

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
 Data File : BN004015.D
 Acq On : 17 Dec 2018 03:03
 Operator : JU/SJ
 Sample : J6236-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F16

Manual Integrations
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Quant Time: Dec 17 07:35:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 17 06:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1670	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8538	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5301	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	13830m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15655m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13649m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2274	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7789m	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.20	152	2279	0.095	ng/ul#	91
12) Phenanthrene	17.26	178	2002m	0.044	ng/ul	
13) Anthracene	17.35	178	2163m	0.058	ng/ul	
15) Fluoranthene	19.27	202	8307m	0.155	ng/ul	
17) Pyrene	19.64	202	9395m	0.167	ng/ul	
18) Benzo(a)anthracene	21.38	228	6601	0.133	ng/ul	93
19) Chrysene	21.43	228	8359m	0.148	ng/ul	
21) Benzo(b)fluoranthene	23.01	252	15305m	0.271	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	4327m	0.079	ng/ul	
23) Benzo(a)pyrene	23.61	252	6432	0.132	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.08	276	5787	0.103	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.08	278	1554	0.034	ng/ul#	25
26) Benzo(g,h,i)perylene	26.81	276	4675	0.096	ng/ul#	80

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

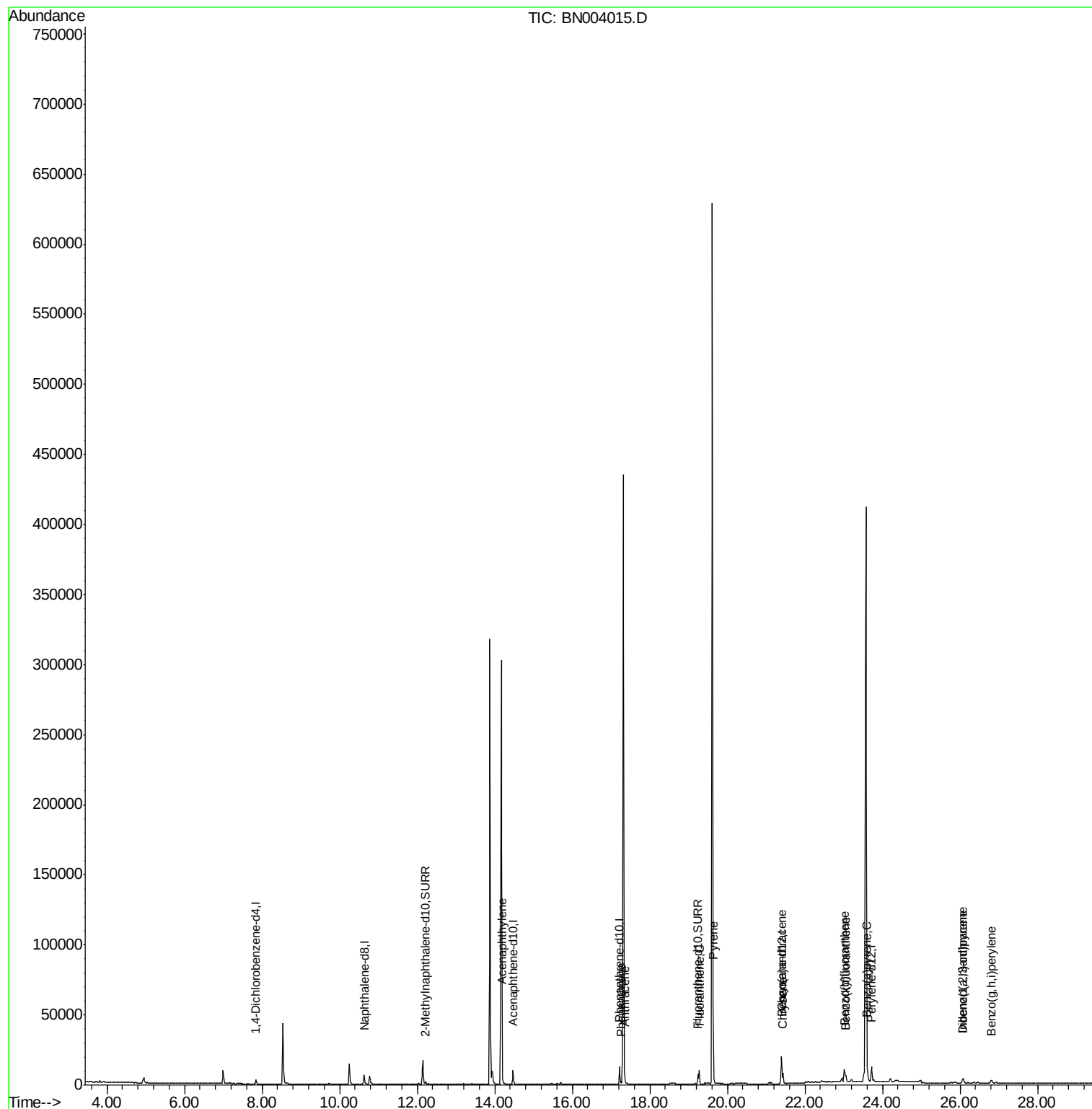
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN004015.D
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Sample : J6236-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

