

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013042.D
 Acq On : 10 Dec 2020 12:04
 Operator : CG/JU
 Sample : L4941-17DL 10X
 Misc :
 ALS Vial : 112 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B46DL

Manual Integrations
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Quant Time: Dec 10 12:55:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 10 10:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1081	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	3831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	2139	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	4359	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3252	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	2957	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	84	0.01	ng/ul	0.02
14) Fluoranthene-d10	18.85	212	177	0.01	ng/ul	0.00
Target Compounds				Ovalue		
9) Fluorene	15.11	166	229	0.024	ng/ul#	93
12) Phenanthrene	16.84	178	6156	0.421	ng/ul	98
13) Anthracene	16.94	178	1018	0.082	ng/ul#	90
15) Fluoranthene	18.88	202	12752	0.734	ng/ul	97
17) Pyrene	19.24	202	10865	0.707	ng/ul	98
18) Benzo(a)anthracene	21.01	228	4214	0.313	ng/ul	99
19) Chrysene	21.06	228	4914	0.331	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	6049m	0.442	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	2544m	0.168	ng/ul	
23) Benzo(a)pyrene	23.04	252	3870	0.305	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.18	276	2743	0.165	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.19	278	624	0.047	ng/ul#	36
26) Benzo(g,h,i)perylene	25.80	276	2421	0.161	ng/ul#	92

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

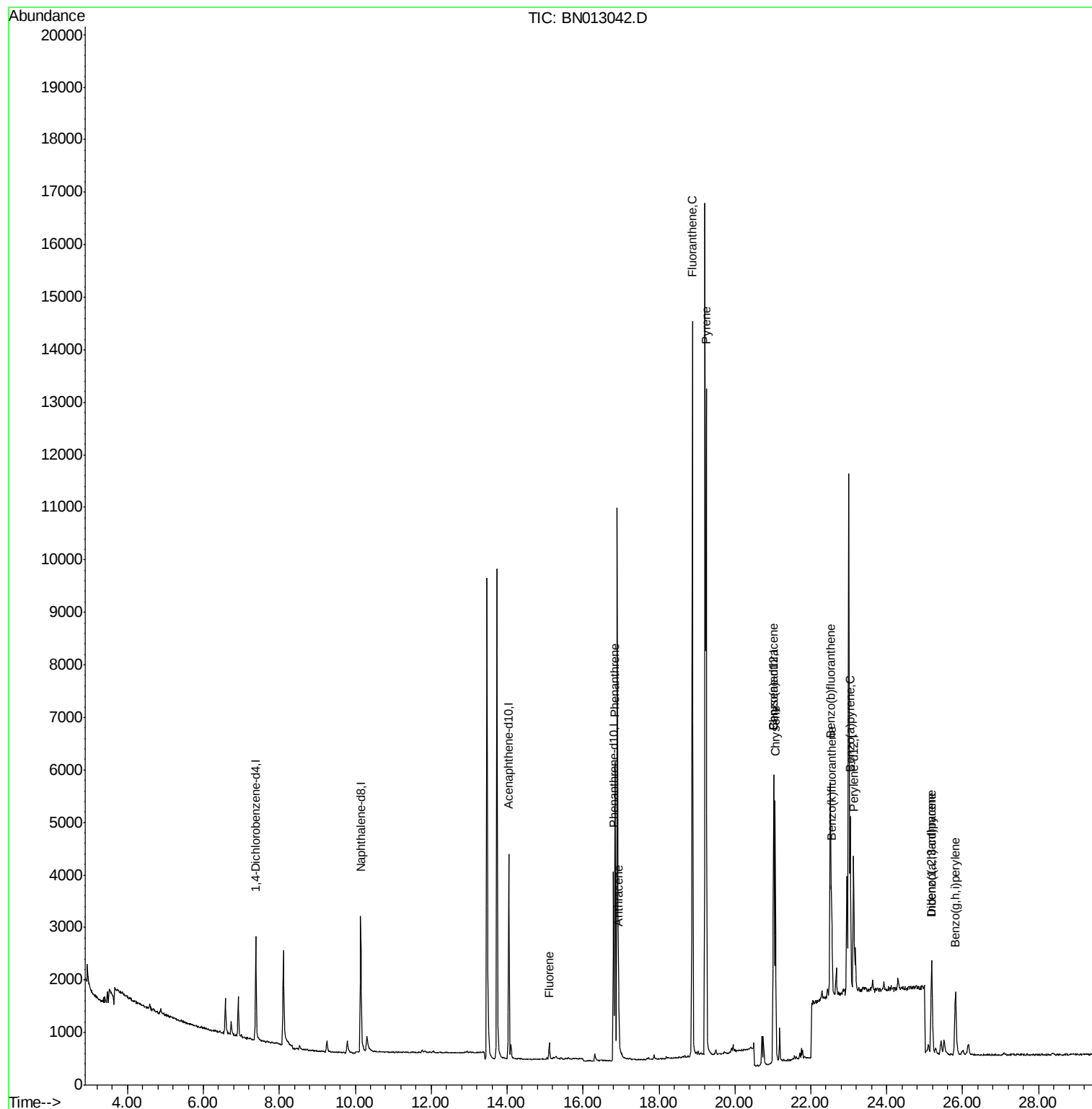
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013042.D
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ALS Vial : 112 Sample Multiplier: 1

