

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
 Data File : BN008251.D
 Acq On : 18 Oct 2019 17:24
 Operator : JU
 Sample : K5178-05DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE8DL

Manual Integrations
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mohammad
 10/22/2019 1:40:32 AM

Quant Time: Oct 18 18:08:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:22:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3675	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	17696	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	11193	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	23515	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	22079	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	19051	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	778	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2406	0.03	ng/ul	0.00

Target Compounds				Ovalue		
7) Acenaphthylene	13.95	152	1336	0.025	ng/ul#	87
12) Phenanthrene	17.02	178	10102	0.147	ng/ul	99
13) Anthracene	17.11	178	1950	0.032	ng/ul#	90
15) Fluoranthene	19.05	202	23038	0.253	ng/ul	99
17) Pyrene	19.41	202	24902	0.283	ng/ul	99
18) Benzo(a)anthracene	21.17	228	13200	0.164	ng/ul	95
19) Chrysene	21.22	228	13791	0.140	ng/ul	97
21) Benzo(b)fluoranthene	22.72	252	15661m	0.253	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	6371m	0.091	ng/ul	
23) Benzo(a)pyrene	23.26	252	11064	0.170	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.52	276	6507	0.085	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.53	278	1547	0.025	ng/ul#	45
26) Benzo(g,h,i)perylene	26.17	276	6382	0.091	ng/ul#	91

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

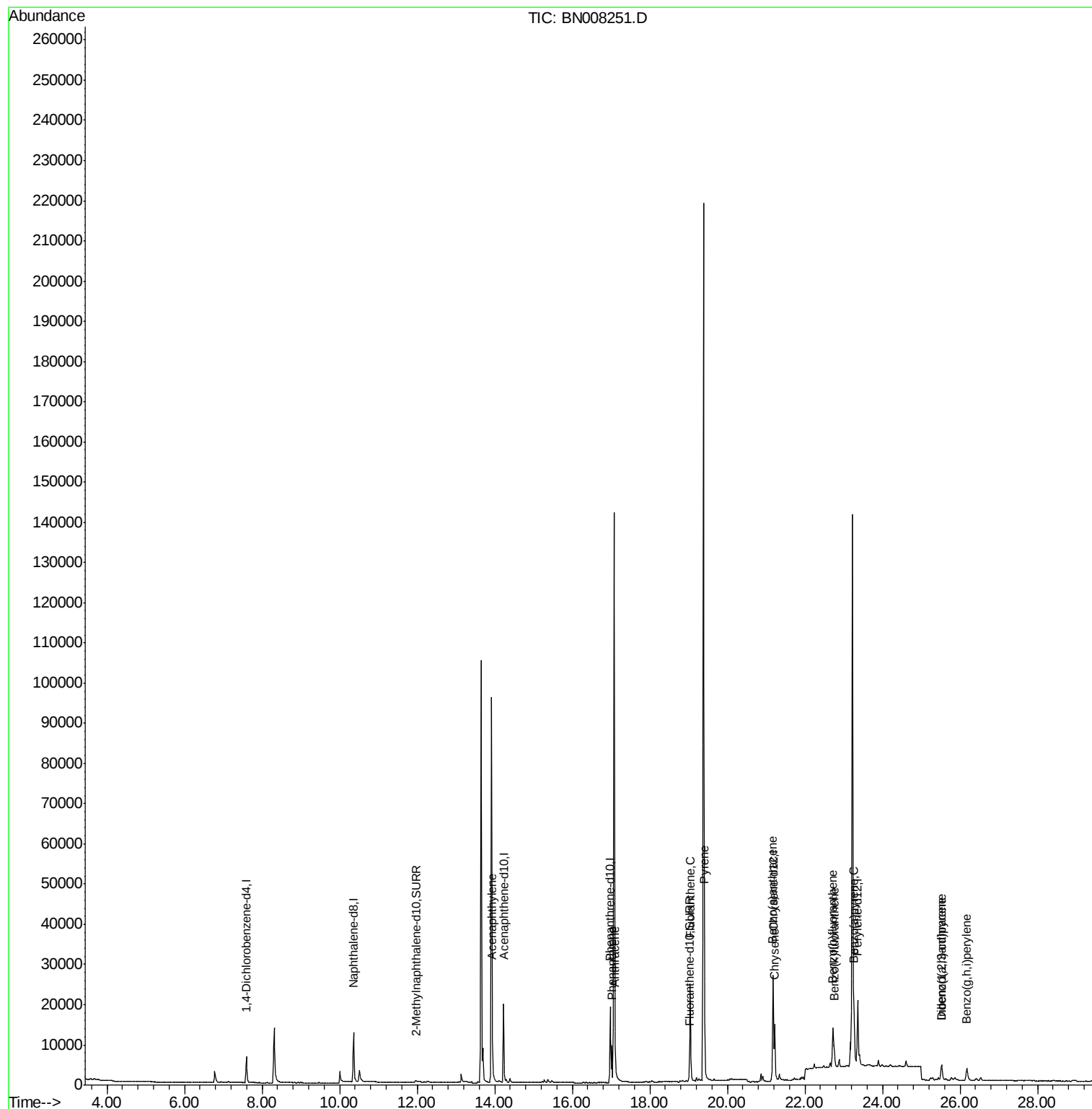
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008251.D
Acq On : 18 Oct 2019 17:24
Operator : JU
Sample : K5178-05DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

