

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022311.D
 Acq On : 24 Oct 2022 23:20
 Operator : CG/JU
 Sample : N5070-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COBM2

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 04:50:11 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	3690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	13393	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	7964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16223	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9905	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	7336	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	21607	4.506	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	6286	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	12531	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	20284	0.513	ng/ul	100
7) 2-Methylnaphthalene	12.438	142	17201	0.690	ng/ul	100
8) 1-Methylnaphthalene	12.658	142	14081	0.549	ng/ul	100
10) Acenaphthylene	14.336	152	4112	0.115	ng/ul#	87
11) Acenaphthene	14.679	153	1149	0.038	ng/ul	96
12) Fluorene	15.669	166	1476	0.042	ng/ul#	89
15) Phenanthrene	17.412	178	54742	1.005	ng/ul	100
16) Anthracene	17.505	178	5929	0.129	ng/ul	96
19) Fluoranthene	19.435	202	96921	2.136	ng/ul	100
20) Pyrene	19.802	202	79561	1.746	ng/ul	98
21) Benzo(a)anthracene	21.555	228	43248	1.165	ng/ul	96
22) Chrysene	21.611	228	60276	1.532	ng/ul	97
24) Benzo(b)fluoranthene	23.277	252	56882m	1.544	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	19437m	0.543	ng/ul	
26) Benzo(a)pyrene	23.920	252	32482	1.106	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.608	276	25257	0.692	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.618	278	11999	0.411	ng/ul#	83
29) Benzo(g,h,i)perylene	27.410	276	21370	0.718	ng/ul	97

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

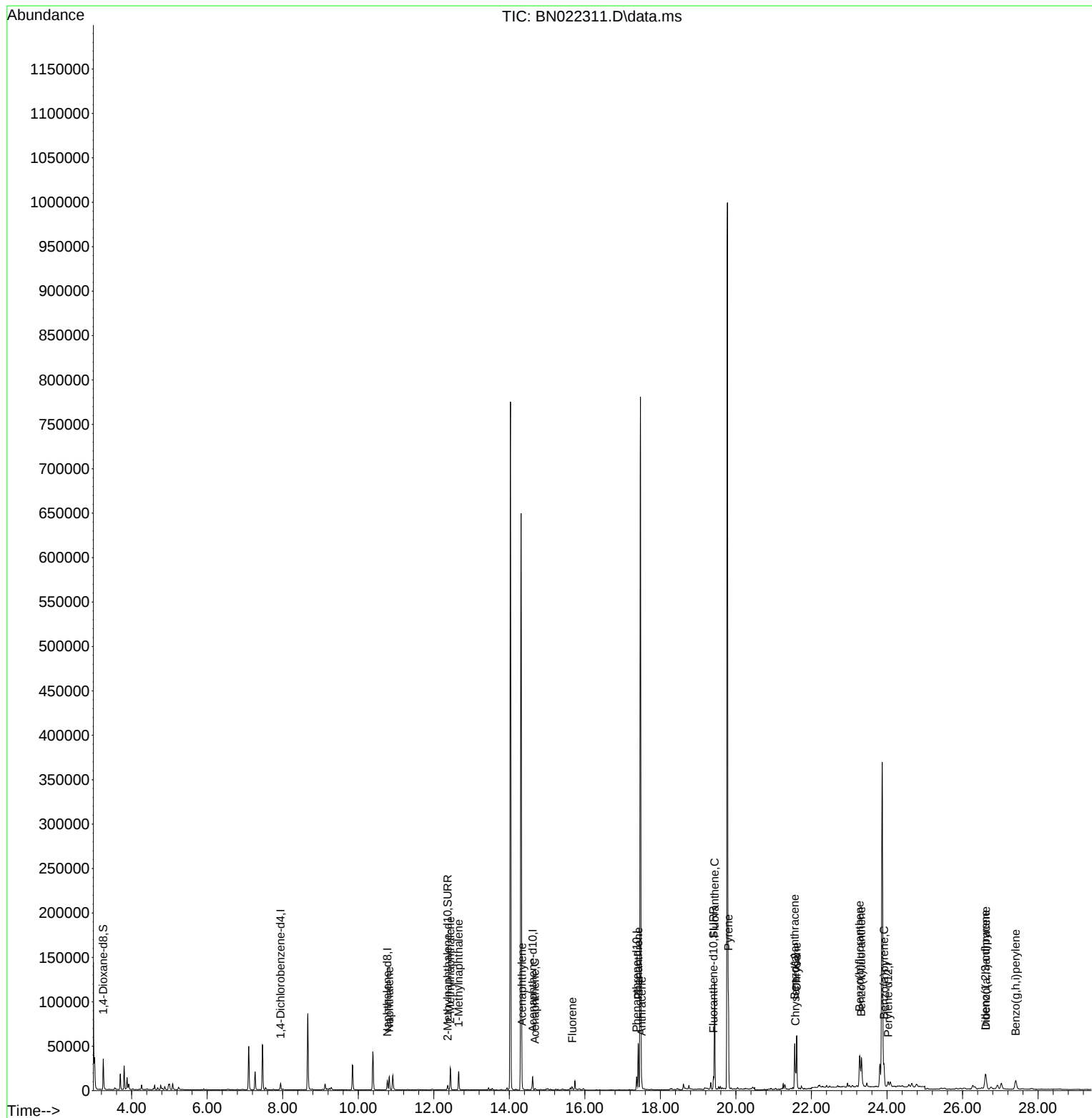
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022311.D
Acq On : 24 Oct 2022 23:20
Operator : CG/JU
Sample : N5070-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

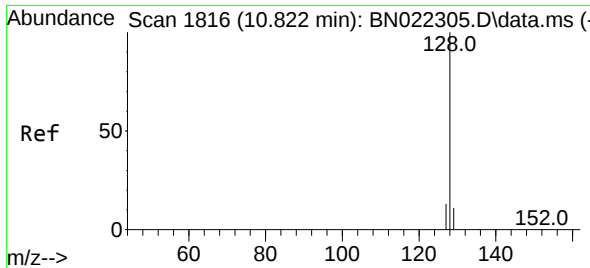
Instrument :
BNA_N
ClientSampleId :
C0BM2

