

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102822\
 Data File : BN022359.D
 Acq On : 27 Oct 2022 13:07
 Operator : CG/JU
 Sample : N5015-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BF3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/28/2022
 Supervised By :mohammad ahmed 10/31/2022

Quant Time: Oct 28 01:53:52 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	7.940	152	4459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.767	136	14136	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.614	164	6603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	11640	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	7498	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	7005	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	26739	4.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.361	152	6092	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.402	212	8482	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.816	128	2951	0.071	ng/ul#	93
7) 2-Methylnaphthalene	12.438	142	1740	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.658	142	1293	0.048	ng/ul	99
10) Acenaphthylene	14.336	152	32570	1.099	ng/ul	100
11) Acenaphthene	14.678	153	1558	0.062	ng/ul	96
12) Fluorene	15.664	166	7010	0.241	ng/ul	99
15) Phenanthrene	17.412	178	163044	4.172	ng/ul	99
16) Anthracene	17.501	178	40938	1.243	ng/ul	100
19) Fluoranthene	19.435	202	369176	10.750	ng/ul	97
20) Pyrene	19.797	202	280413	8.127	ng/ul	100
21) Benzo(a)anthracene	21.555	228	146060	5.199	ng/ul	98
22) Chrysene	21.608	228	135384	4.547	ng/ul	99
24) Benzo(b)fluoranthene	23.277	252	194571m	5.531	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	69893m	2.043	ng/ul	
26) Benzo(a)pyrene	23.920	252	133659	4.766	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.608	276	104274	2.991	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.621	278	24201	0.869	ng/ul#	90
29) Benzo(g,h,i)perylene	27.410	276	93849	3.304	ng/ul	98

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

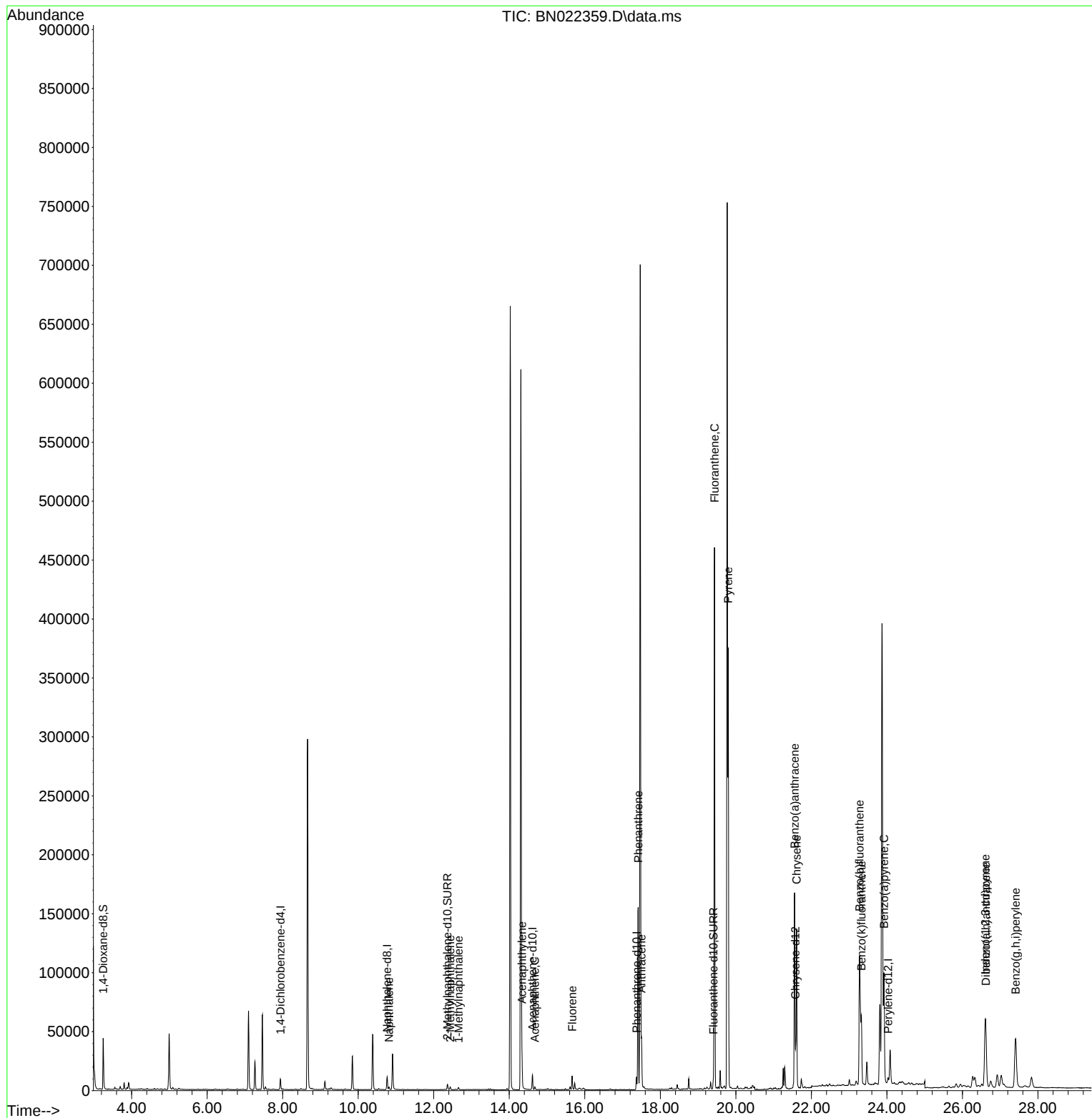
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102822\
Data File : BN022359.D
Acq On : 27 Oct 2022 13:07
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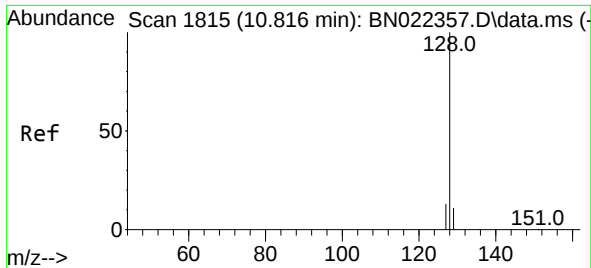
Instrument :
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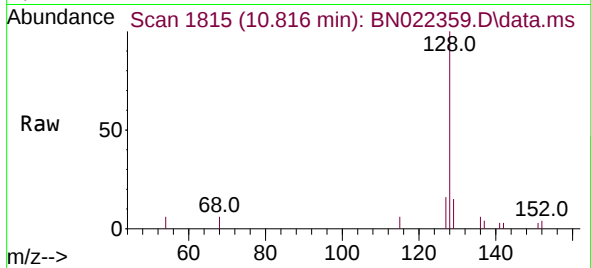
Quant Time: Oct 28 01:53:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.816 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