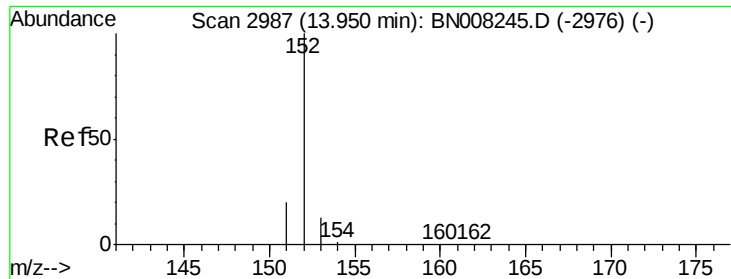
Instrument :
BNA_N
ClientSampleId :
BEPE8DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 17:22:25 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008251.D

Acq: 18 Oct 2019 17:24

Instrument :

BNA_N

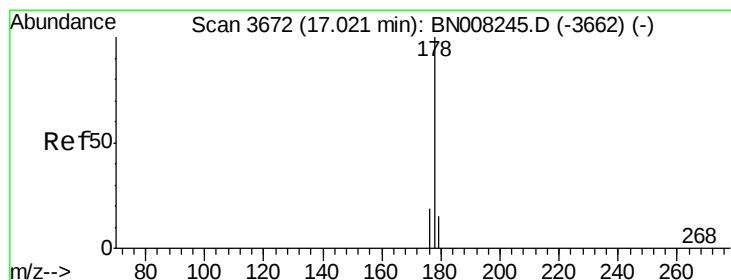
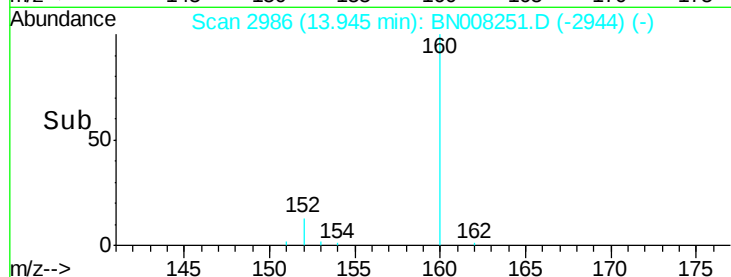
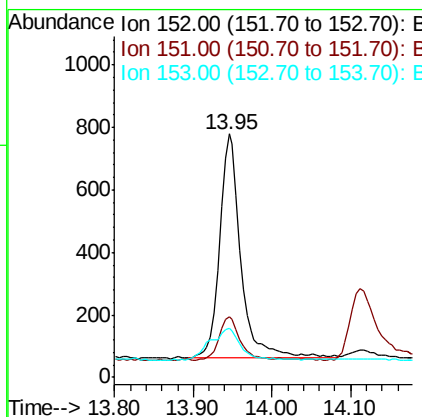
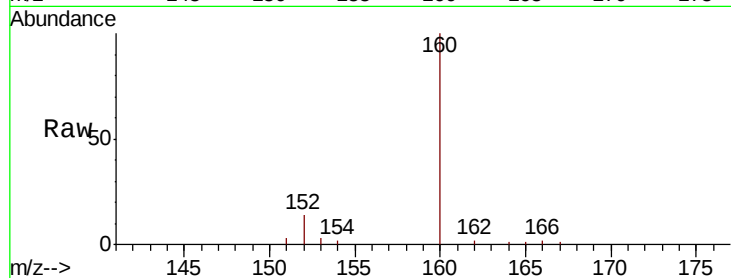
ClientSampleId :

BEPE8DL

Tot Ion:	152	Resp:	1336
Ion Ratio	Lower	Upper	
152	100		
151	25.2	16.2	24.4#
153	20.3	11.0	16.4#

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#12

Phenanthrene

Concen: 0.147 ng/ul

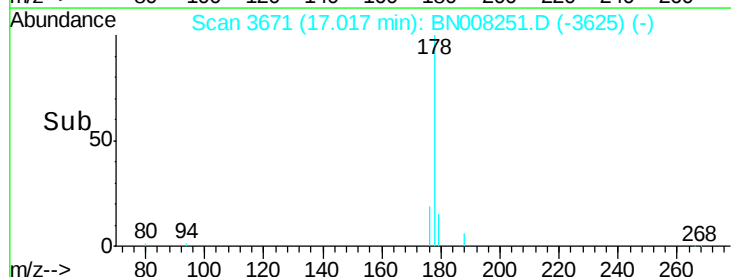
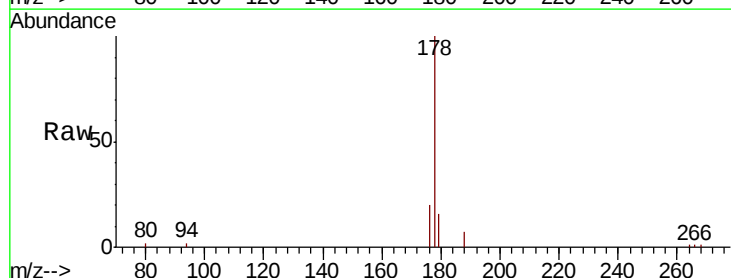
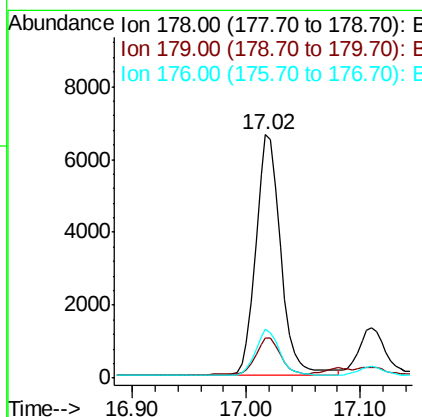
RT: 17.02 min Scan# 3671