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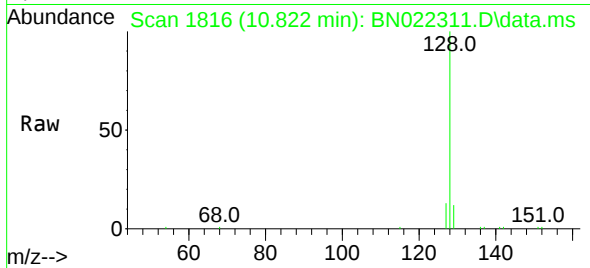
Quant Time: Oct 25 04:50:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.513 ng/ul
RT: 10.822 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

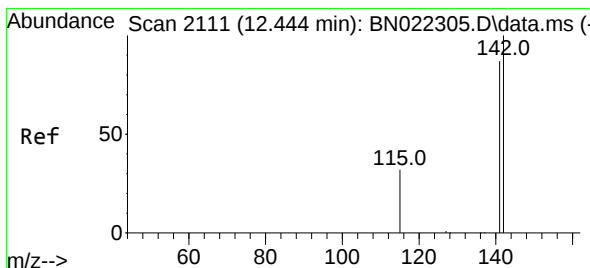
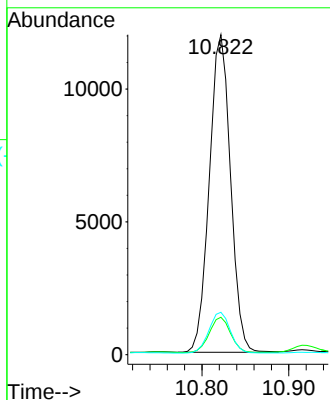
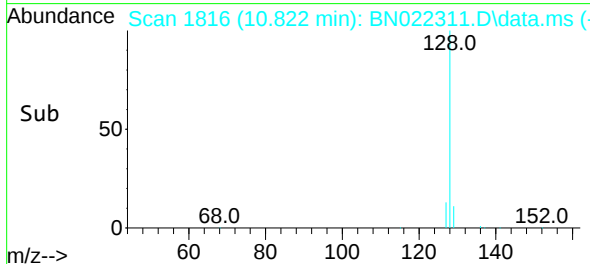
Instrument :
BNA_N
ClientSampleId :
C0BM2



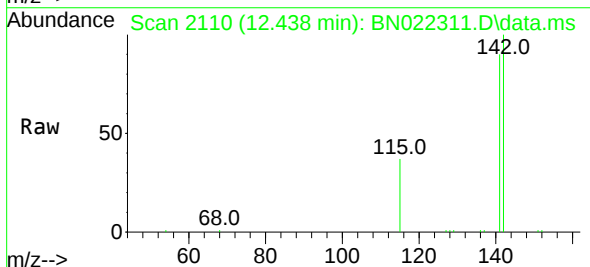
Tgt Ion:128 Resp: 20284
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.3 10.7 16.1

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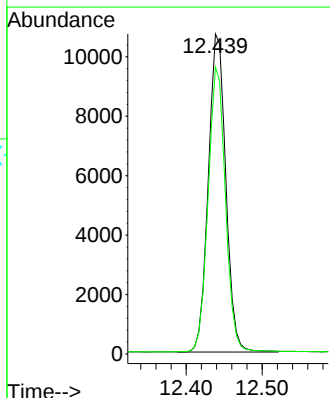
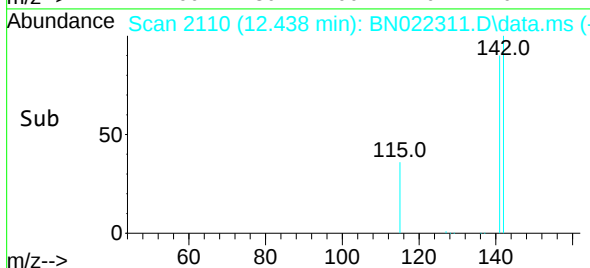
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

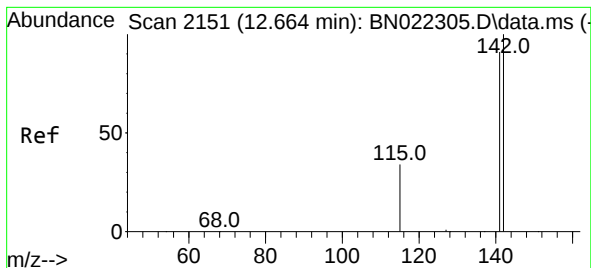


#7
2-Methylnaphthalene
Concen: 0.690 ng/ul
RT: 12.438 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20



Tgt Ion:142 Resp: 17201
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.549 ng/ul

RT: 12.658 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BN022311.D

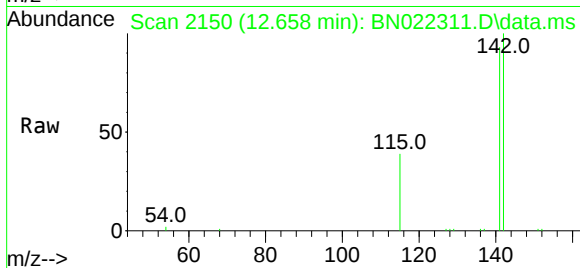
Acq: 24 Oct 2022 23:20

Instrument :

BNA_N

ClientSampleId :

