

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022294.D
 Acq On : 24 Oct 2022 12:09
 Operator : CG/JU
 Sample : N5119-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC3

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 04:10:05 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	4731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16416	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	9242	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	18437	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10992	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	8739	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	23187	3.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5957	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	11096	0.301	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	14725	0.304	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	9718	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	7464	0.237	ng/ul	99
10) Acenaphthylene	14.336	152	2338	0.056	ng/ul#	84
11) Acenaphthene	14.679	153	2885	0.082	ng/ul	98
12) Fluorene	15.669	166	2906	0.072	ng/ul#	97
15) Phenanthrene	17.416	178	69647	1.125	ng/ul	100
16) Anthracene	17.505	178	12570	0.241	ng/ul	98
19) Fluoranthene	19.440	202	168337	3.344	ng/ul	97
20) Pyrene	19.802	202	134975	2.669	ng/ul	99
21) Benzo(a)anthracene	21.558	228	64739	1.572	ng/ul	98
22) Chrysene	21.611	228	69816	1.599	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	89227m	2.033	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	34096m	0.799	ng/ul	
26) Benzo(a)pyrene	23.926	252	58415	1.670	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.615	276	45208	1.039	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.628	278	10203	0.294	ng/ul#	88
29) Benzo(g,h,i)perylene	27.410	276	39863	1.125	ng/ul	99

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

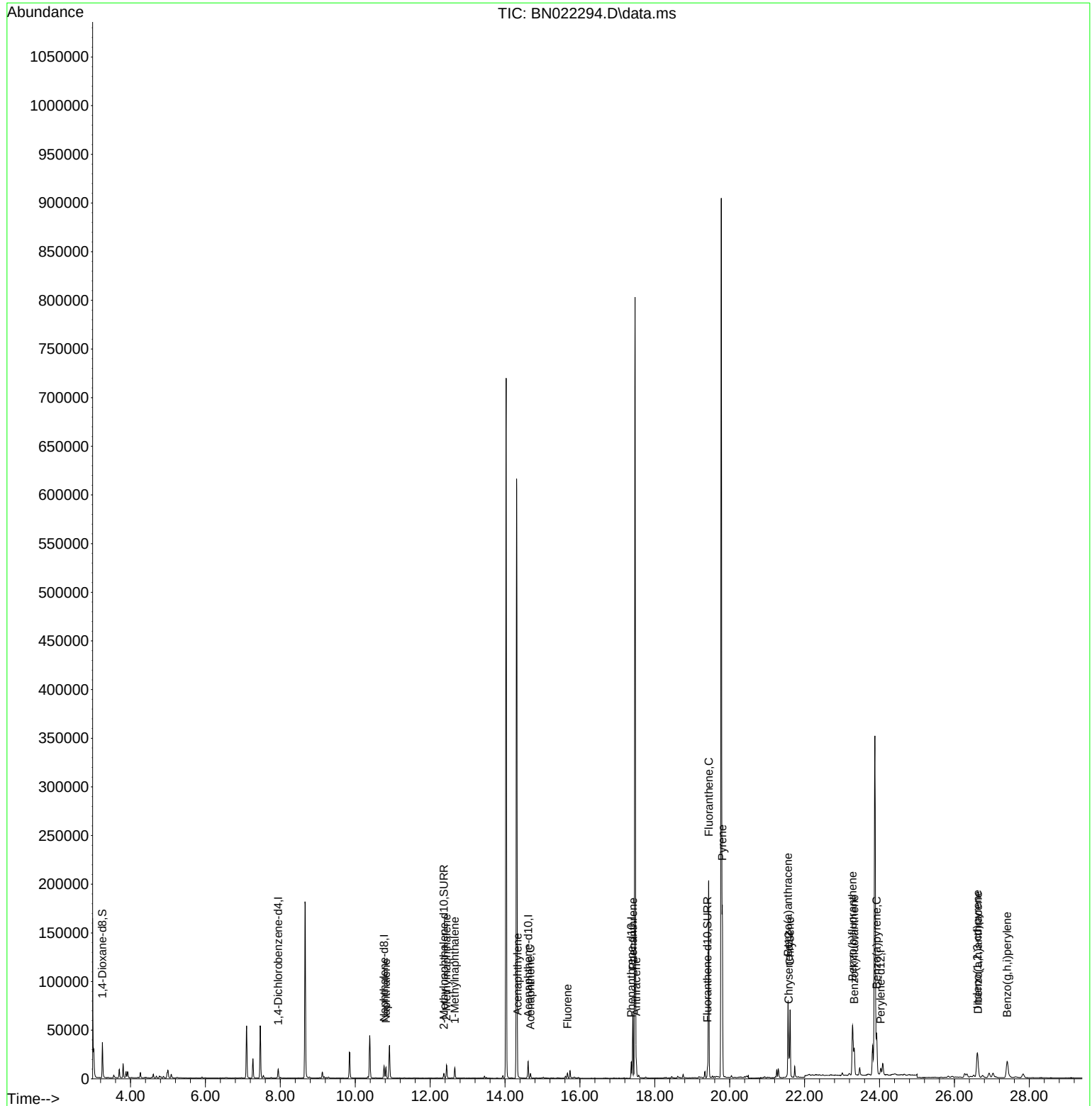
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022294.D
Acq On : 24 Oct 2022 12:09
Operator : CG/JU
Sample : N5119-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