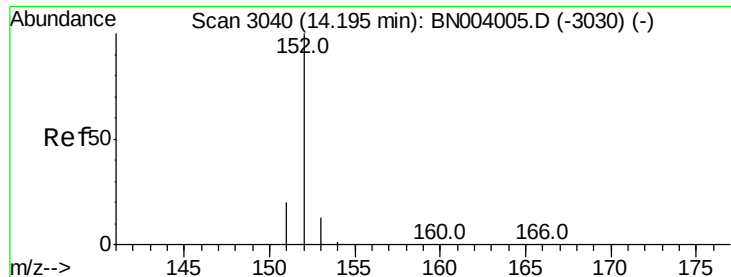
Instrument :
BNA_N
ClientSampleId :
F9F16

Quant Time: Dec 17 07:35:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
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#7

Acenaphthylene

Concen: 0.095 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

Instrument :

BNA_N

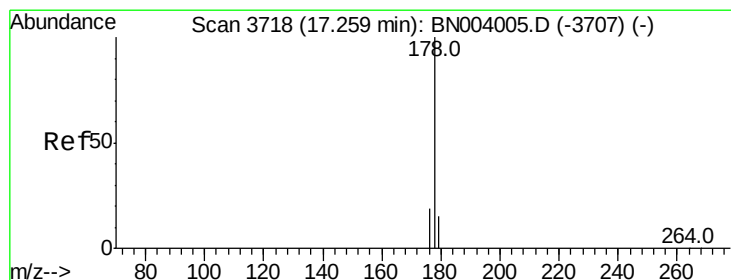
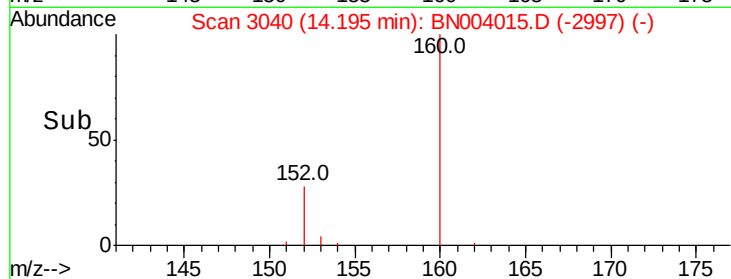
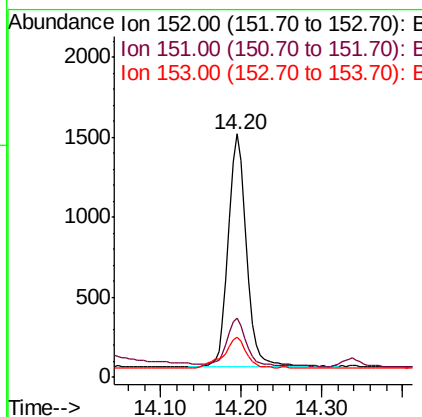
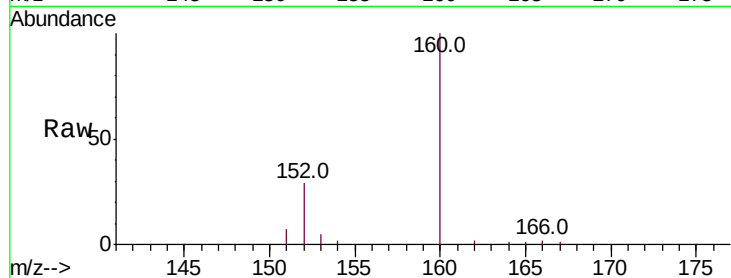
ClientSampled :

F9F16

Tot Ion:	152	Resp:	2279
Ion Ratio	Lower	Upper	
152	100		
151	24.4	15.9	23.9#
153	16.4	10.7	16.1#

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#12

Phenanthrene

Concen: 0.044 ng/ul m

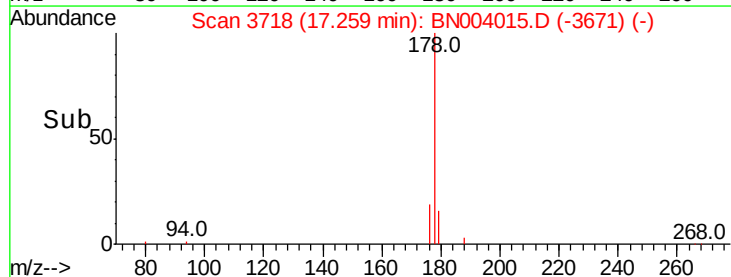
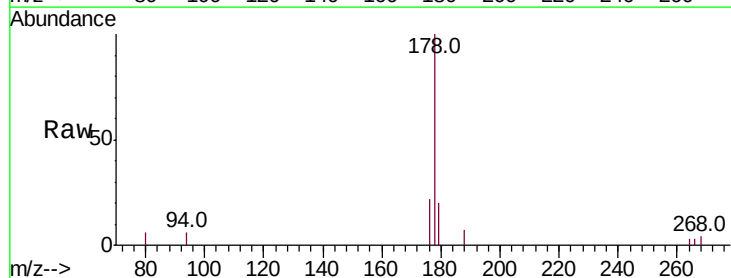
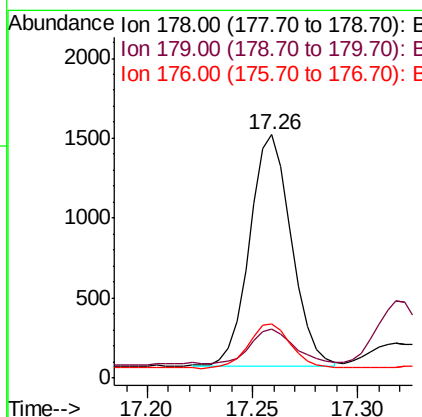
RT: 17.26 min Scan# 3718

