

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006274.D
 Acq On : 12 Jun 2019 10:46
 Operator : JU/SJ
 Sample : K3083-07DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51G0DL

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:29 AM

Quant Time: Jun 12 14:41:47 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	26093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13148	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	25503	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	16996	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	21681	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1736	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3226	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1972	0.027	ng/ul#	89
12) Phenanthrene	17.09	178	35748	0.437	ng/ul	99
13) Anthracene	17.18	178	4272	0.055	ng/ul#	93
15) Fluoranthene	19.12	202	122321	1.353	ng/ul	99
17) Pyrene	19.49	202	100864	1.127	ng/ul	100
18) Benzo(a)anthracene	21.25	228	34375	0.457	ng/ul	99
19) Chrysene	21.30	228	55510	0.787	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	78386m	0.867	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	33247m	0.378	ng/ul	
23) Benzo(a)pyrene	23.40	252	46332	0.550	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.74	276	39203	0.430	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	8490	0.117	ng/ul	93
26) Benzo(g,h,i)perylene	26.42	276	37284	0.488	ng/ul	96

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

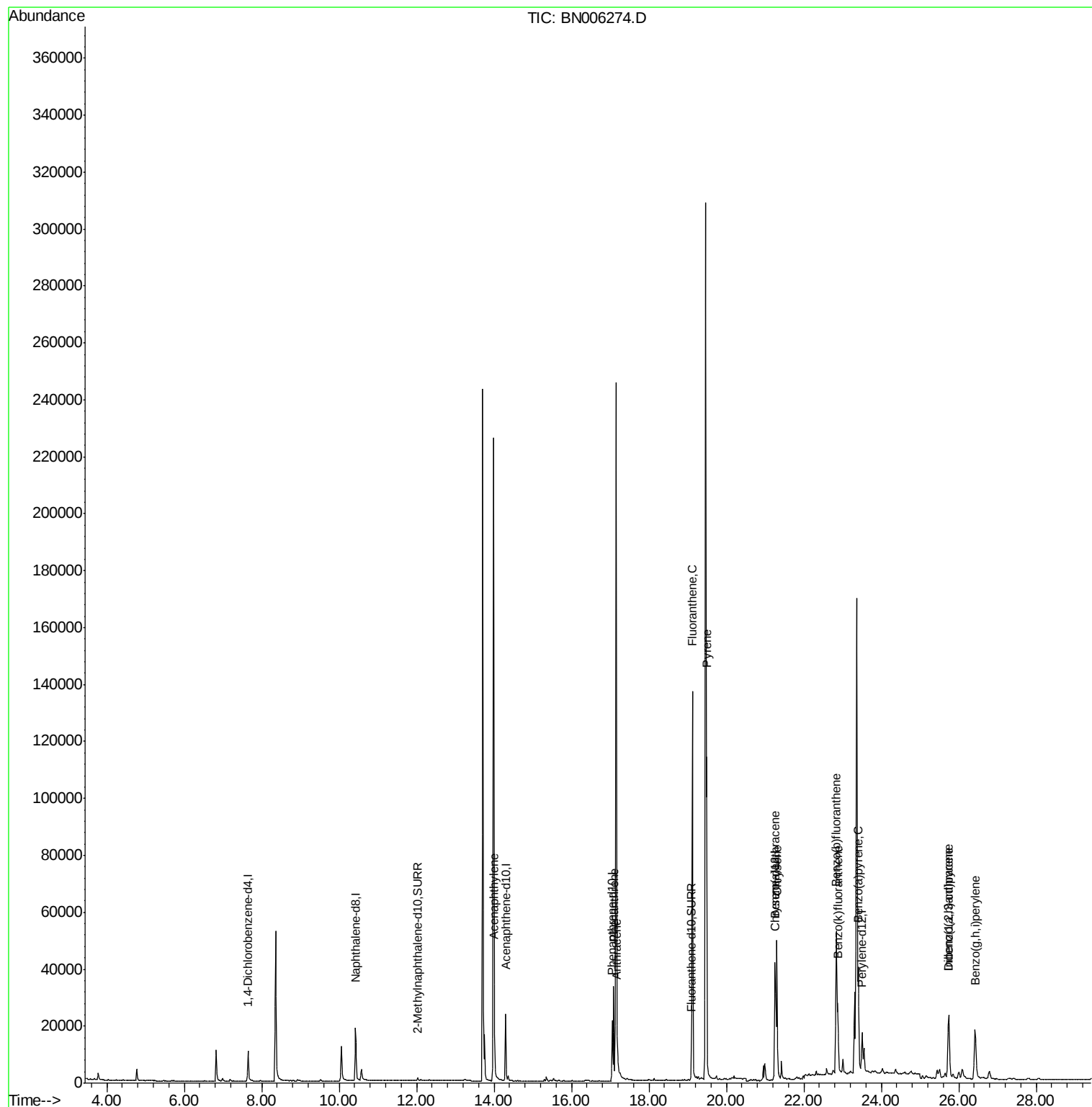
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006274.D
Acq On : 12 Jun 2019 10:46
Operator : JU/SJ
Sample : K3083-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