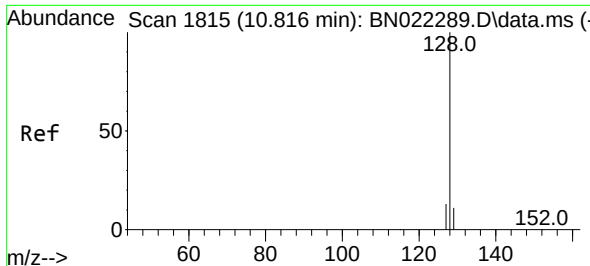
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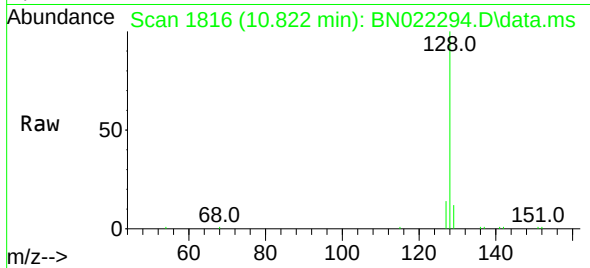
Quant Time: Oct 25 04:10:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.822 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

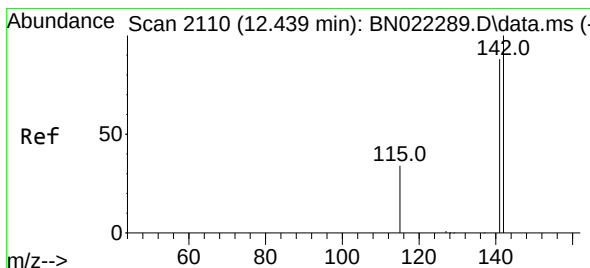
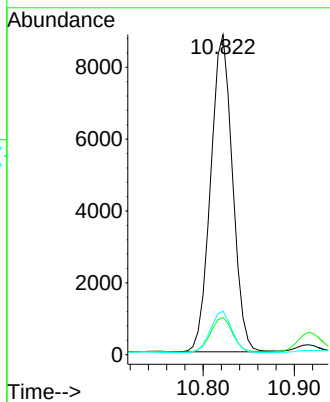
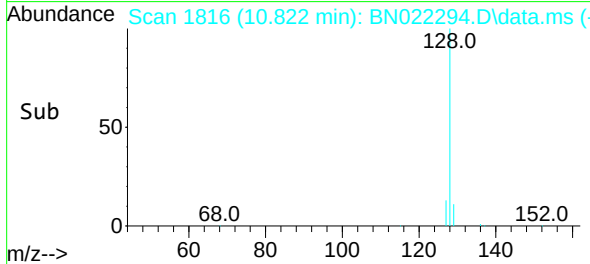
Instrument :
BNA_N
ClientSampleId :
C0BC3



Tgt Ion:128 Resp: 14725
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 10.7 16.1

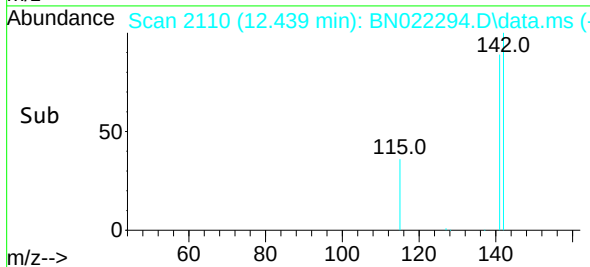
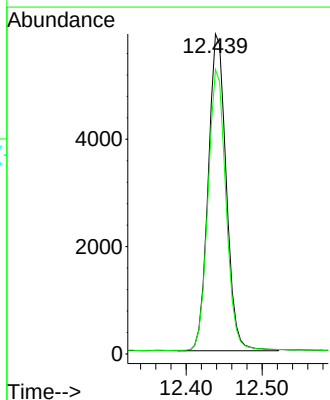
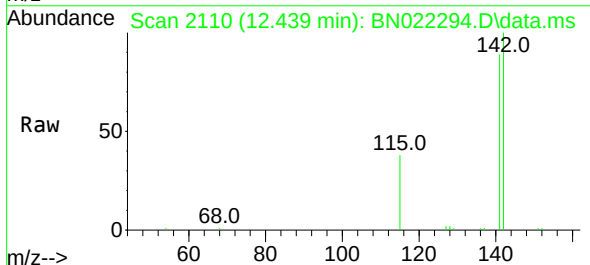
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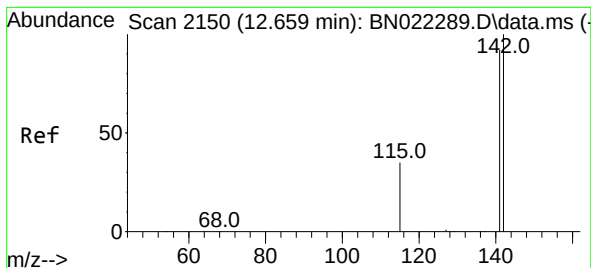
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.439 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

Tgt Ion:142 Resp: 9718
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.237 ng/ul

RT: 12.659 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BN022294.D

Acq: 24 Oct 2022 12:09

Instrument :

BNA_N

ClientSampleId :