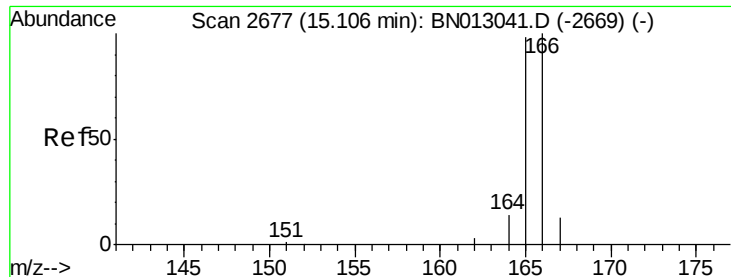
Instrument :
BNA_N
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C0B46DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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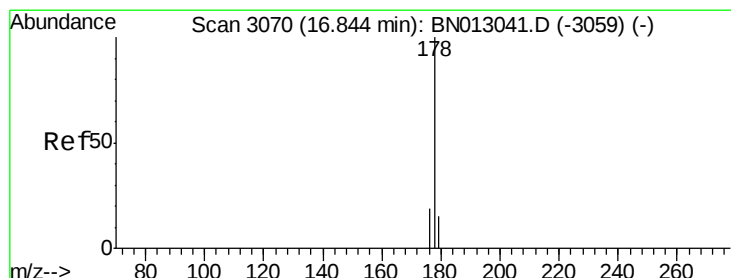
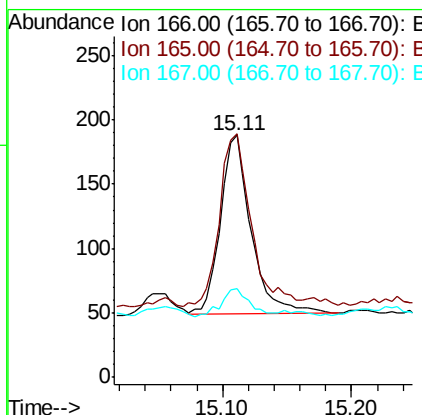
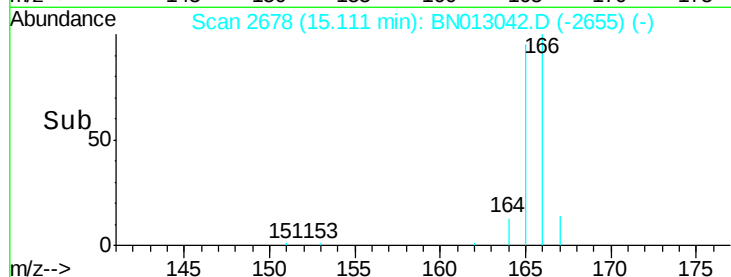
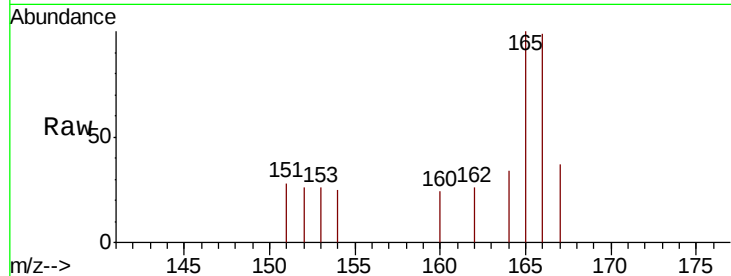
#9
Fluorene
 Concen: 0.024 ng/ul
 RT: 15.11 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: BN013042.D
 Acq: 10 Dec 2020 12:04

Instrument :
 BNA_N
 ClientSampleID :
 C0B46DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	36.7	13.8	20.8

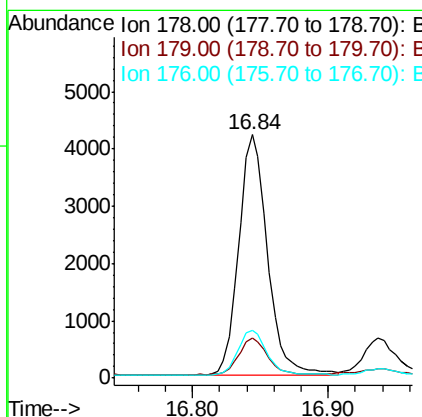
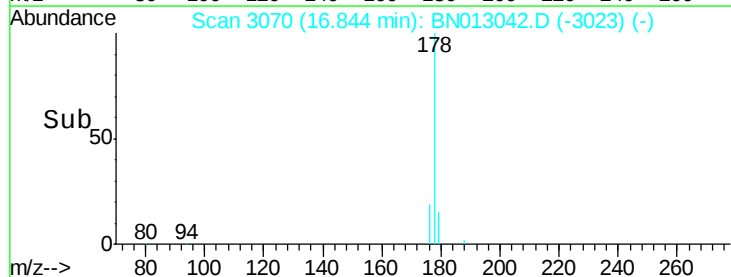
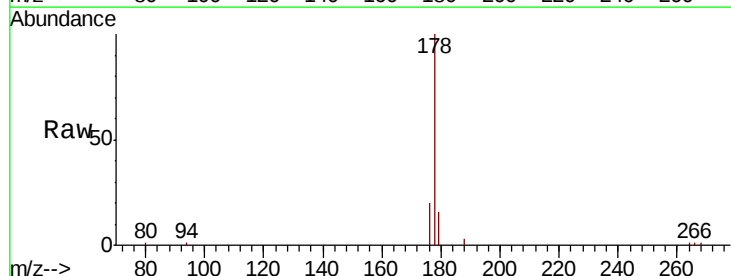
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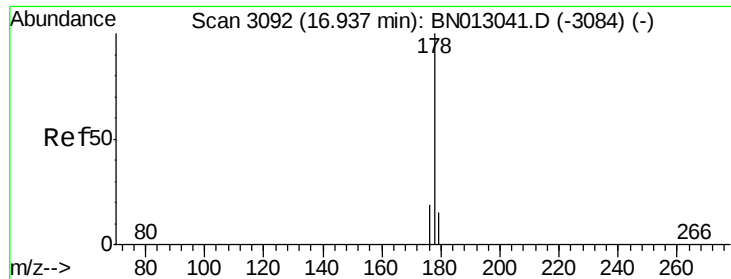
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#12
Phenanthrene
 Concen: 0.421 ng/ul
 RT: 16.84 min Scan# 3070
 Delta R.T. -0.00 min
 Lab File: BN013042.D
 Acq: 10 Dec 2020 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.5	16.4	24.6