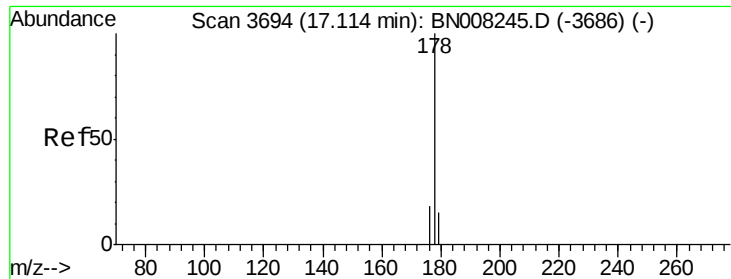
Delta R.T. -0.00 min

Lab File: BN008251.D

Acq: 18 Oct 2019 17:24

Tgt Ion:	178	Resp:	10102
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	20.0	15.4	23.2





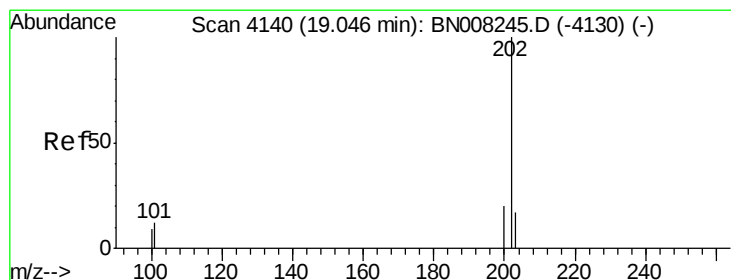
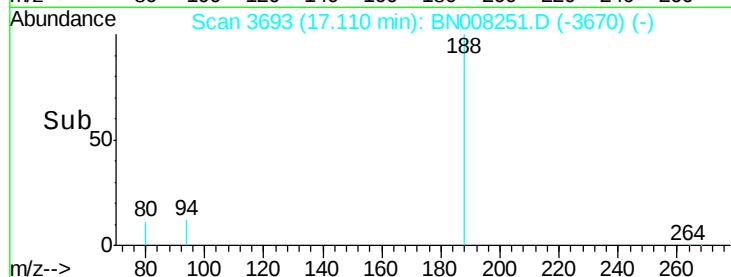
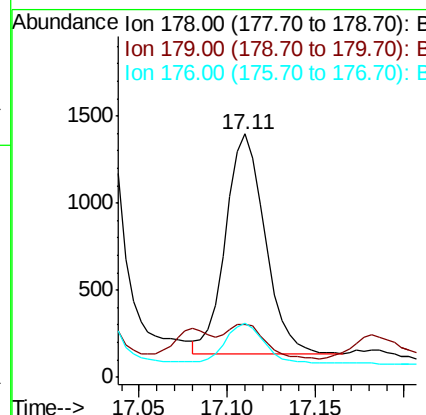
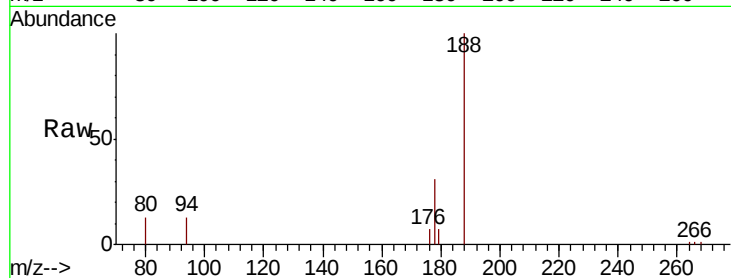
#13
 Anthracene
 Concen: 0.032 ng/ul
 RT: 17.11 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: BN008251.D
 Acq: 18 Oct 2019 17:24

Instrument :
 BNA_N
 ClientSampleId :
 BEPE8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.0	13.0	19.6#
176	22.2	15.0	22.6

