

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013022.D
 Acq On : 09 Dec 2020 21:21
 Operator : CG/JU
 Sample : L4941-06
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY9

Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:18:07 PM

Quant Time: Dec 10 01:30:09 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 00:40:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	819	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3437	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2081	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4438	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	3771	0.40	ng/ul	-0.01
20) Perylene-d12	23.12	264	3714	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	859	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2235	0.19	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	223	0.023	ng/ul#	50
12) Phenanthrene	16.84	178	2356	0.158	ng/ul	96
13) Anthracene	16.94	178	358	0.028	ng/ul#	68
15) Fluoranthene	18.88	202	10790	0.610	ng/ul	99
17) Pyrene	19.24	202	10099	0.567	ng/ul#	95
18) Benzo(a)anthracene	21.01	228	4952	0.317	ng/ul	98
19) Chrysene	21.06	228	6638	0.385	ng/ul	99
21) Benzo(b)fluoranthene	22.50	252	9698m	0.564	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	3412m	0.180	ng/ul	
23) Benzo(a)pyrene	23.03	252	5824	0.365	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.18	276	4351	0.208	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	987	0.060	ng/ul#	40
26) Benzo(g,h,i)perylene	25.80	276	3851	0.203	ng/ul#	94

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

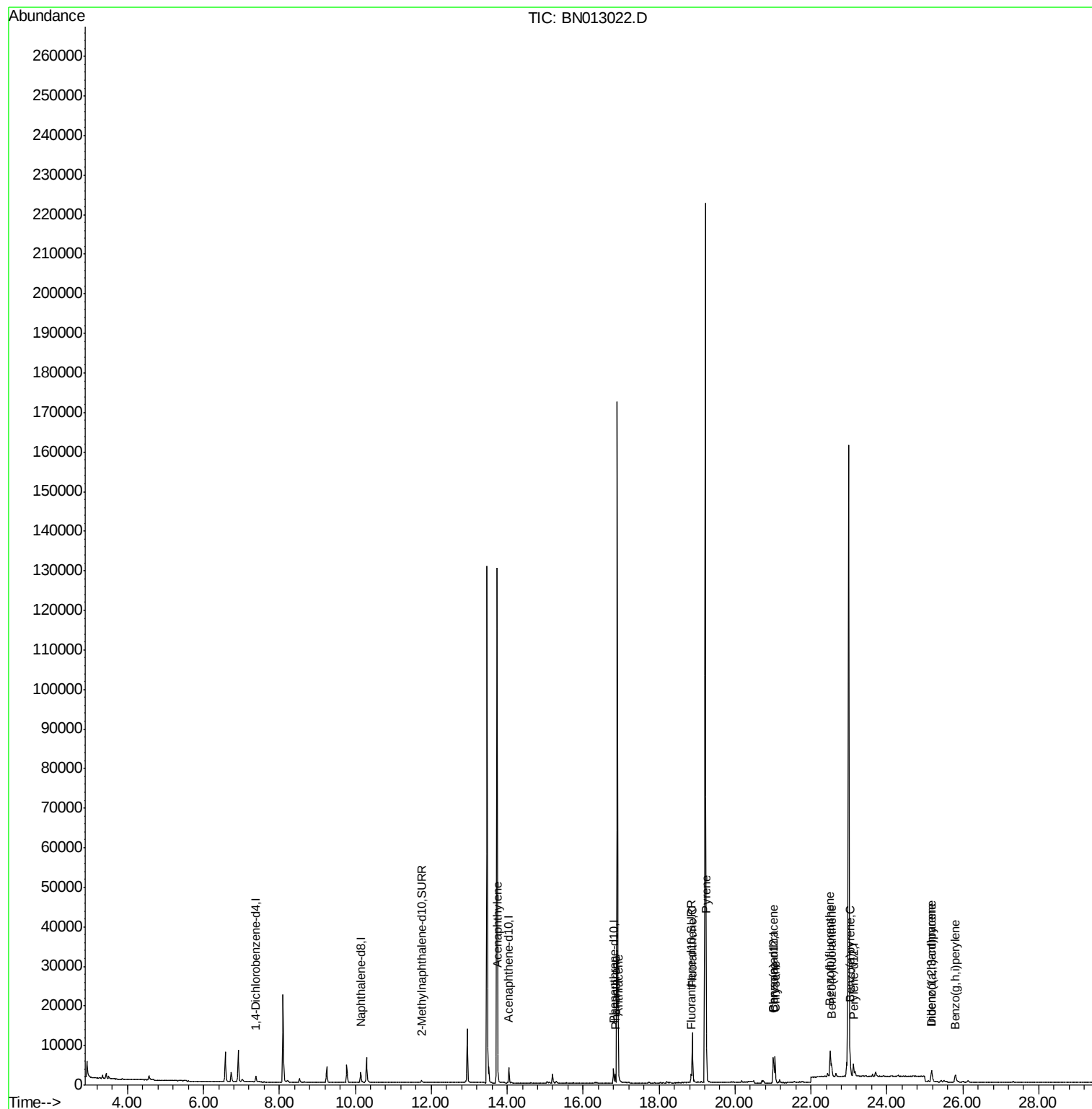
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013022.D
Acq On : 09 Dec 2020 21:21
Operator : CG/JU
Sample : L4941-06
Misc :
ALS Vial : 92 Sample Multiplier: 1