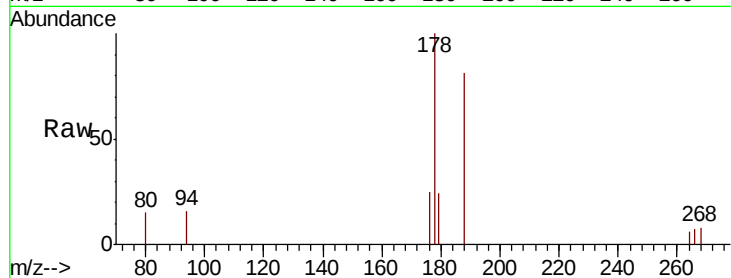
#13
 Anthracene
 Concen: 0.082 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BN013042.D
 Acq: 10 Dec 2020 12:04

Instrument :
 BNA_N
 ClientSampleId :
 C0B46DL

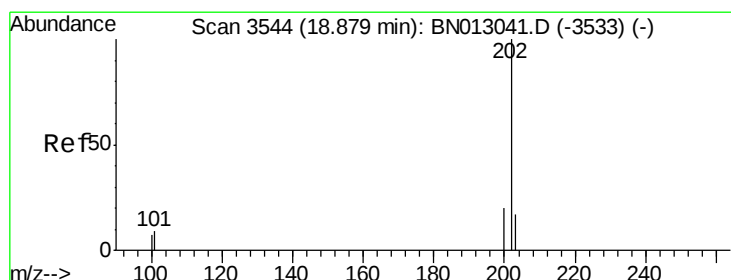
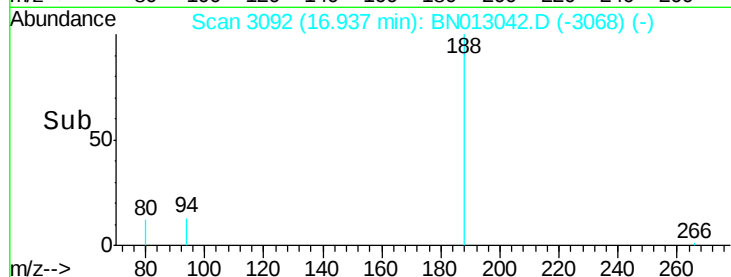
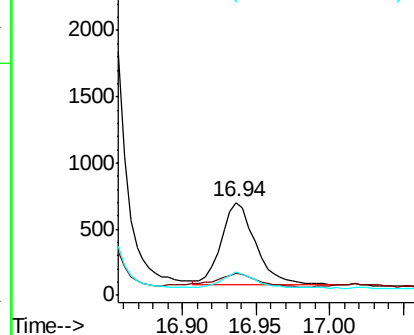
Tot Ion	Ratio	Lower	Upper
178	100		
179	23.7	14.6	21.8#
176	24.8	17.1	25.7

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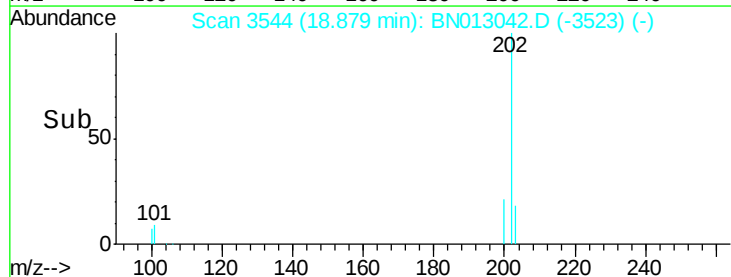
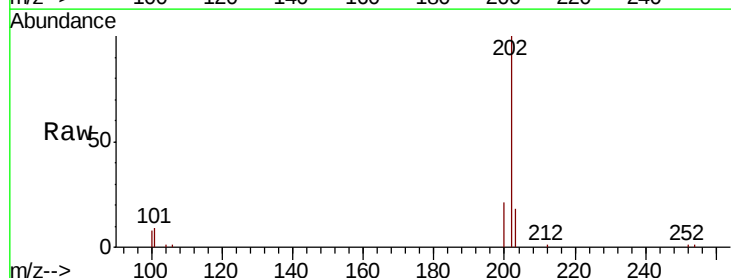
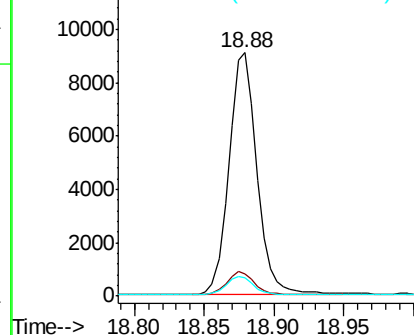
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

