

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022303.D
 Acq On : 24 Oct 2022 17:44
 Operator : CG/JU
 Sample : N5070-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:34:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	3644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	13096	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7580	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15353	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8809	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	6831	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	24519	5.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	6714	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	12387	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	6120	0.158	ng/ul	97
7) 2-Methylnaphthalene	12.439	142	5031	0.206	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	4146	0.165	ng/ul	100
10) Acenaphthylene	14.341	152	967	0.028	ng/ul#	70
15) Phenanthrene	17.417	178	16107	0.312	ng/ul	99
16) Anthracene	17.505	178	3097m	0.071	ng/ul	
19) Fluoranthene	19.440	202	21797	0.540	ng/ul	100
20) Pyrene	19.802	202	18389m	0.454	ng/ul	
21) Benzo(a)anthracene	21.559	228	8354	0.253	ng/ul	95
22) Chrysene	21.614	228	10295	0.294	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	11810m	0.344	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	3485m	0.104	ng/ul	
26) Benzo(a)pyrene	23.923	252	6771	0.248	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.615	276	5333	0.157	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.632	278	1888	0.070	ng/ul#	47
29) Benzo(g,h,i)perylene	27.417	276	4582	0.165	ng/ul	92

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

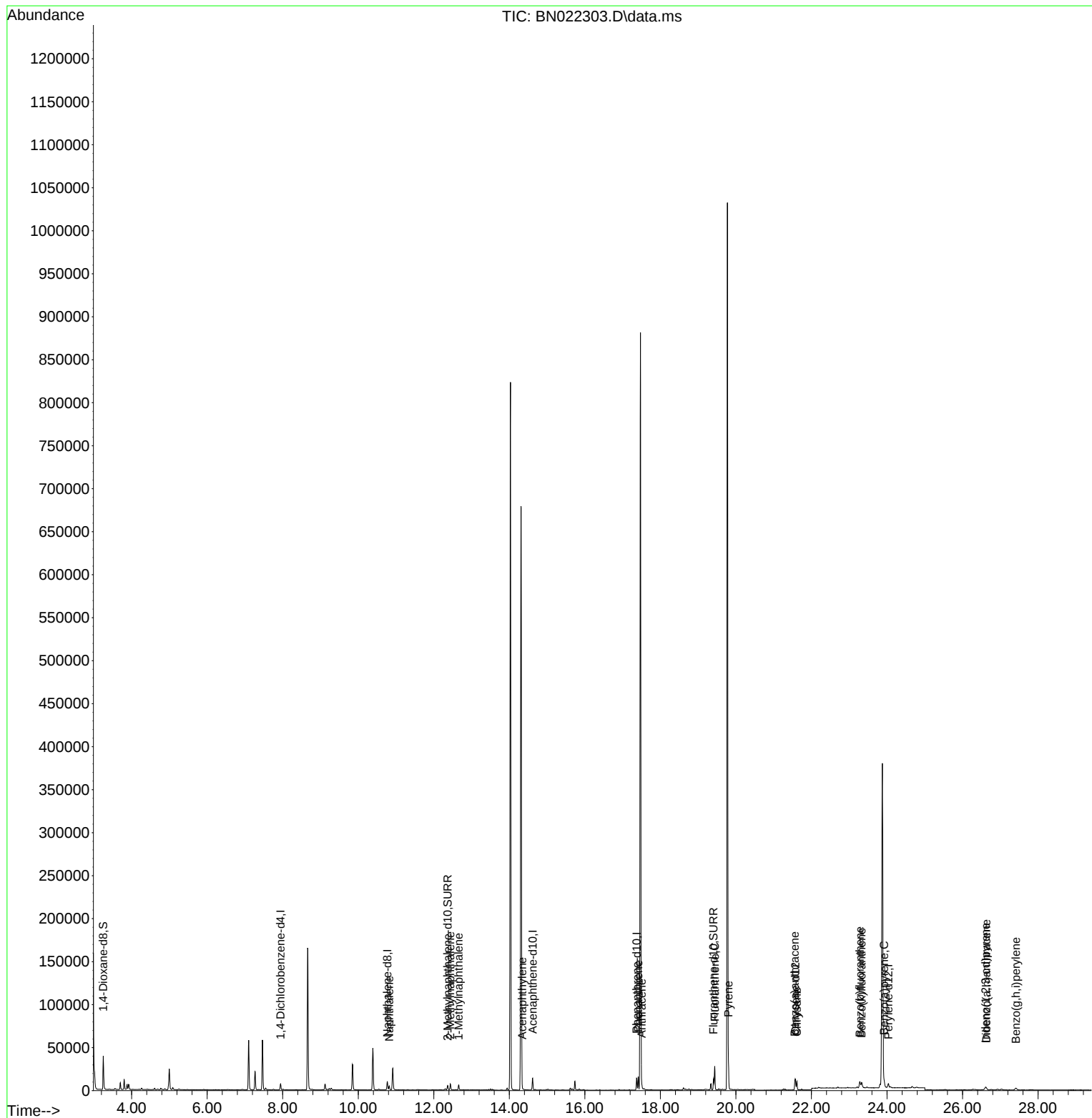
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022303.D
Acq On : 24 Oct 2022 17:44
Operator : CG/JU
Sample : N5070-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