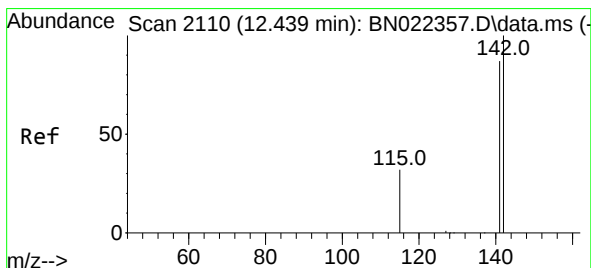
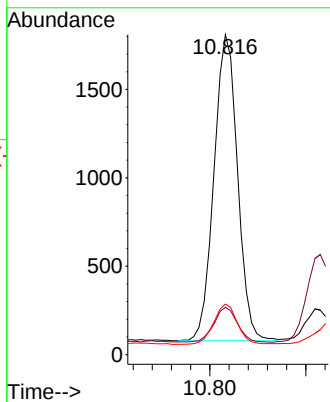
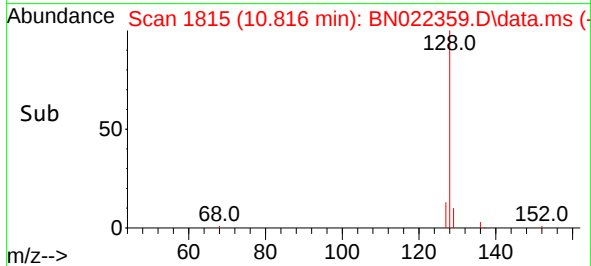
Instrument :
BNA_N
ClientSampleId :
C1BF3



Tgt Ion:128 Resp: 295
Ion Ratio Lower Upper
128 100
129 14.8 9.3 13.9
127 15.8 10.7 16.1