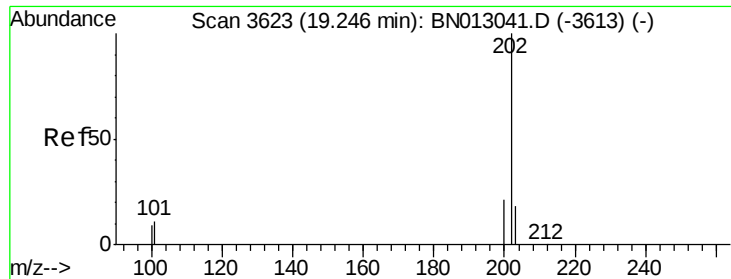


#15
 Fluoranthene
 Concen: 0.734 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN013042.D
 Acq: 10 Dec 2020 12:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.6
100	7.6	0.0	28.7

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: 0.707 ng/ul

RT: 19.24 min Scan# 3622

Delta R.T. -0.00 min

Lab File: BN013042.D

Acq: 10 Dec 2020 12:04

Instrument :

BNA_N

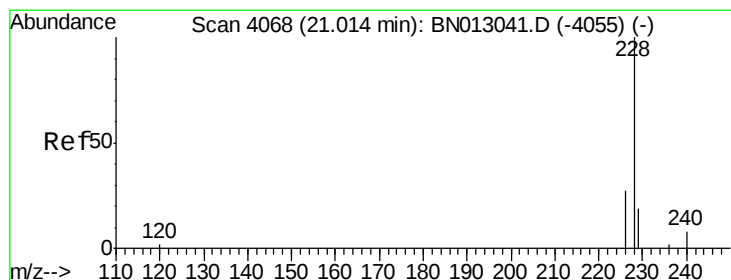
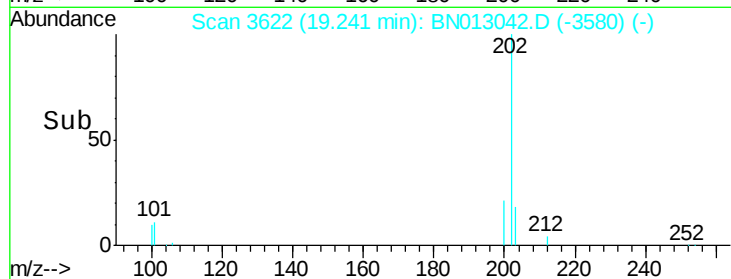
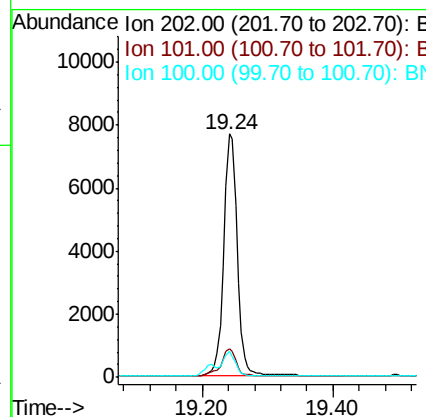
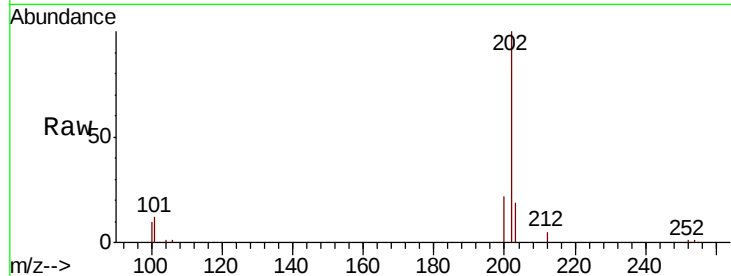
ClientSampleId :

C0B46DL

Tot Ion:	202	Resp:	10865
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.1	13.7
100	10.5	7.5	11.3