C0BC3

Tgt Ion:142 Resp: 7464

Ion Ratio Lower Upper

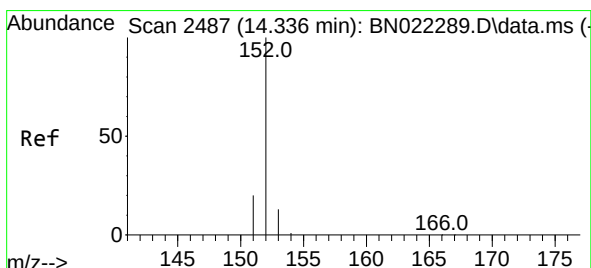
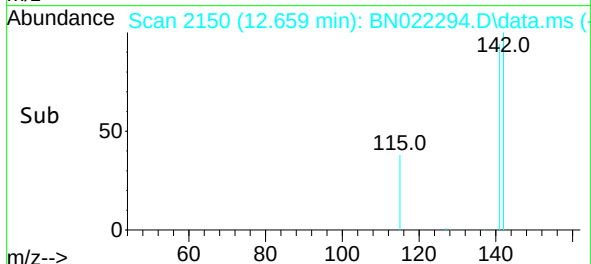
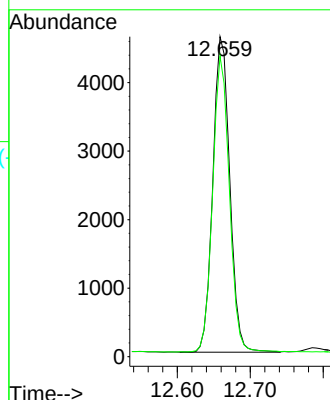
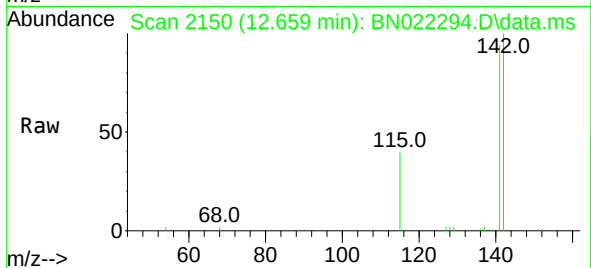
142 100

141 92.3 73.3 109.9

Manual Integrations

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#10

Acenaphthylene

Concen: 0.056 ng/ul

RT: 14.336 min Scan# 2487

Delta R.T. -0.005 min

Lab File: BN022294.D

Acq: 24 Oct 2022 12:09

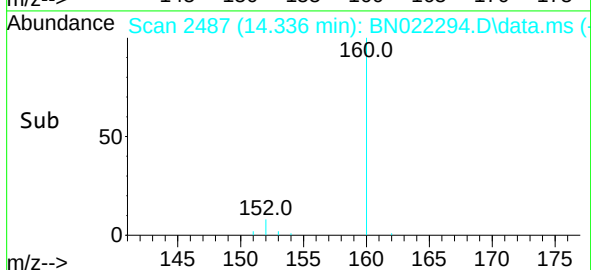
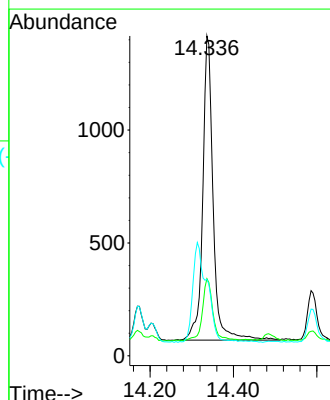
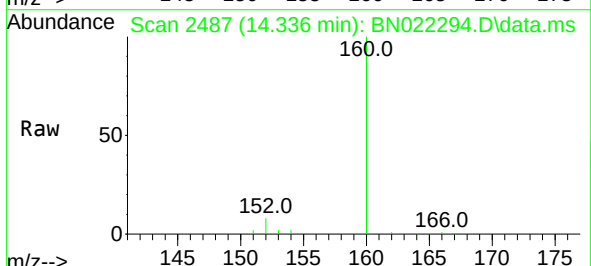
Tgt Ion:152 Resp: 2338

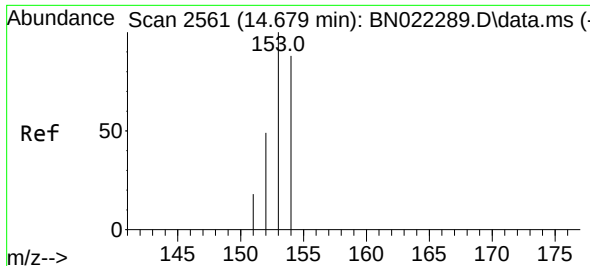
Ion Ratio Lower Upper

152 100

151 24.1 15.9 23.9#

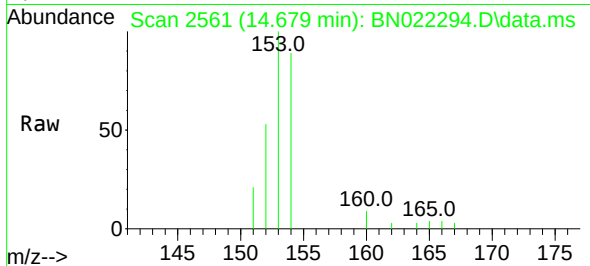
153 23.9 10.8 16.2#





#11
Acenaphthene
Concen: 0.082 ng/u1
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

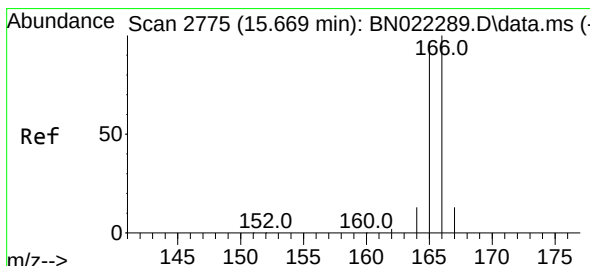
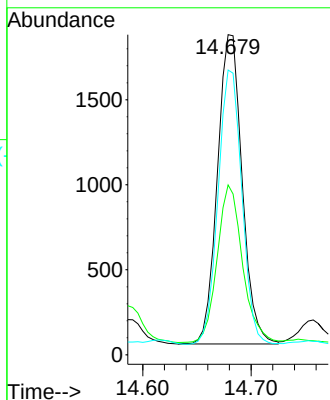
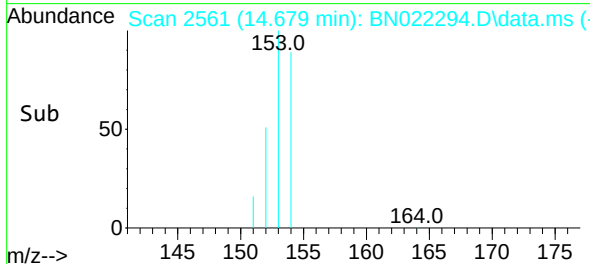
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 288
Ion Ratio Lower Upper
153 100
152 53.1 40.6 61.0
154 89.0 70.6 106.0