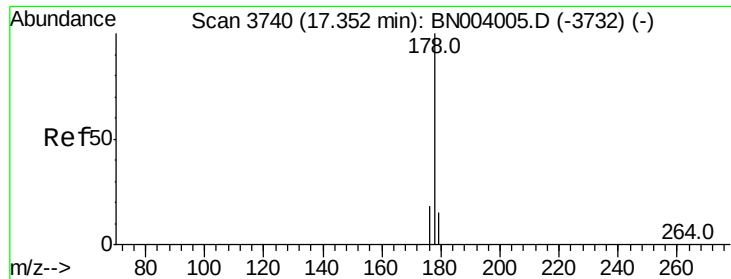
Delta R.T. -0.00 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

Tgt Ion:	178	Resp:	2002
Ion Ratio	Lower	Upper	
178	100		
179	20.1	12.5	18.7#
176	22.3	15.0	22.4





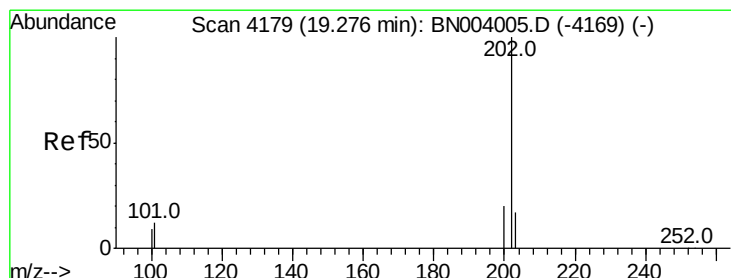
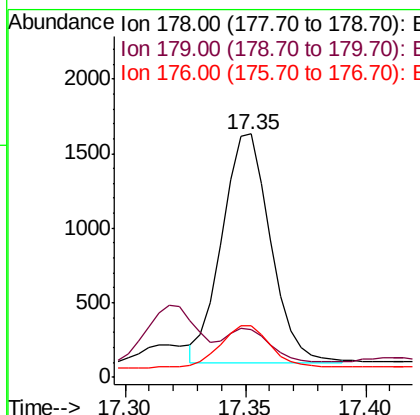
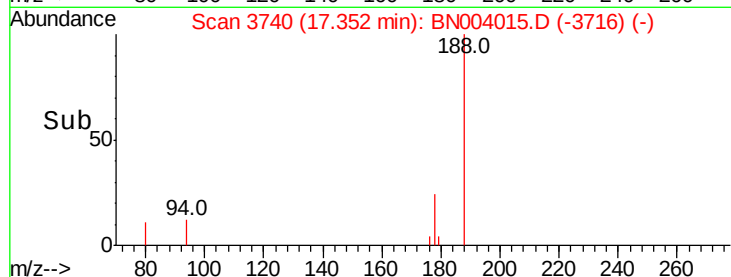
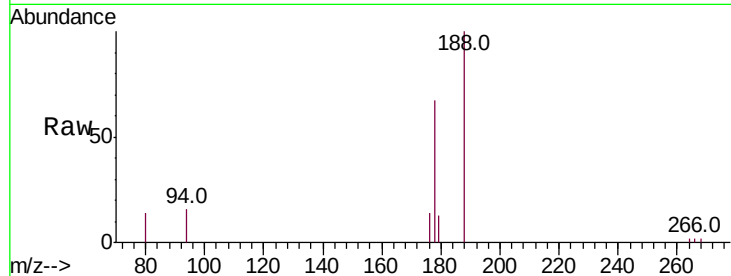
#13
 Anthracene
 Concen: 0.058 ng/ul m
 RT: 17.35 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: BN004015.D
 Acq: 17 Dec 2018 03:03