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#18

Benzo(a)anthracene

Concen: 0.313 ng/ul

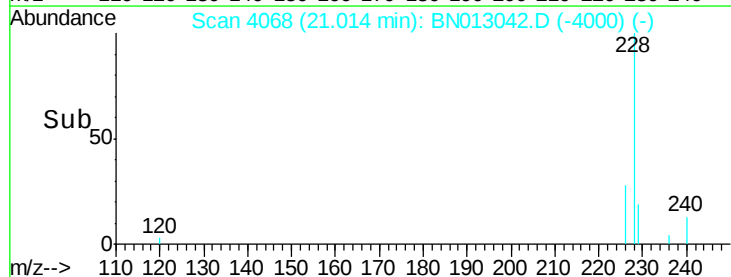
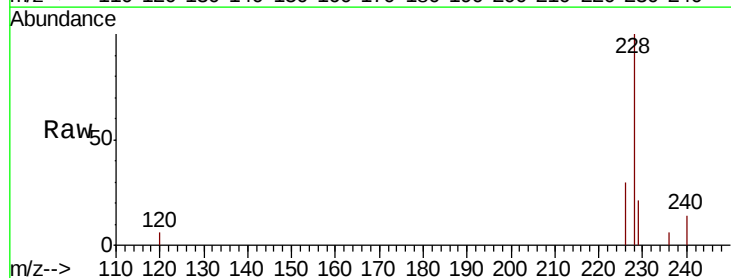
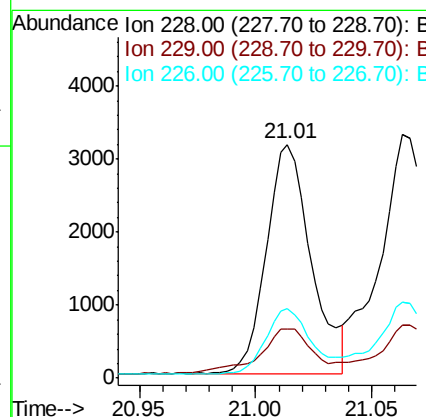
RT: 21.01 min Scan# 4068

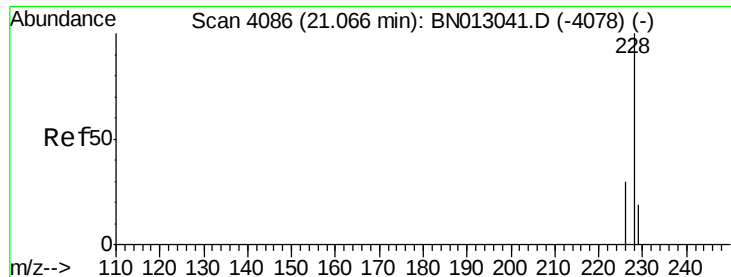
Delta R.T. -0.00 min

Lab File: BN013042.D

Acq: 10 Dec 2020 12:04

Tgt Ion:	228	Resp:	4214
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.3	24.5
226	29.5	23.4	35.2





#19

Chrysene

Concen: 0.331 ng/ul

RT: 21.06 min Scan# 4085

Delta R.T. -0.00 min

Lab File: BN013042.D

Acq: 10 Dec 2020 12:04

Instrument :

BNA_N

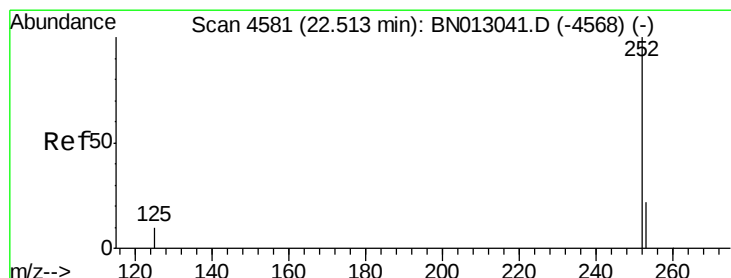
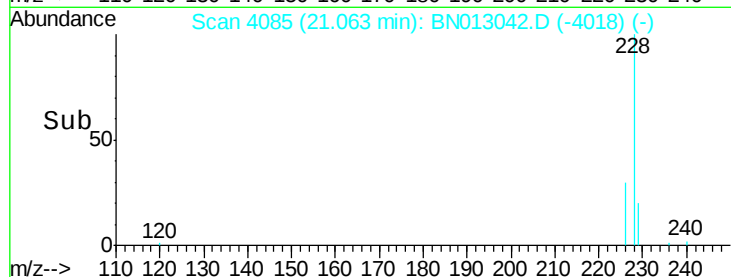
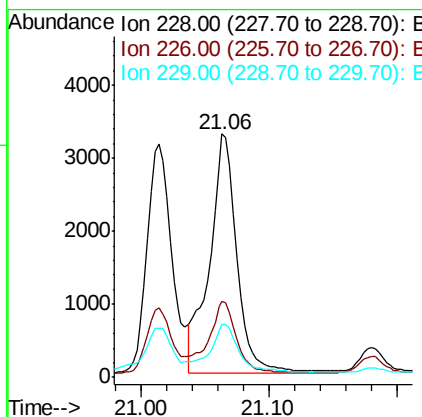
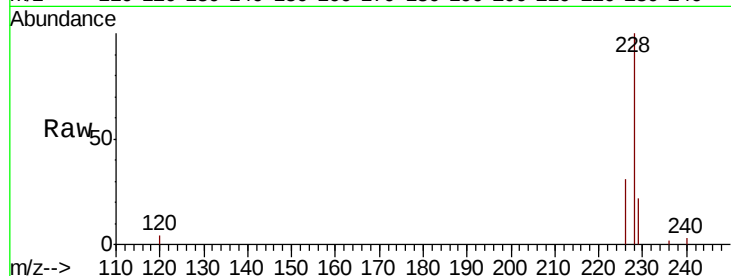
ClientSampleId :

C0B46DL

Tot Ion:	228	Resp:	4914
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.6	16.4	24.6

