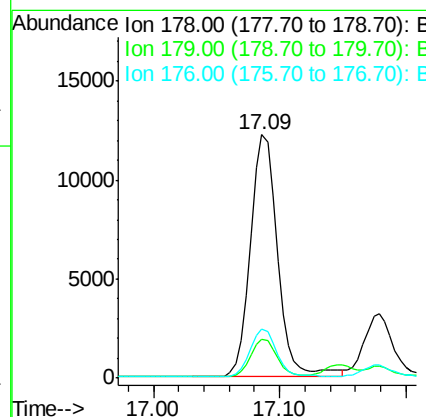
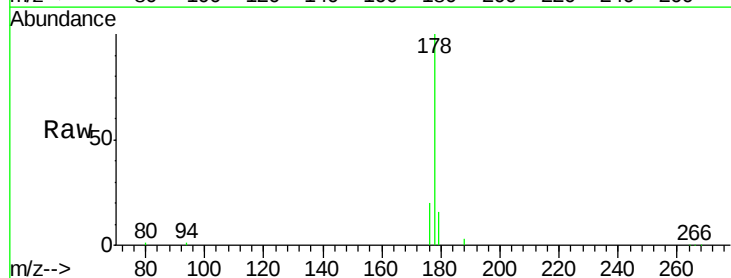
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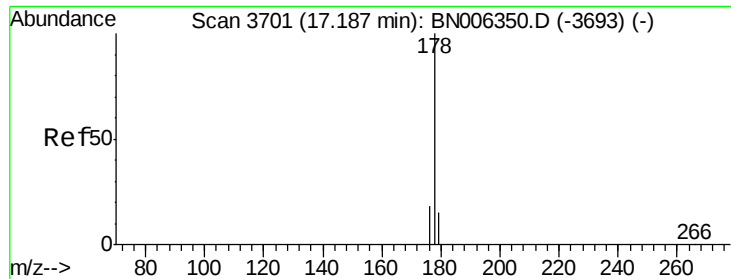
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#12
Phenanthrene
 Concen: 0.317 ng/ul
 RT: 17.09 min Scan# 3677
 Delta R.T. -0.00 min
 Lab File: BN006364.D
 Acq: 18 Jun 2019 00:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	20.1	15.3	22.9





#13

Anthracene

Concen: 0.086 ng/ul m

RT: 17.18 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

Instrument :

BNA_N

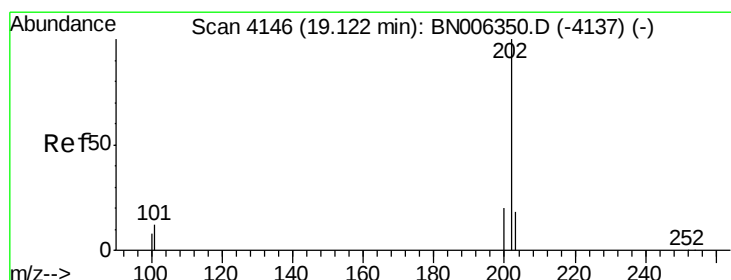
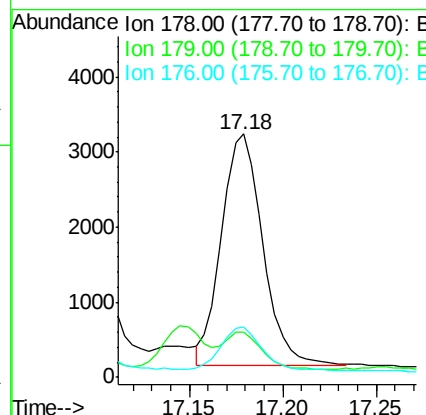
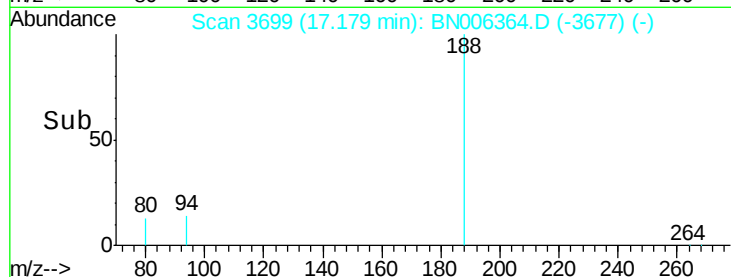
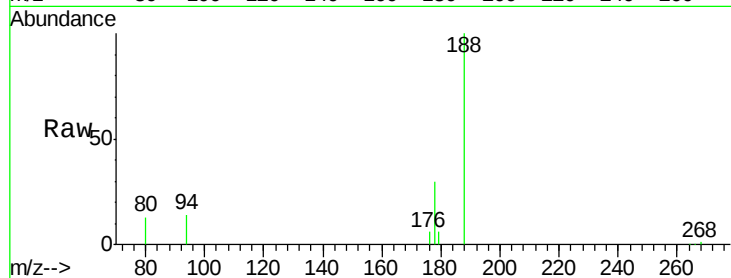
ClientSampleId :