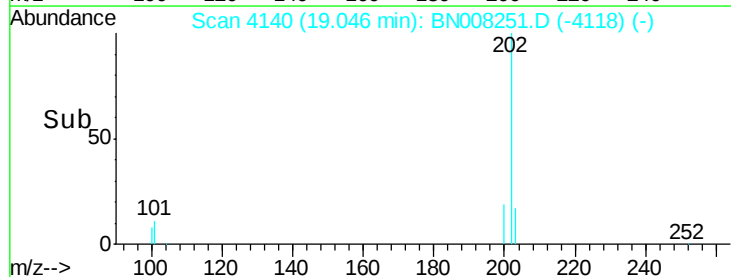
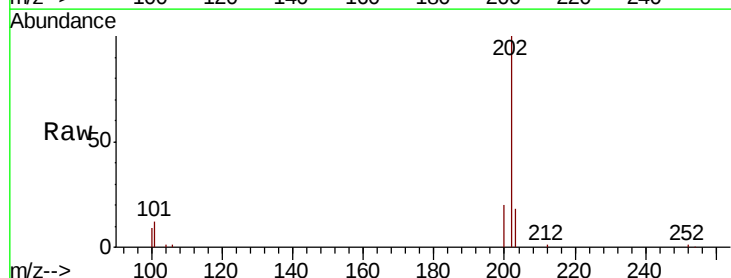
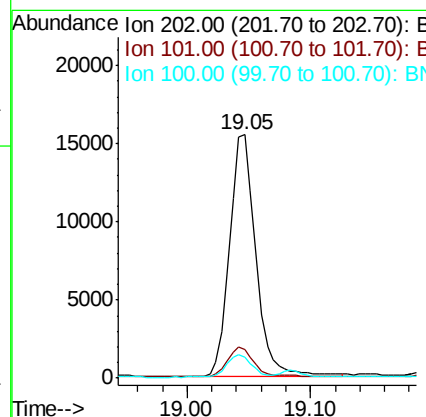
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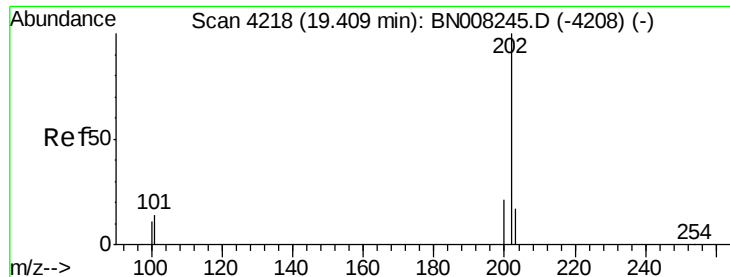
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#15
 Fluoranthene
 Concen: 0.253 ng/ul
 RT: 19.05 min Scan# 4140
 Delta R.T. 0.00 min
 Lab File: BN008251.D
 Acq: 18 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
100	8.7	0.0	28.5





#17

Pvrene

Concen: 0.283 ng/ul

RT: 19.41 min Scan# 4218

Delta R.T. 0.00 min

Lab File: BN008251.D

Acq: 18 Oct 2019 17:24

Instrument :

BNA_N

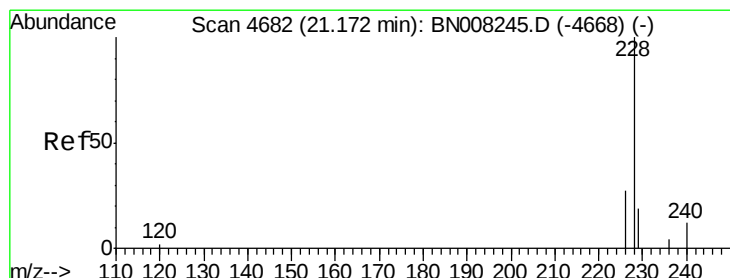
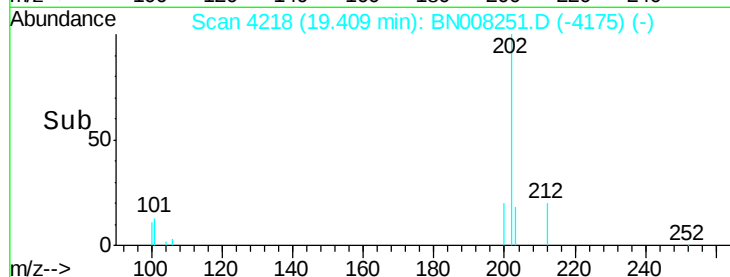
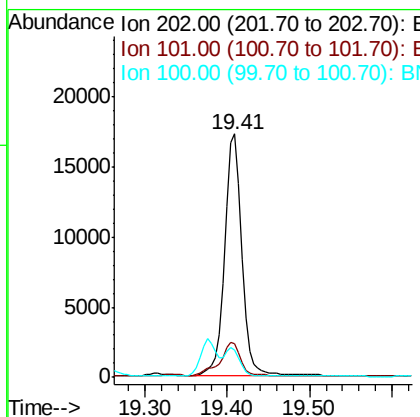
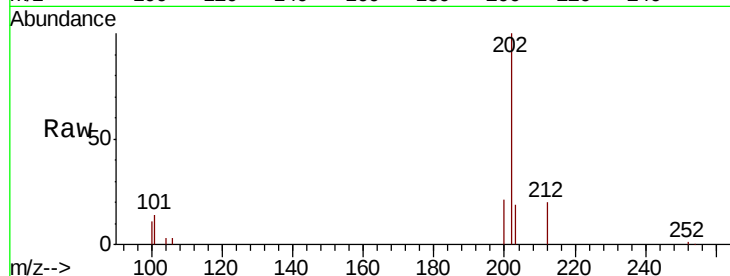
ClientSampleId :

BEPE8DL

Tot Ion:	202	Resp:	24902
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.9	16.3
100	11.2	8.7	13.1