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#21

Benzo(b)fluoranthene

Concen: 0.442 ng/ul m

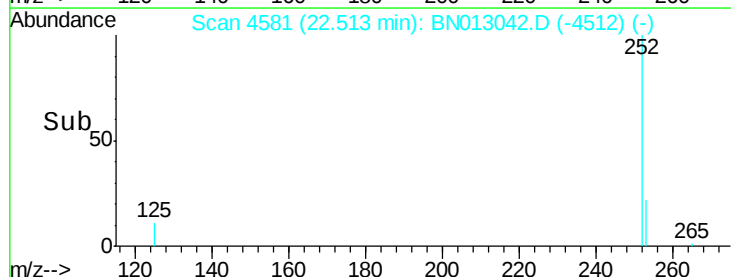
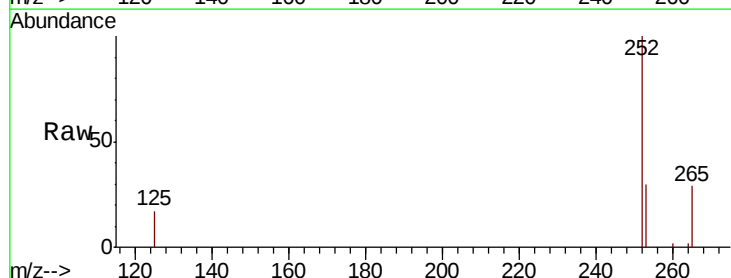
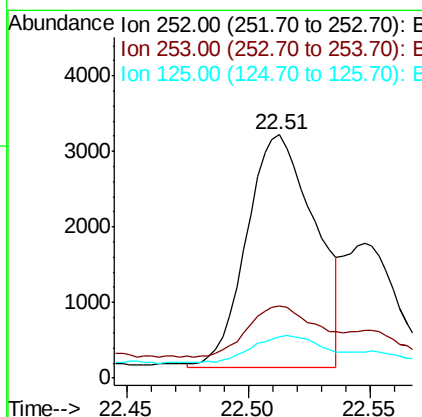
RT: 22.51 min Scan# 4581

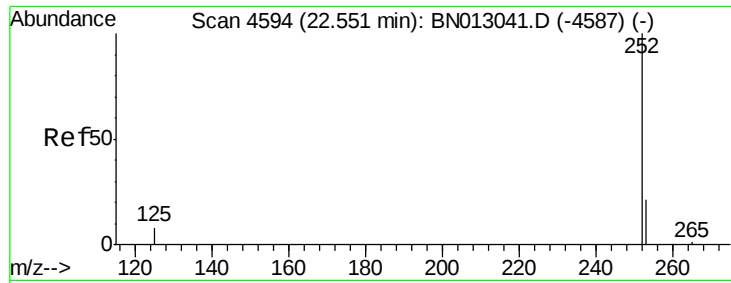
Delta R.T. 0.00 min

Lab File: BN013042.D

Acq: 10 Dec 2020 12:04

Tgt Ion:	252	Resp:	6049
Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	59.6
125	16.8	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.168 ng/ul m

RT: 22.55 min Scan# 4593

Delta R.T. -0.00 min

Lab File: BN013042.D

Acq: 10 Dec 2020 12:04

Instrument :

BNA_N

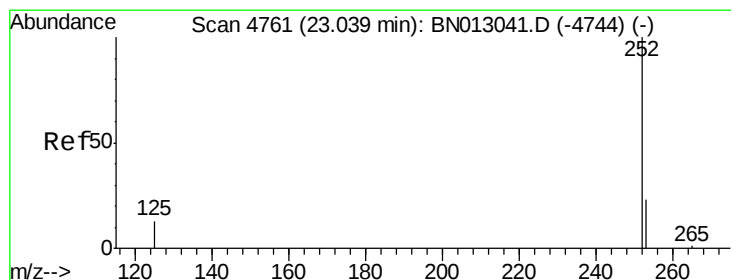
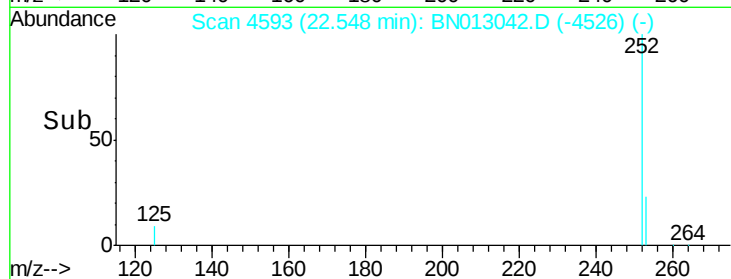
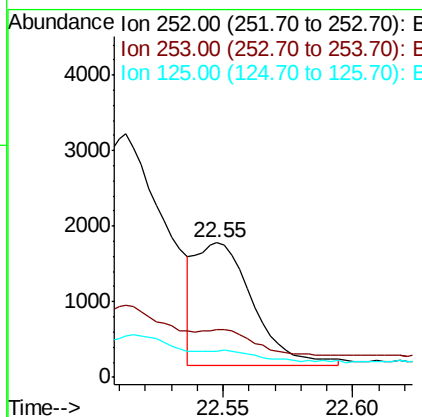
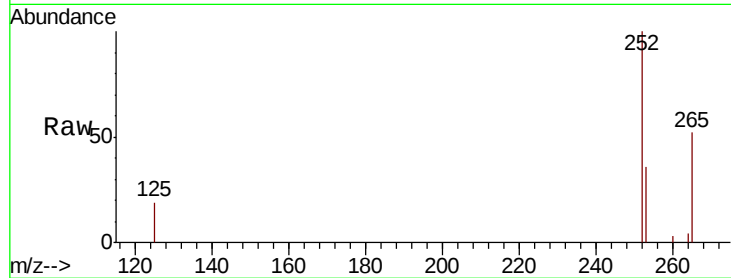
ClientSampleId :

