

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
 Data File : BN003040.D
 Acq On : 09 Oct 2018 23:01
 Operator : MJ/SJ
 Sample : J5157-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

Manual Integrations
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Quant Time: Oct 10 02:21:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 01:34:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1875	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7679	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4497	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	9359m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5952m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5890	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4934	0.41	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	9762m	0.36	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	422	0.021	ng/ul#	63
7) Acenaphthylene	13.98	152	560	0.027	ng/ul#	77
12) Phenanthrene	17.06	178	1072m	0.041	ng/ul	
13) Anthracene	17.15	178	1778m	0.072	ng/ul	
15) Fluoranthene	19.09	202	3312m	0.108	ng/ul	
17) Pyrene	19.45	202	3300m	0.143	ng/ul	
18) Benzo(a)anthracene	21.22	228	2059m	0.107	ng/ul	
19) Chrysene	21.27	228	3802	0.195	ng/ul	95
21) Benzo(b)fluoranthene	22.78	252	4320m	0.204	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	1569m	0.071	ng/ul	
23) Benzo(a)pyrene	23.34	252	2642	0.139	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.67	276	1793	0.082	ng/ul#	92
26) Benzo(g,h,i)perylene	26.35	276	1763	0.096	ng/ul#	77

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

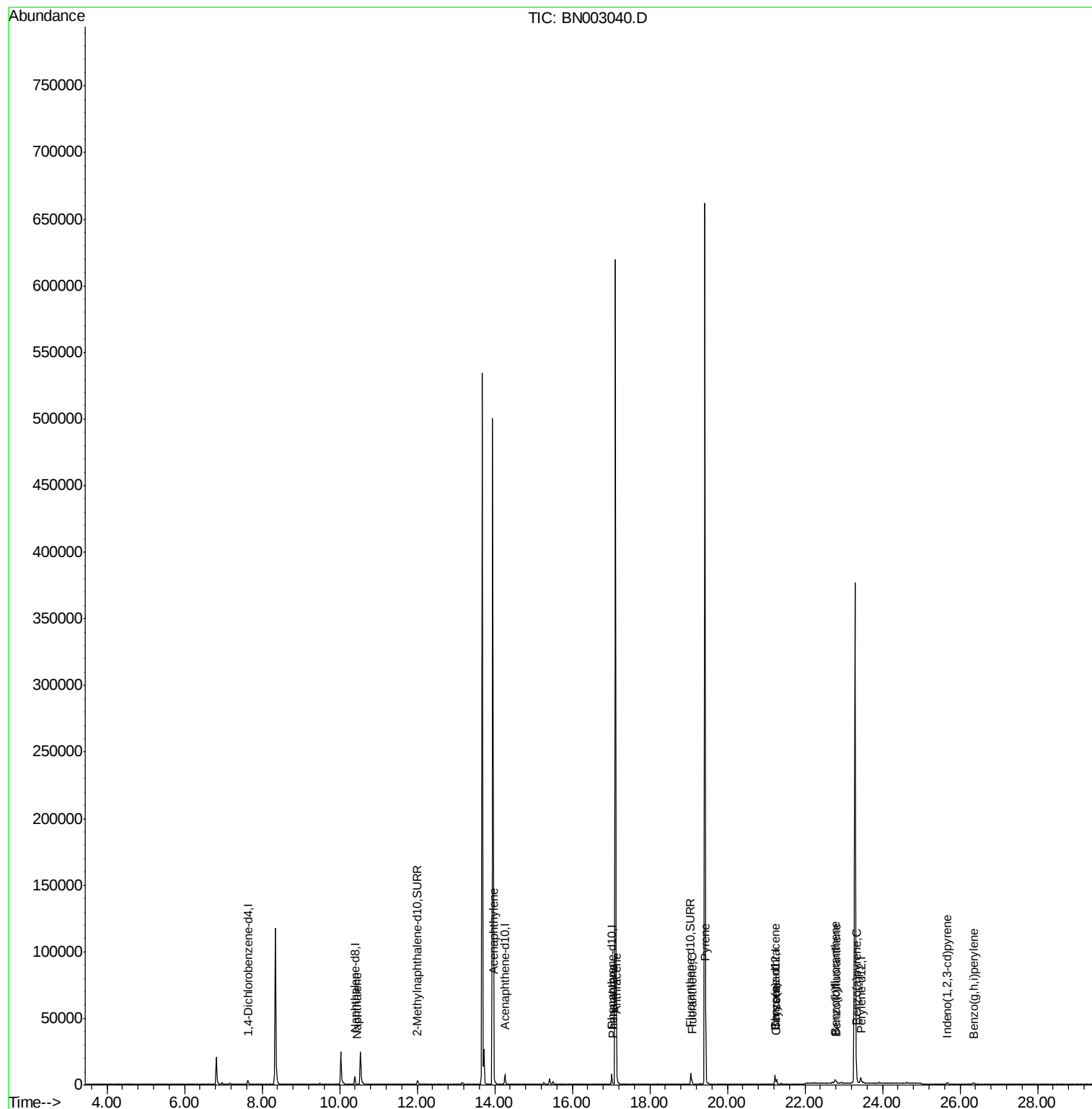
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003040.D
Acq On : 09 Oct 2018 23:01
Operator : MJ/SJ
Sample : J5157-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