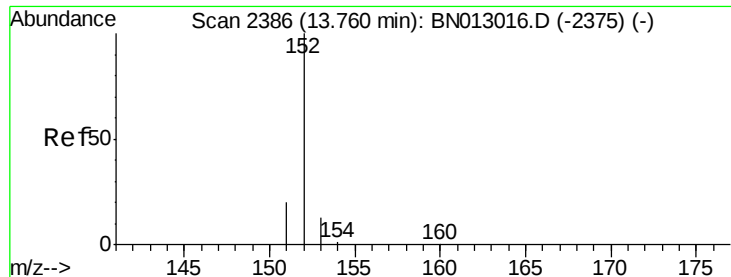
Instrument :
BNA_N
ClientSampleId :
C0AY9

Manual Integrations
APPROVED

mohammad
12/11/2020 1:18:07 PM

Quant Time: Dec 10 01:30:09 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 00:40:41 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.76 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

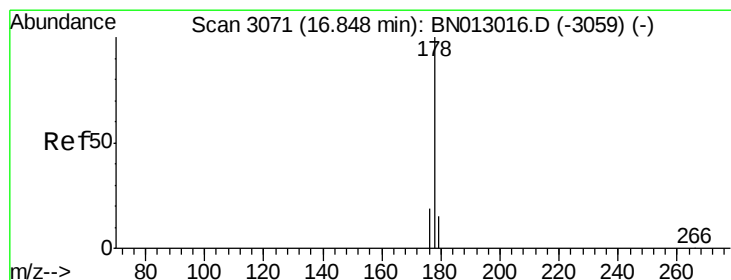
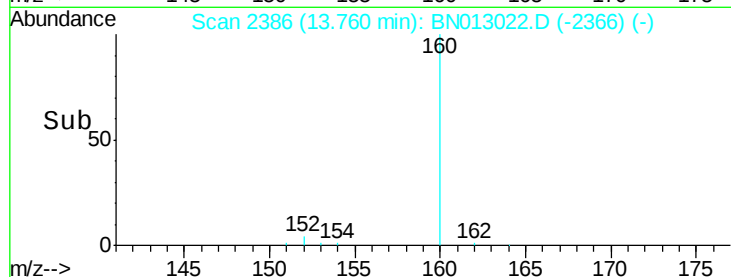
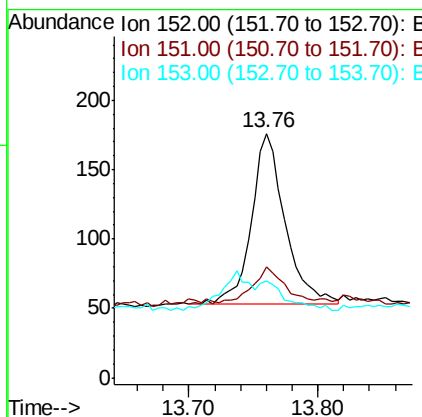
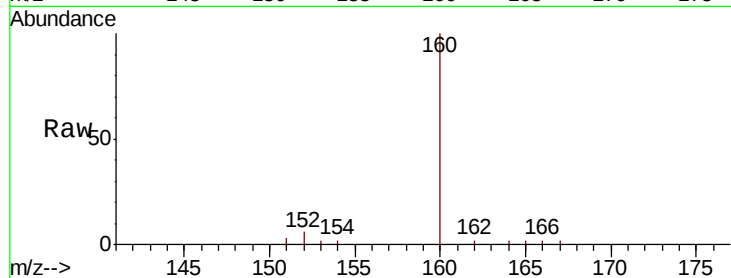
ClientSampled :

C0AY9

Tot Ion:	152	Resp:	223
Ion Ratio	Lower	Upper	
152	100		
151	45.5	18.2	27.4#
153	39.8	13.1	19.7#

Manual Integrations
APPROVED

mohammad
12/11/2020 1:18:07 PM



#12

Phenanthrene

Concen: 0.158 ng/ul

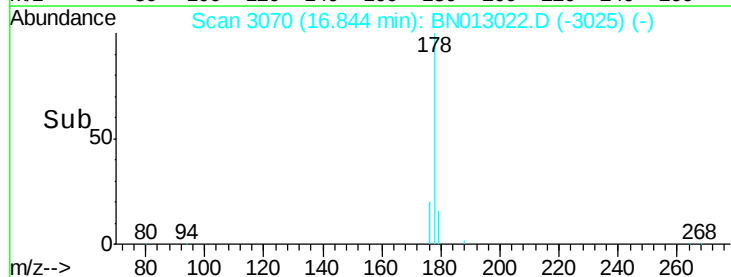
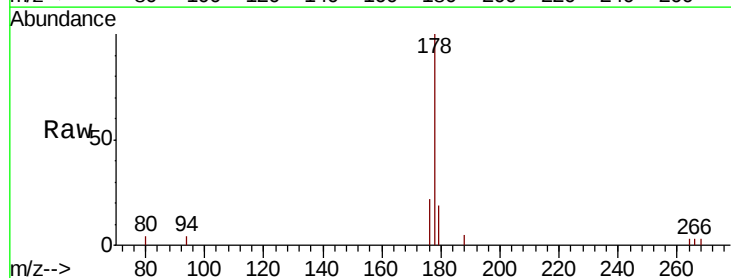
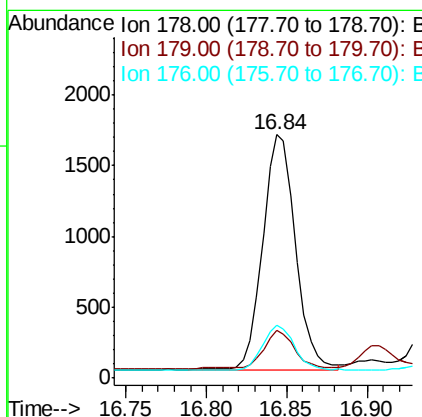
RT: 16.84 min Scan# 3070