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#18

Benzo(a)anthracene

Concen: 0.164 ng/ul

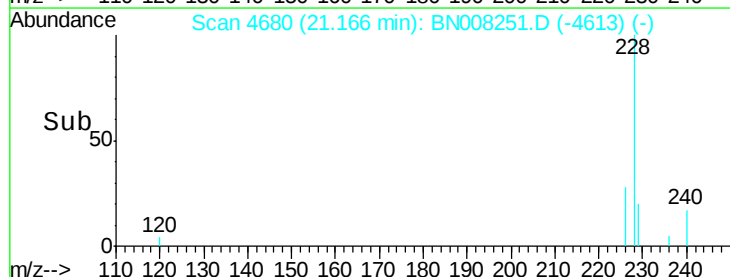
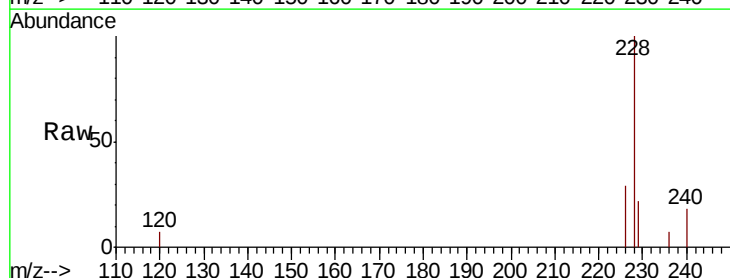
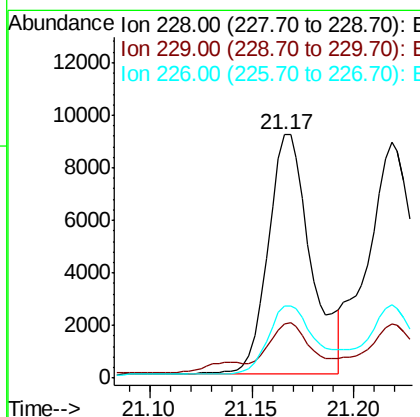
RT: 21.17 min Scan# 4680

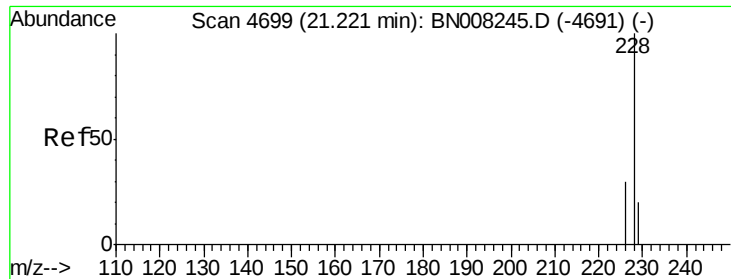
Delta R.T. -0.01 min

Lab File: BN008251.D

Acq: 18 Oct 2019 17:24

Tgt Ion:	228	Resp:	13200
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.2	24.2
226	29.5	21.4	32.0





#19

Chrysene

Concen: 0.140 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. -0.00 min

Lab File: BN008251.D

Acq: 18 Oct 2019 17:24

Instrument :

BNA_N

ClientSampleId :

BEPE8DL

Tot Ion:228 Resp: 13791

Ion Ratio Lower Upper

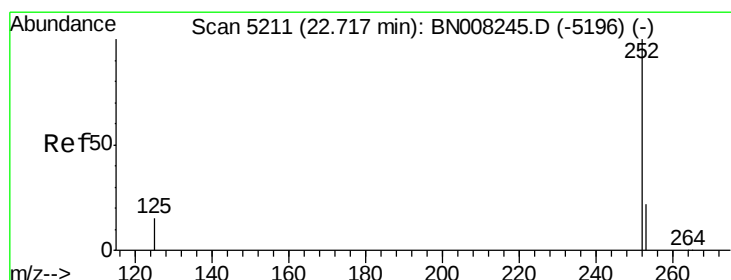
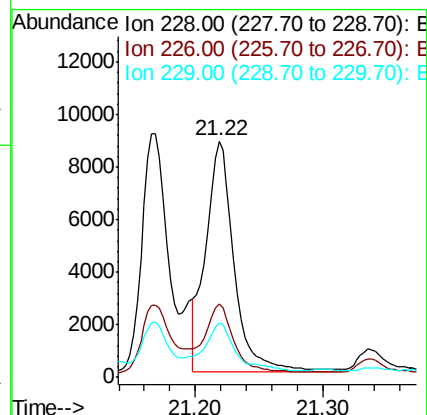
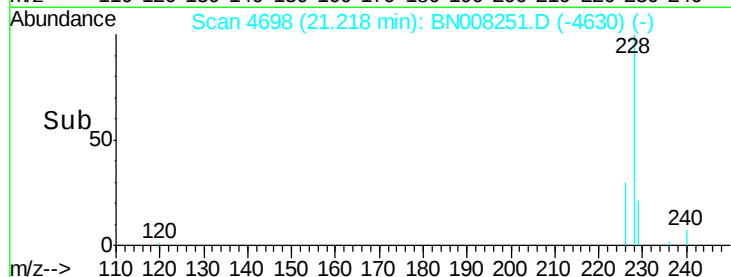
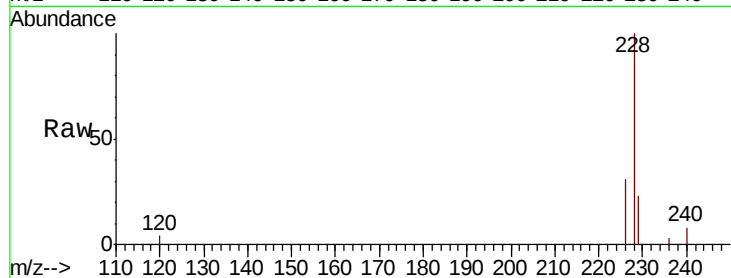
228 100