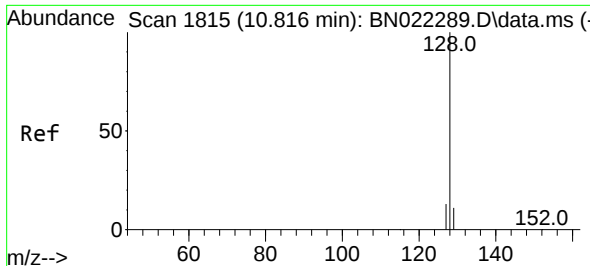
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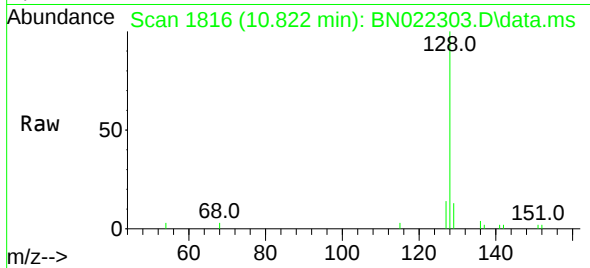
Quant Time: Oct 25 04:34:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.158 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

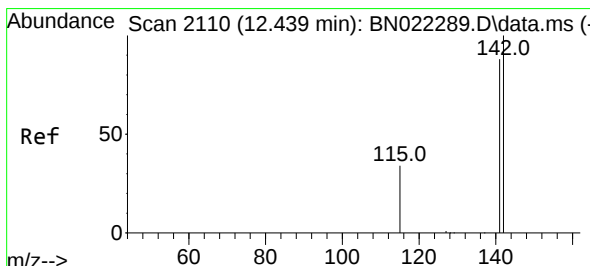
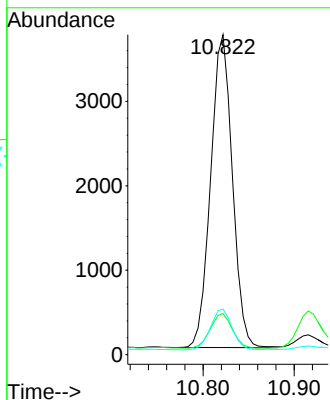
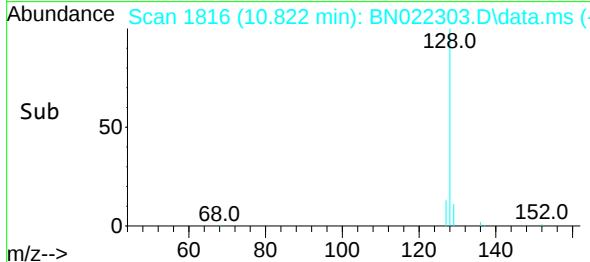
Instrument :
BNA_N
ClientSampleId :
C0BS2



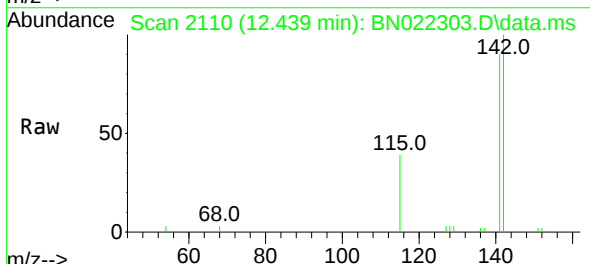
Tgt Ion:128 Resp: 6120
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 14.2 10.7 16.1

Manual Integrations
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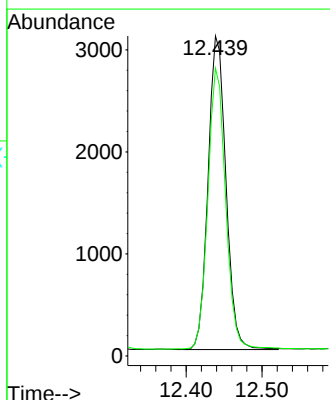
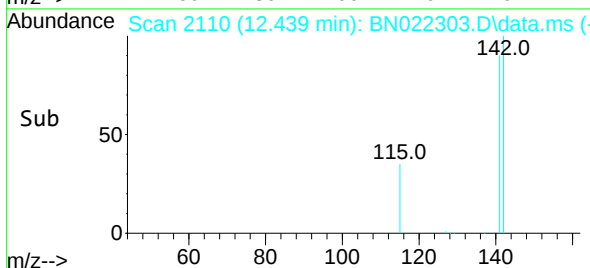
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

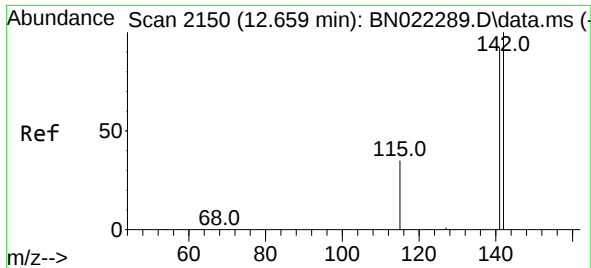


#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.439 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44