COBM2



Tgt Ion:142 Resp: 1408

Ion Ratio Lower Upper

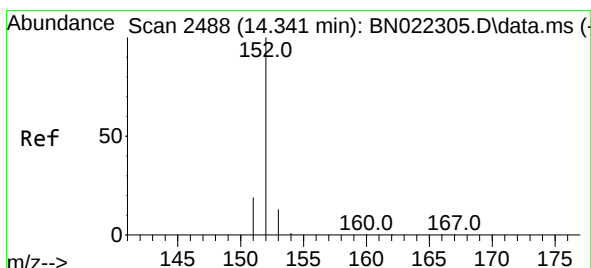
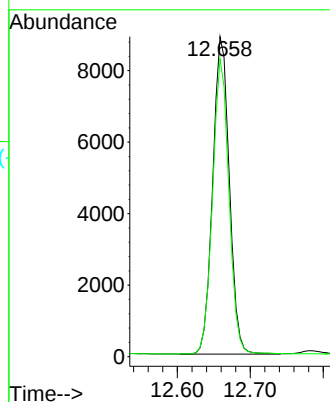
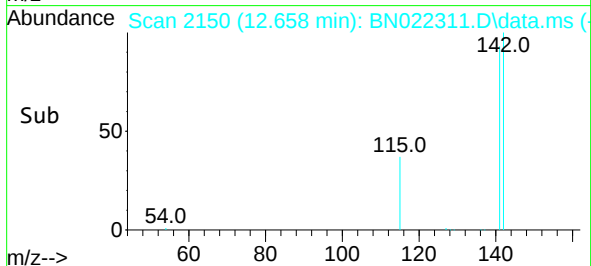
142 100

141 91.6 73.3 109.9

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Supervised By :mohammad ahmed 10/27/2022



#10

Acenaphthylene

Concen: 0.115 ng/ul

RT: 14.336 min Scan# 2487

Delta R.T. -0.005 min

Lab File: BN022311.D

Acq: 24 Oct 2022 23:20

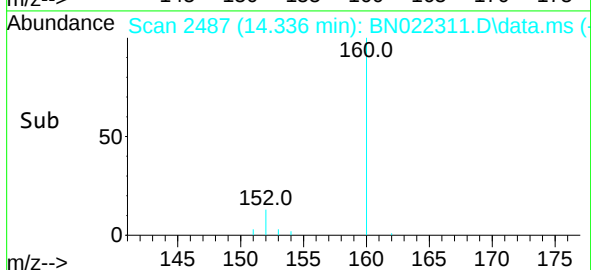
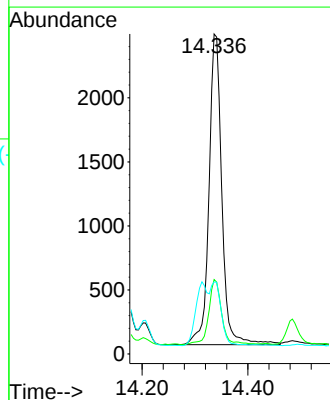
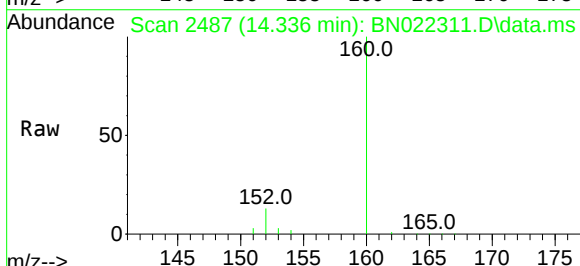
Tgt Ion:152 Resp: 4112

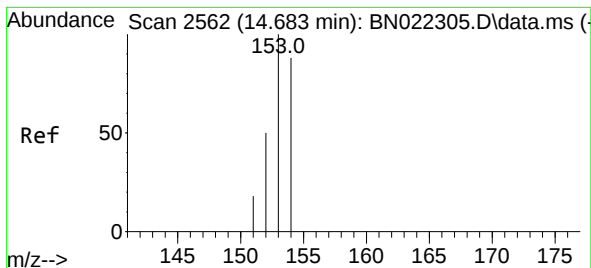
Ion Ratio Lower Upper

152 100

151 23.2 15.9 23.9

153 22.5 10.8 16.2#





#11

Acenaphthene

Concen: 0.038 ng/u1

RT: 14.679 min Scan# 2561

Delta R.T. -0.005 min

Lab File: BN022311.D

Acq: 24 Oct 2022 23:20

Instrument :

BNA_N

ClientSampleId :

C0BM2

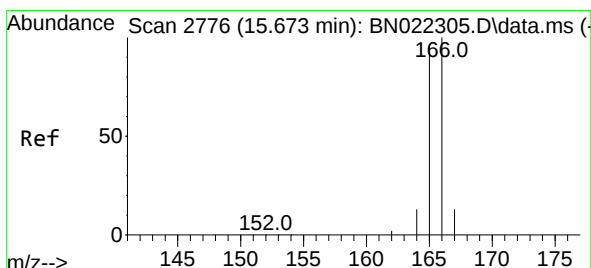
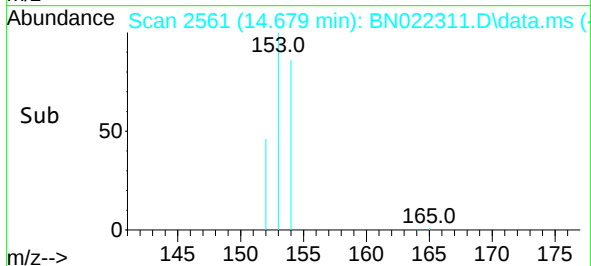
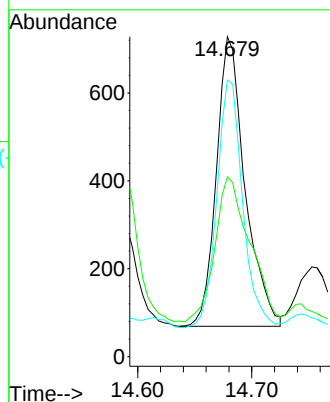
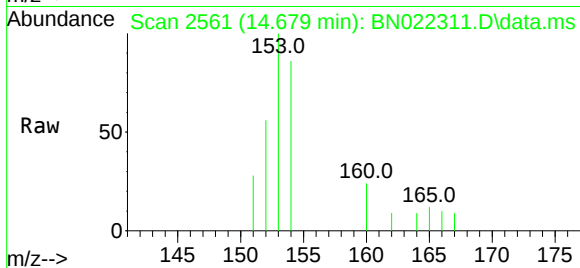
Tgt Ion:153 Resp: 1149