A41X1

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.2	18.4#
176	20.5	15.1	22.7

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#15

Fluoranthene

Concen: 0.440 ng/ul m

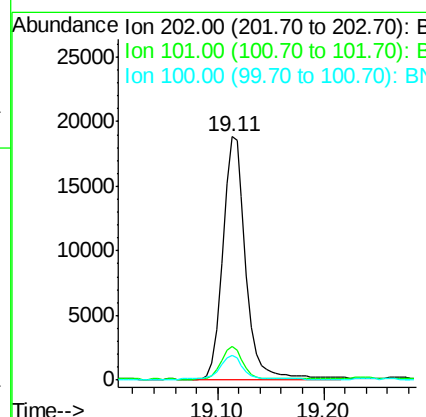
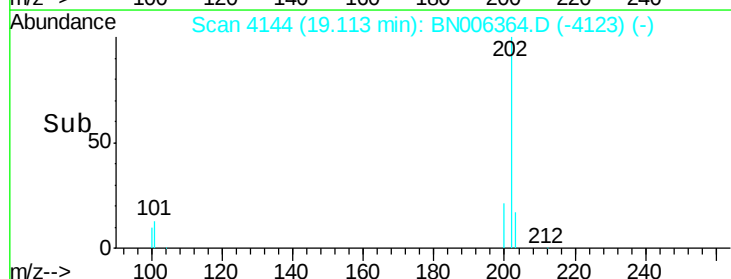
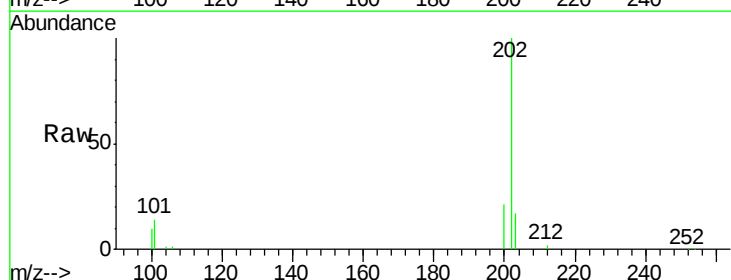
RT: 19.11 min Scan# 4144

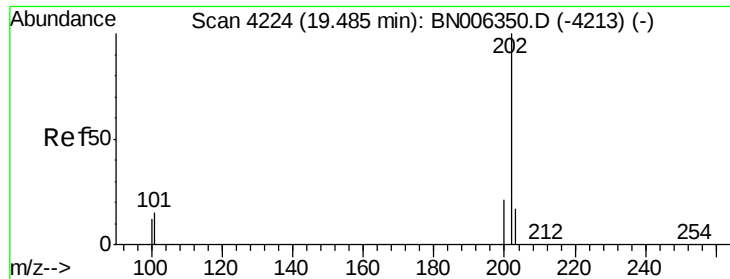
Delta R.T. -0.00 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.1
100	10.3	0.0	28.7