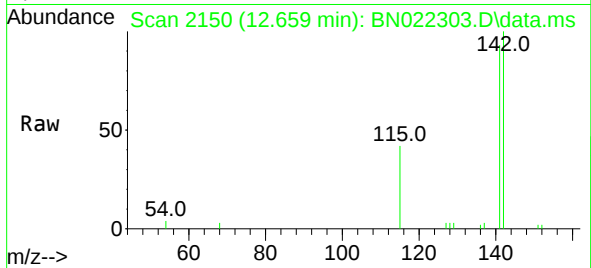
Tgt Ion:142 Resp: 5031
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.165 ng/u1
RT: 12.659 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

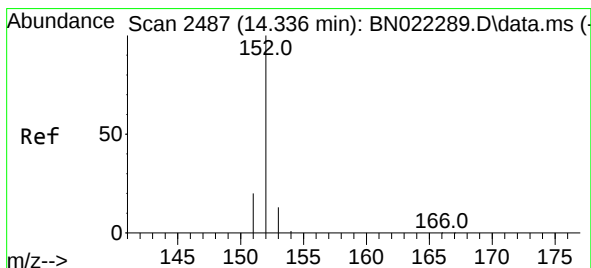
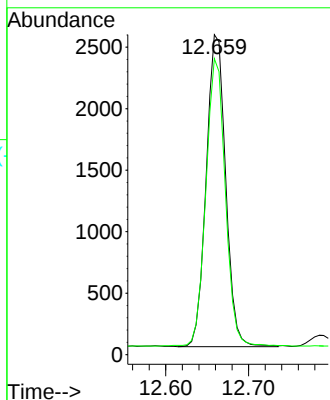
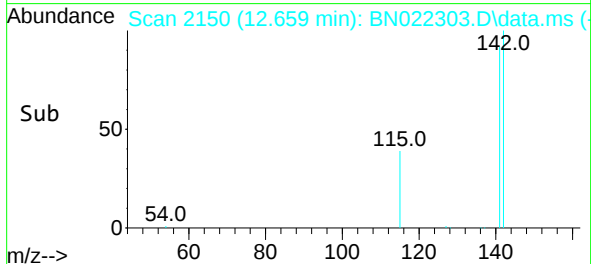
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 4140
Ion Ratio Lower Upper
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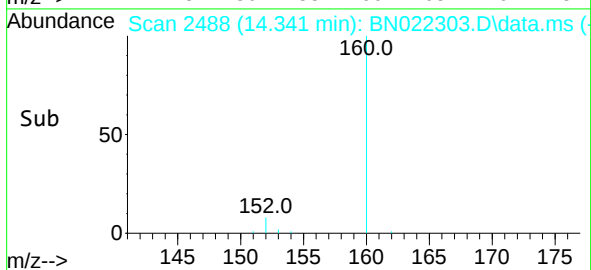
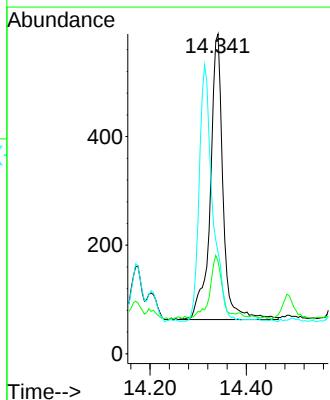
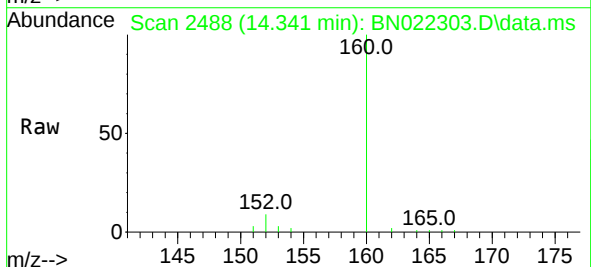
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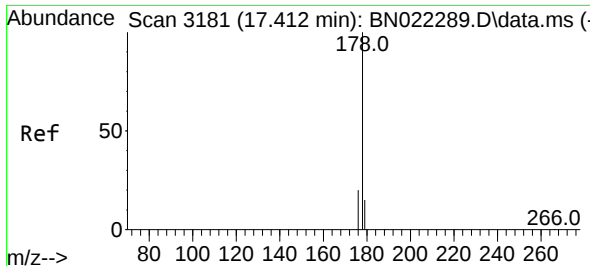
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.028 ng/u1
RT: 14.341 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

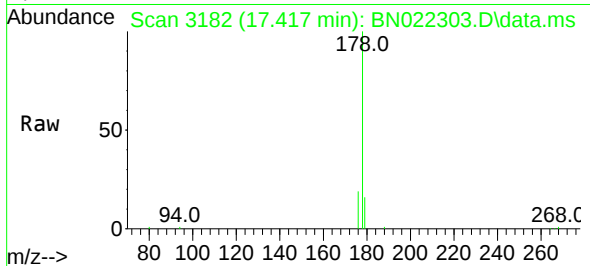
Tgt Ion:152 Resp: 967
Ion Ratio Lower Upper
152 100
151 28.9 15.9 23.9#
153 31.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.312 ng/ul
RT: 17.417 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