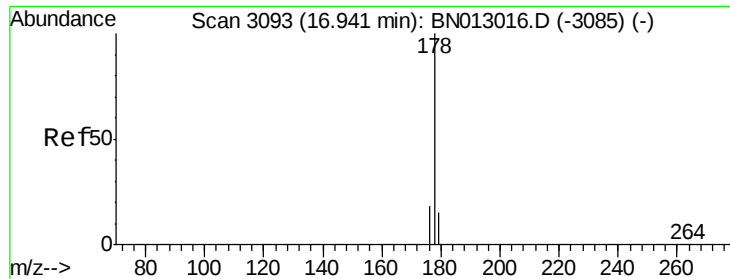
Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Tgt Ion:	178	Resp:	2356
Ion Ratio	Lower	Upper	
178	100		
179	19.4	13.6	20.4
176	21.9	16.4	24.6





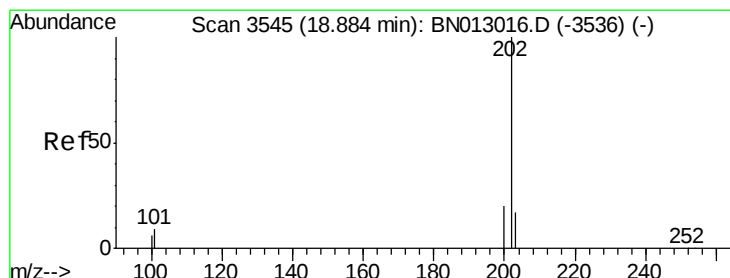
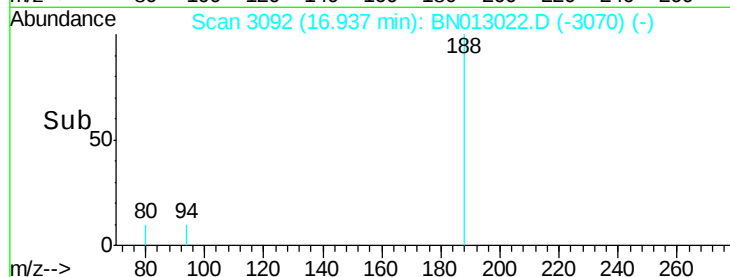
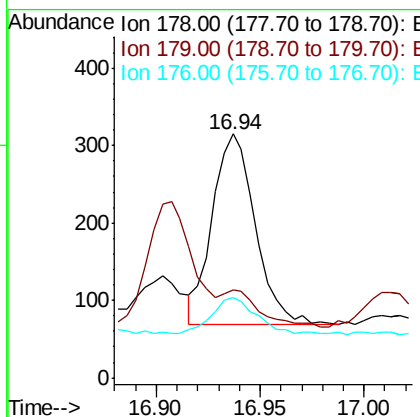
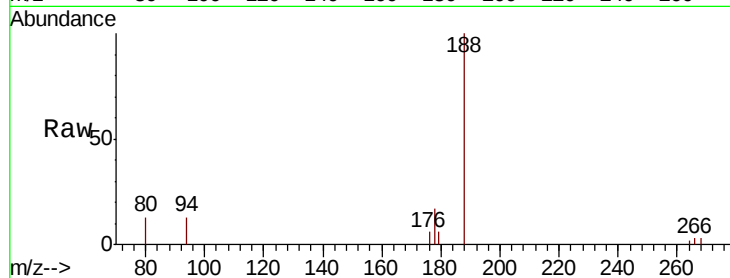
#13
 Anthracene
 Concen: 0.028 ng/ul
 RT: 16.94 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BN013022.D
 Acq: 09 Dec 2020 21:21

Instrument :
 BNA_N
 ClientSampled :
 C0AY9

Tot Ion	Ratio	Lower	Upper
178	100		
179	36.2	14.6	21.8#
176	33.0	17.1	25.7#

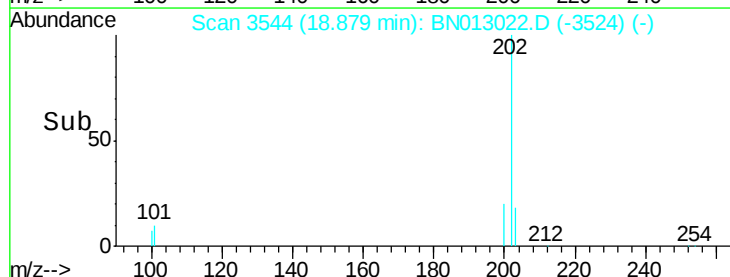
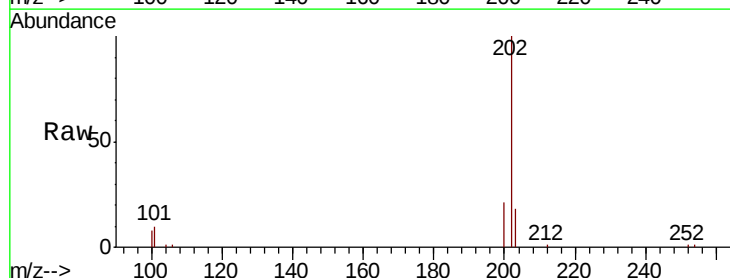
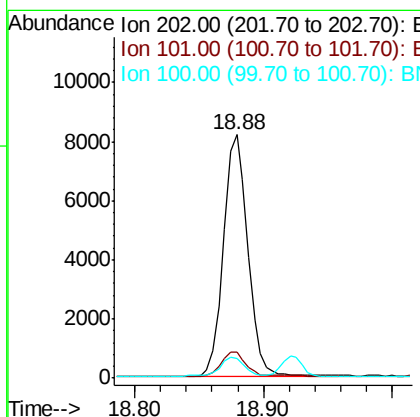
Manual Integrations
 APPROVED