Instrument :
 BNA_N
 ClientSampleId :
 F9F16

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.3	18.5#
176	21.1	14.8	22.2

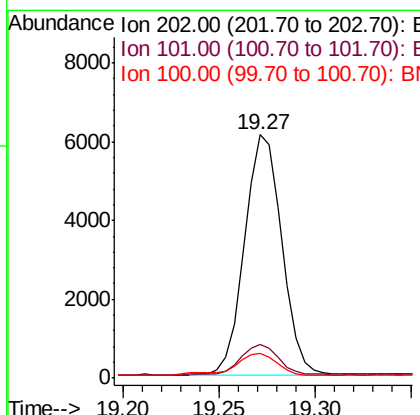
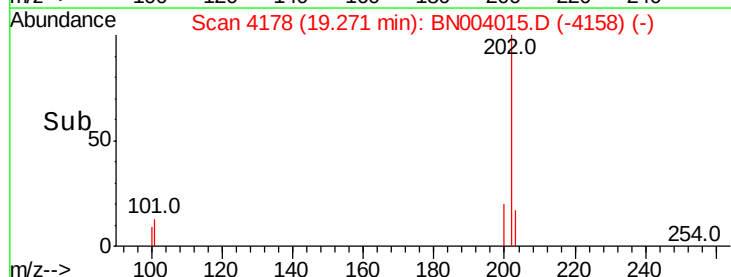
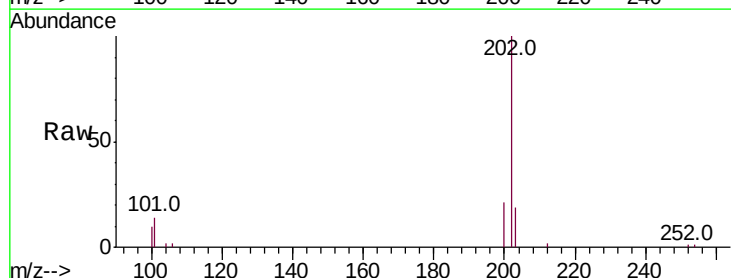
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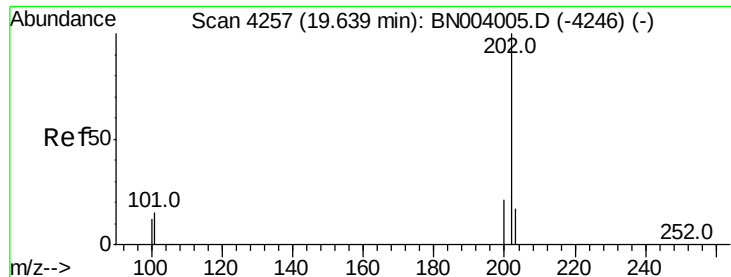
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#15
 Fluoranthene
 Concen: 0.155 ng/ul m
 RT: 19.27 min Scan# 4178
 Delta R.T. -0.00 min
 Lab File: BN004015.D
 Acq: 17 Dec 2018 03:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	30.7
100	10.3	0.0	28.1





#17

Pyrene

Concen: 0.167 ng/ul m

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

Instrument :

BNA_N

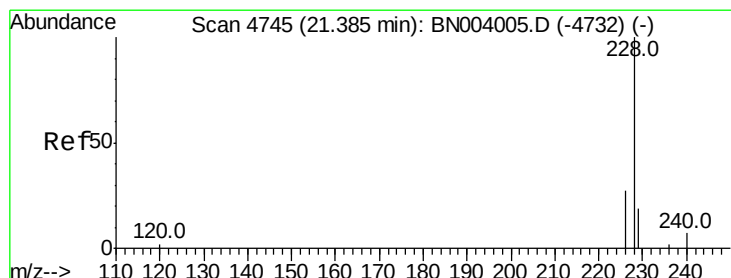
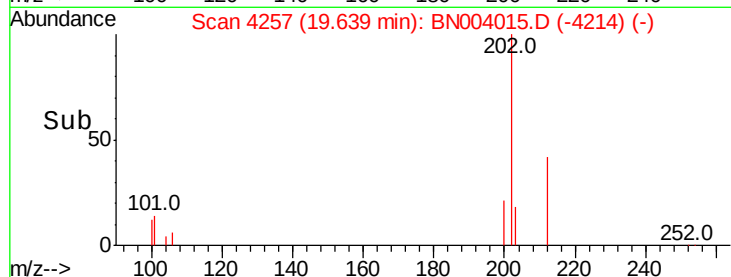
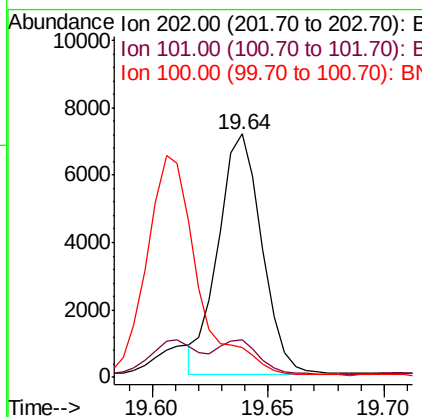
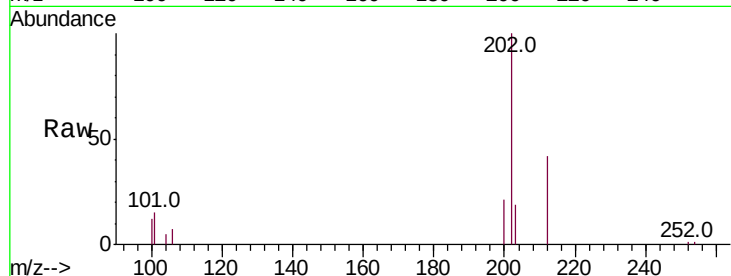
ClientSampled :

F9F16

Tot Ion:	202	Resp:	9395
Ion Ratio	Lower	Upper	
202	100		
101	15.2	10.3	15.5
100	12.2	8.5	12.7