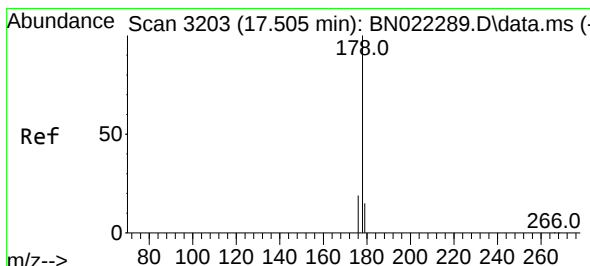
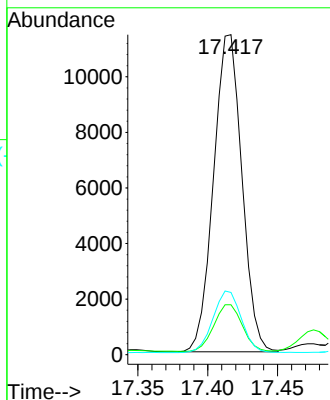
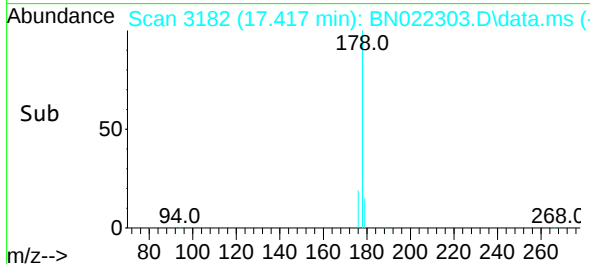
Instrument :
BNA_N
ClientSampleId :
C0BS2



Tgt Ion:178 Resp: 1610
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.5 15.4 23.2

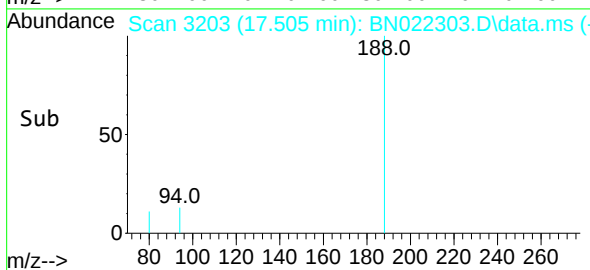
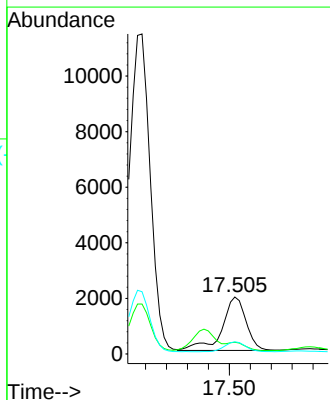
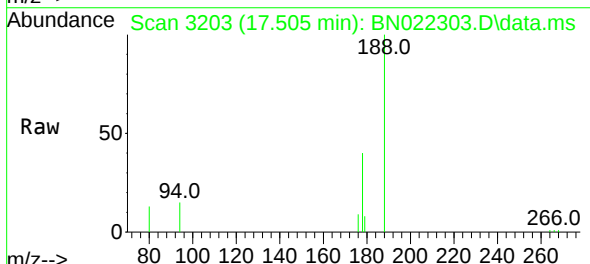
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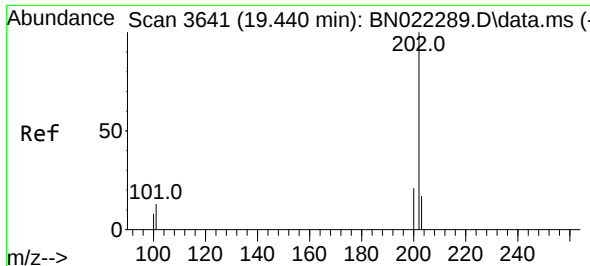
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#16
Anthracene
Concen: 0.071 ng/ul m
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

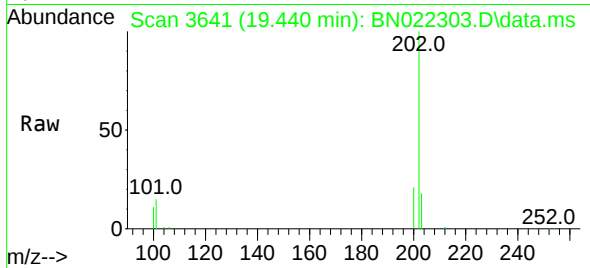
Tgt Ion:178 Resp: 3097
Ion Ratio Lower Upper
178 100
179 20.6 12.6 18.8#
176 21.5 15.0 22.6





#19
Fluoranthene
Concen: 0.540 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