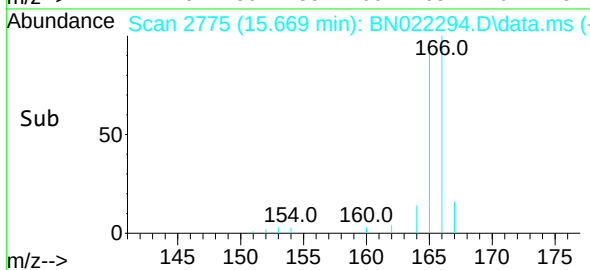
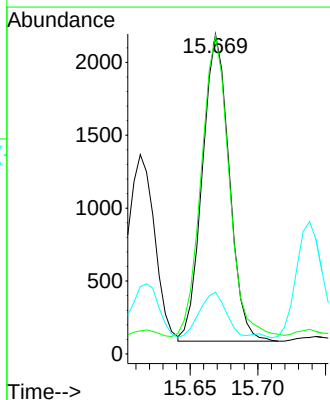
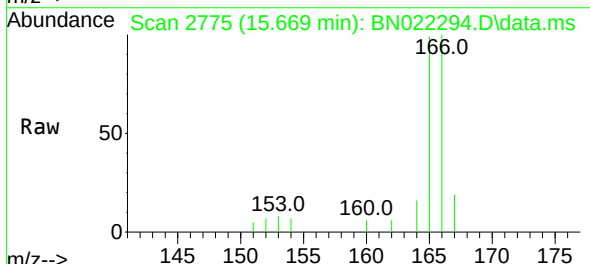
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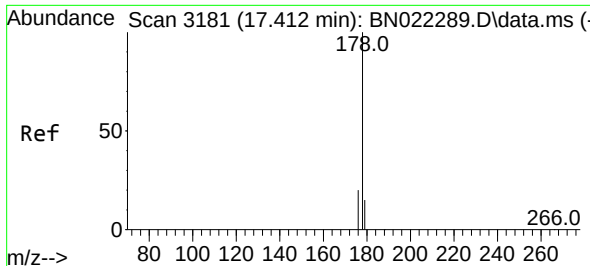
Reviewed By :Jagrut Upadhyay 10/25/2022
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#12
Fluorene
Concen: 0.072 ng/u1
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

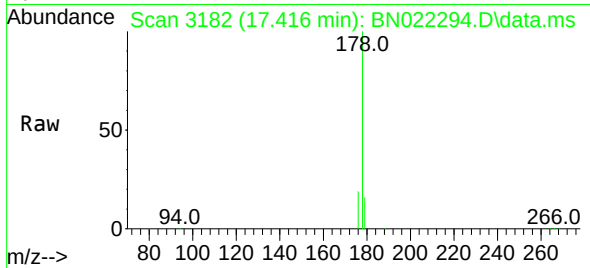
Tgt Ion:166 Resp: 2906
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.2
167 19.3 11.0 16.4





#15
Phenanthrene
Concen: 1.125 ng/ul
RT: 17.416 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

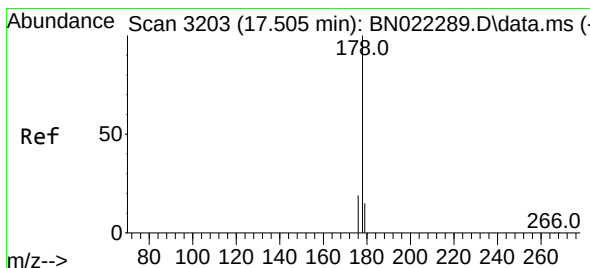
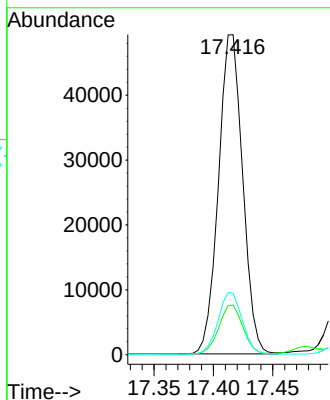
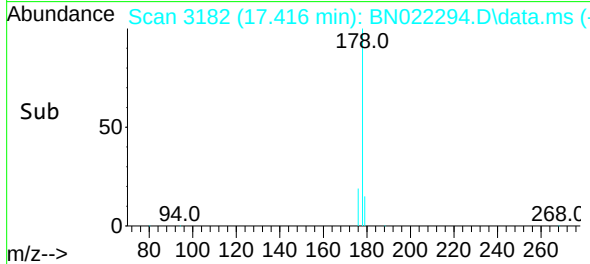
Instrument :
BNA_N
ClientSampleId :
C0BC3



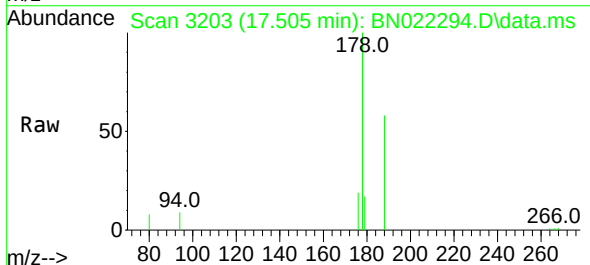
Tgt Ion:178 Resp: 6964
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 15.4 23.2