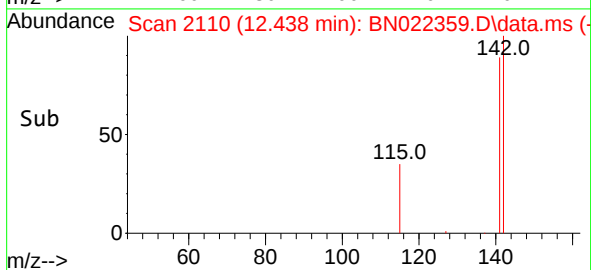
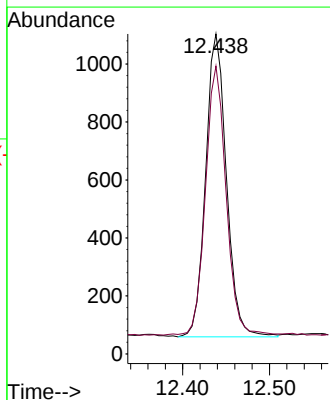
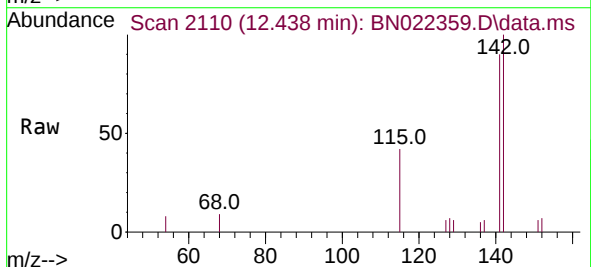
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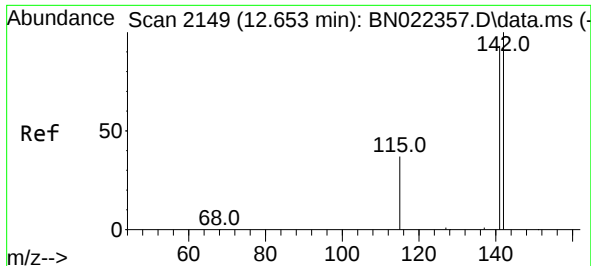
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.438 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

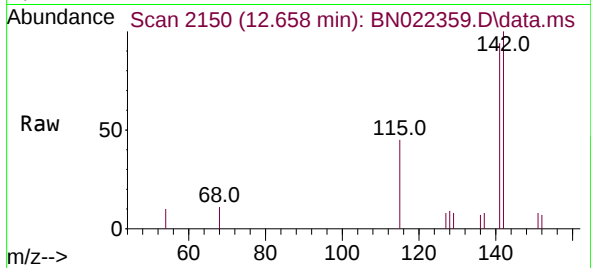
Tgt Ion:142 Resp: 1740
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.658 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

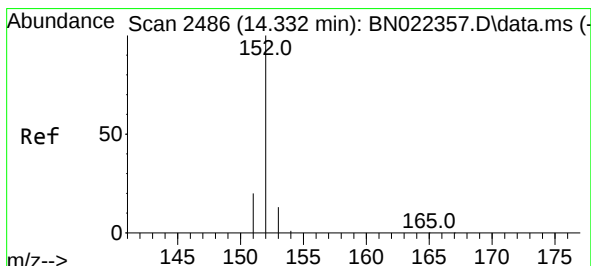
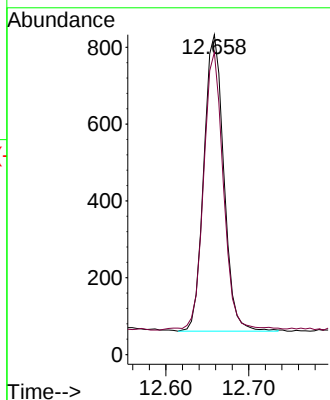
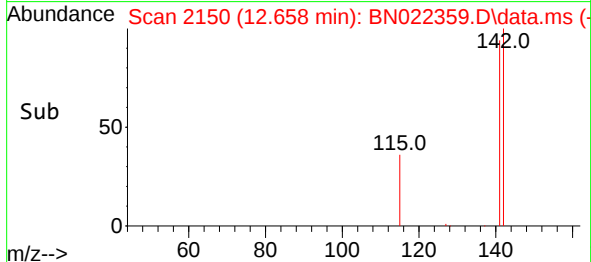
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1293
Ion Ratio Lower Upper
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141 92.8 73.3 109.9