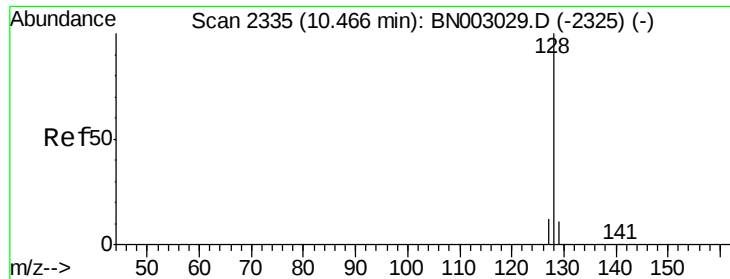
Instrument :
BNA_N
ClientSampleId :
C0AD2

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Quant Time: Oct 10 02:21:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 01:34:31 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Instrument :

BNA_N

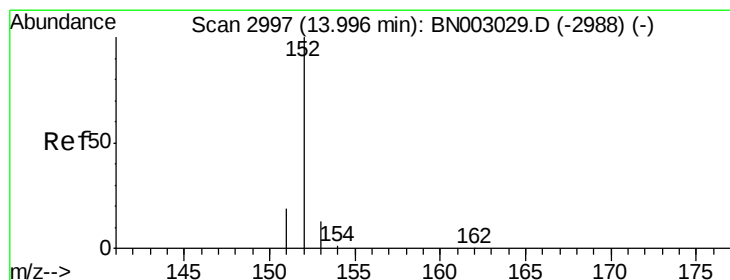
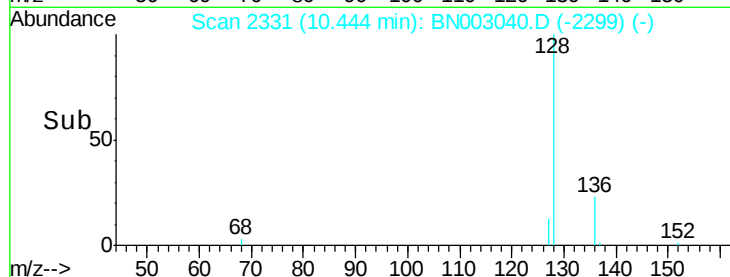
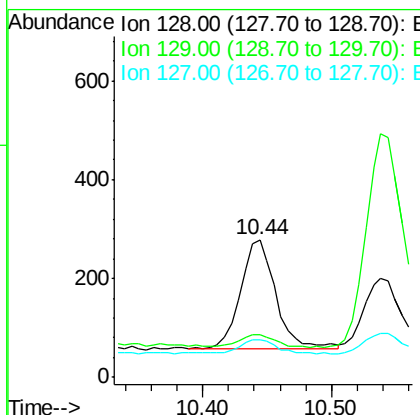
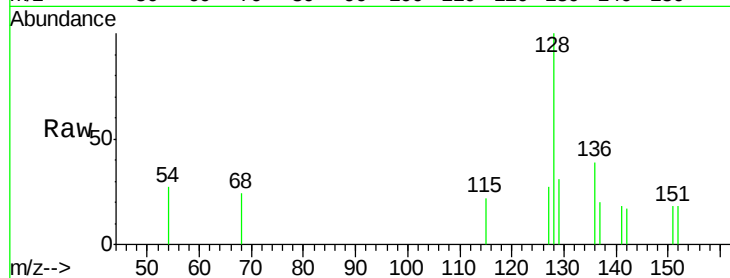
ClientSampleId :

C0AD2

Tgt Ion:	128	Resp:	422
Ion Ratio	Lower	Upper	
128	100		
129	30.9	10.4	15.6#
127	27.0	11.7	17.5#

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#7

Acenaphthylene

Concen: 0.027 ng/ul

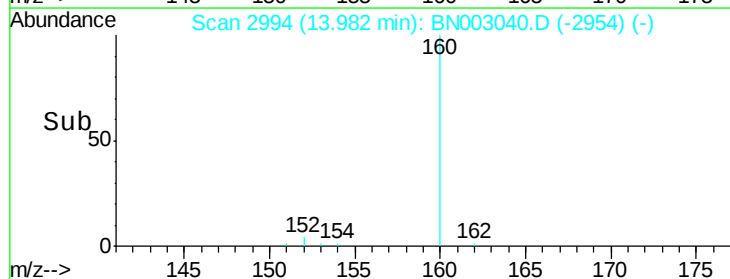
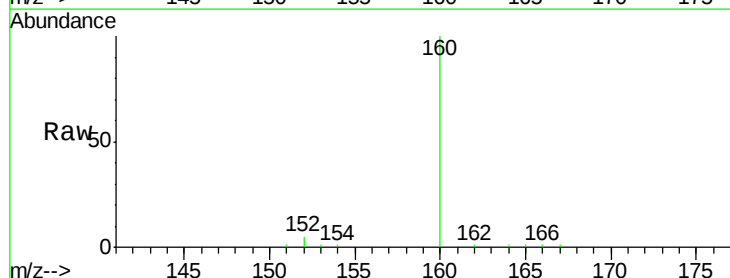
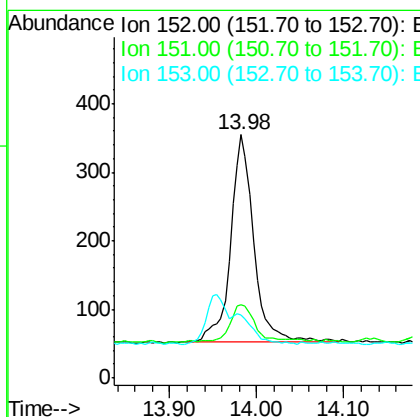
RT: 13.98 min Scan# 2994