Ion	Ratio	Lower	Upper
153	100		
152	56.2	40.6	61.0
154	86.4	70.6	106.0

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#12

Fluorene

Concen: 0.042 ng/u1

RT: 15.669 min Scan# 2775

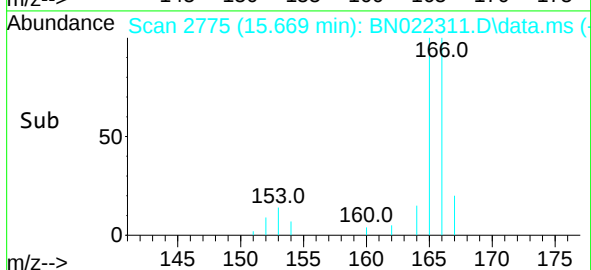
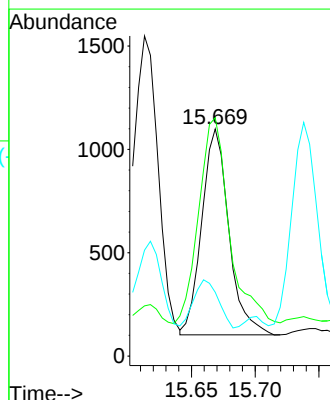
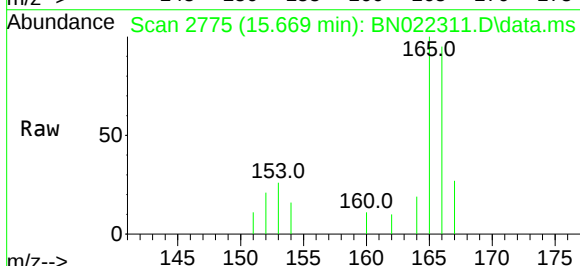
Delta R.T. -0.005 min

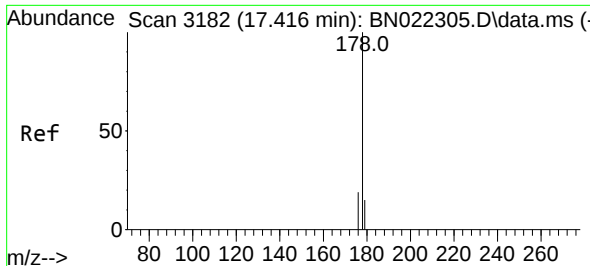
Lab File: BN022311.D

Acq: 24 Oct 2022 23:20

Tgt Ion:166 Resp: 1476

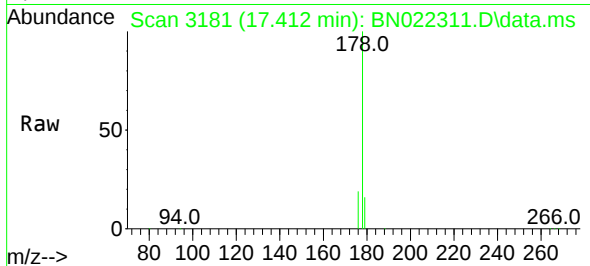
Ion	Ratio	Lower	Upper
166	100		
165	104.9	78.2	117.2
167	28.1	11.0	16.4





#15
Phenanthrene
Concen: 1.005 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

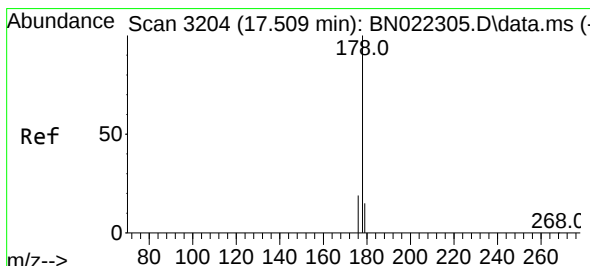
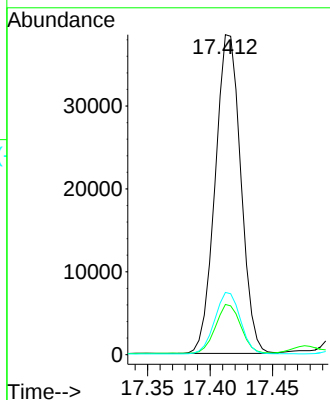
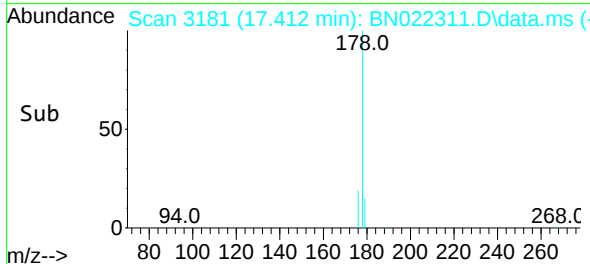
Instrument :
BNA_N
ClientSampleId :
C0BM2



Tgt Ion:178 Resp: 5474
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.4 15.4 23.2