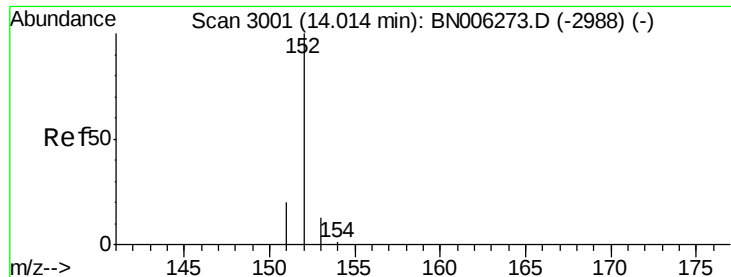
Instrument :
BNA_N
ClientSampleId :
A51G0DL

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:29 AM

Quant Time: Jun 12 14:41:47 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN006274.D

Acq: 12 Jun 2019 10:46

Instrument :

BNA_N

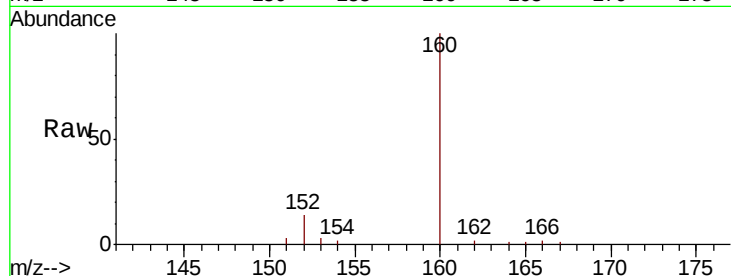
ClientSampleId :

A51G0DL

Tot Ion:	152	Resp:	1972
Ion Ratio	Lower	Upper	
152	100		
151	23.9	15.8	23.8#
153	18.8	10.8	16.2#

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:29 AM

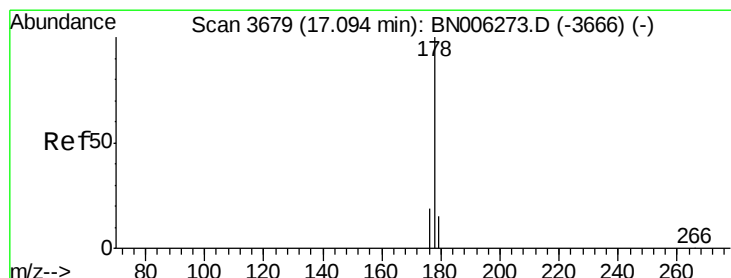
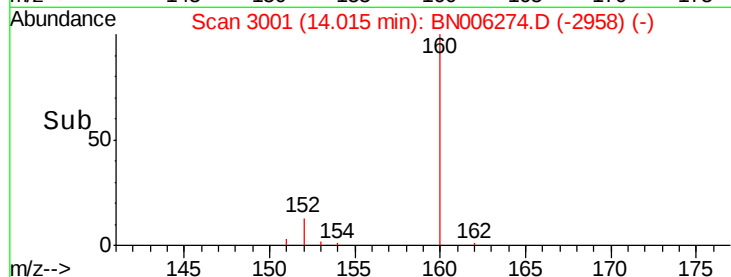
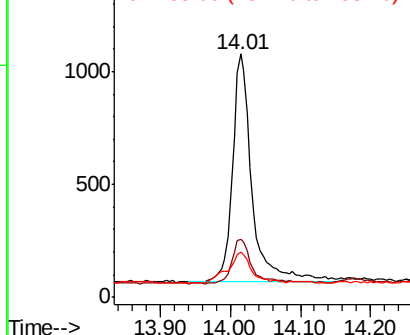


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.437 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006274.D

Acq: 12 Jun 2019 10:46

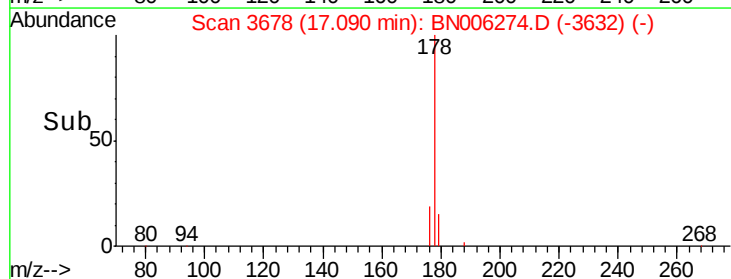
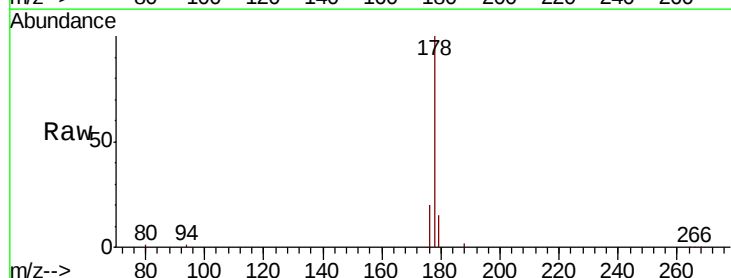
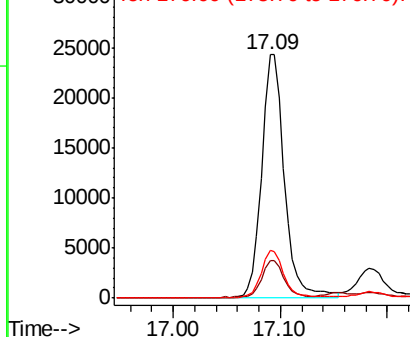
Tgt Ion:	178	Resp:	35748
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	19.6	15.3	22.9