#17

Pvrene

Concen: 0.378 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006364.D

Acq: 18 Jun 2019 00:28

Instrument :

BNA_N

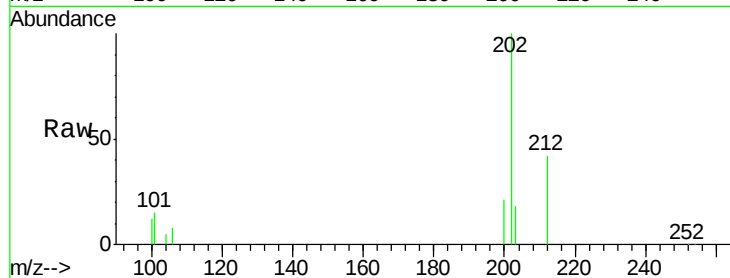
ClientSampleId :

A41X1

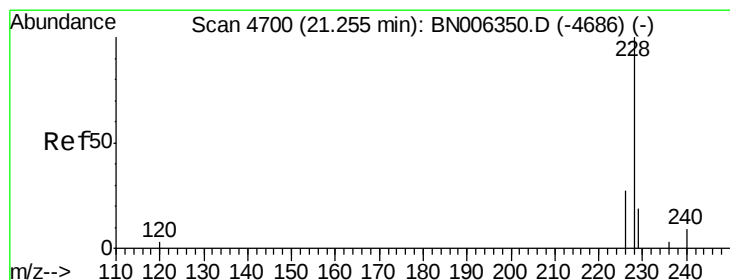
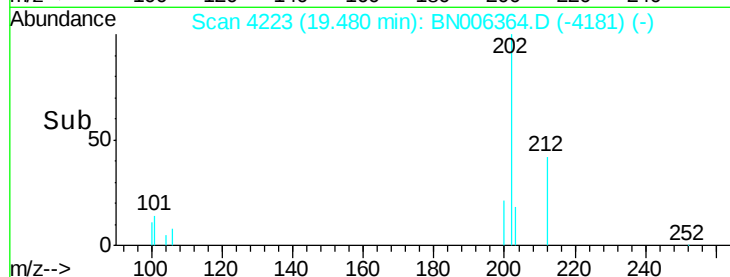
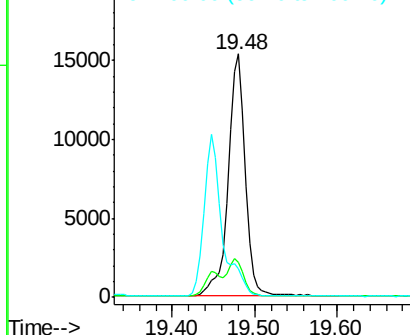
Tot Ion:	202	Resp:	21911
Ion Ratio	Lower	Upper	
202	100		
101	14.6	12.2	18.2
100	11.8	9.8	14.6

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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): B