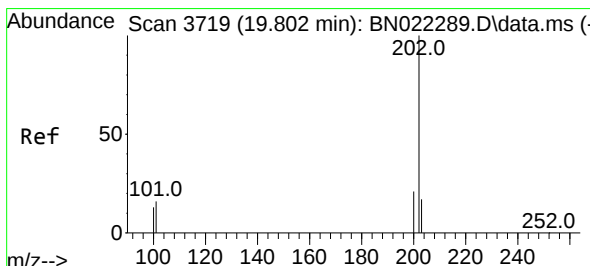
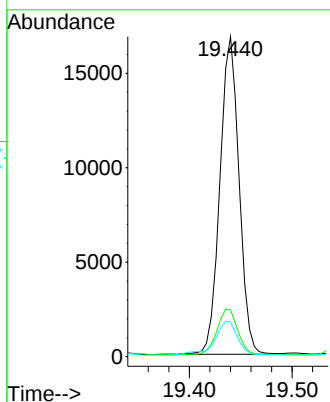
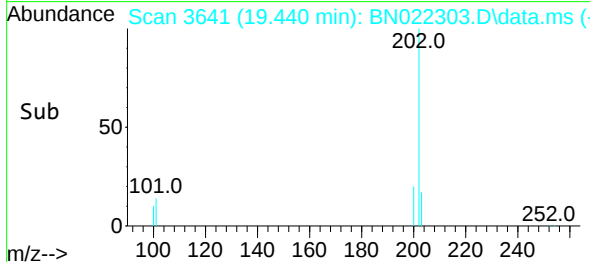
Instrument :
BNA_N
ClientSampleId :
C0BS2



Tgt Ion:202 Resp: 2179
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.8 8.7 13.1

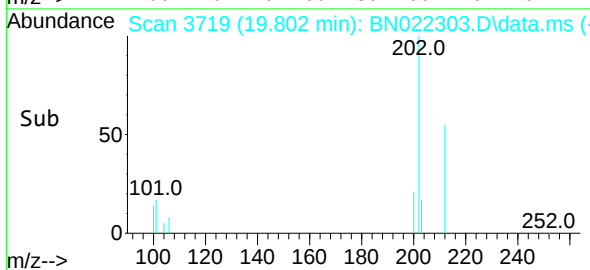
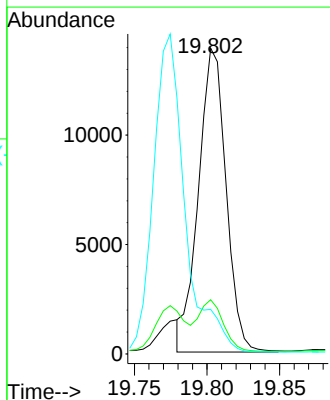
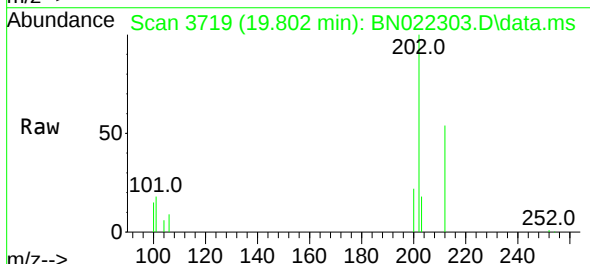
Manual Integrations
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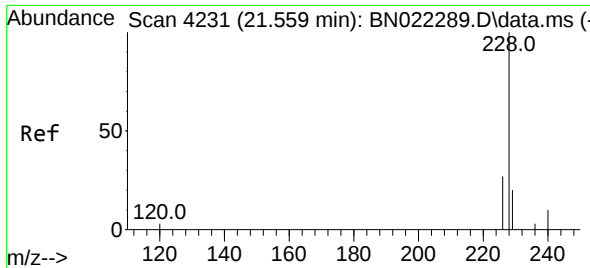
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#20
Pyrene
Concen: 0.454 ng/ul m
RT: 19.802 min Scan# 3719
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

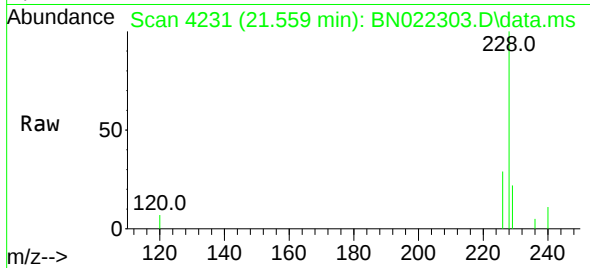
Tgt Ion:202 Resp: 18389
Ion Ratio Lower Upper
202 100
101 17.7 13.1 19.7
100 14.6 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.253 ng/u1
RT: 21.559 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