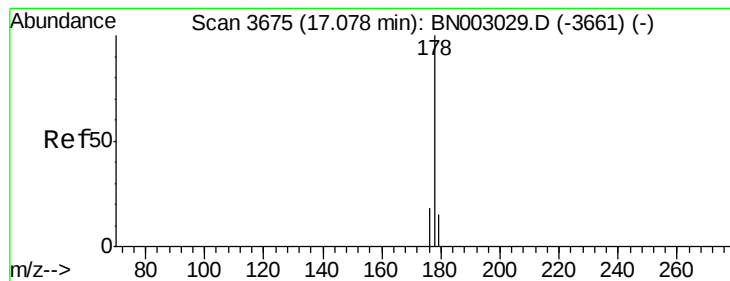
Delta R.T. -0.01 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Tgt Ion:	152	Resp:	560
Ion Ratio	Lower	Upper	
152	100		
151	30.1	16.5	24.7#
153	25.6	11.4	17.2#





#12

Phenanthrene

Concen: 0.041 ng/ul m

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Instrument :

BNA_N

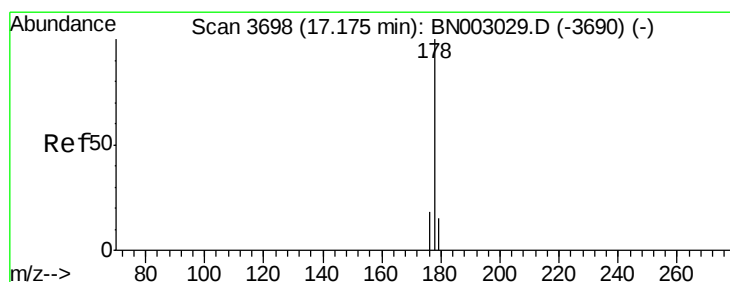
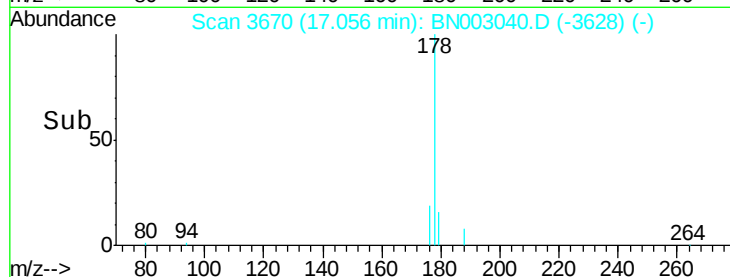
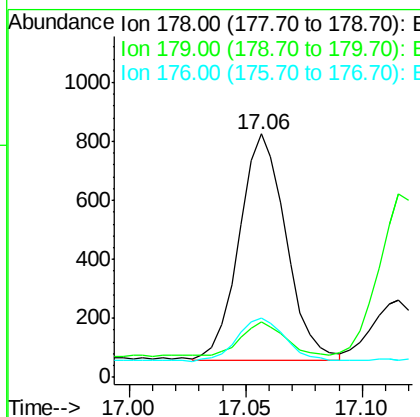
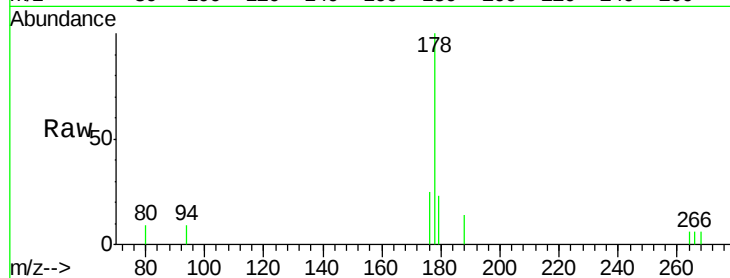
ClientSampled :

C0AD2

Tgt Ion:	178	Resp:	1072
Ion Ratio	Lower	Upper	
178	100		
179	22.8	12.9	19.3#
176	24.6	15.4	23.2#