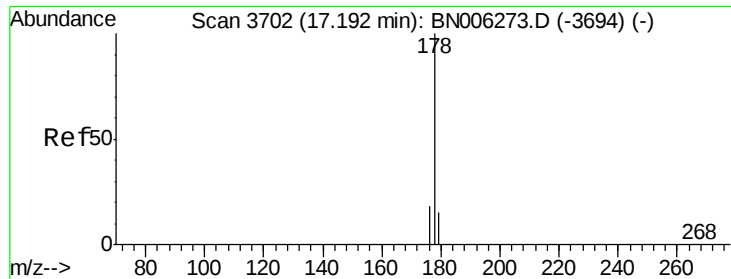
Abundance

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





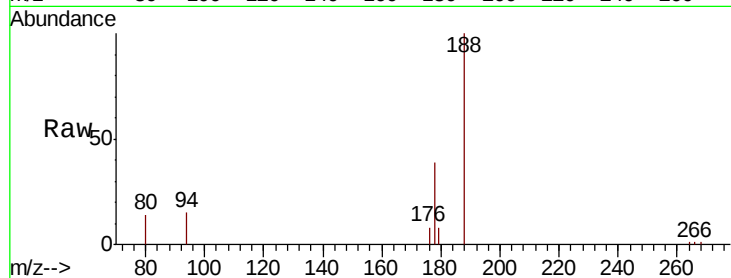
#13
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. 0.00 min
 Lab File: BN006274.D
 Acq: 12 Jun 2019 10:46

Instrument :
 BNA_N
 ClientSampleId :
 A51G0DL

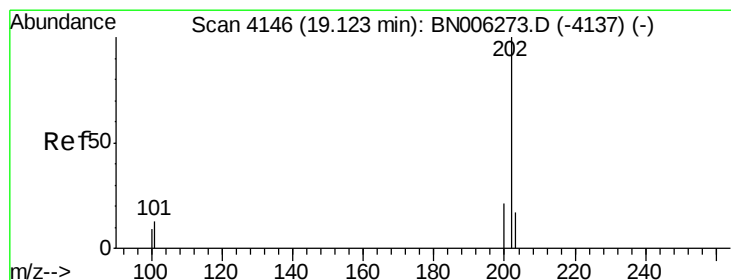
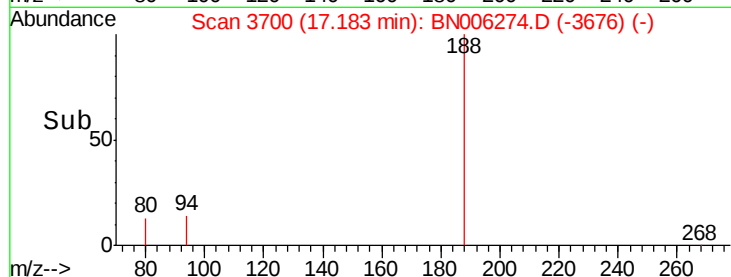
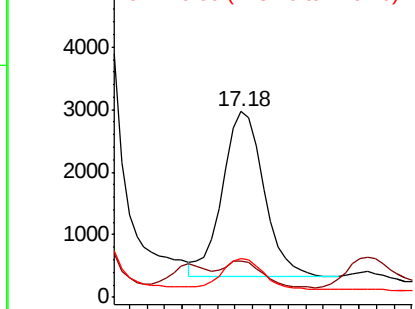
Tot Ion:178 Resp: 4272
 Ion Ratio Lower Upper
 178 100
 179 19.5 12.2 18.4#
 176 21.0 15.1 22.7

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:29 AM

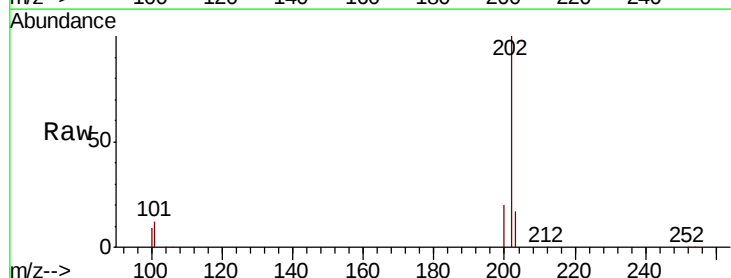


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

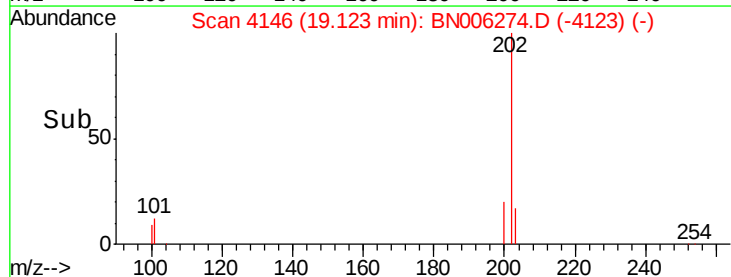
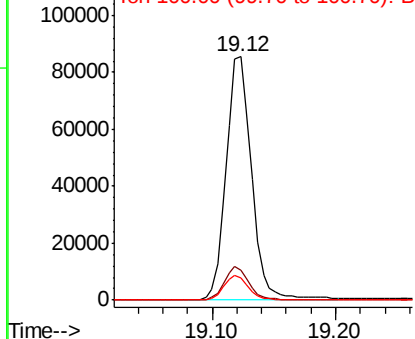