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#18

Benzo(a)anthracene

Concen: 0.133 ng/ul

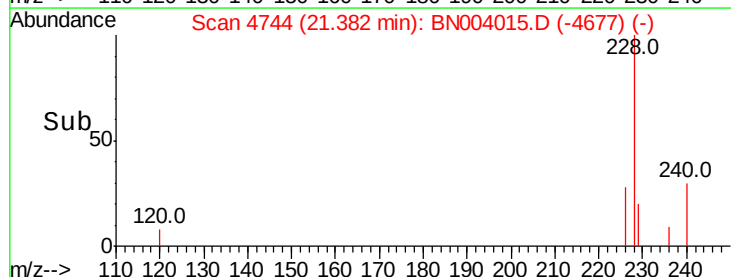
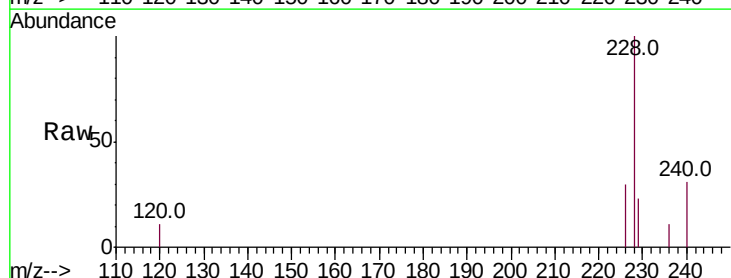
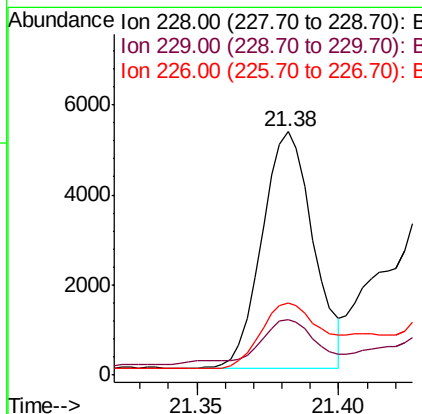
RT: 21.38 min Scan# 4744

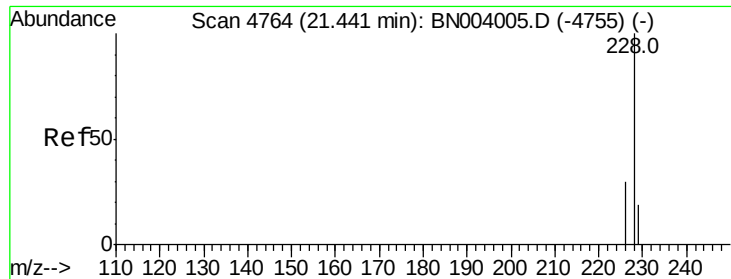
Delta R.T. -0.00 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

Tgt Ion:	228	Resp:	6601
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.6	23.4
226	29.7	21.1	31.7





#19

Chrysene

Concen: 0.148 ng/ul m

RT: 21.43 min Scan# 4762

Delta R.T. -0.01 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

Instrument :

BNA_N

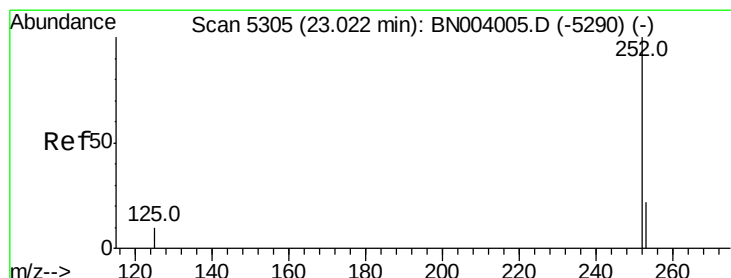
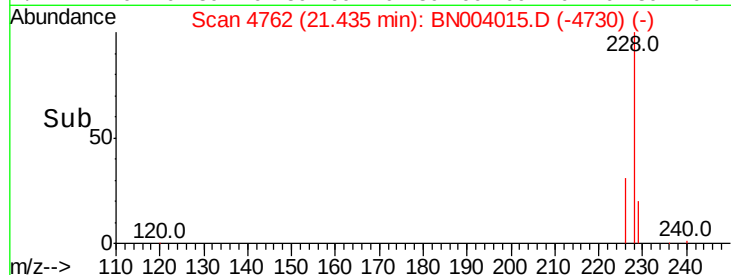
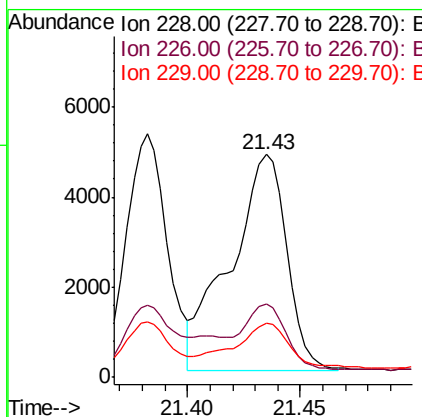
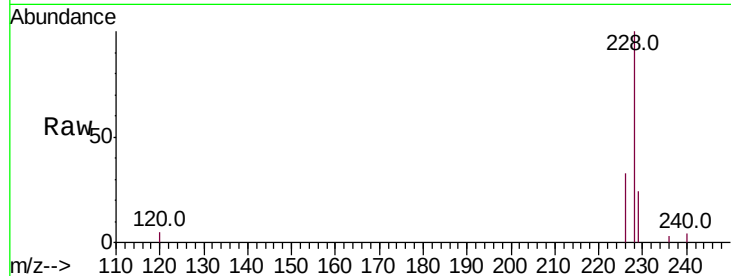
ClientSampled :