#18

Benzo(a)anthracene

Concen: 0.196 ng/ul m

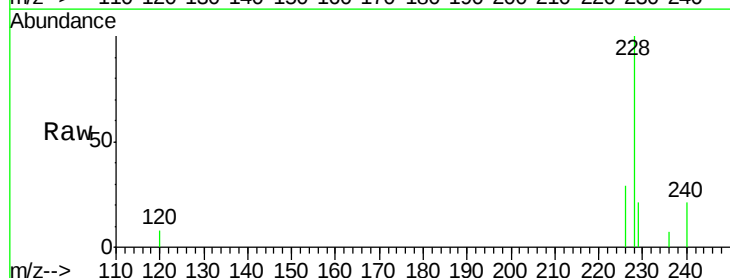
RT: 21.24 min Scan# 4696

Delta R.T. -0.01 min

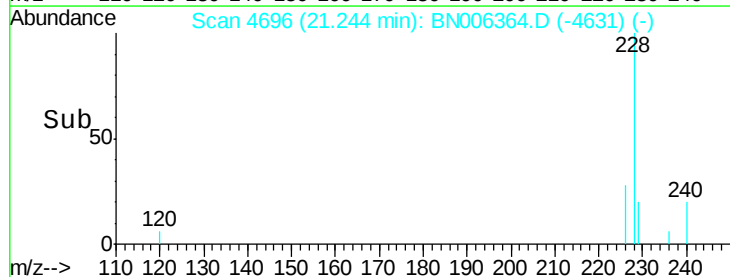
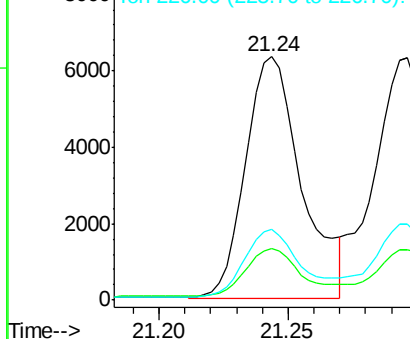
Lab File: BN006364.D

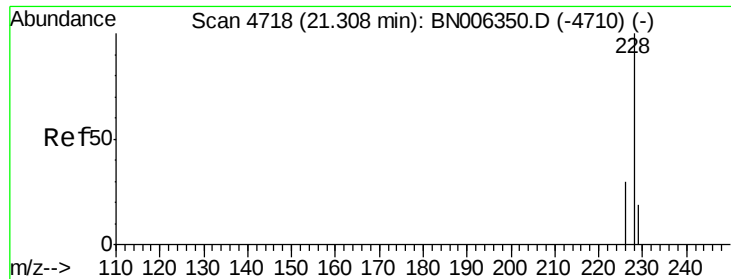
Acq: 18 Jun 2019 00:28

Tgt Ion:	228	Resp:	9521
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.5	24.7
226	28.9	22.8	34.2



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





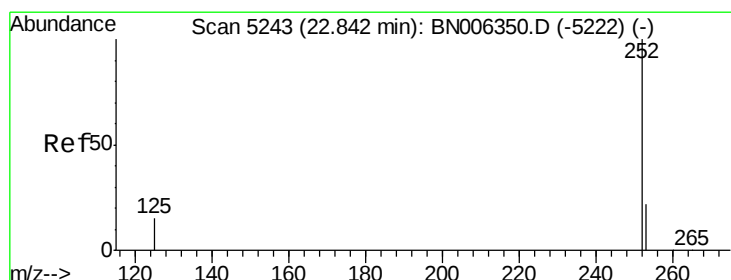
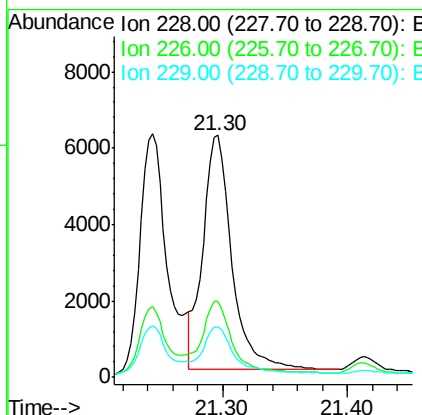
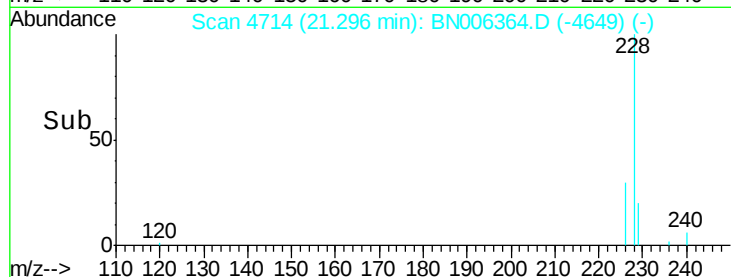
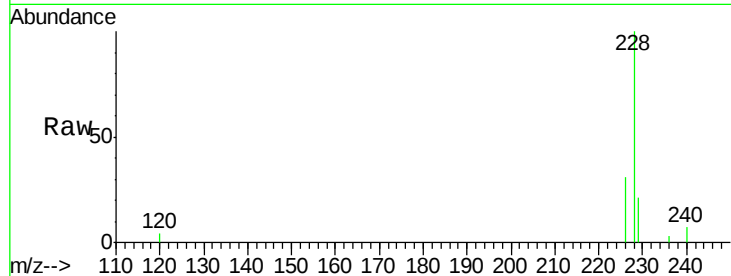
#19
Chrysene
Concen: 0.215 ng/ul
RT: 21.30 min Scan# 4714
Delta R.T. -0.01 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Instrument :
BNA_N
ClientSampleId :
A41X1