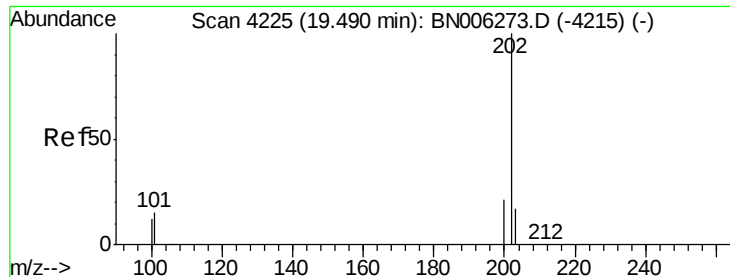
#15
 Fluoranthene
 Concen: 1.353 ng/ul
 RT: 19.12 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN006274.D
 Acq: 12 Jun 2019 10:46

Tgt Ion:202 Resp: 122321
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 32.1
 100 9.0 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





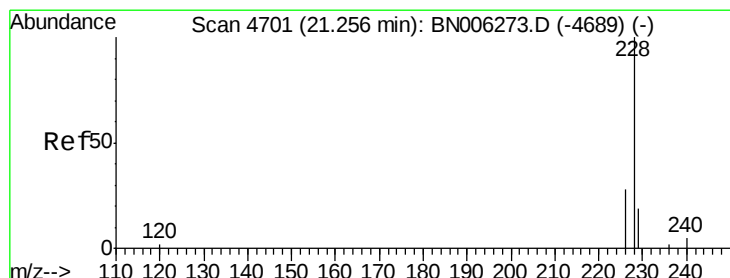
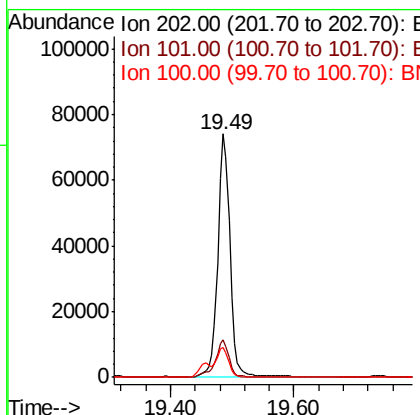
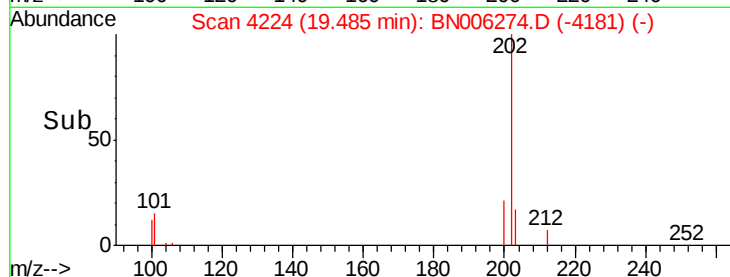
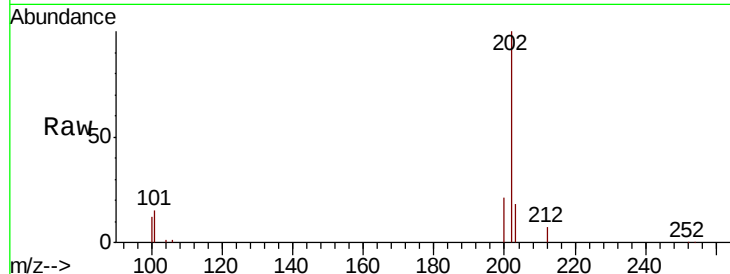
#17
Pvrene
Concen: 1.127 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN006274.D
Acq: 12 Jun 2019 10:46

Instrument :
BNA_N
ClientSampleId :
A51G0DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.3	12.2	18.2
100	12.1	9.8	14.6