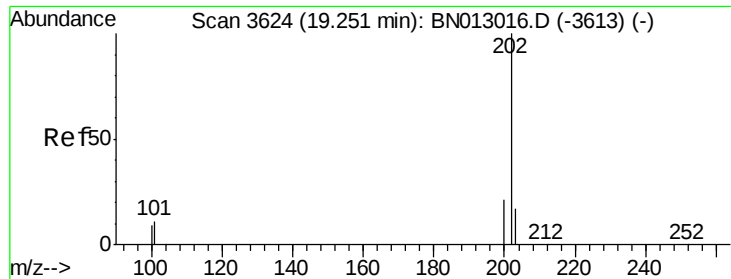
mohammad
 12/11/2020 1:18:07 PM



#15
 Fluoranthene
 Concen: 0.610 ng/ul
 RT: 18.88 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: BN013022.D
 Acq: 09 Dec 2020 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.6
100	7.8	0.0	28.7





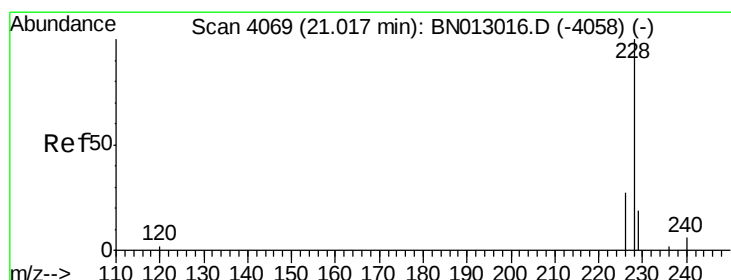
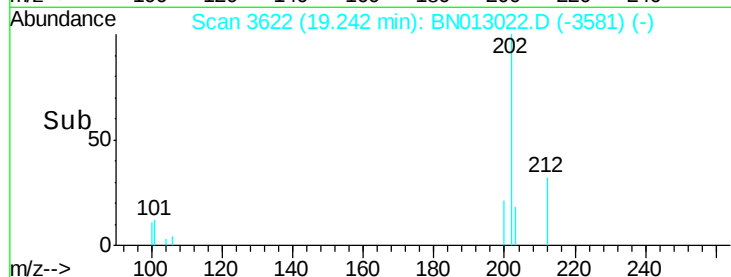
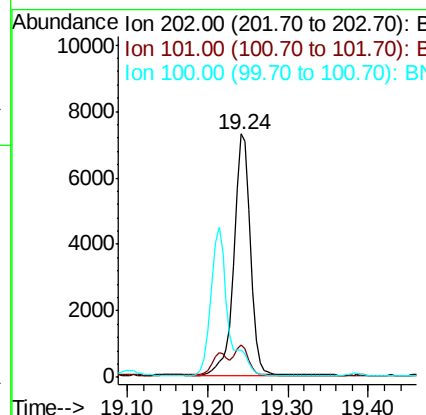
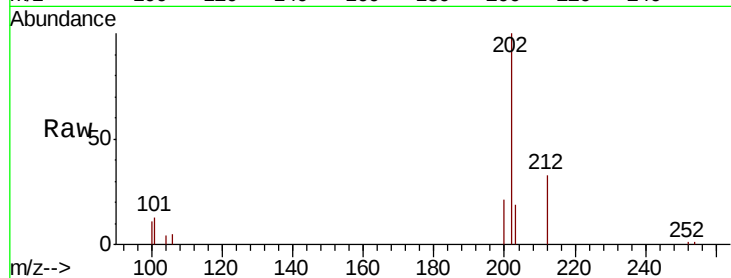
#17
Pvrene
Concen: 0.567 ng/ul
RT: 19.24 min Scan# 3622
Delta R.T. -0.01 min
Lab File: BN013022.D
Acq: 09 Dec 2020 21:21

Instrument :
BNA_N
ClientSampleId :
C0AY9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	9.1	13.7
100	11.4	7.5	11.3