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.9	16.3	24.5

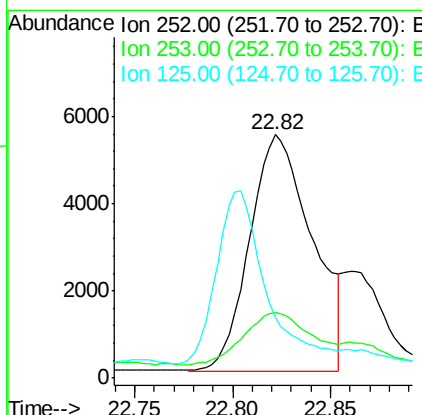
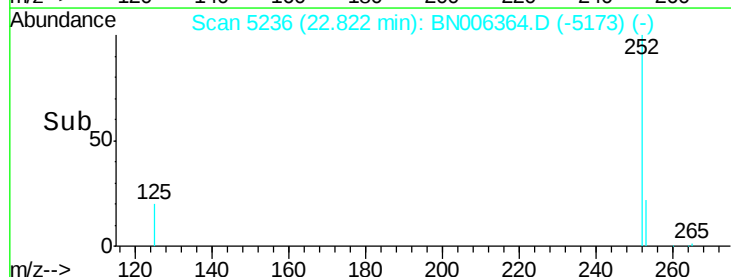
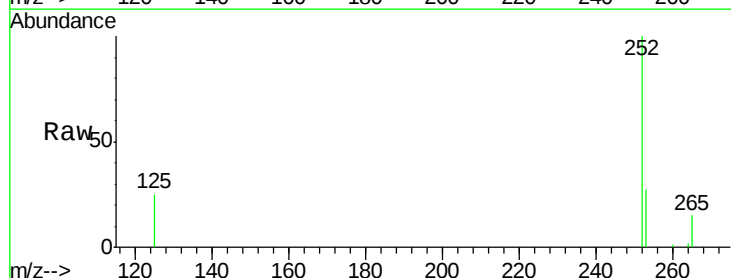
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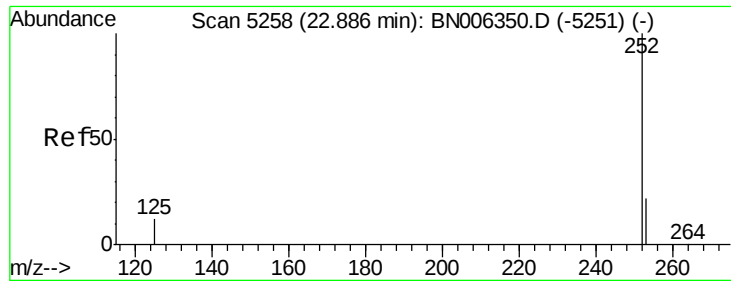
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#21
Benzo(b)fluoranthene
Concen: 0.171 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.02 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	51.4
125	24.9	0.0	41.0