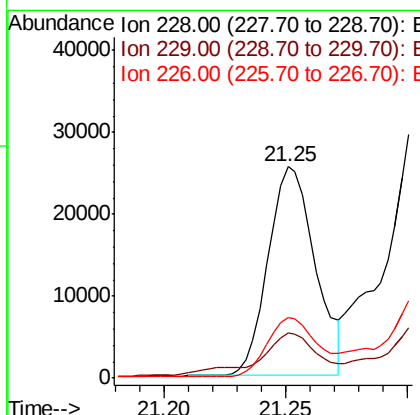
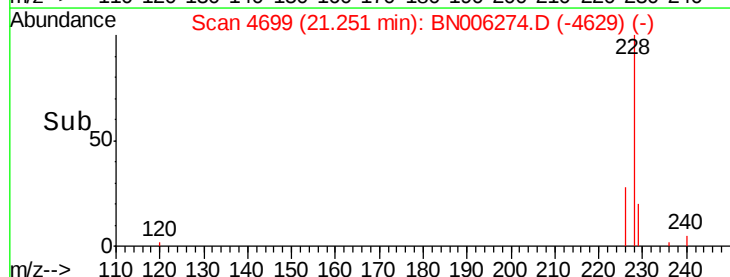
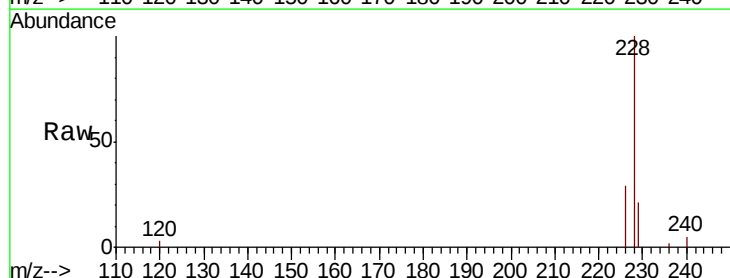
Manual Integrations
APPROVED

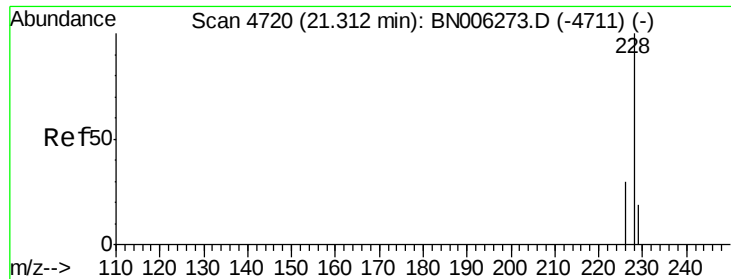
mohammad
6/14/2019 8:33:29 AM



#18
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006274.D
Acq: 12 Jun 2019 10:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.5	24.7
226	28.6	22.8	34.2





#19

Chrysene

Concen: 0.787 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006274.D

Acq: 12 Jun 2019 10:46

Instrument :

BNA_N

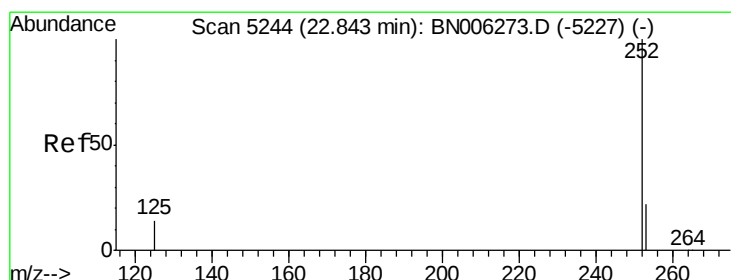
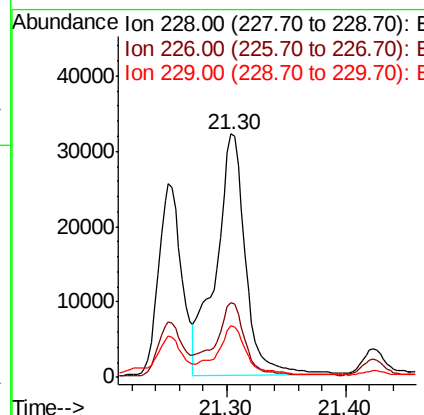
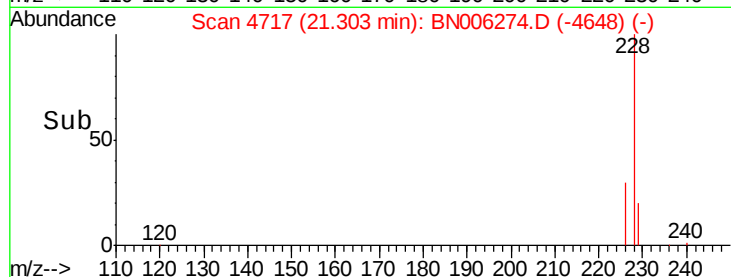
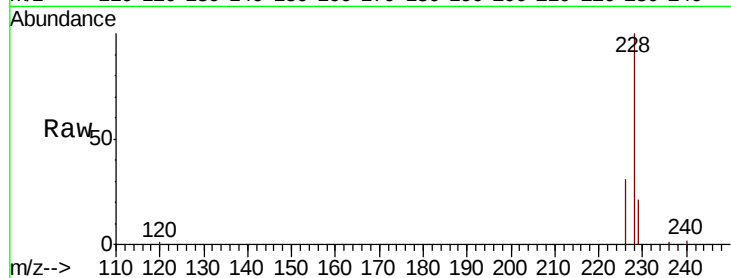
ClientSampleId :

A51G0DL

Tot Ion:	228	Resp:	55510
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	21.0	16.3	24.5