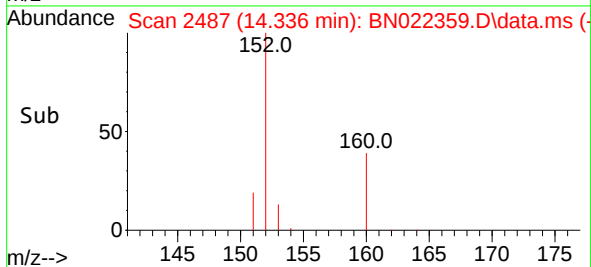
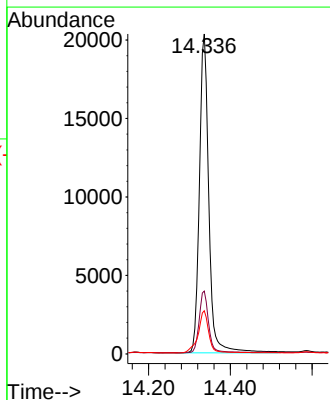
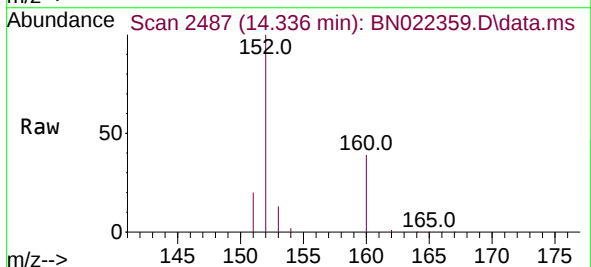
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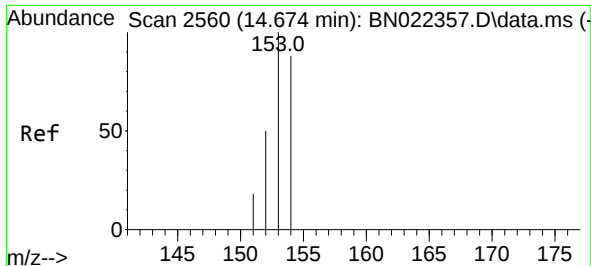
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#10
Acenaphthylene
Concen: 1.099 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

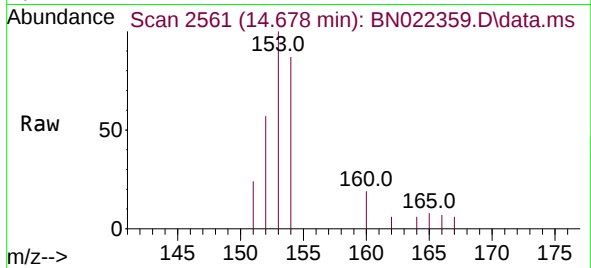
Tgt Ion:152 Resp: 32570
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.5 10.8 16.2





#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.678 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

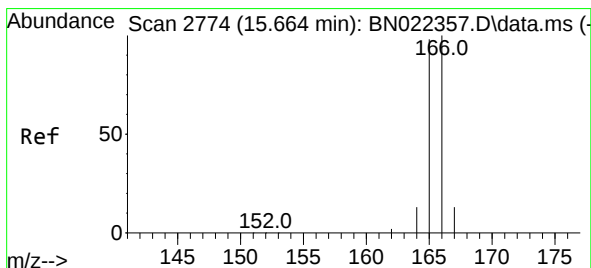
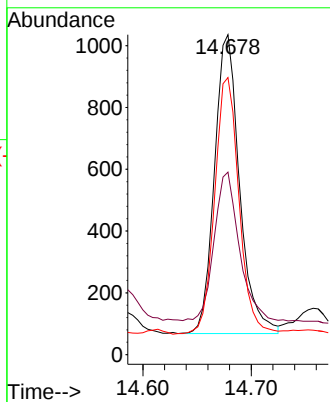
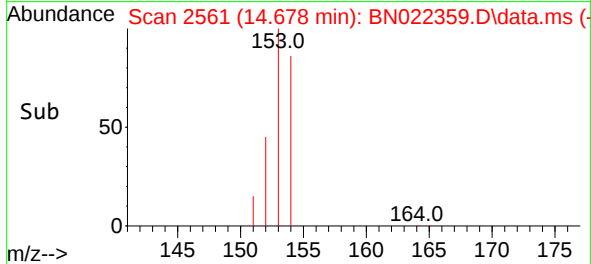
Instrument :
BNA_N
ClientSampleId :
C1BF3