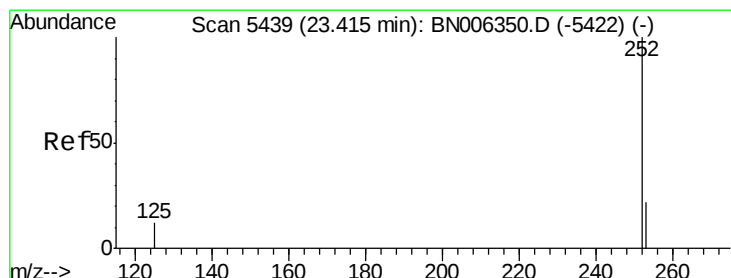
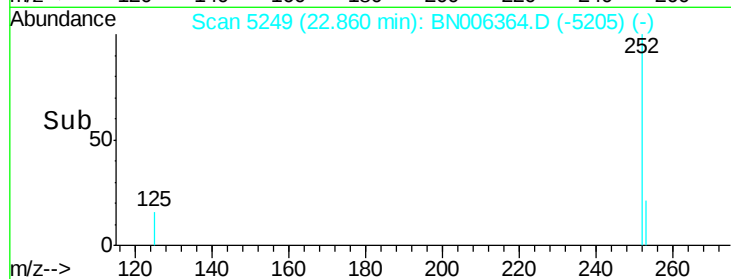
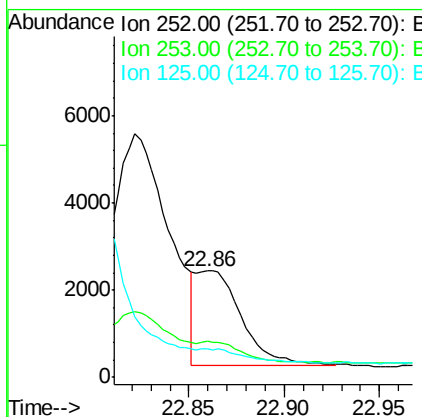
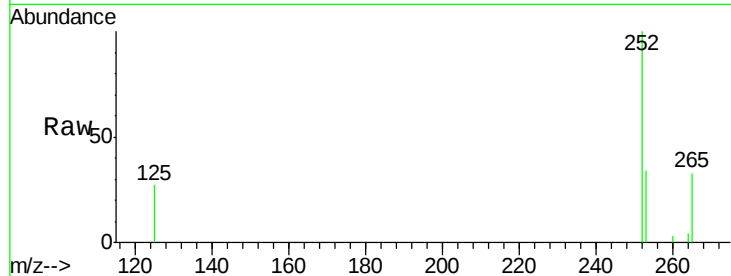
#22
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.86 min Scan# 5249
Delta R.T. -0.02 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Instrument :
BNA_N
ClientSampleId :
A41X1

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.6	20.3	30.5#
125	27.2	14.3	21.5#

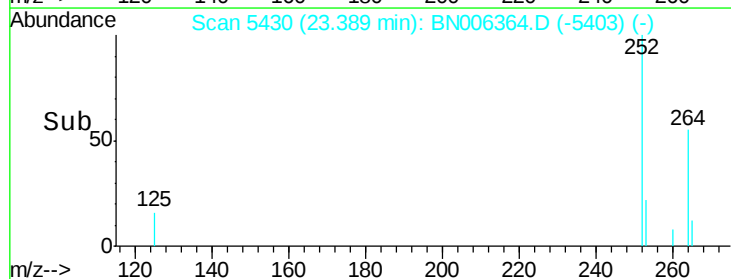
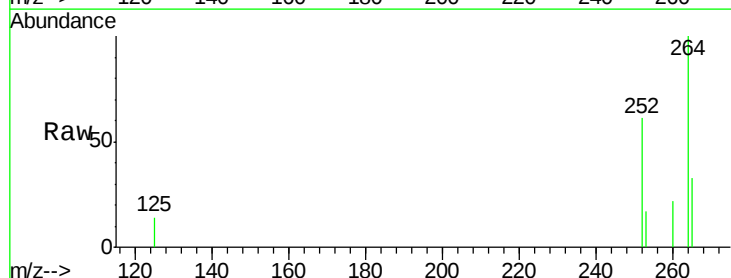
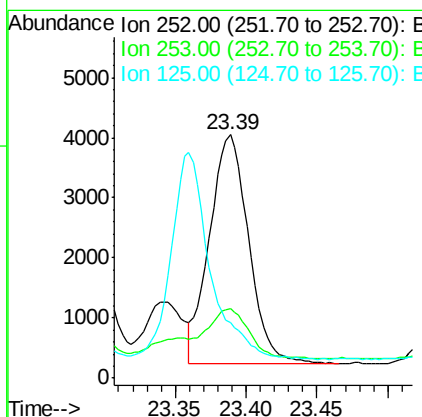
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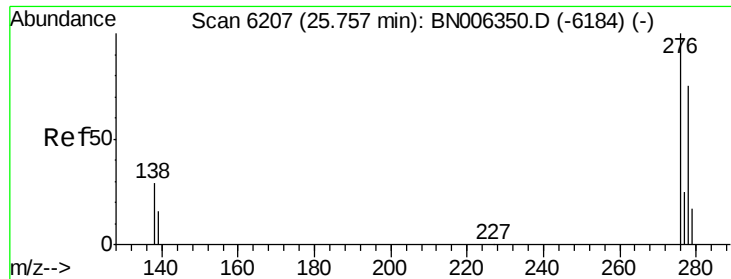
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#23
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.39 min Scan# 5430
Delta R.T. -0.02 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	21.1	31.7
125	22.5	20.3	30.5