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:29 AM



#21

Benzo(b)fluoranthene

Concen: 0.867 ng/ul m

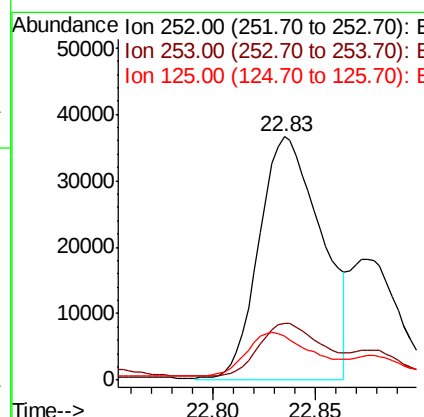
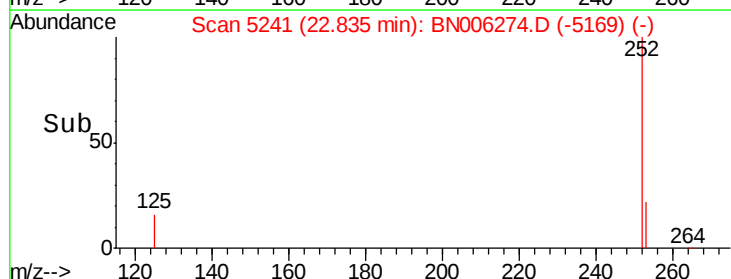
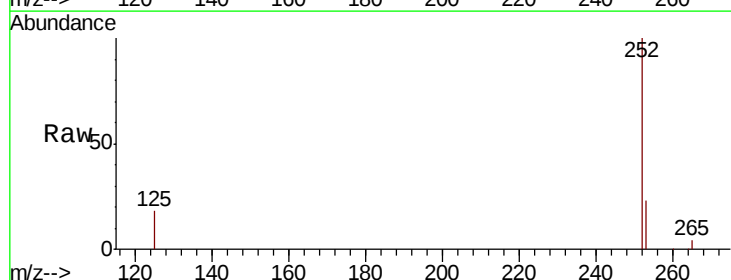
RT: 22.83 min Scan# 5241

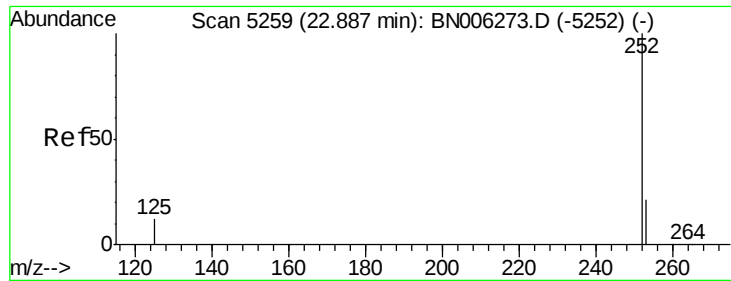
Delta R.T. 0.01 min

Lab File: BN006274.D

Acq: 12 Jun 2019 10:46

Tgt Ion:	252	Resp:	78386
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	51.4
125	17.9	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.378 ng/ul

RT: 22.87 min Scan# 5254

Delta R.T. 0.01 min

Lab File: BN006274.D

Acq: 12 Jun 2019 10:46

Instrument :

BNA_N

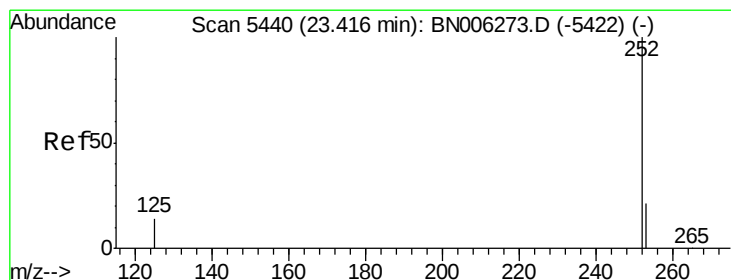
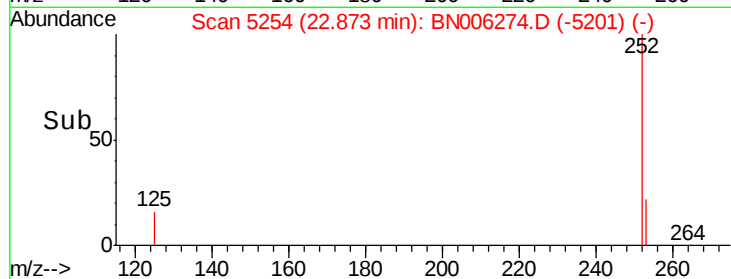
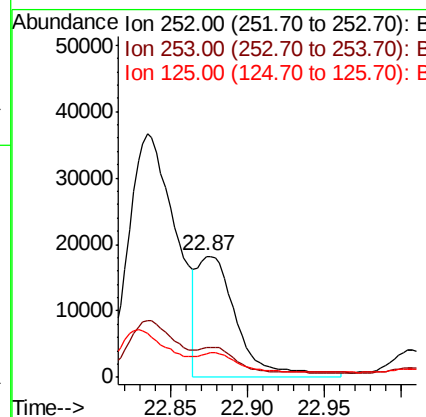
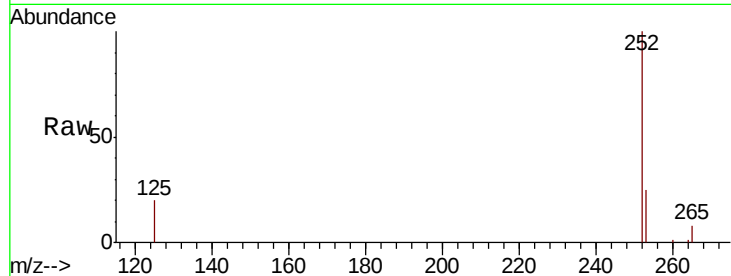
ClientSampleId :