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#13

Anthracene

Concen: 0.072 ng/ul m

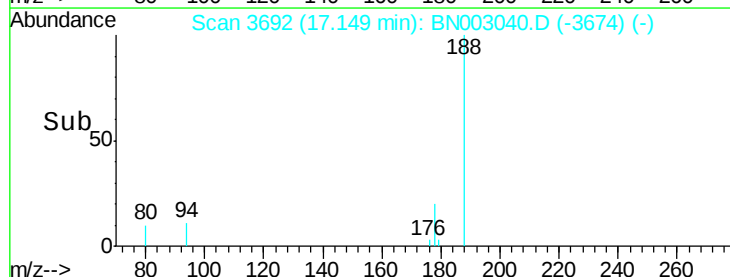
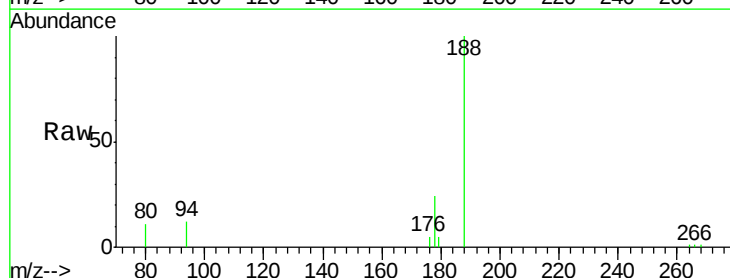
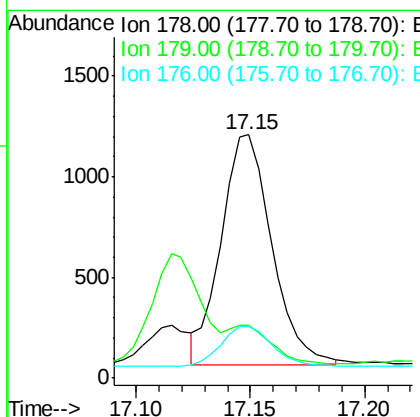
RT: 17.15 min Scan# 3692

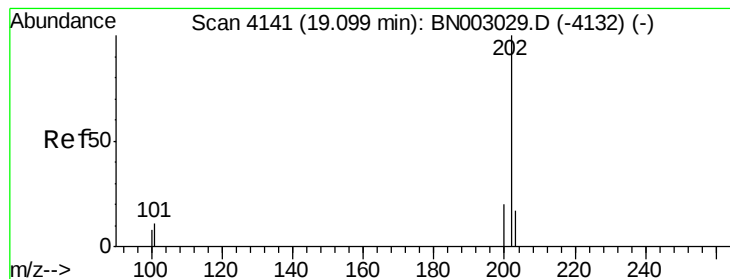
Delta R.T. -0.03 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Tgt Ion:	178	Resp:	1778
Ion Ratio	Lower	Upper	
178	100		
179	21.9	13.0	19.6#
176	21.3	15.3	22.9





#15

Fluoranthene

Concen: 0.108 ng/ul m

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003040.D

Acq: 09 Oct 2018 23:01

Instrument :

BNA_N

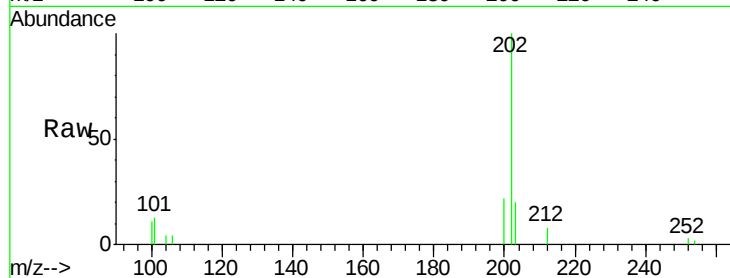
ClientSampleId :

C0AD2

Tgt Ion:	202	Resp:	3312
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	32.3
100	10.5	0.0	29.1

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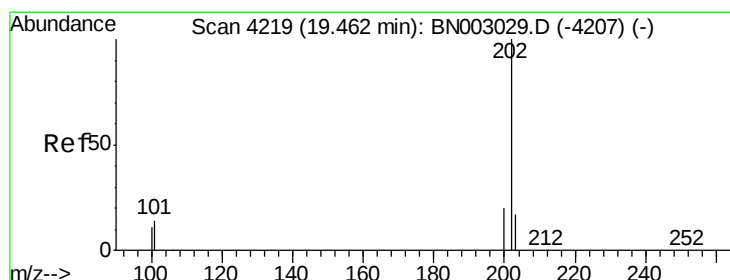
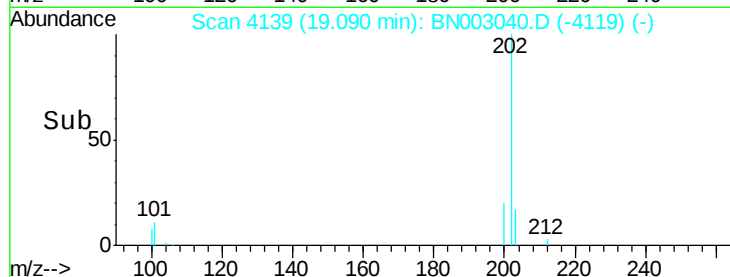
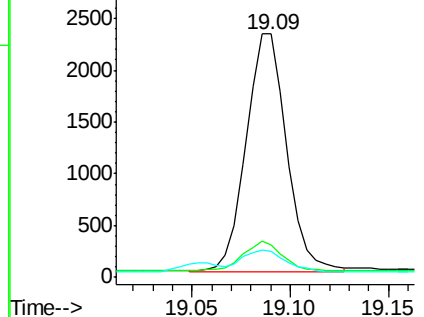
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.143 ng/ul m