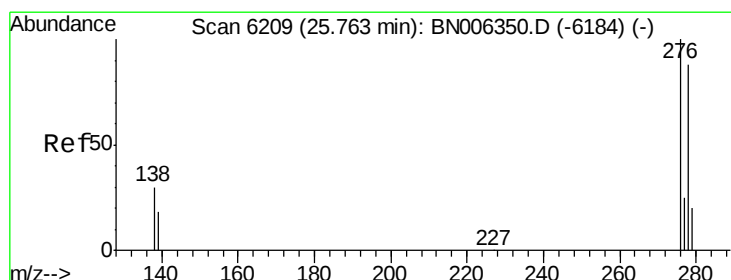
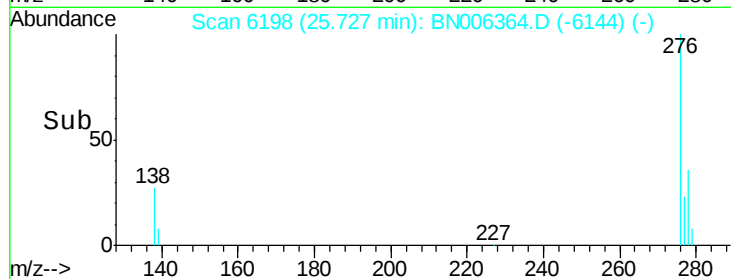
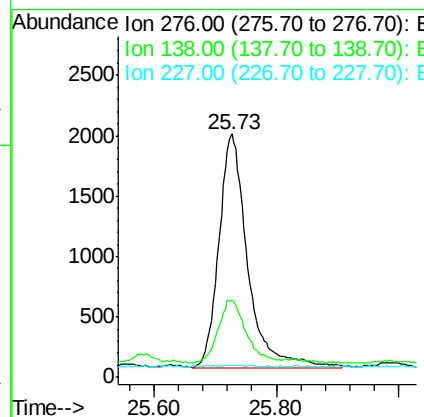
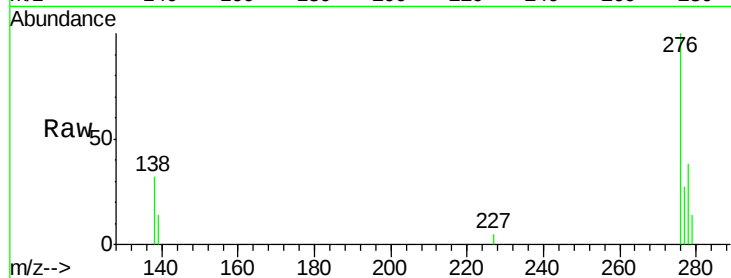
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. -0.02 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Instrument :
BNA_N
ClientSampleId :
A41X1