A51G0DL

Tot Ion:	252	Resp:	33247
Ion Ratio	Lower	Upper	
252	100		
253	24.7	20.3	30.5
125	19.6	14.3	21.5

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:29 AM



#23

Benzo(a)pyrene

Concen: 0.550 ng/ul

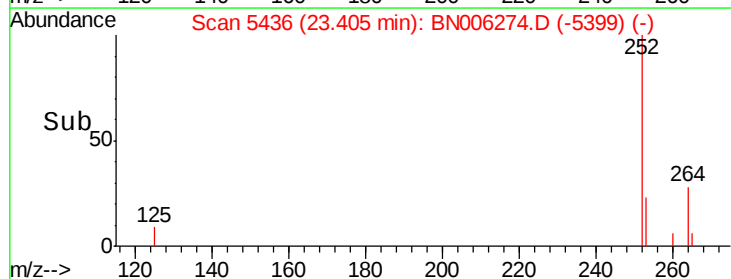
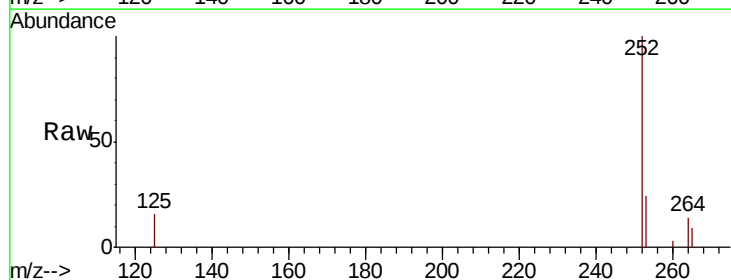
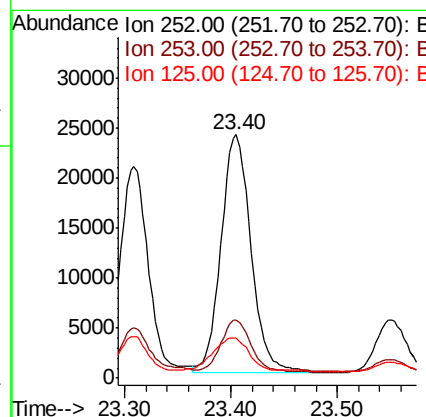
RT: 23.40 min Scan# 5436

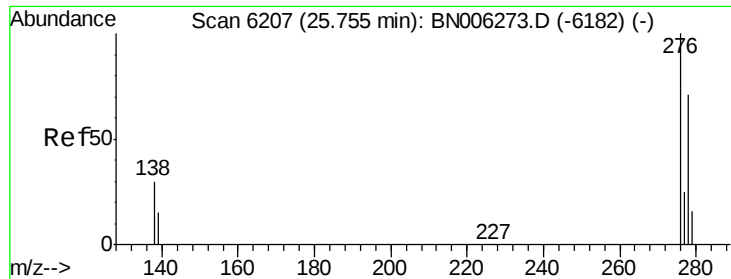
Delta R.T. 0.01 min

Lab File: BN006274.D

Acq: 12 Jun 2019 10:46

Tgt Ion:	252	Resp:	46332
Ion Ratio	Lower	Upper	
252	100		
253	23.9	21.1	31.7
125	16.2	20.3	30.5#





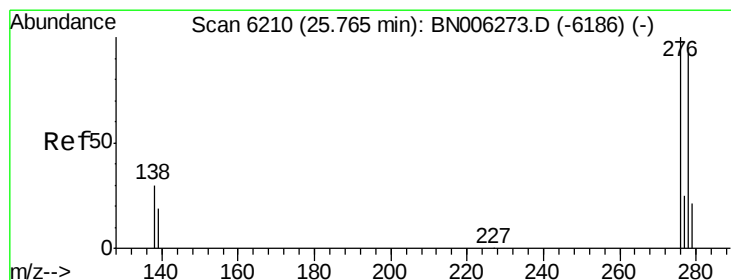
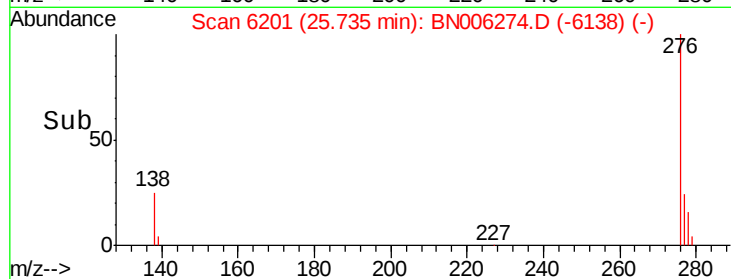
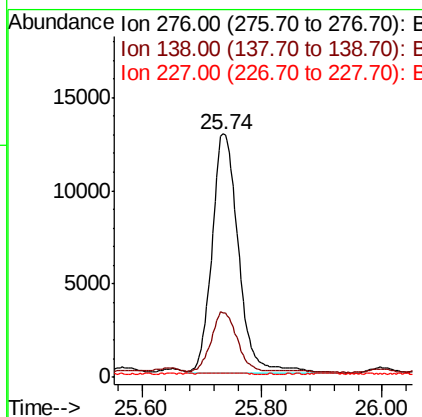
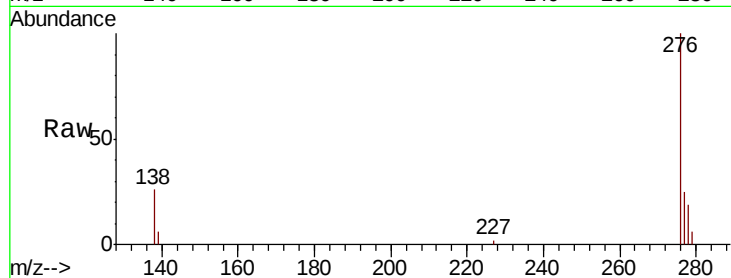
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.430 ng/uL
 RT: 25.74 min Scan# 6201
 Delta R.T. 0.01 min
 Lab File: BN006274.D
 Acq: 12 Jun 2019 10:46