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003040.D

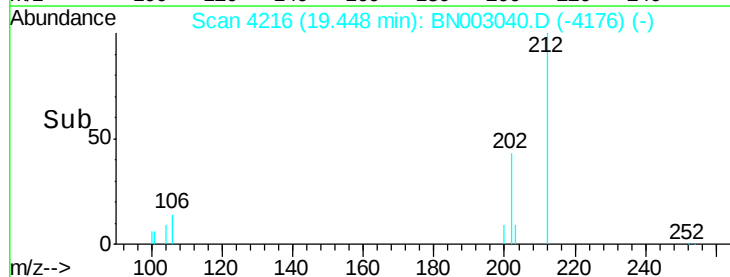
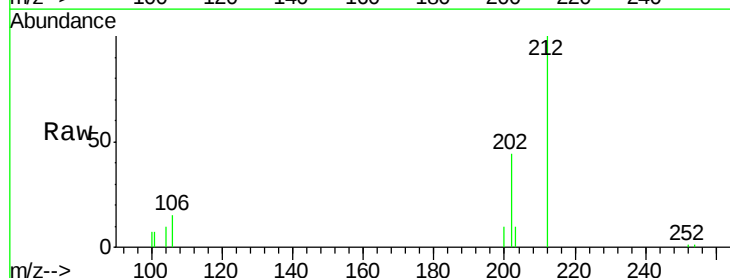
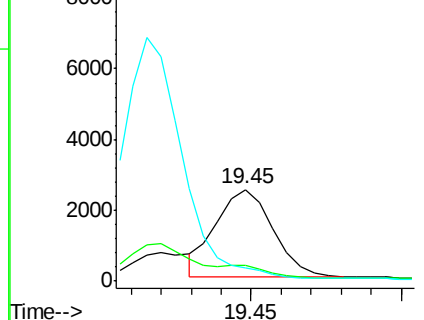
Acq: 09 Oct 2018 23:01

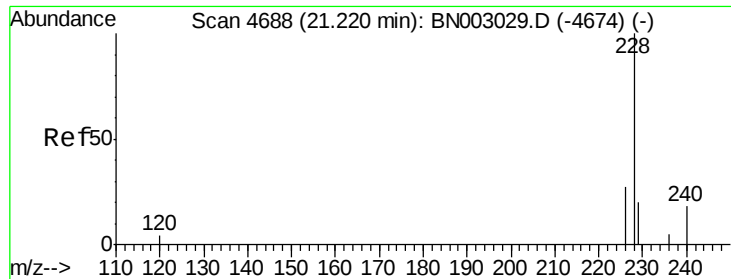
Tgt Ion:	202	Resp:	3300
Ion Ratio	Lower	Upper	
202	100		
101	17.0	11.9	17.9
100	15.1	9.9	14.9#

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





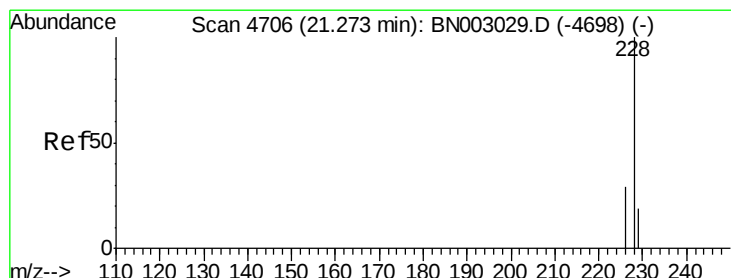
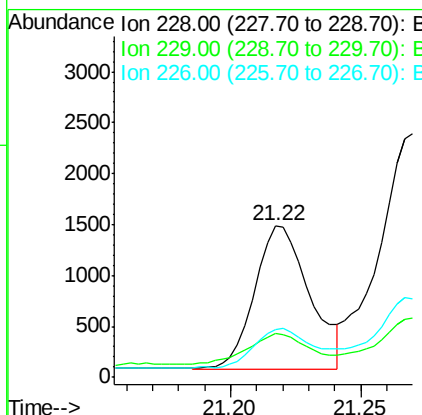
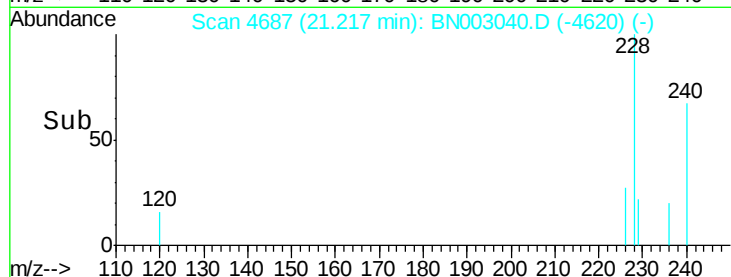
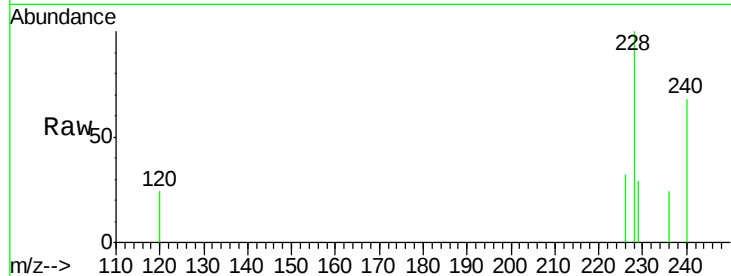
#18
Benzo(a)anthracene
Concen: 0.107 ng/ul m
RT: 21.22 min Scan# 4687
Delta R.T. -0.00 min
Lab File: BN003040.D
Acq: 09 Oct 2018 23:01