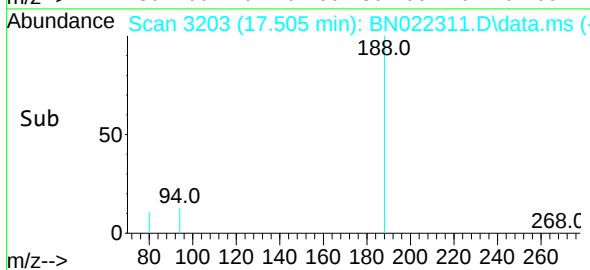
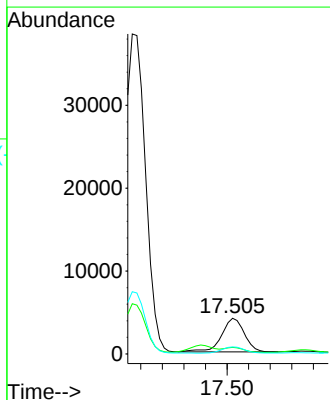
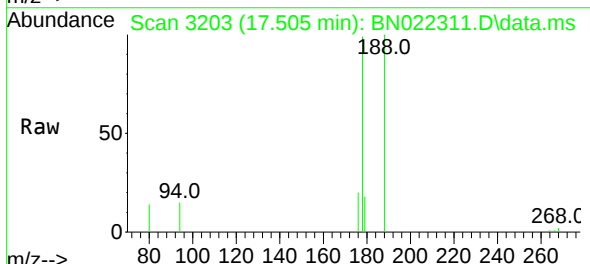
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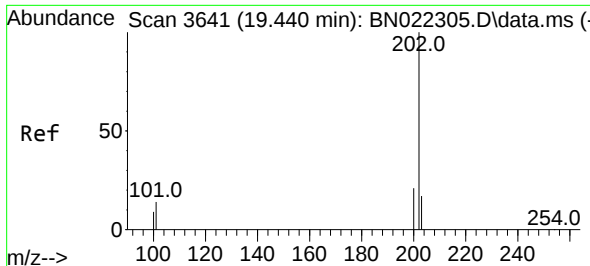
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#16
Anthracene
Concen: 0.129 ng/u1
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

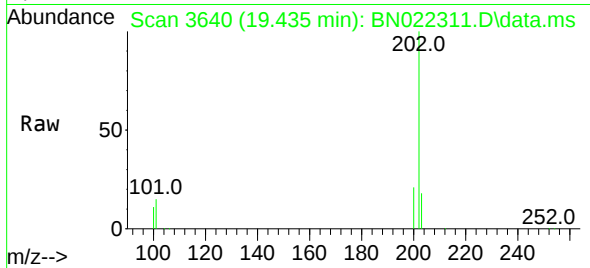
Tgt Ion:178 Resp: 5929
Ion Ratio Lower Upper
178 100
179 18.3 12.6 18.8
176 19.9 15.0 22.6





#19
Fluoranthene
Concen: 2.136 ng/u1
RT: 19.435 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

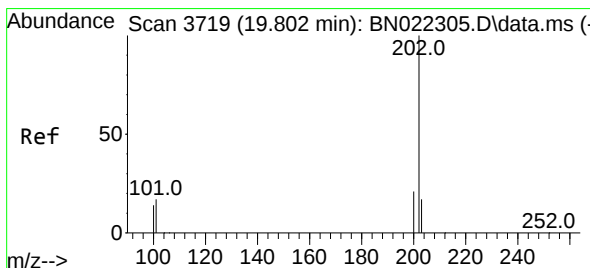
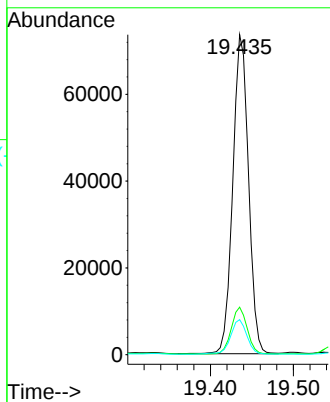
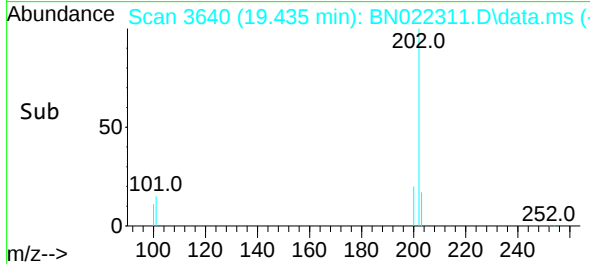
Instrument :
BNA_N
ClientSampleId :
C0BM2



Tgt Ion:202 Resp: 9692
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 10.9 8.7 13.1

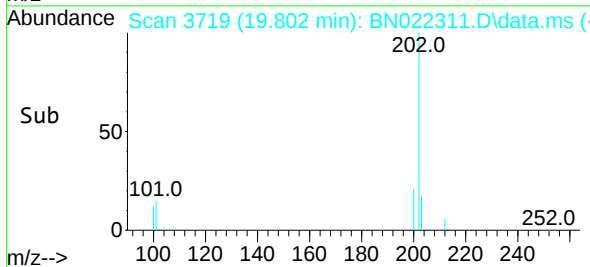
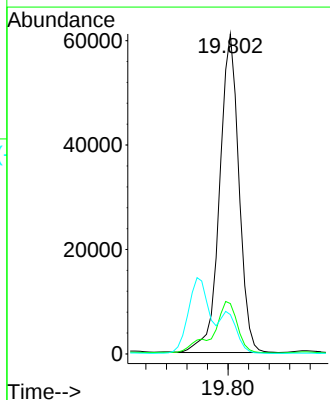
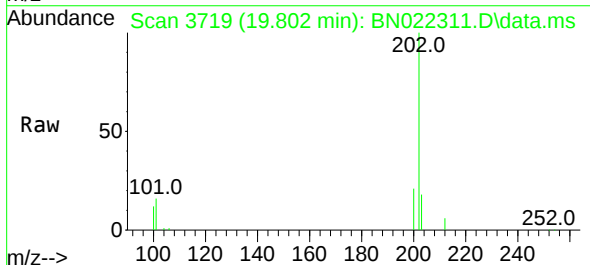
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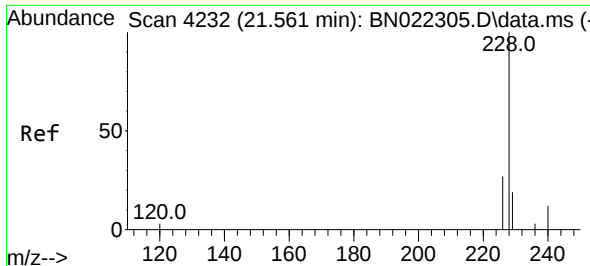
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#20
Pyrene
Concen: 1.746 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