Instrument :
 BNA_N
 ClientSampleId :
 A51G0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.6	38.4
227	0.1	0.3	0.5

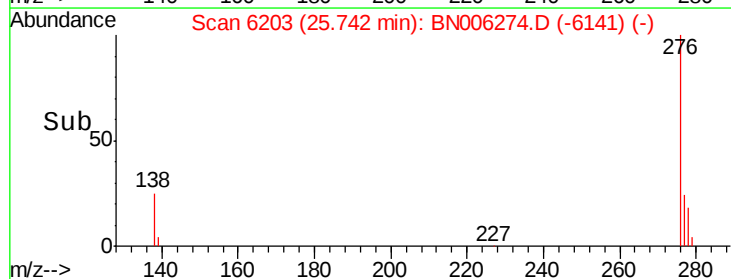
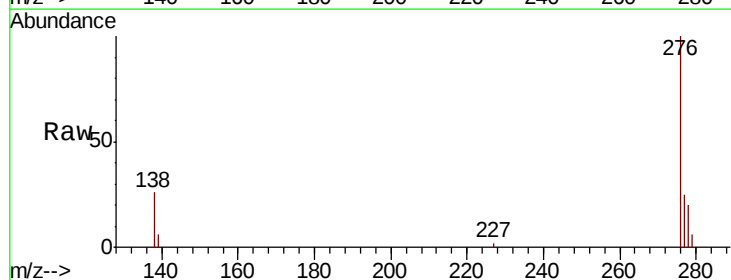
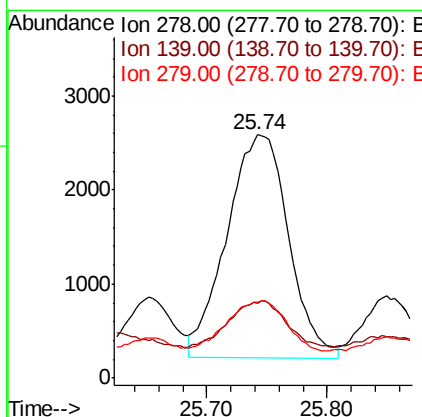
Manual Integrations
 APPROVED

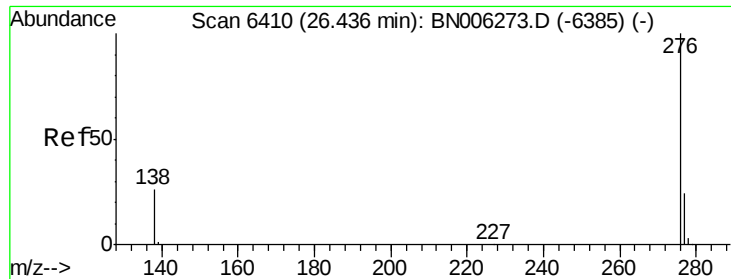
mohammad
 6/14/2019 8:33:29 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.117 ng/uL
 RT: 25.74 min Scan# 6203
 Delta R.T. 0.01 min
 Lab File: BN006274.D
 Acq: 12 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.9	21.2	31.8
279	31.1	22.6	33.8





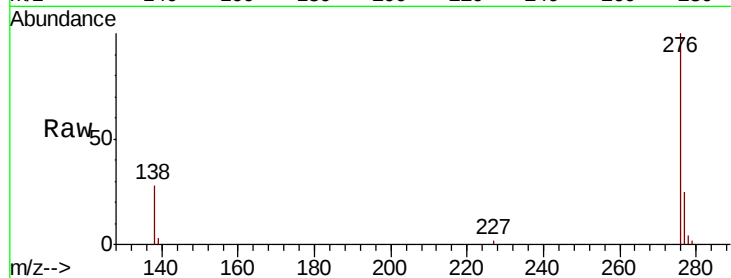
#26
 Benzo(a,h,i)perylene
 Concen: 0.488 ng/ul
 RT: 26.42 min Scan# 6406
 Delta R.T. 0.02 min
 Lab File: BN006274.D
 Acq: 12 Jun 2019 10:46

Instrument :
 BNA_N
 ClientSampleId :
 A51G0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.2	36.4
277	24.9	21.5	32.3

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:33:29 AM



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