F9F16

Tot Ion:228	Resp:	8359
Ion Ratio	Lower	Upper
228 100		
226 32.8	24.0	36.0
229 24.2	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.271 ng/ul m

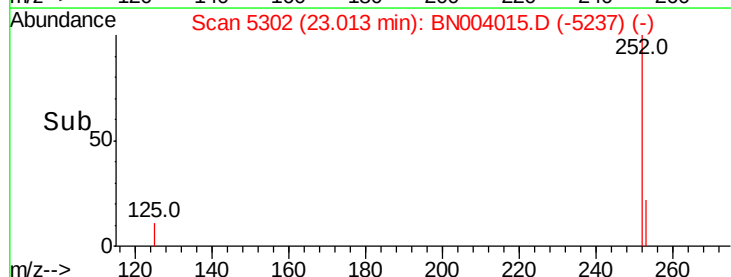
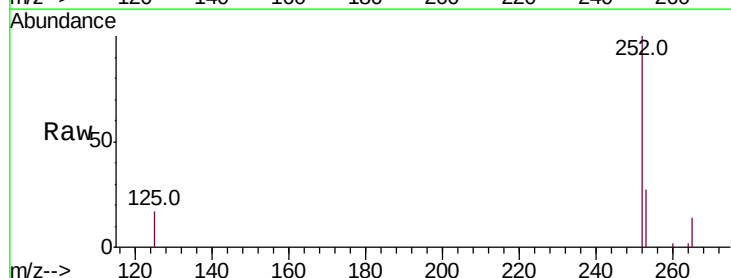
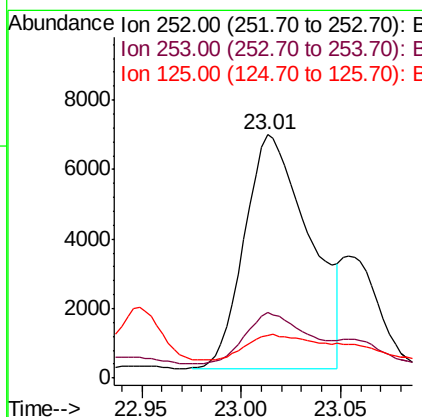
RT: 23.01 min Scan# 5302

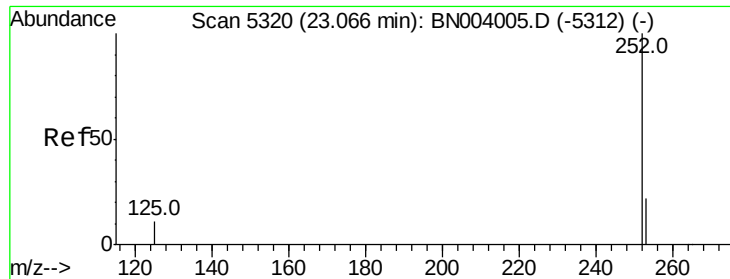
Delta R.T. -0.01 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

Tgt Ion:252	Resp:	15305
Ion Ratio	Lower	Upper
252 100		
253 26.9	0.0	46.0
125 17.4	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.079 ng/ul m

RT: 23.05 min Scan# 5316

Delta R.T. -0.01 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

Instrument :

BNA_N

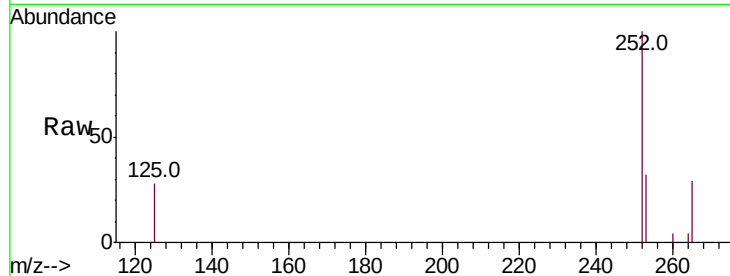
ClientSampled :

F9F16

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.5	27.7#
125	27.6	9.0	13.6#

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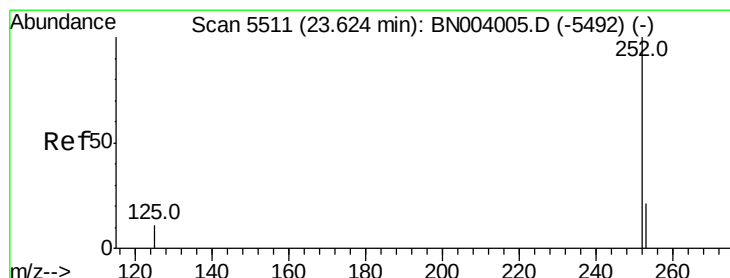
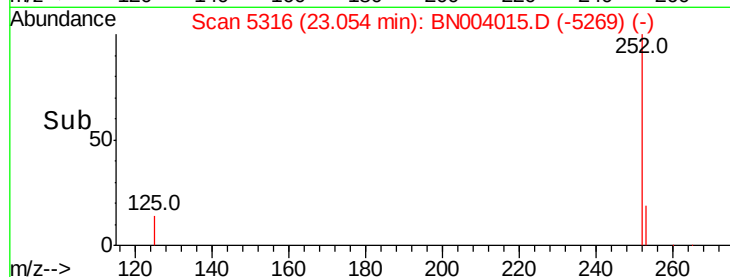
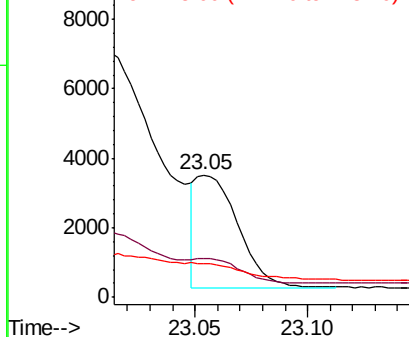