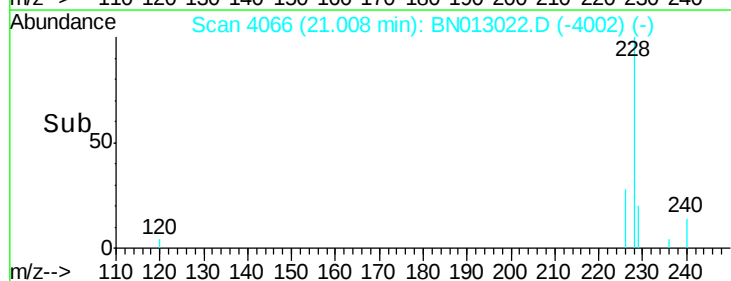
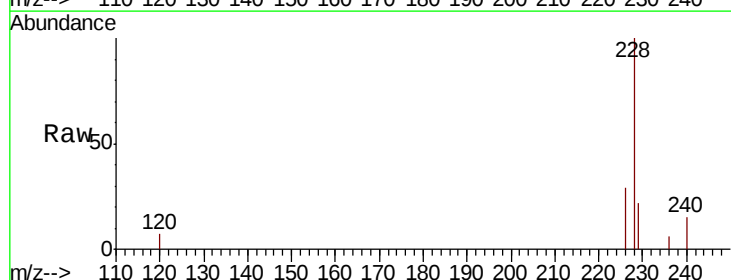
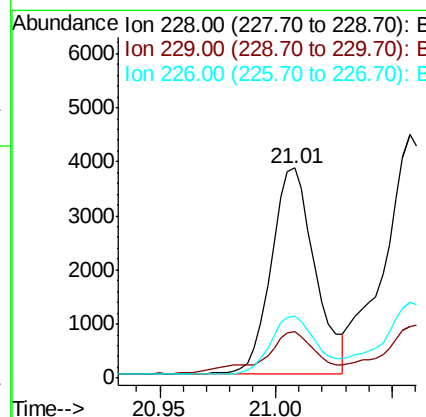
Manual Integrations
APPROVED

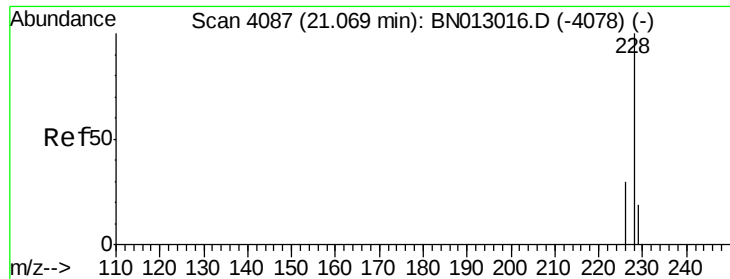
mohammad
12/11/2020 1:18:07 PM



#18
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.01 min Scan# 4066
Delta R.T. -0.01 min
Lab File: BN013022.D
Acq: 09 Dec 2020 21:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	16.3	24.5
226	29.3	23.4	35.2





#19

Chrysene

Concen: 0.385 ng/ul

RT: 21.06 min Scan# 4083

Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

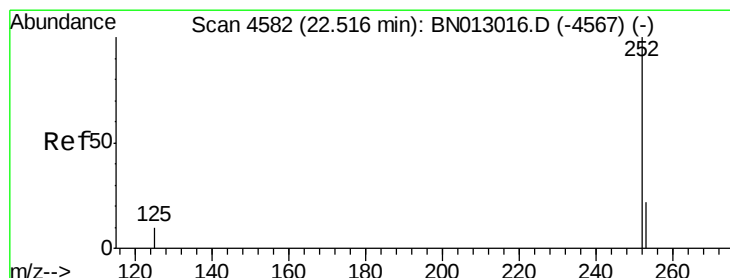
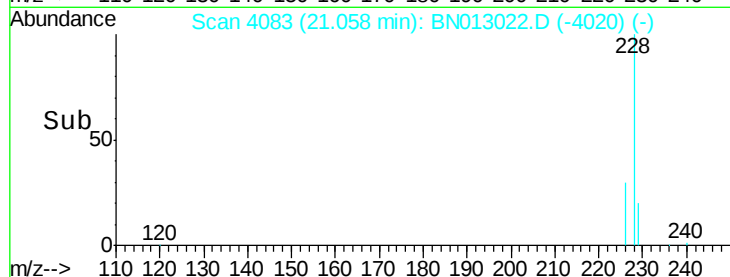
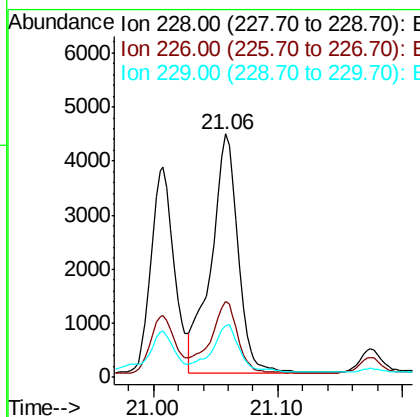
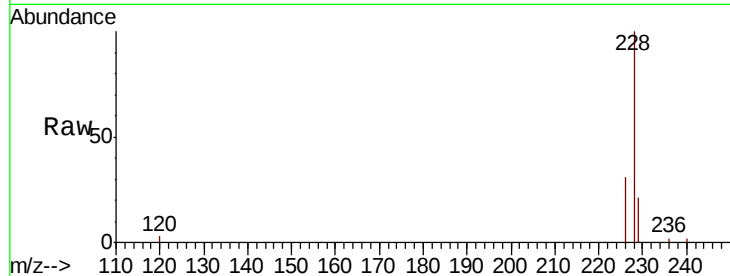
ClientSampleId :

C0AY9

Tot Ion:228	Resp:	6638
Ion Ratio	Lower	Upper
228	100	
226	31.3	25.0 37.6
229	21.4	16.4 24.6