226 30.8 24.1 36.1

229 22.8 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 0.253 ng/ul m

RT: 22.72 min Scan# 5211

Delta R.T. 0.00 min

Lab File: BN008251.D

Acq: 18 Oct 2019 17:24

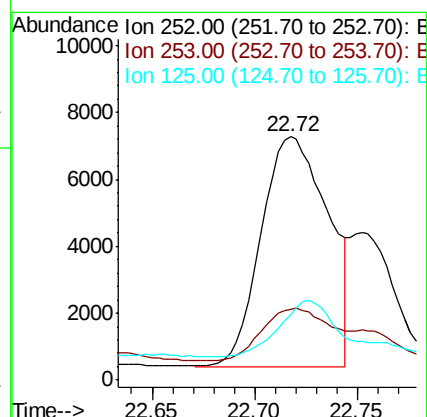
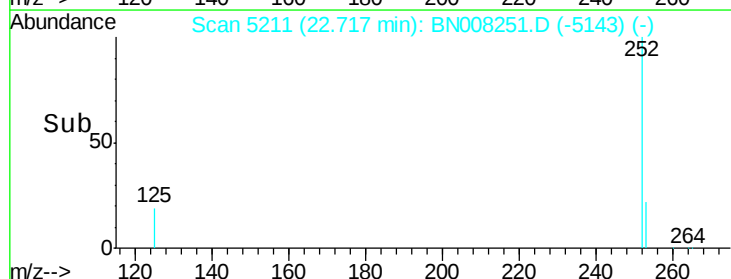
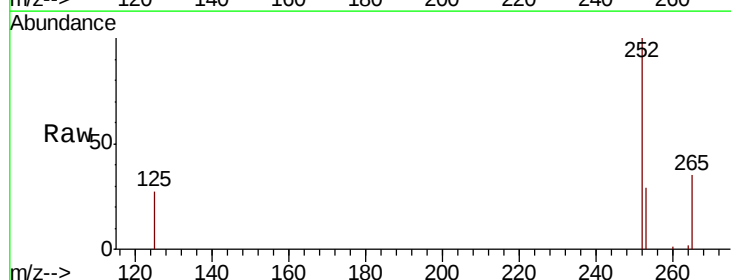
Tgt Ion:252 Resp: 15661

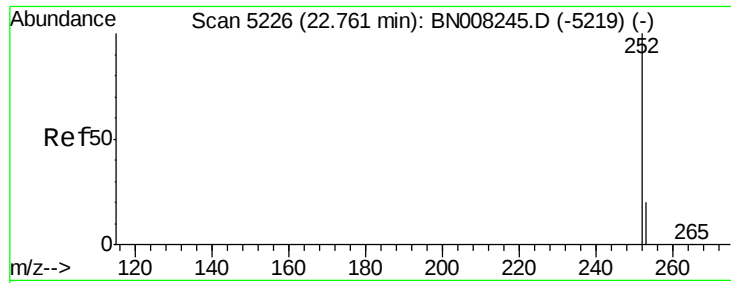
Ion Ratio Lower Upper

252 100

253 29.3 0.0 53.4

125 27.2 0.0 32.4





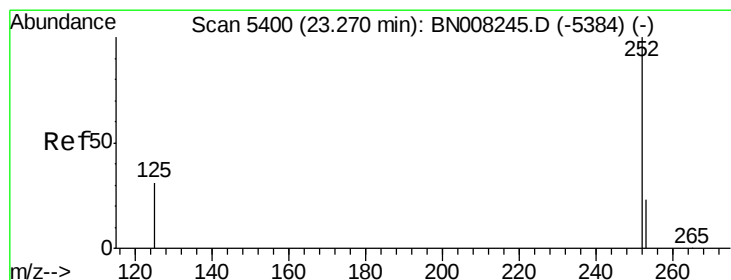
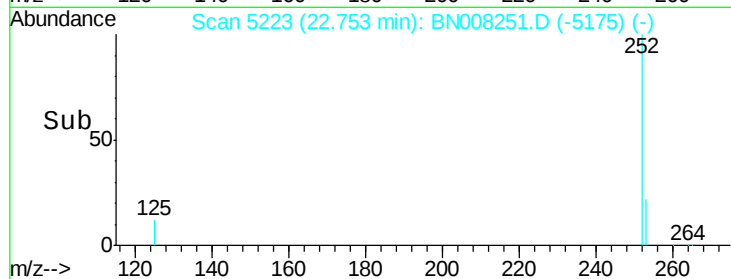
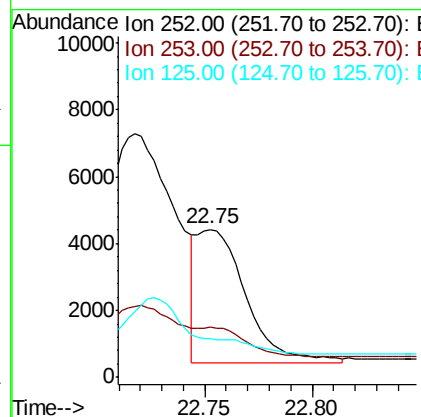
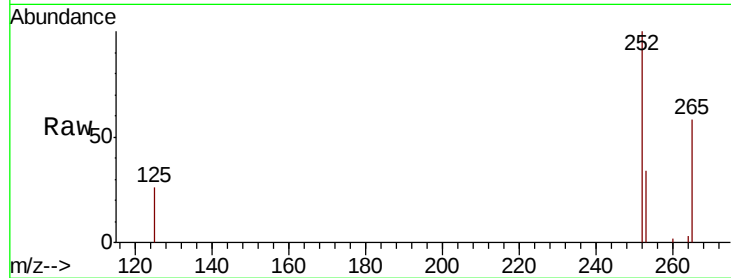
#22
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 22.75 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN008251.D
Acq: 18 Oct 2019 17:24