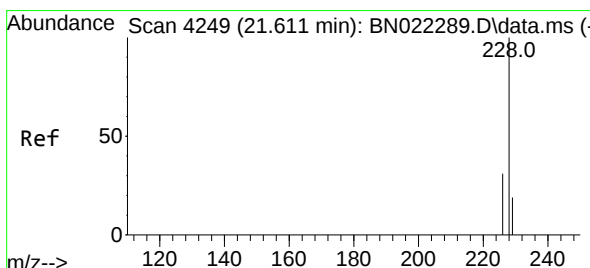
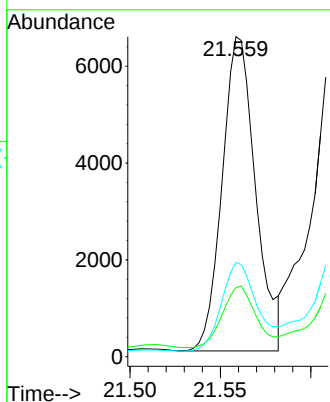
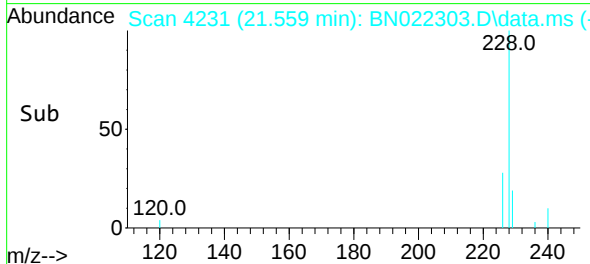
Instrument :
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ClientSampleId :
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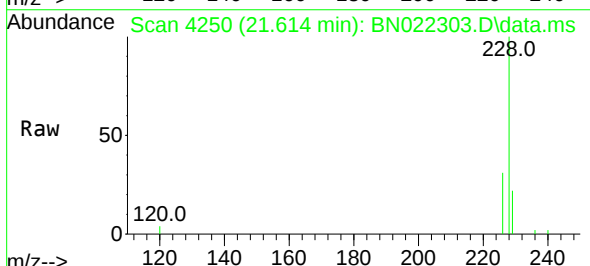
Tgt Ion:228 Resp: 8354
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.4 21.5 32.3

Manual Integrations
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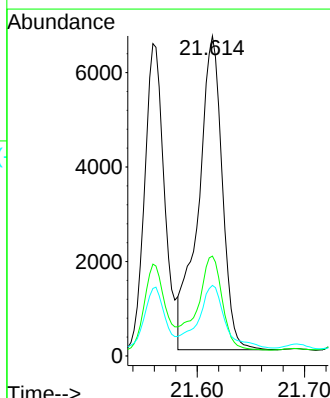
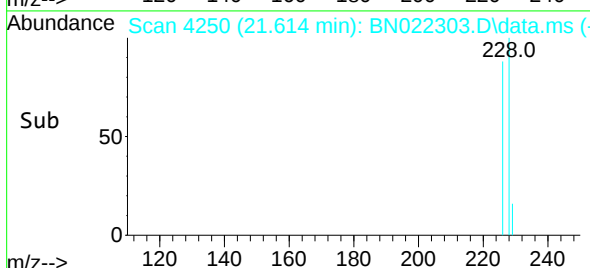
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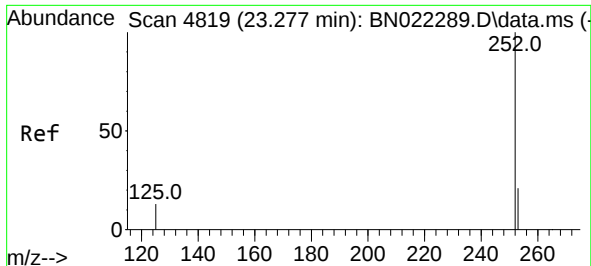


#22
Chrysene
Concen: 0.294 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44



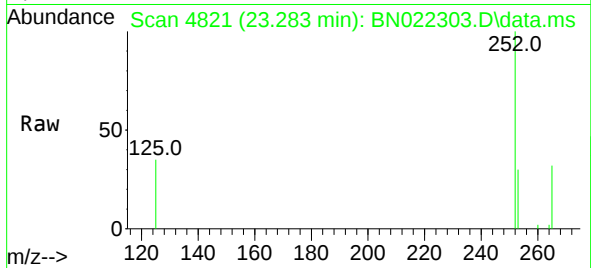
Tgt Ion:228 Resp: 10295
Ion Ratio Lower Upper
228 100
226 31.2 23.9 35.9
229 22.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul m
RT: 23.283 min Scan# 4821
Delta R.T. 0.006 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

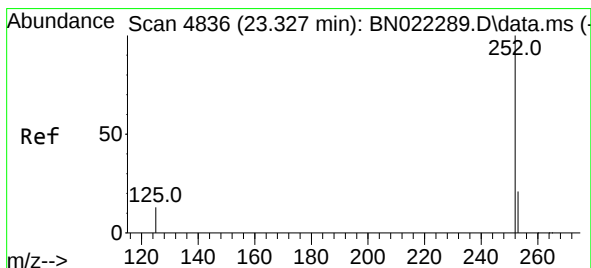
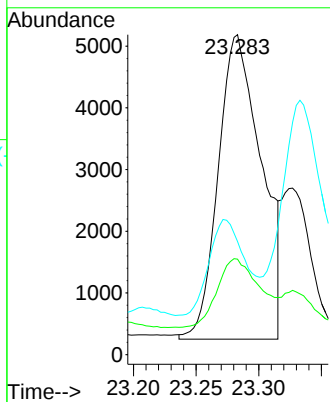
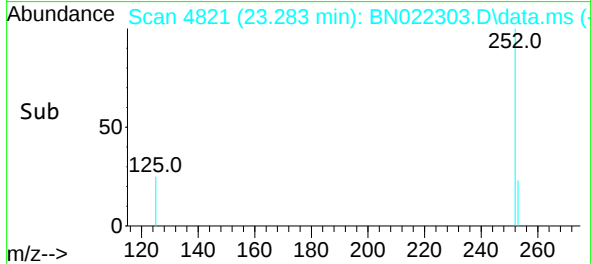
Instrument :
BNA_N
ClientSampleId :
C0BS2