Manual Integrations
APPROVED

mohammad
12/11/2020 1:18:07 PM



#21

Benzo(b)fluoranthene

Concen: 0.564 ng/ul m

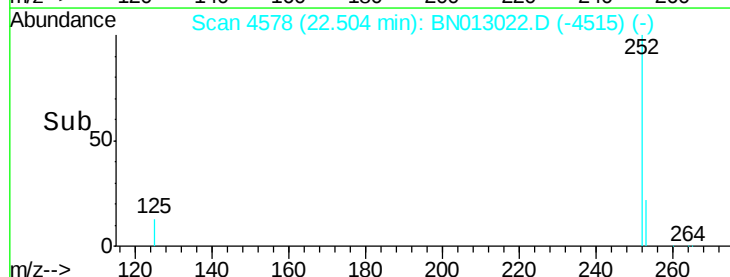
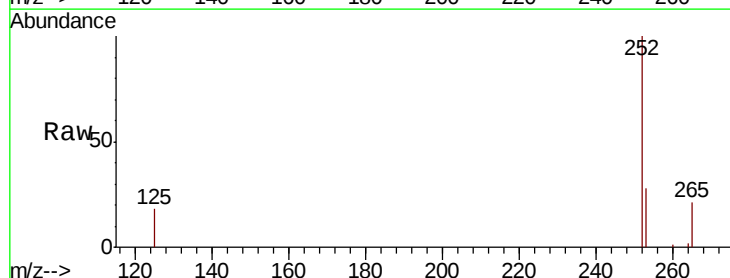
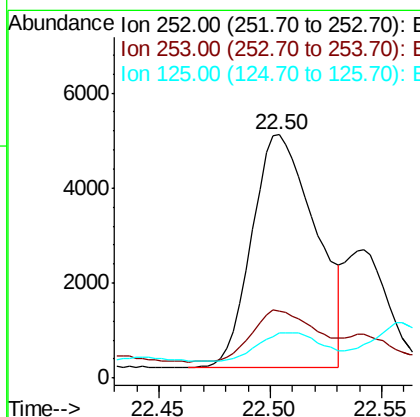
RT: 22.50 min Scan# 4578

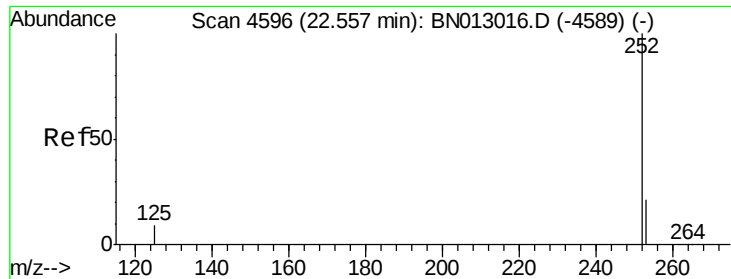
Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Tgt Ion:252	Resp:	9698
Ion Ratio	Lower	Upper
252	100	
253	27.6	0.0 59.6
125	18.3	0.0 26.0





#22

Benzo(k)fluoranthene

Concen: 0.180 ng/ul m

RT: 22.54 min Scan# 4591

Delta R.T. -0.02 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Instrument :

BNA_N

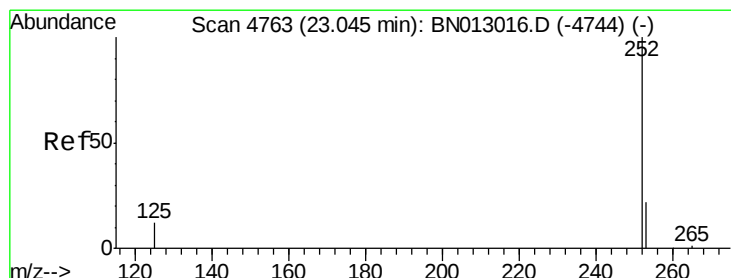
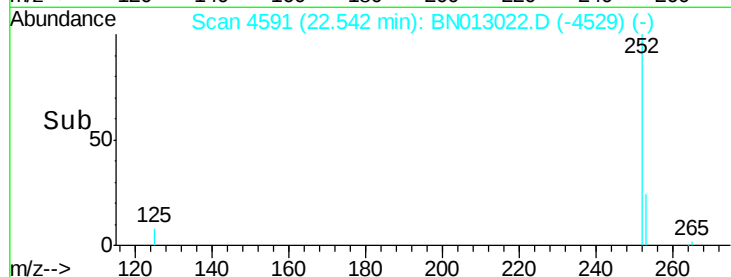
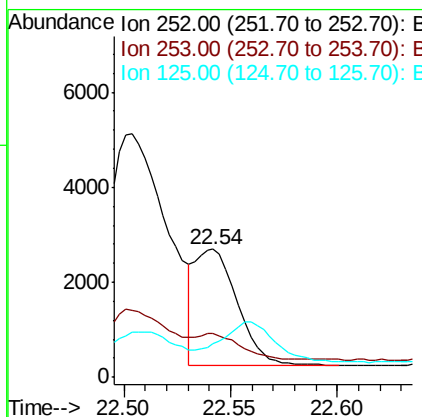
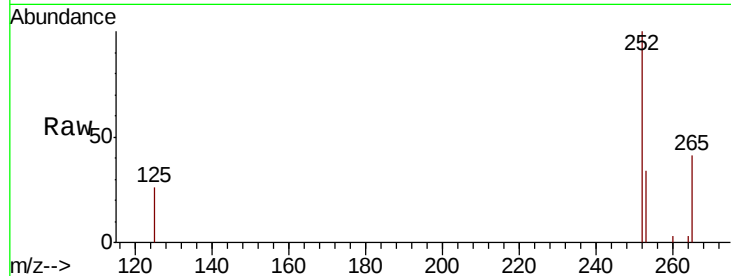
ClientSampleId :