Instrument :
BNA_N
ClientSampleId :
BEPE8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.3	21.3	31.9#
125	26.1	12.3	18.5#

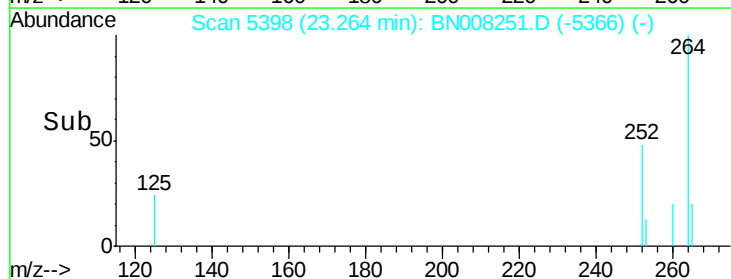
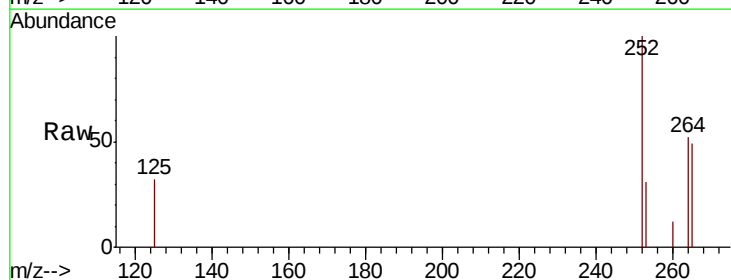
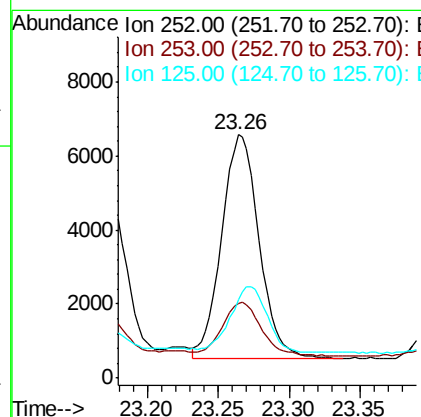
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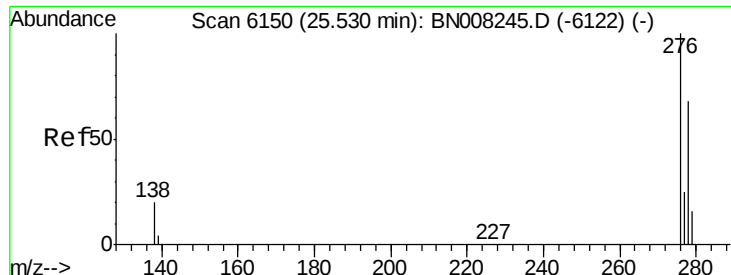
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#23
Benzo(a)pyrene
Concen: 0.170 ng/ul
RT: 23.26 min Scan# 5398
Delta R.T. -0.01 min
Lab File: BN008251.D
Acq: 18 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	22.8	34.2
125	32.4	18.4	27.6#





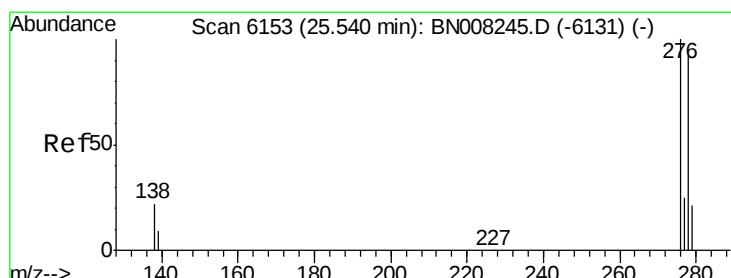
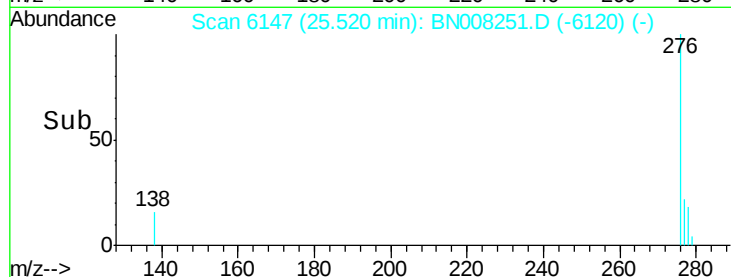
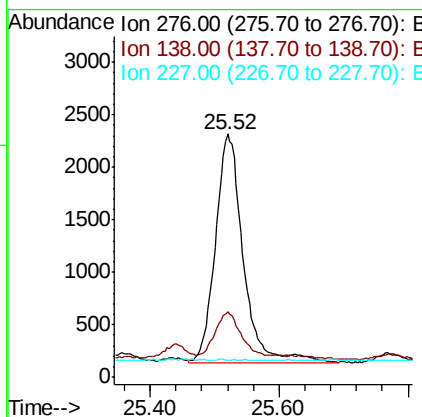
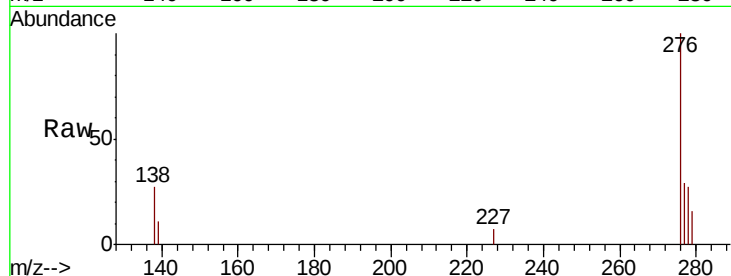
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.085 ng/ul
 RT: 25.52 min Scan# 6147
 Delta R.T. -0.01 min
 Lab File: BN008251.D
 Acq: 18 Oct 2019 17:24