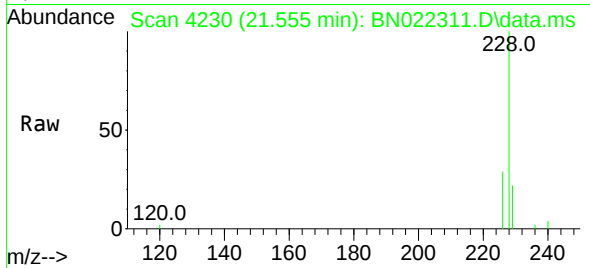
Tgt Ion:202 Resp: 79561
Ion Ratio Lower Upper
202 100
101 15.8 13.1 19.7
100 12.3 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.165 ng/u1
RT: 21.555 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

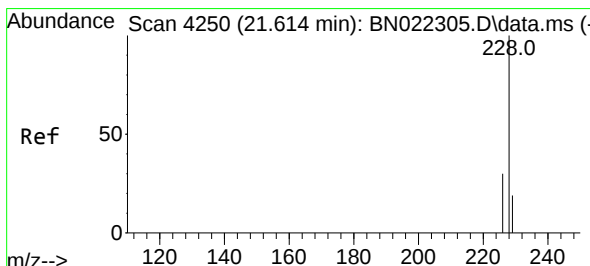
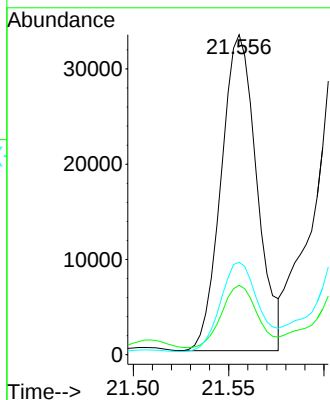
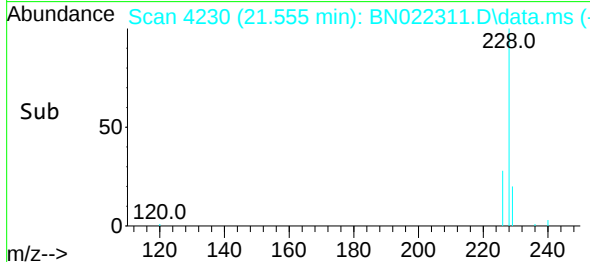
Instrument :
BNA_N
ClientSampleId :
C0BM2



Tgt Ion:228 Resp: 43248
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.9 21.5 32.3

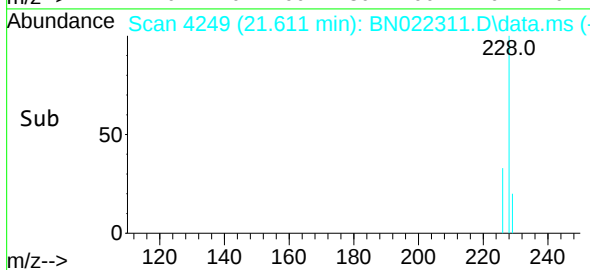
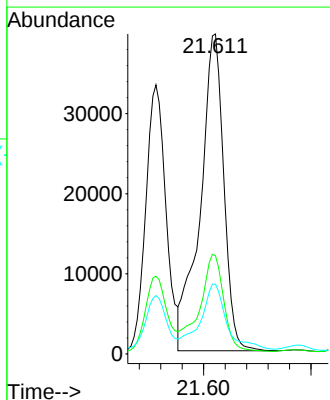
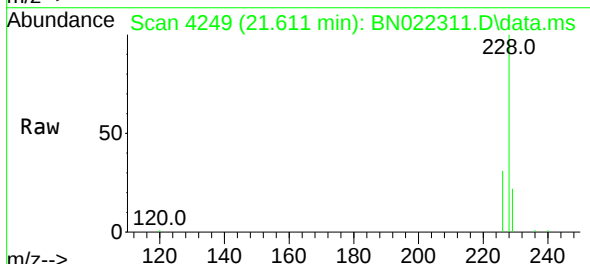
Manual Integrations
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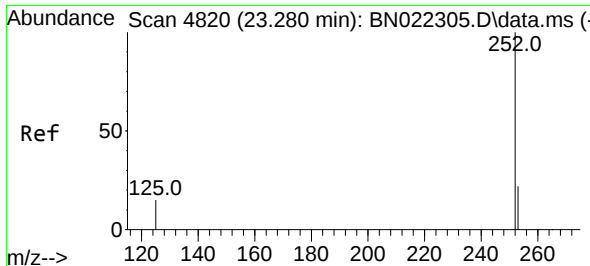
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#22
Chrysene
Concen: 1.532 ng/u1
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

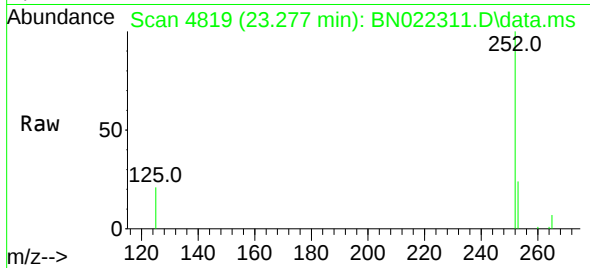
Tgt Ion:228 Resp: 60276
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 21.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.544 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