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.132 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. -0.01 min

Lab File: BN004015.D

Acq: 17 Dec 2018 03:03

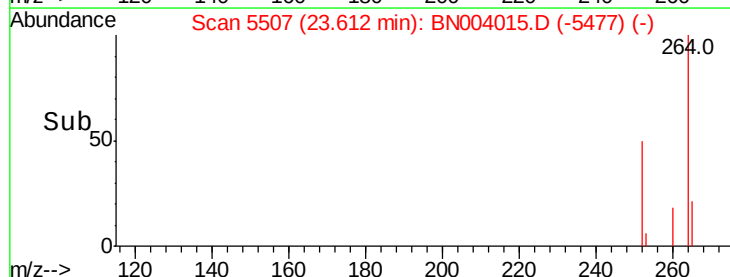
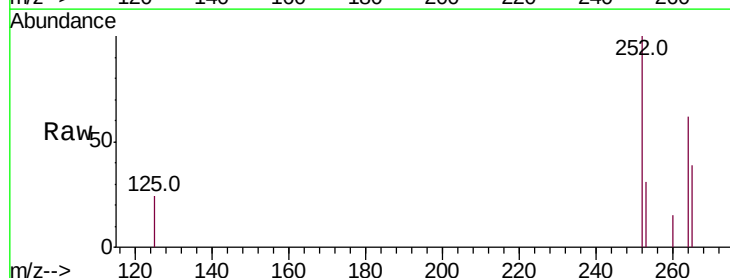
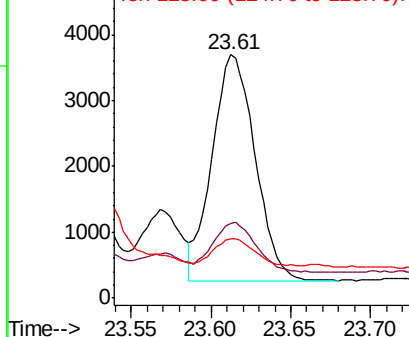
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	19.0	28.4#
125	24.2	10.2	15.4#

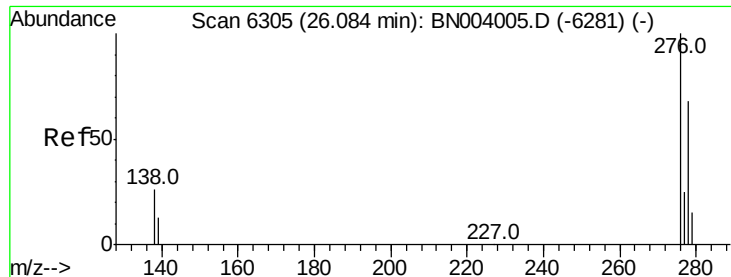
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





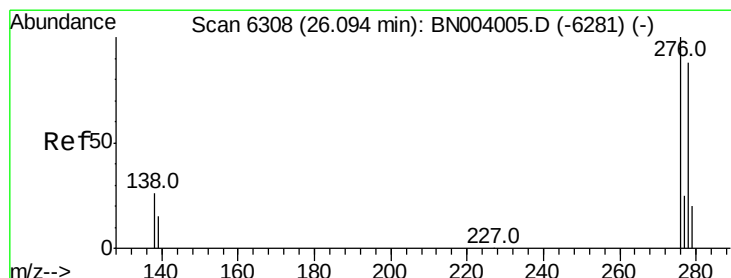
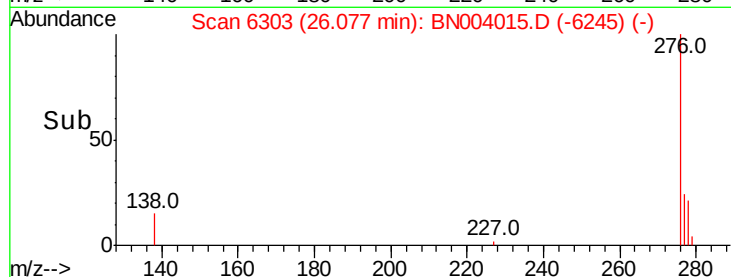
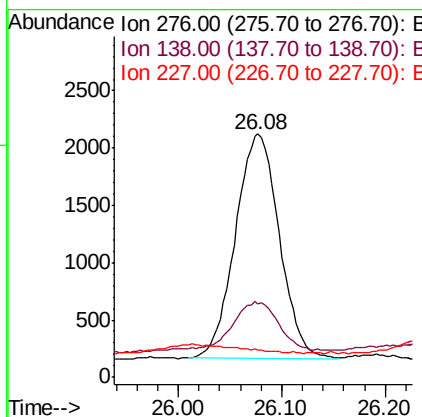
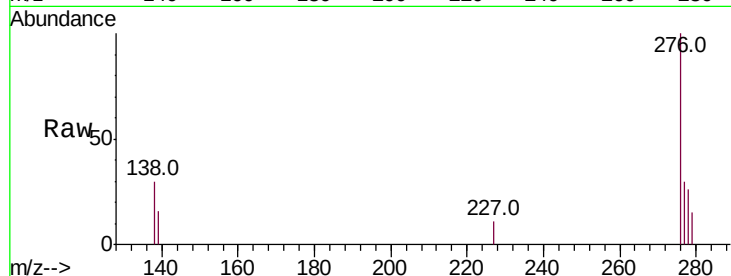
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. -0.01 min
Lab File: BN004015.D
Acq: 17 Dec 2018 03:03