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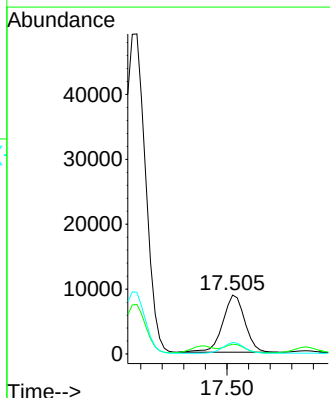
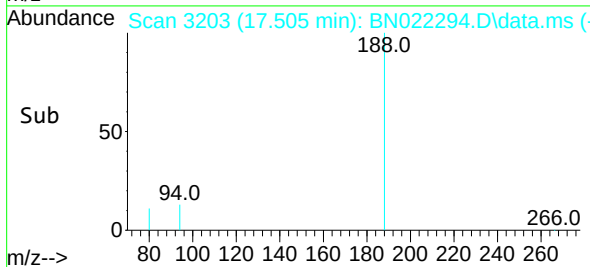
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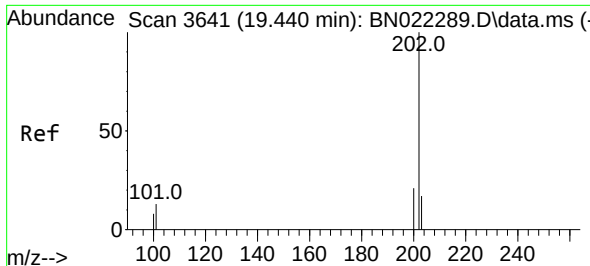


#16
Anthracene
Concen: 0.241 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09



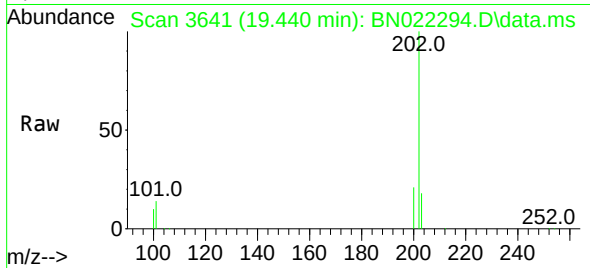
Tgt Ion:178 Resp: 12570
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.4 15.0 22.6





#19
Fluoranthene
Concen: 3.344 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

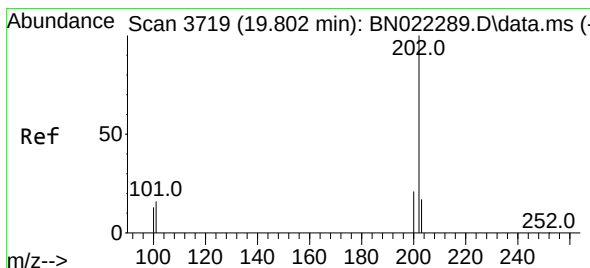
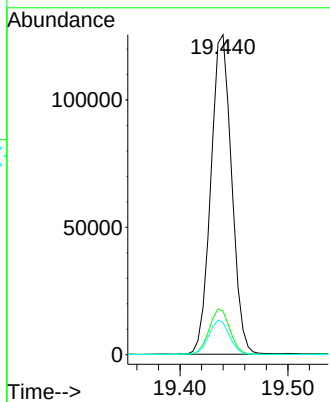
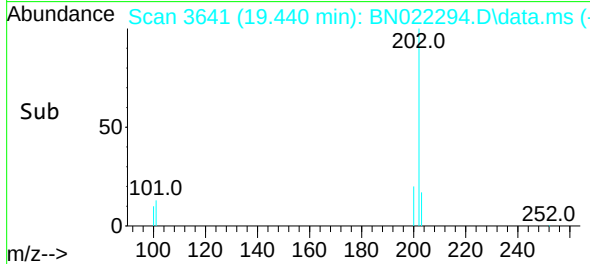
Instrument :
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ClientSampleId :
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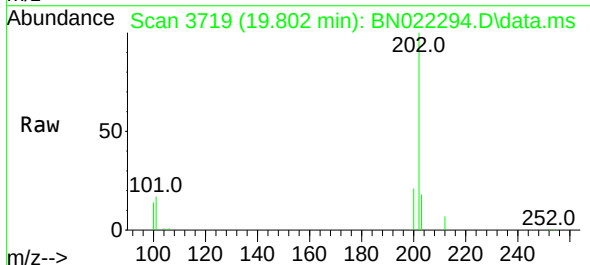
Tgt Ion:202 Resp: 16833
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.0 8.7 13.1

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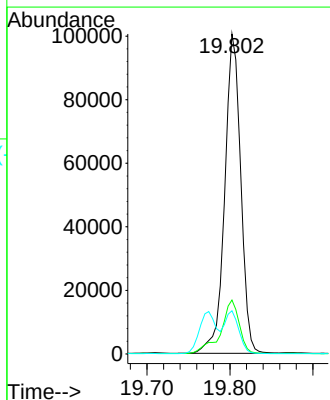
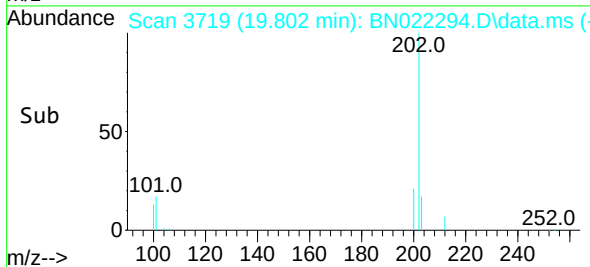
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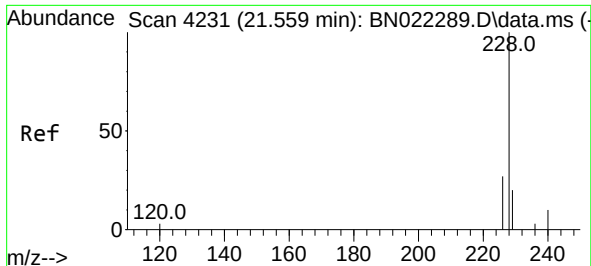