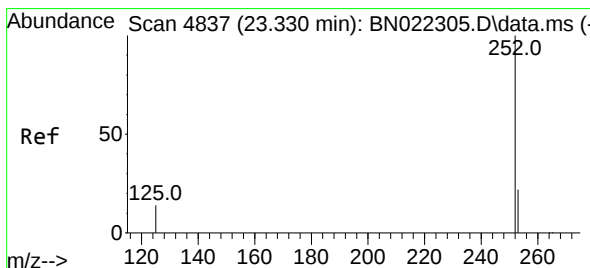
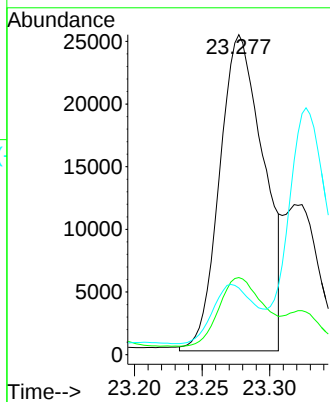
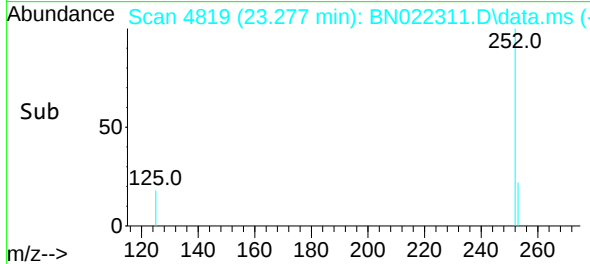
Instrument :
BNA_N
ClientSampleId :
COBM2



Tgt Ion:252 Resp: 5688
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.0
125 20.9 0.0 35.2

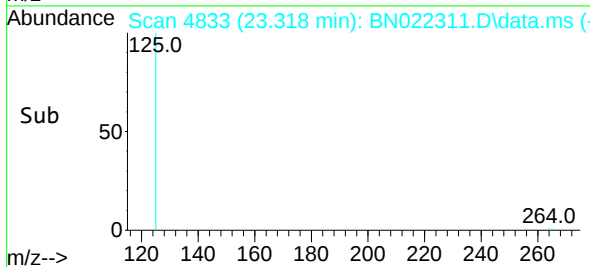
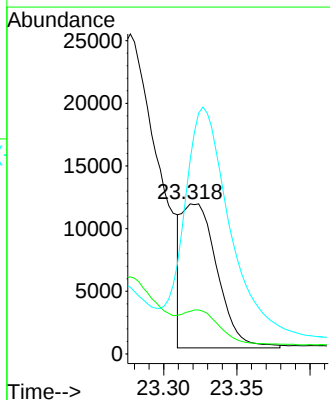
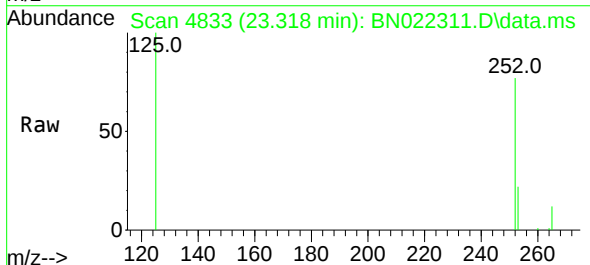
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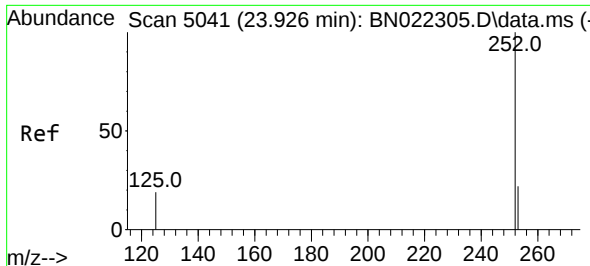
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.543 ng/ul m
RT: 23.318 min Scan# 4833
Delta R.T. -0.009 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

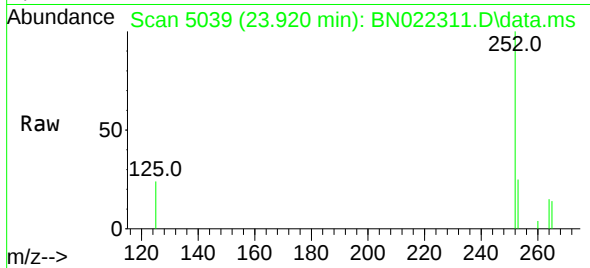
Tgt Ion:252 Resp: 19437
Ion Ratio Lower Upper
252 100
253 28.4 19.7 29.5
125 129.4 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 1.106 ng/ul
RT: 23.920 min Scan# 5041
Delta R.T. -0.000 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

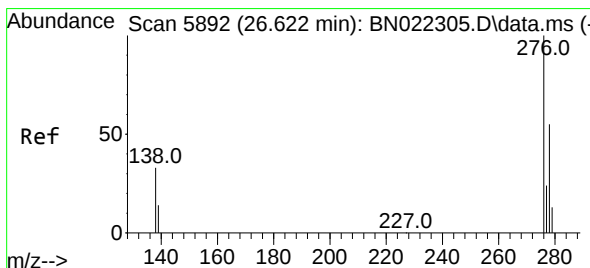
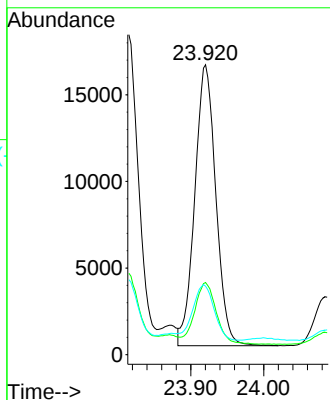
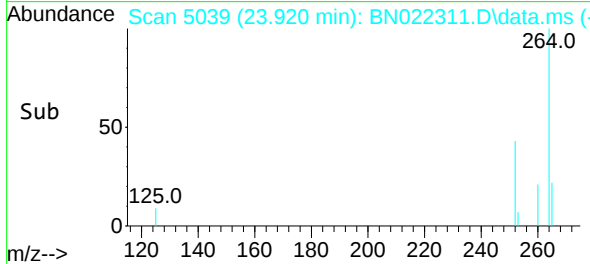
Instrument :
BNA_N
ClientSampleId :
COBM2