C0B46DL

Tot Ion:	252	Resp:	2544
Ion Ratio	Lower	Upper	
252	100		
253	35.9	23.4	35.2#
125	19.5	11.1	16.7#

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#23

Benzo(a)pyrene

Concen: 0.305 ng/ul

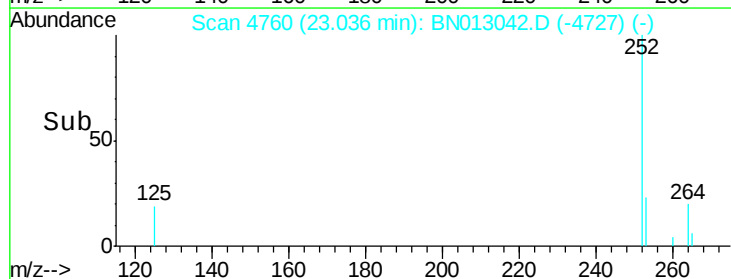
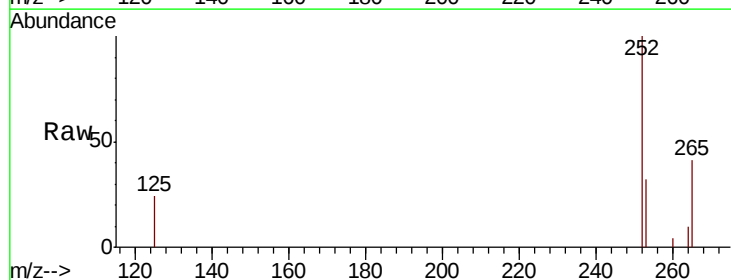
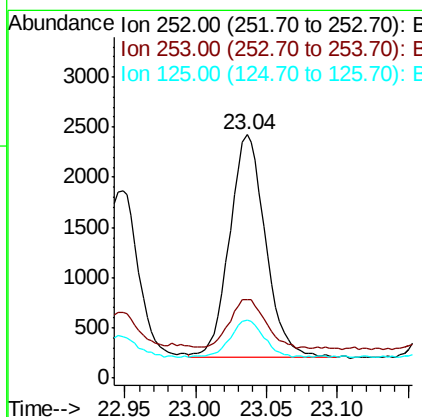
RT: 23.04 min Scan# 4760

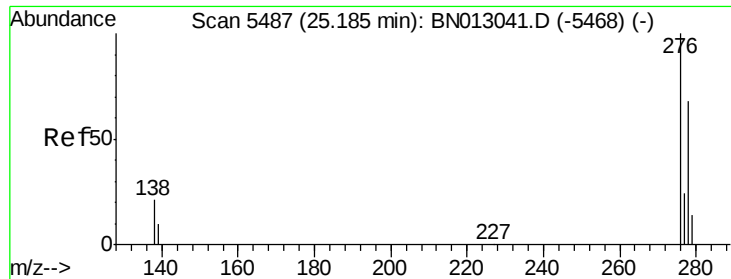
Delta R.T. -0.00 min

Lab File: BN013042.D

Acq: 10 Dec 2020 12:04

Tgt Ion:	252	Resp:	3870
Ion Ratio	Lower	Upper	
252	100		
253	32.4	26.5	39.7
125	23.7	14.2	21.2#





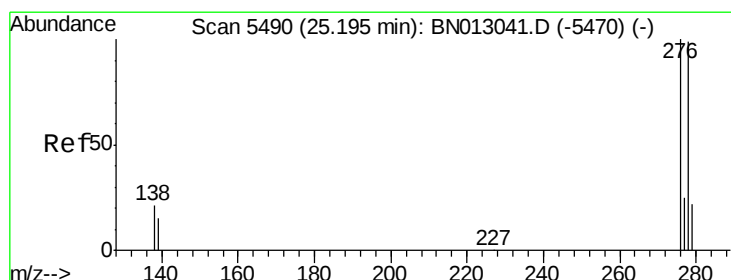
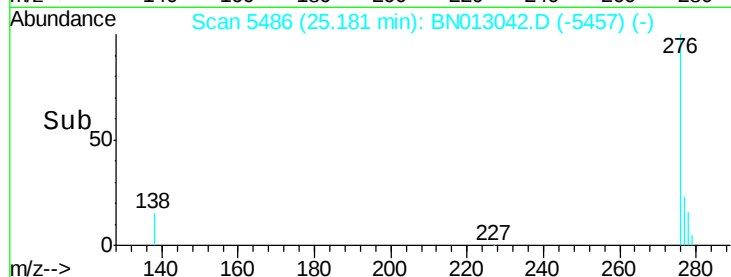
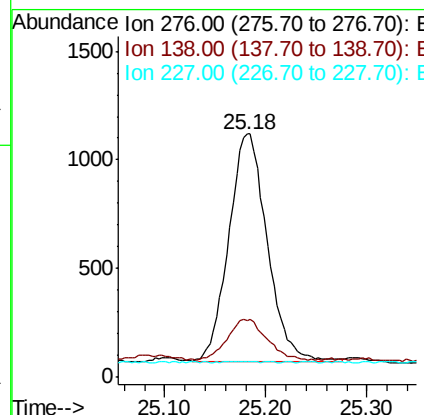
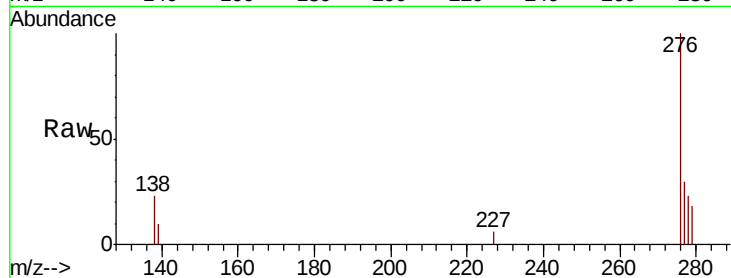
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng/uL
RT: 25.18 min Scan# 5486
Delta R.T. -0.00 min
Lab File: BN013042.D
Acq: 10 Dec 2020 12:04