#20
Pyrene
Concen: 2.669 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09



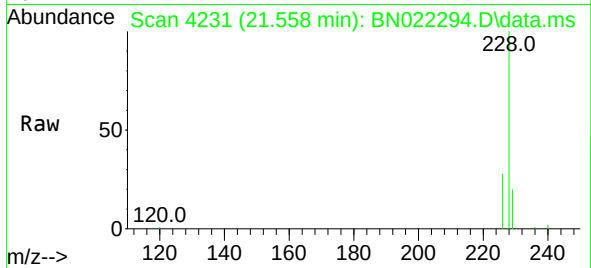
Tgt Ion:202 Resp: 134975
Ion Ratio Lower Upper
202 100
101 16.8 13.1 19.7
100 13.5 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.572 ng/ul
RT: 21.558 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

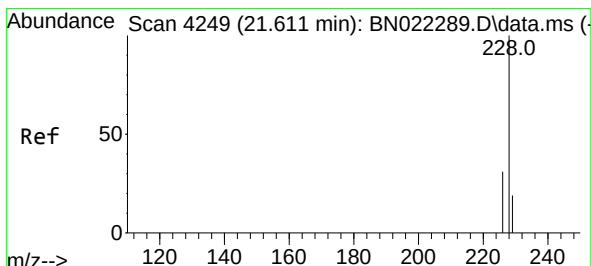
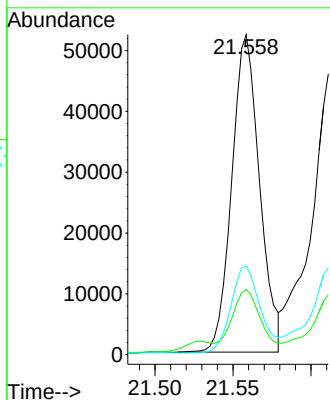
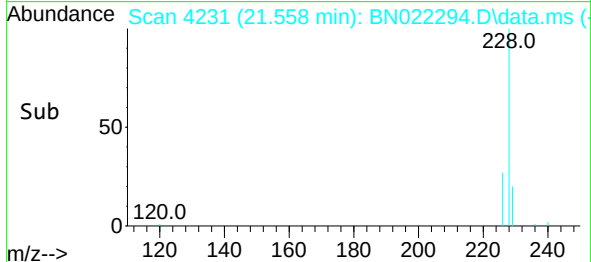
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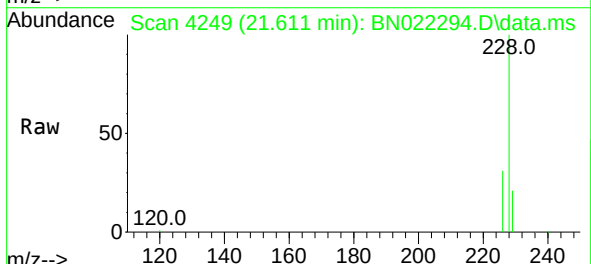
Tgt Ion:228 Resp: 64739
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.7 21.5 32.3

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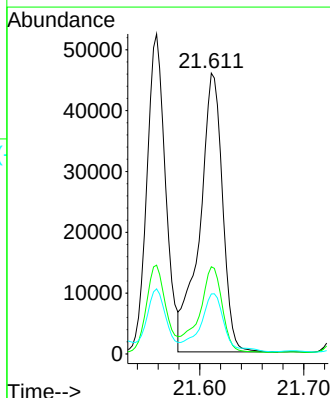
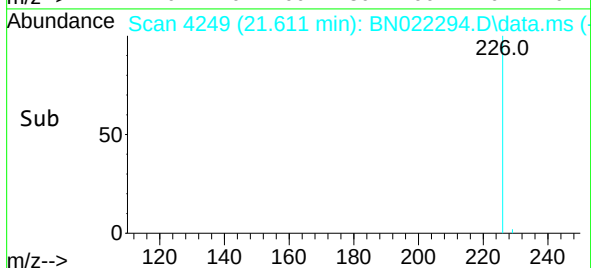
Reviewed By :Jagrut Upadhyay 10/25/2022
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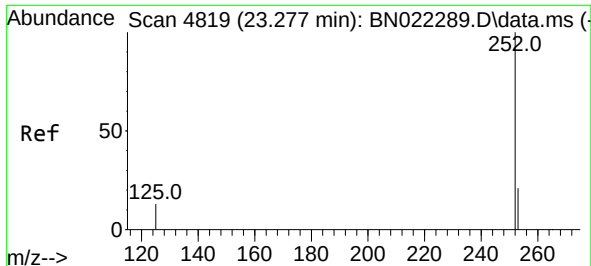


#22
Chrysene
Concen: 1.599 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09



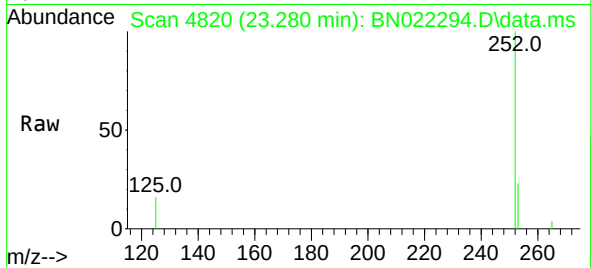
Tgt Ion:228 Resp: 69816
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 2.033 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