Instrument :
BNA_N
ClientSampleId :
C0AD2

Tgt Ion:228 Resp: 2059
Ion Ratio Lower Upper
228 100
229 28.8 16.2 24.2#
226 31.8 22.3 33.5

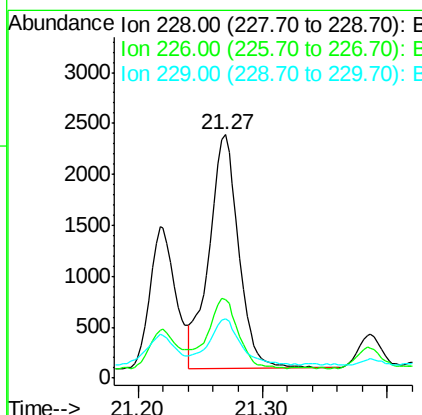
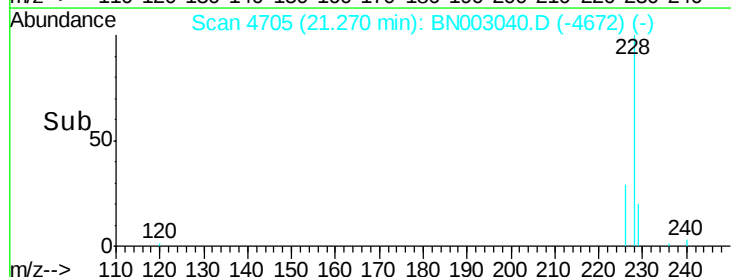
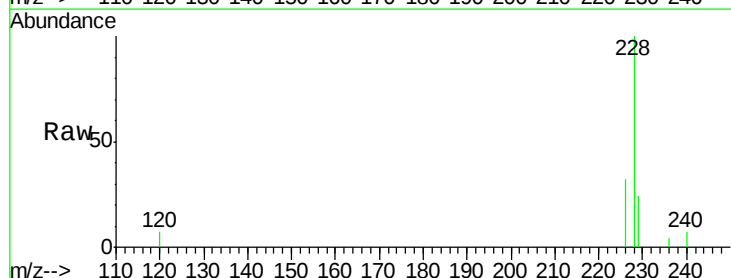
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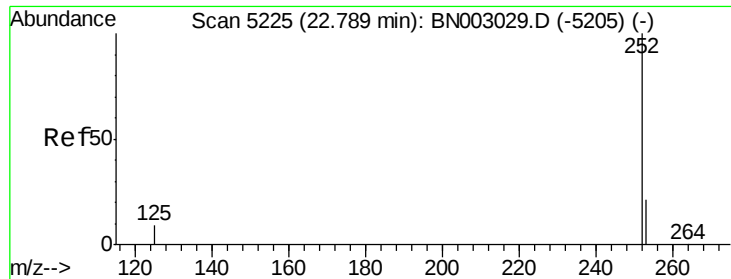
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#19
Chrysene
Concen: 0.195 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003040.D
Acq: 09 Oct 2018 23:01

Tgt Ion:228 Resp: 3802
Ion Ratio Lower Upper
228 100
226 32.2 24.2 36.4
229 24.2 16.7 25.1





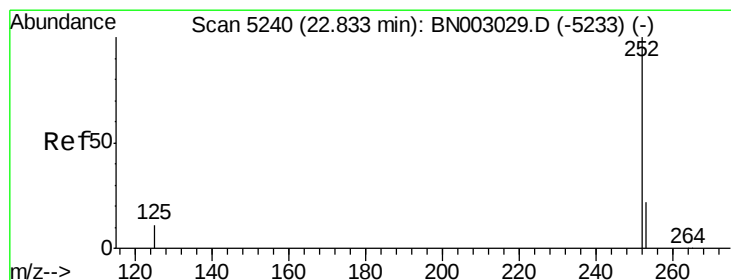
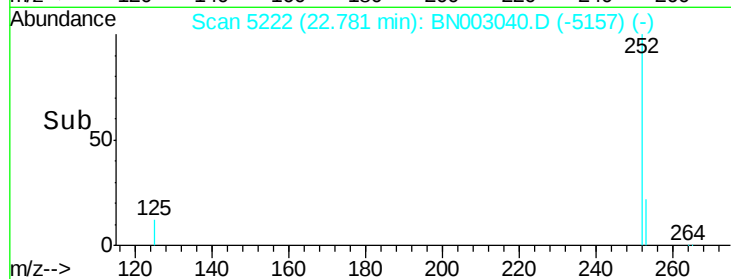
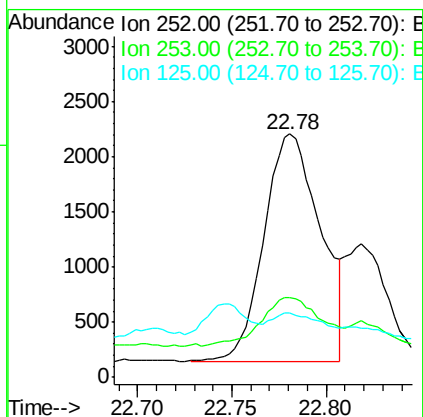
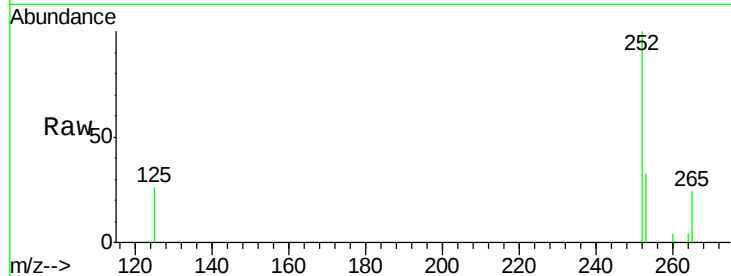
#21
Benzo(b)fluoranthene
Concen: 0.204 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003040.D
Acq: 09 Oct 2018 23:01