Tgt Ion:252 Resp: 3248
Ion Ratio Lower Upper
252 100
253 24.9 21.0 31.6
125 23.6 17.9 26.9

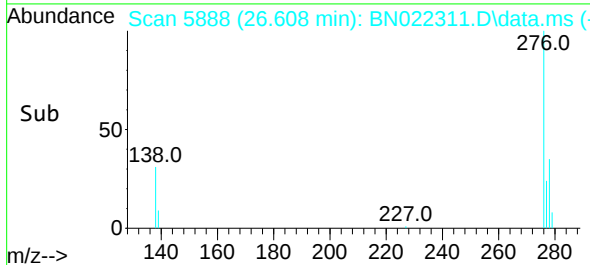
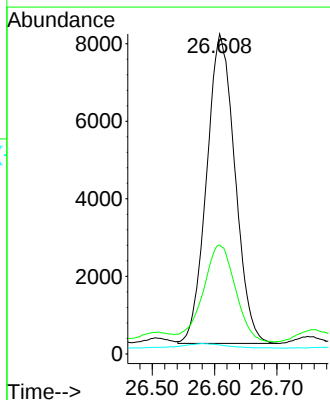
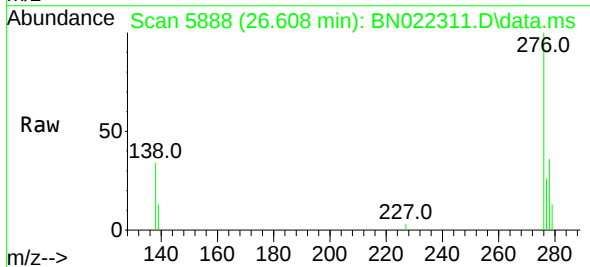
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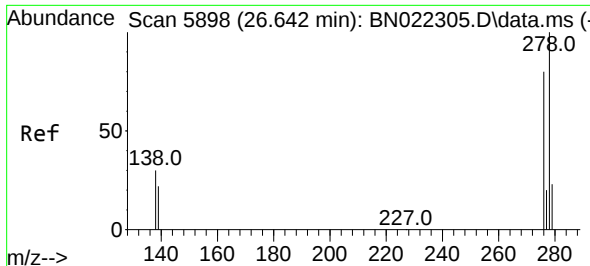
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.692 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.007 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

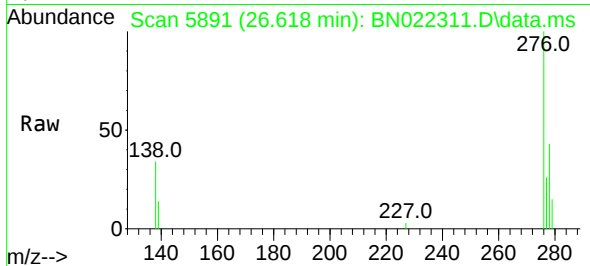
Tgt Ion:276 Resp: 25257
Ion Ratio Lower Upper
276 100
138 35.7 27.7 41.5
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.618 min Scan# 5898
Delta R.T. -0.020 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20

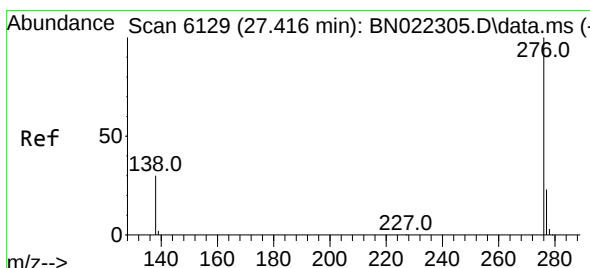
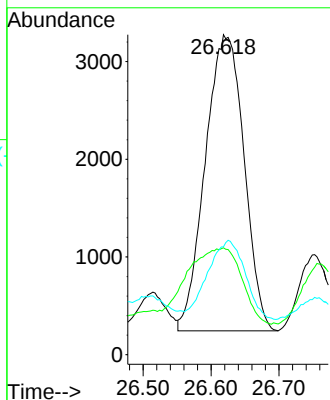
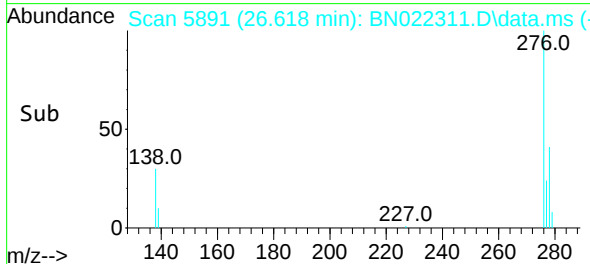
Instrument :
BNA_N
ClientSampleId :
C0BM2



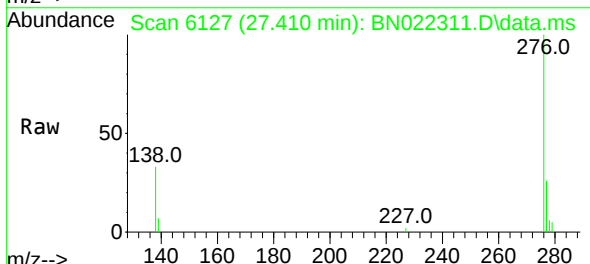
Tgt Ion:278 Resp: 1199
Ion Ratio Lower Upper
278 100
139 33.4 19.6 29.4
279 33.7 20.6 30.8

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APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.718 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. -0.000 min
Lab File: BN022311.D
Acq: 24 Oct 2022 23:20



Tgt Ion:276 Resp: 21370
Ion Ratio Lower Upper
276 100
138 33.3 25.2 37.8
277 26.3 19.9 29.9