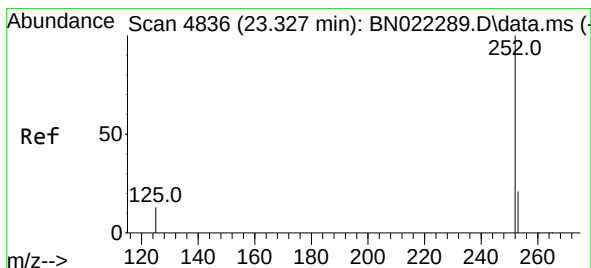
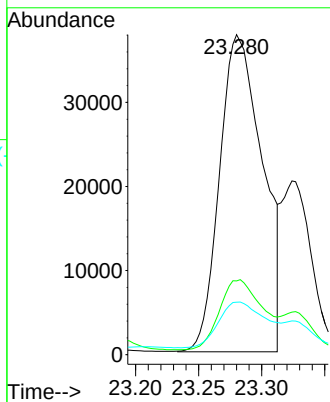
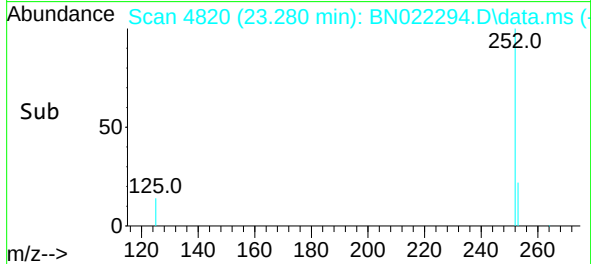
Instrument :
BNA_N
ClientSampleId :
C0BC3



Tgt Ion:252 Resp: 8922
Ion Ratio Lower Upper
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253 23.0 0.0 49.0
125 16.4 0.0 35.2

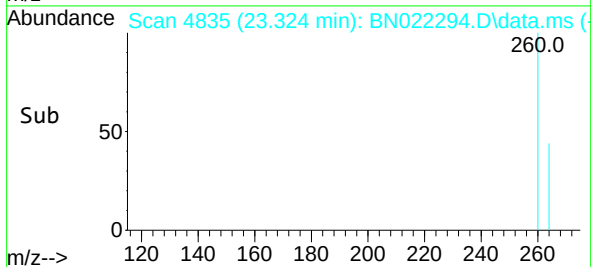
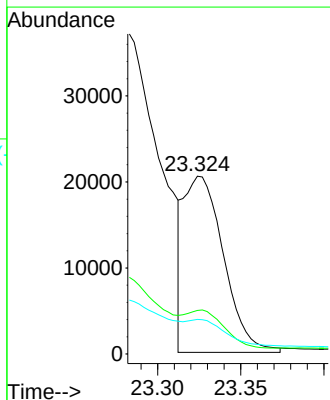
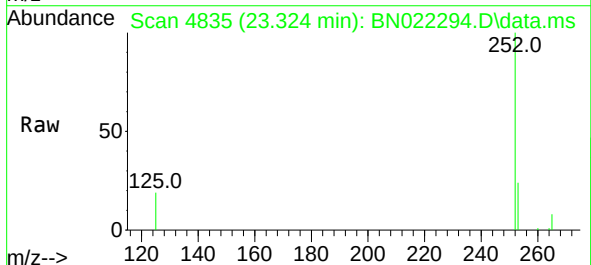
Manual Integrations
APPROVED

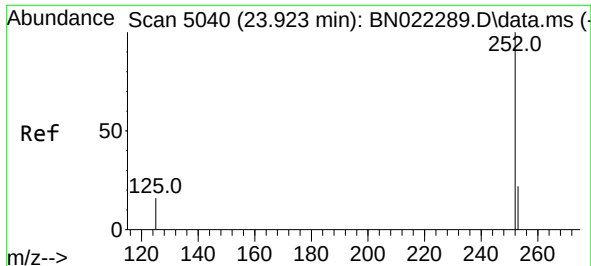
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.799 ng/ul m
RT: 23.324 min Scan# 4835
Delta R.T. -0.003 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

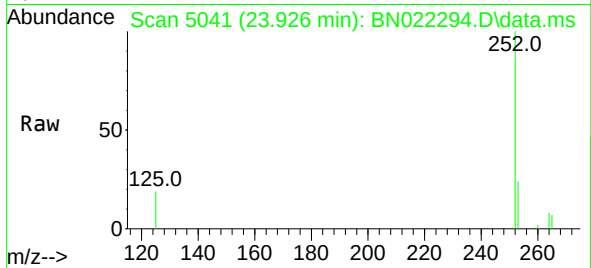
Tgt Ion:252 Resp: 34096
Ion Ratio Lower Upper
252 100
253 24.5 19.7 29.5
125 19.5 14.0 21.0





#26
Benzo(a)pyrene
Concen: 1.670 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. 0.006 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

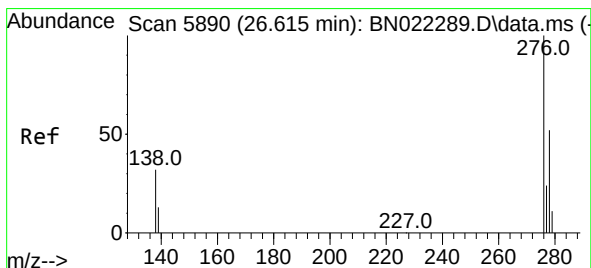
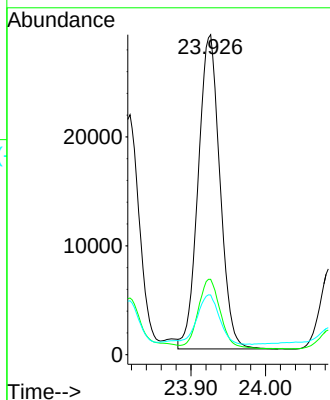
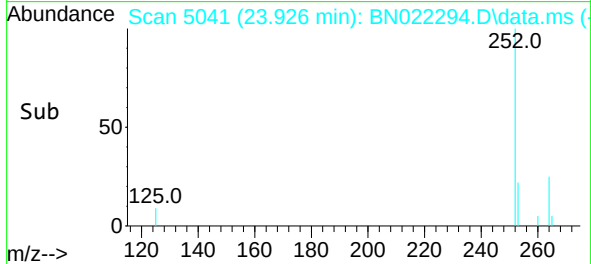
Instrument :
BNA_N
ClientSampleId :
C0BC3