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.6	38.4
227	0.1	0.3	0.5

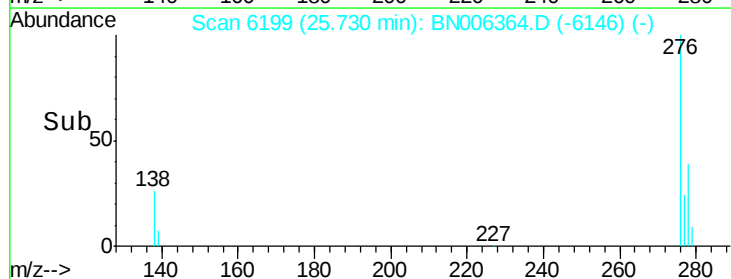
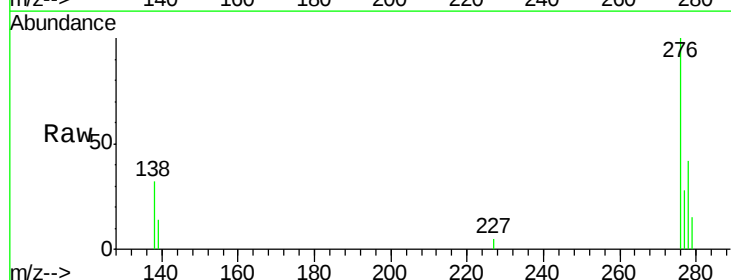
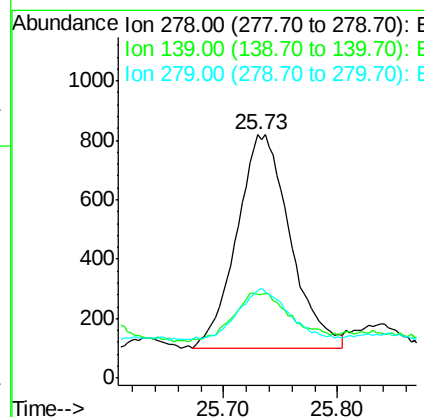
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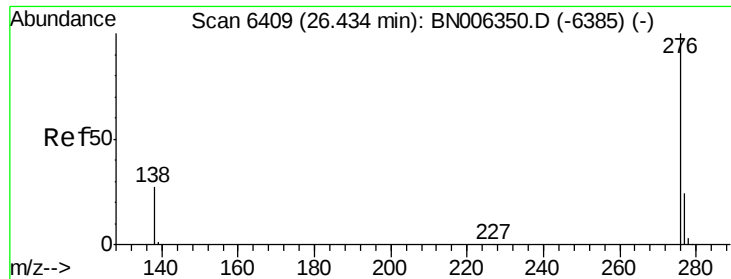
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#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.73 min Scan# 6199
Delta R.T. -0.02 min
Lab File: BN006364.D
Acq: 18 Jun 2019 00:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.6	21.2	31.8
279	35.8	22.6	33.8





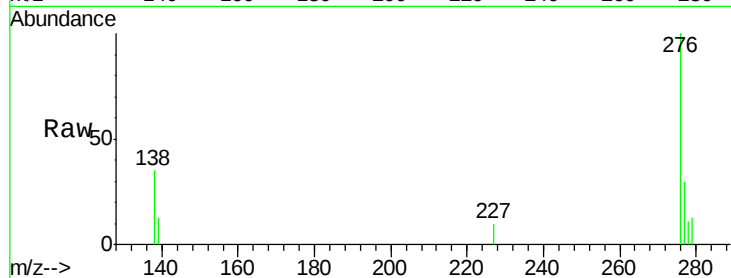
#26
 Benzo(a,h,i)perylene
 Concen: 0.051 ng/ul
 RT: 26.41 min Scan# 6402
 Delta R.T. -0.02 min
 Lab File: BN006364.D
 Acq: 18 Jun 2019 00:28

Instrument :
 BNA_N
 ClientSampleId :
 A41X1

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	24.2	36.4
277	30.4	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