C0AY9

Tot Ion:	252	Resp:	3412
Ion Ratio	Lower	Upper	
252	100		
253	34.4	23.4	35.2
125	25.9	11.1	16.7#

Manual Integrations
APPROVED

mohammad
12/11/2020 1:18:07 PM



#23

Benzo(a)pyrene

Concen: 0.365 ng/ul

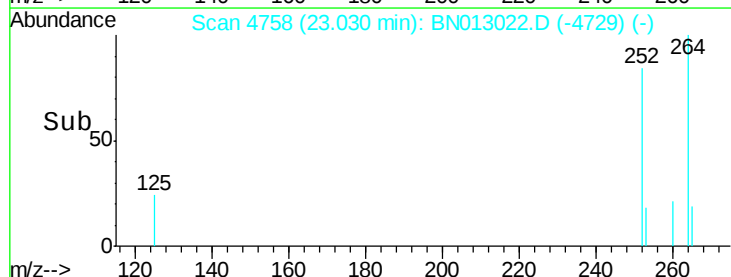
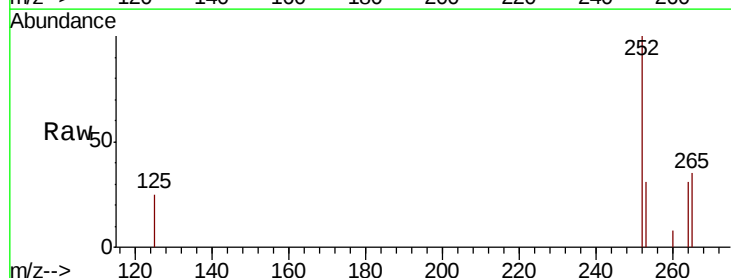
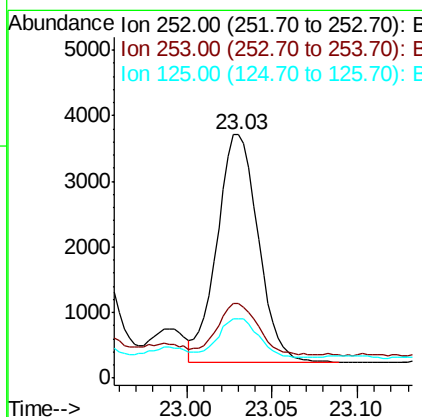
RT: 23.03 min Scan# 4758

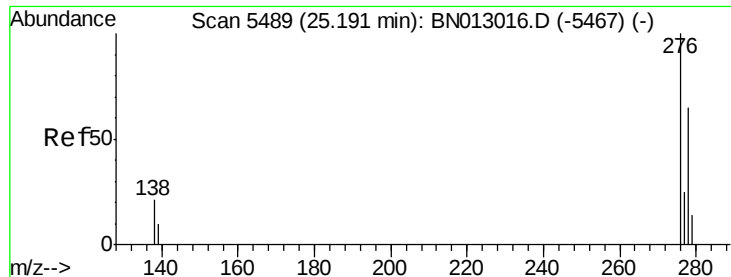
Delta R.T. -0.01 min

Lab File: BN013022.D

Acq: 09 Dec 2020 21:21

Tgt Ion:	252	Resp:	5824
Ion Ratio	Lower	Upper	
252	100		
253	30.6	26.5	39.7
125	24.5	14.2	21.2#





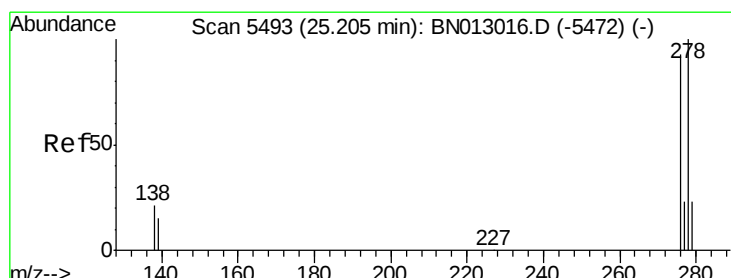
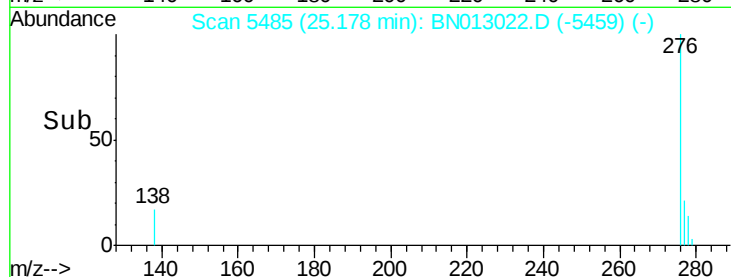
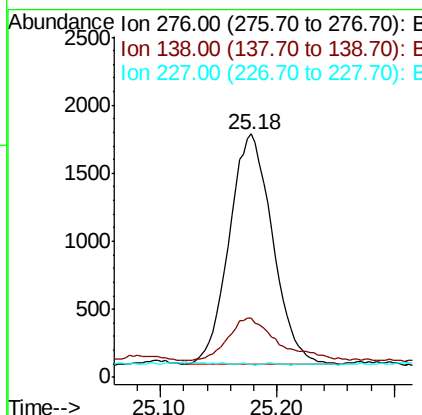
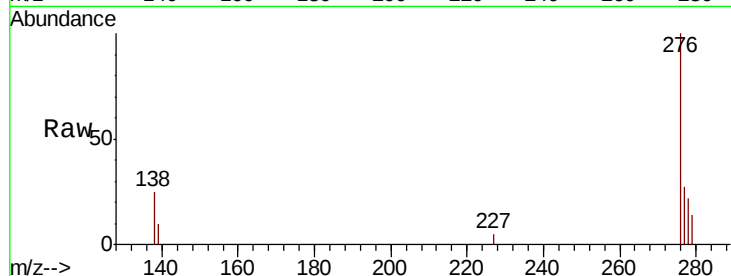
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/u1
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013022.D
Acq: 09 Dec 2020 21:21