Tgt Ion:252 Resp: 11810
Ion Ratio Lower Upper
252 100
253 29.8 0.0 49.0
125 35.3 0.0 35.2

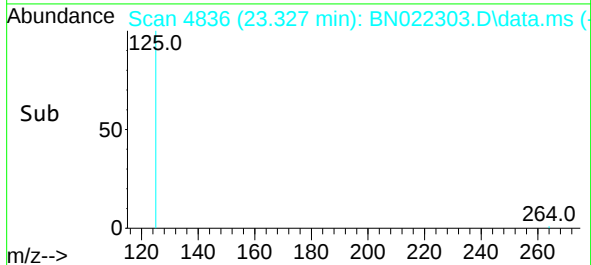
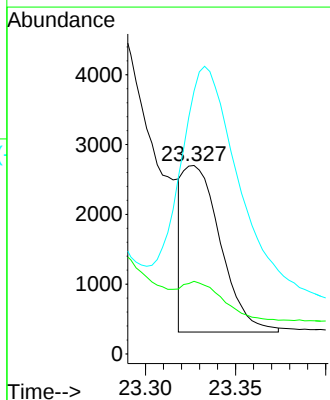
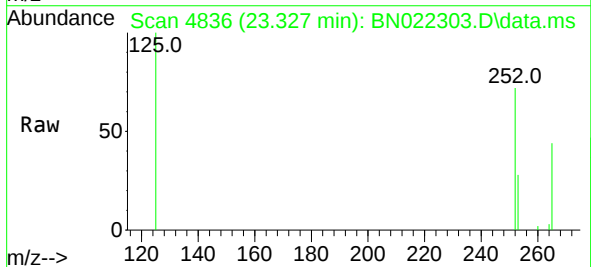
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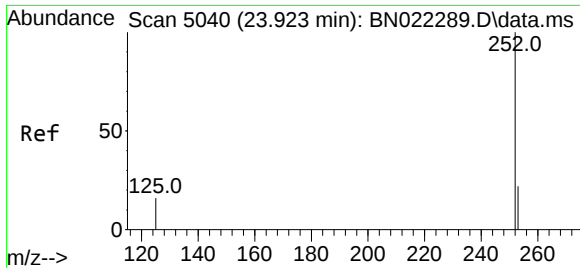
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

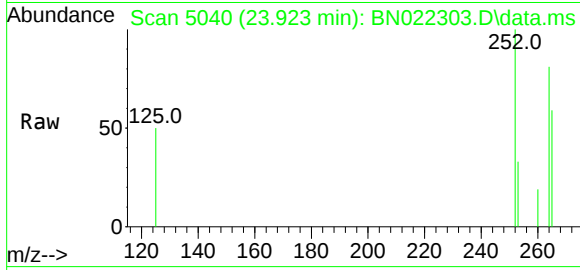
Tgt Ion:252 Resp: 3485
Ion Ratio Lower Upper
252 100
253 38.6 19.7 29.5#
125 139.5 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.248 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

Instrument :
BNA_N
ClientSampleId :
C0BS2

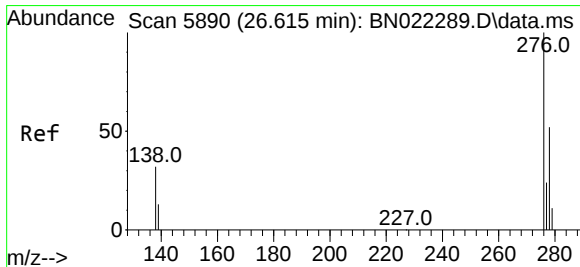
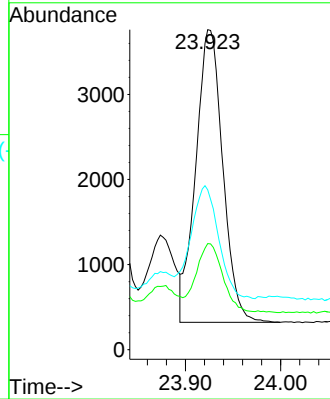
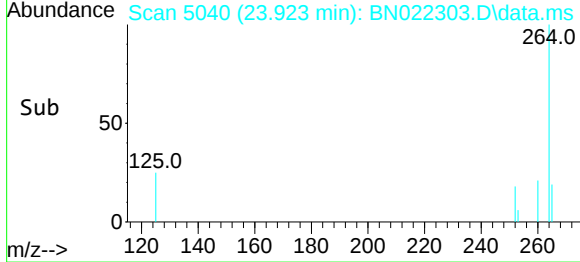


Tgt Ion:252 Resp: 677

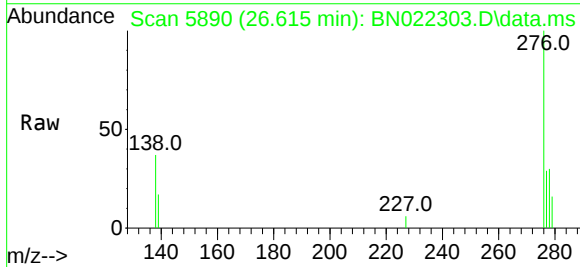
Ion	Ratio	Lower	Upper
252	100		
253	33.1	21.0	31.6
125	50.0	17.9	26.9