Instrument :
BNA_N
ClientSampleId :
C0AD2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.7	0.0	53.2
125	26.4	0.0	34.2

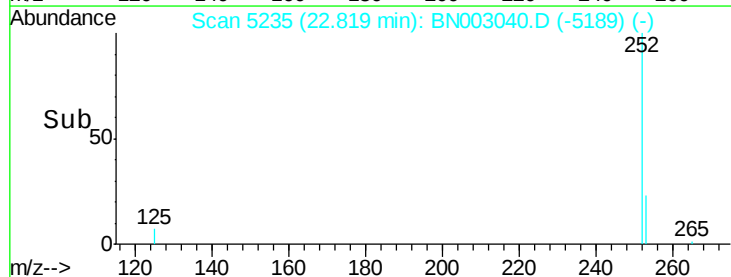
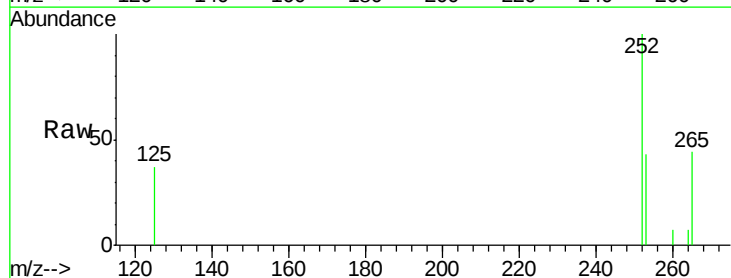
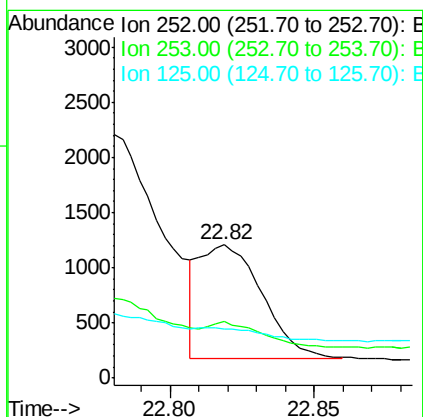
Manual Integrations
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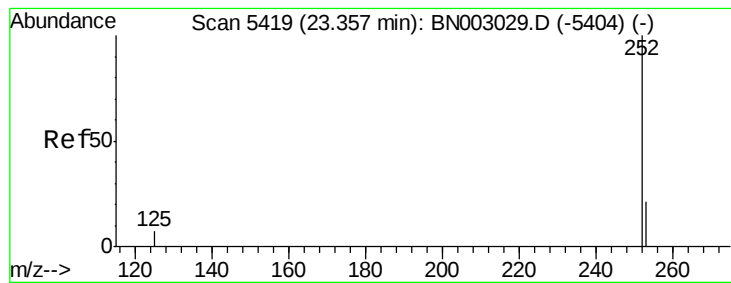
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#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003040.D
Acq: 09 Oct 2018 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.6	21.3	31.9#
125	36.7	14.1	21.1#





#23

Benzo(a)pyrene

Concen: 0.139 ng/u1

RT: 23.34 min Scan# 5412

Delta R.T. -0.02 min

Lab File: BN003040.D

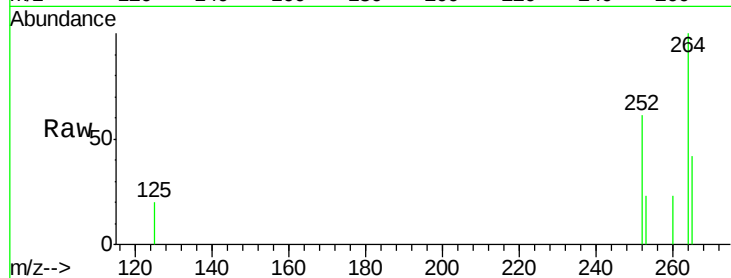
Acq: 09 Oct 2018 23:01

Instrument :

BNA_N

ClientSampleId :