Instrument :
BNA_N
ClientSampleId :
C0AY9

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.2	24.2
227	0.2	0.0	0.0

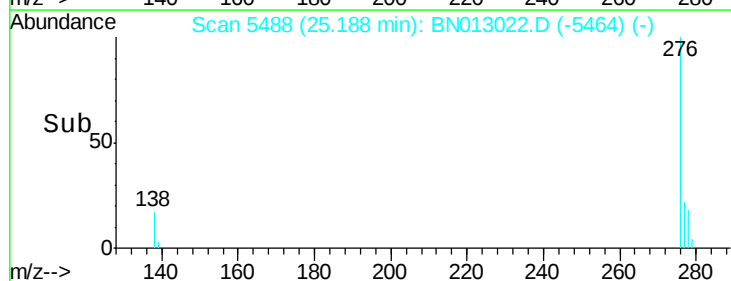
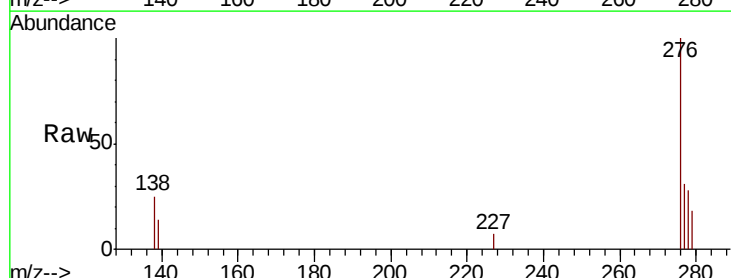
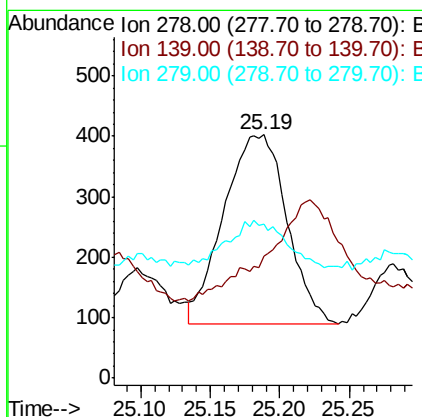
Manual Integrations
APPROVED

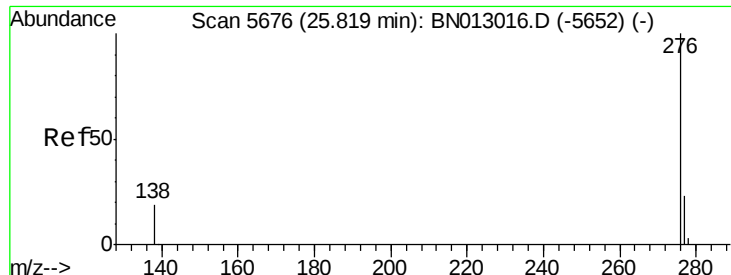
mohammad
12/11/2020 1:18:07 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/u1
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN013022.D
Acq: 09 Dec 2020 21:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	50.4	14.5	21.7
279	63.0	26.3	39.5





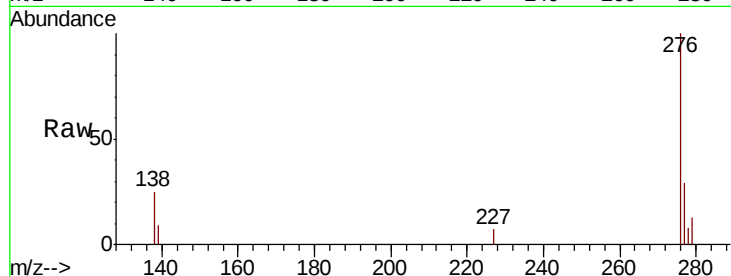
#26
Benzo(a,h,i)perylene
Concen: 0.203 ng/ul
RT: 25.80 min Scan# 5671
Delta R.T. -0.02 min
Lab File: BN013022.D
Acq: 09 Dec 2020 21:21

Instrument :
BNA_N
ClientSampleId :
C0AY9

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.3	24.5#
277	28.7	21.8	32.6

Manual Integrations
APPROVED

mohammad
12/11/2020 1:18:07 PM



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