Manual Integrations
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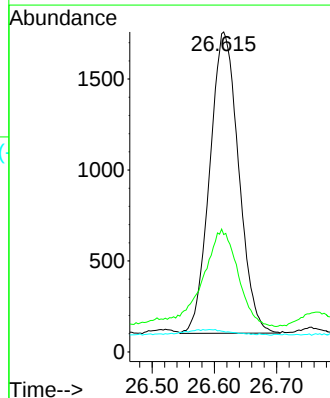
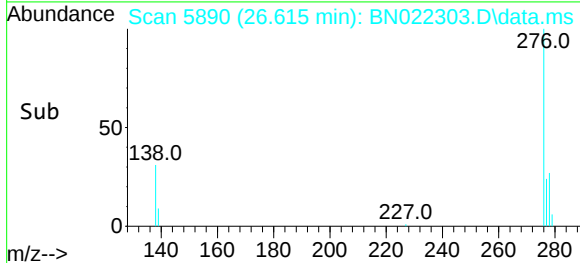


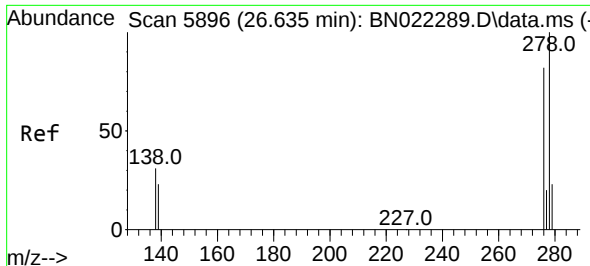
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.157 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. 0.000 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44



Tgt Ion:276 Resp: 5333

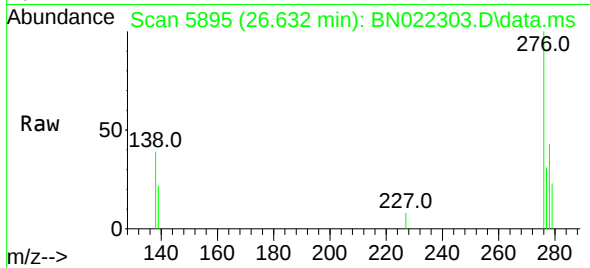
Ion	Ratio	Lower	Upper
276	100		
138	38.4	27.7	41.5
227	0.0	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.632 min Scan# 5896
Delta R.T. -0.007 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44

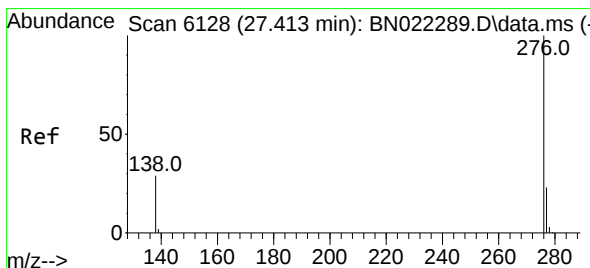
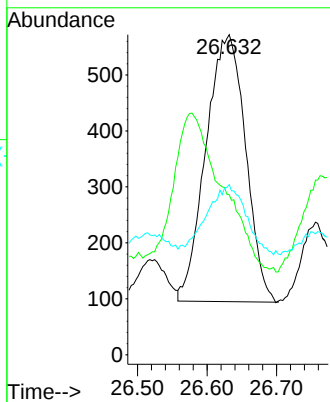
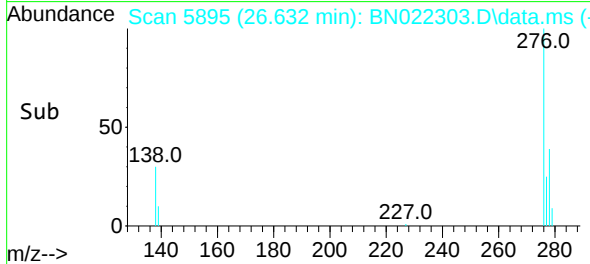
Instrument :
BNA_N
ClientSampleId :
C0BS2



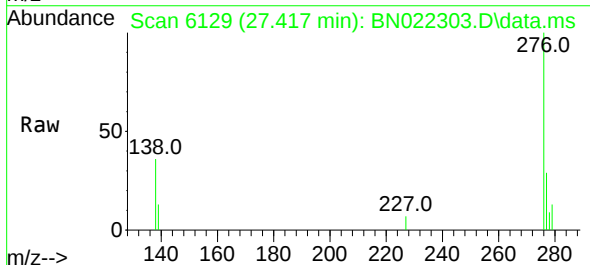
Tgt Ion:278 Resp: 188
Ion Ratio Lower Upper
278 100
139 50.0 19.6 29.4
279 53.1 20.6 30.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.165 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. 0.007 min
Lab File: BN022303.D
Acq: 24 Oct 2022 17:44



Tgt Ion:276 Resp: 4582
Ion Ratio Lower Upper
276 100
138 36.1 25.2 37.8
277 28.5 19.9 29.9