Instrument :
BNA_N
ClientSampleId :
C0B46DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	16.2	24.2
227	0.4	0.0	0.0

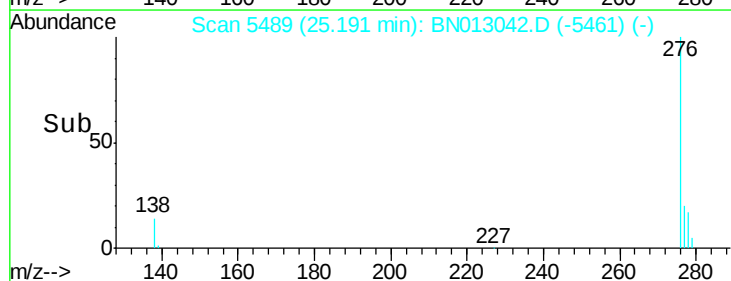
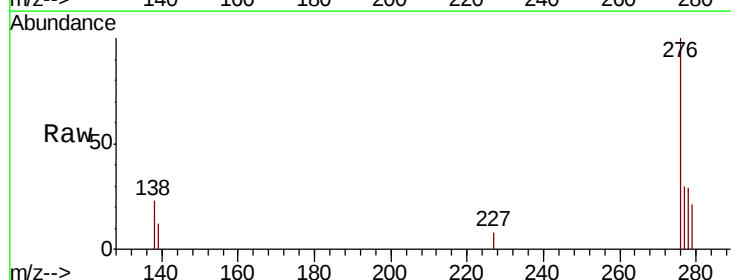
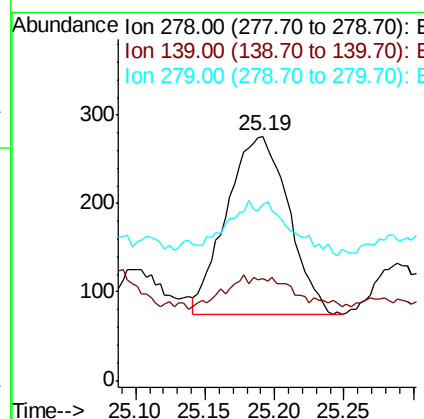
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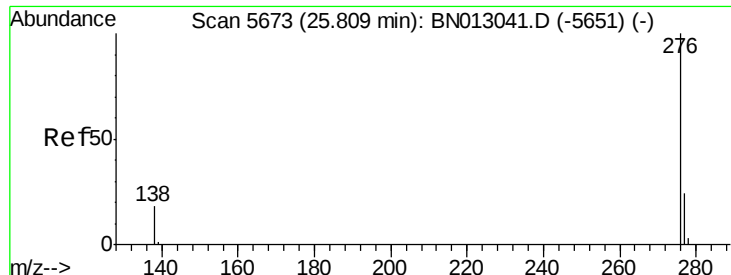
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#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/uL
RT: 25.19 min Scan# 5489
Delta R.T. -0.01 min
Lab File: BN013042.D
Acq: 10 Dec 2020 12:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.7	14.5	21.7
279	72.1	26.3	39.5





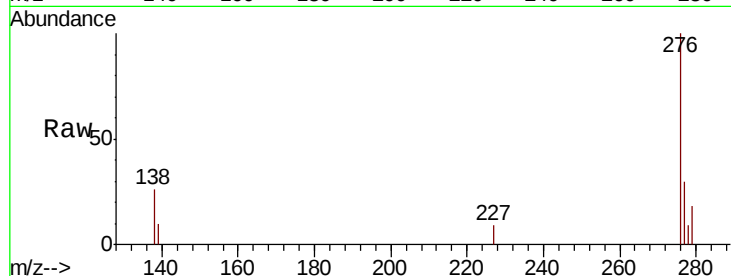
#26
Benzo(a,h,i)perylene
Concen: 0.161 ng/ul
RT: 25.80 min Scan# 5671
Delta R.T. -0.01 min
Lab File: BN013042.D
Acq: 10 Dec 2020 12:04

Instrument :
BNA_N
ClientSampleId :
C0B46DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	16.3	24.5#
277	29.8	21.8	32.6

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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