Tgt Ion:252 Resp: 58415
Ion Ratio Lower Upper
252 100
253 23.5 21.0 31.6
125 18.7 17.9 26.9

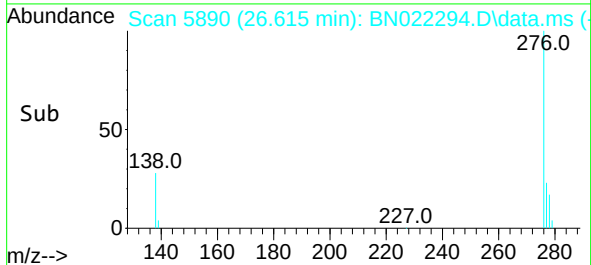
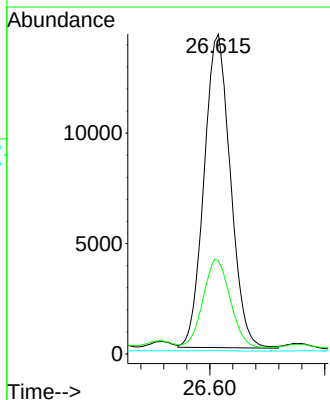
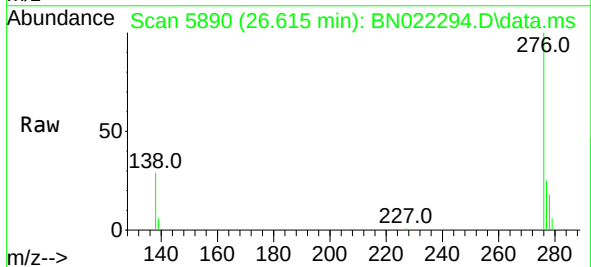
Manual Integrations
APPROVED

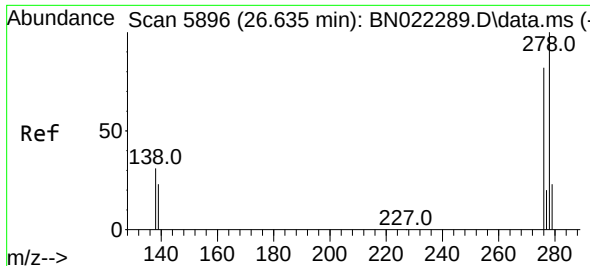
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.039 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.000 min
Lab File: BN022294.D
Acq: 24 Oct 2022 12:09

Tgt Ion:276 Resp: 45208
Ion Ratio Lower Upper
276 100
138 28.8 27.7 41.5
227 0.3 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.294 ng/ul

RT: 26.628 min Scan# 5896

Delta R.T. -0.010 min

Lab File: BN022294.D

Acq: 24 Oct 2022 12:09

Instrument :

BNA_N

ClientSampleId :

C0BC3

Tgt Ion:278 Resp: 1020

Ion Ratio Lower Upper

278 100

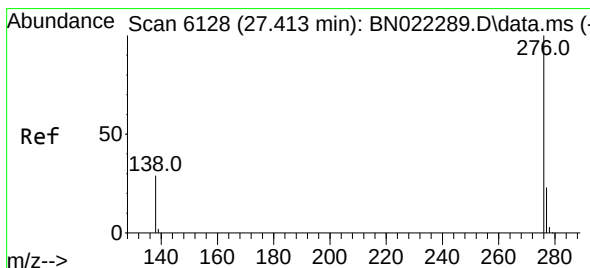
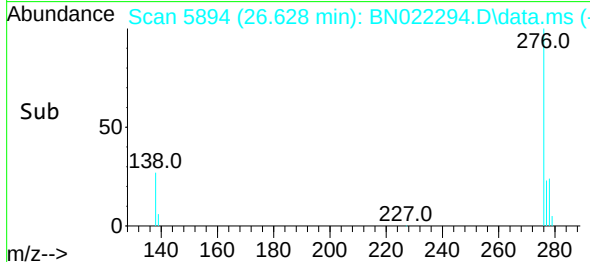
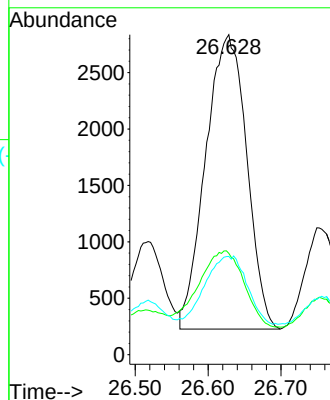
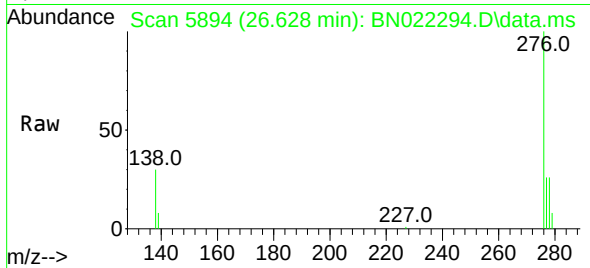
139 31.7 19.6 29.4

279 30.7 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: 1.125 ng/ul

RT: 27.410 min Scan# 6127

Delta R.T. -0.000 min

Lab File: BN022294.D

Acq: 24 Oct 2022 12:09

Tgt Ion:276 Resp: 39863

Ion Ratio Lower Upper

276 100

138 30.4 25.2 37.8

277 24.6 19.9 29.9