Instrument :
BNA_N
ClientSampled :
F9F16

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.3	30.5
227	0.0	0.2	0.2#

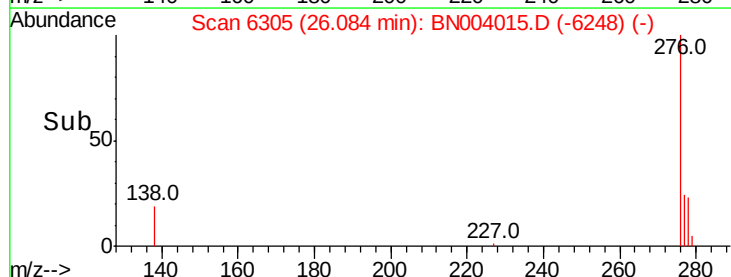
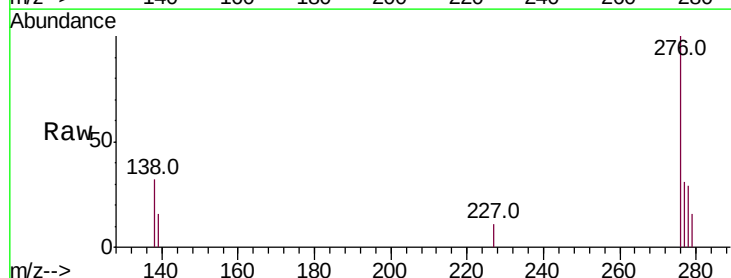
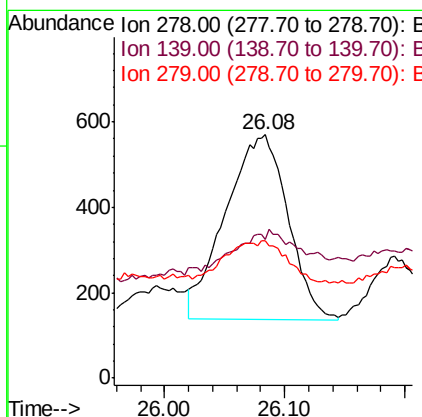
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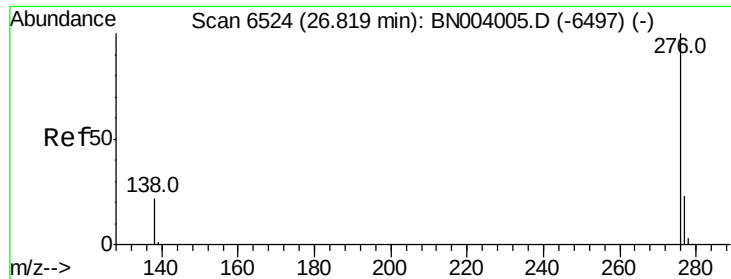
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#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.08 min Scan# 6305
Delta R.T. -0.01 min
Lab File: BN004015.D
Acq: 17 Dec 2018 03:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	57.2	14.2	21.4#
279	56.7	19.8	29.6#





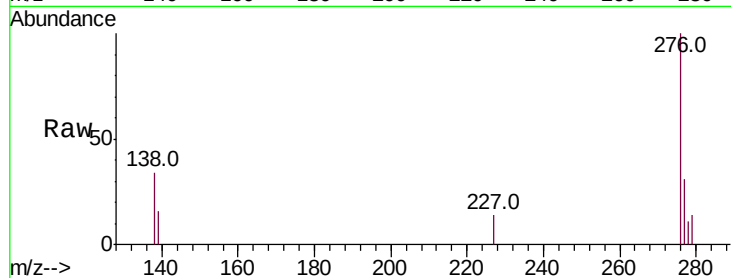
#26
 Benzo(a,h,i)perylene
 Concen: 0.096 ng/ul
 RT: 26.81 min Scan# 6521
 Delta R.T. -0.01 min
 Lab File: BN004015.D
 Acq: 17 Dec 2018 03:03

Instrument :
 BNA_N
 ClientSampleId :
 F9F16

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	17.7	26.5#
277	31.5	19.3	28.9#

Manual Integrations
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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