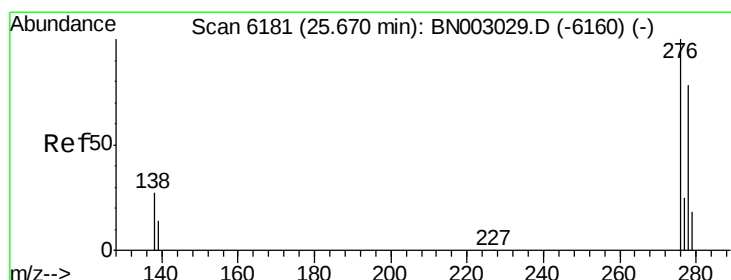
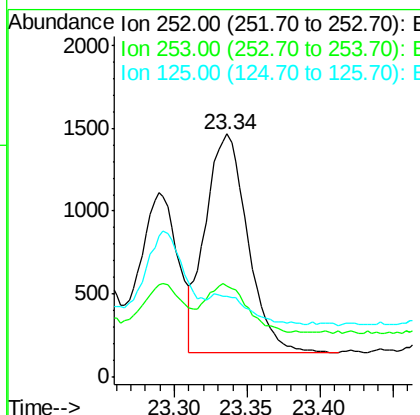
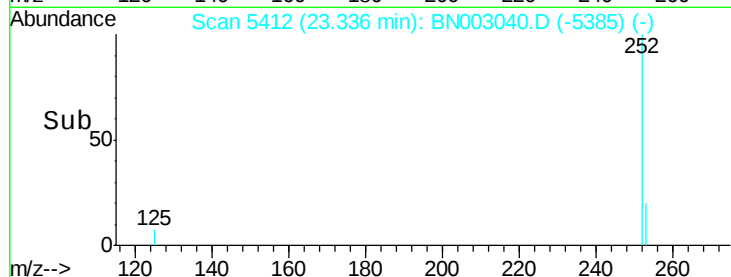
C0AD2



Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.3	23.1	34.7#
125	33.4	16.9	25.3#

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#24

Indeno(1,2,3-cd)pyrene

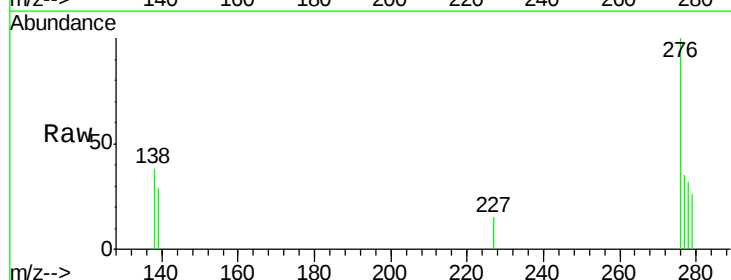
Concen: 0.082 ng/u1

RT: 25.67 min Scan# 6182

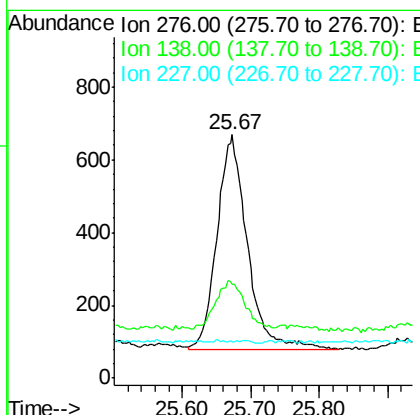
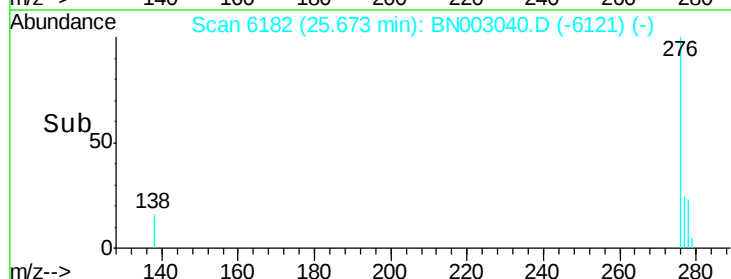
Delta R.T. 0.00 min

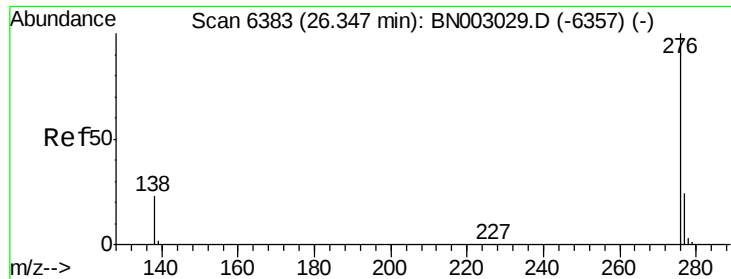
Lab File: BN003040.D

Acq: 09 Oct 2018 23:01



Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.5	32.3
227	0.1	0.3	0.5#





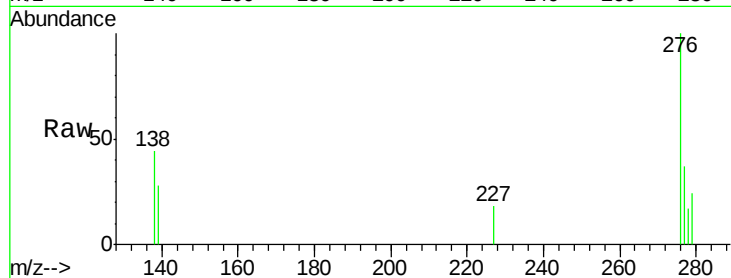
#26
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 26.35 min Scan# 6383
Delta R.T. 0.00 min
Lab File: BN003040.D
Acq: 09 Oct 2018 23:01

Instrument :
BNA_N
ClientSampleId :
C0AD2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	43.9	23.0	34.4#
277	36.6	22.0	33.0#

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