Instrument :
 BNA_N
 ClientSampleId :
 BEPE8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.1	24.1
227	0.1	0.2	0.2

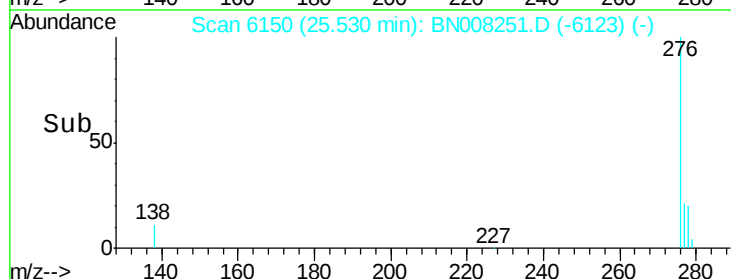
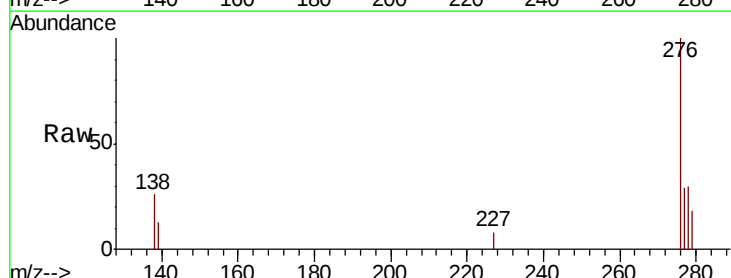
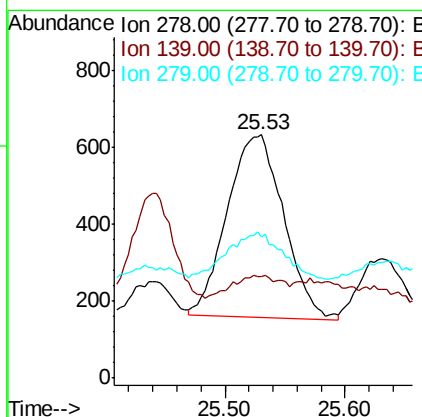
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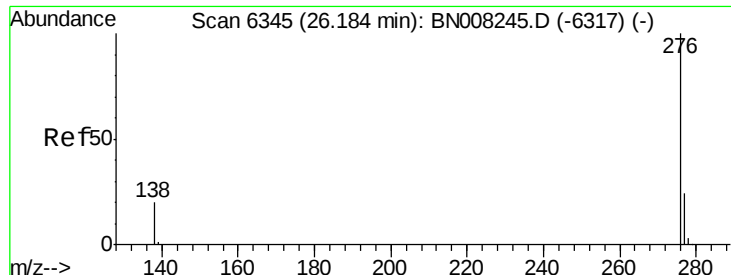
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.025 ng/ul
 RT: 25.53 min Scan# 6150
 Delta R.T. -0.01 min
 Lab File: BN008251.D
 Acq: 18 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.9	15.0	22.6
279	58.1	22.4	33.6





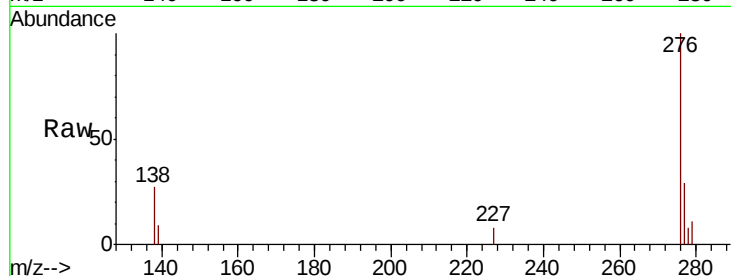
#26
 Benzo(a,h,i)perylene
 Concen: 0.091 ng/ul
 RT: 26.17 min Scan# 6342
 Delta R.T. -0.01 min
 Lab File: BN008251.D
 Acq: 18 Oct 2019 17:24

Instrument :
 BNA_N
 ClientSampleId :
 BEPE8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	17.0	25.4#
277	28.7	20.4	30.6

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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