Tgt Ion:153 Resp: 1558
Ion Ratio Lower Upper
153 100
152 57.0 40.6 61.0
154 86.6 70.6 106.0

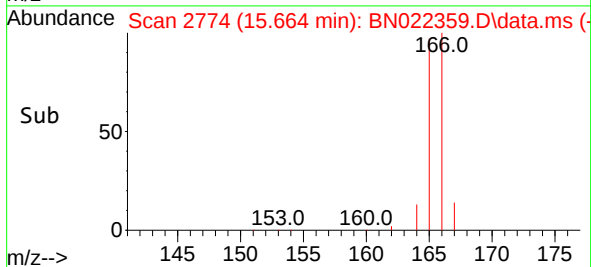
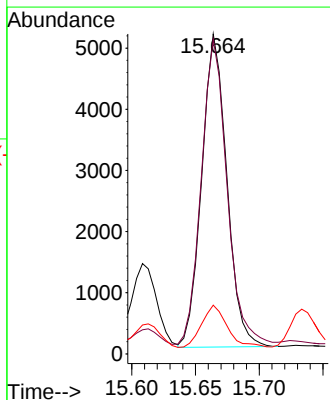
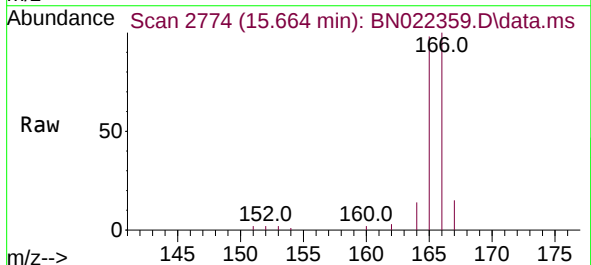
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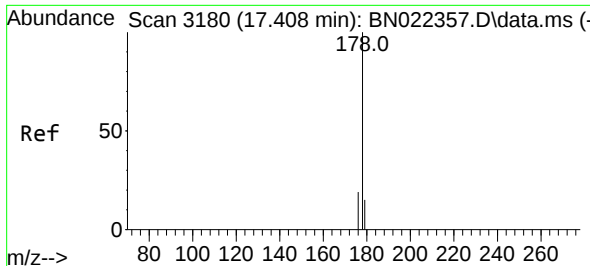
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#12
Fluorene
Concen: 0.241 ng/ul
RT: 15.664 min Scan# 2774
Delta R.T. -0.010 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

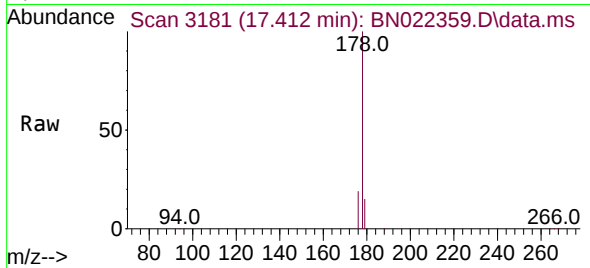
Tgt Ion:166 Resp: 7010
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 15.2 11.0 16.4





#15
Phenanthrene
Concen: 4.172 ng/ul
RT: 17.412 min Scan# 3181
Delta R.T. -0.005 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

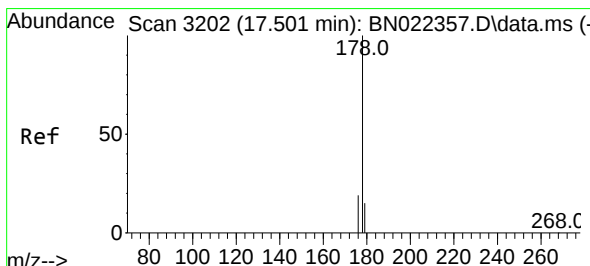
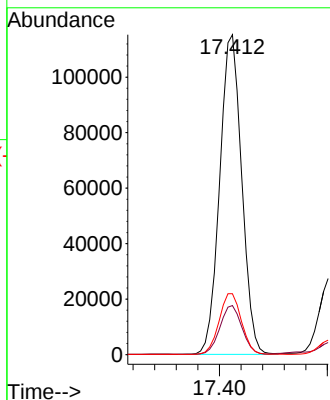
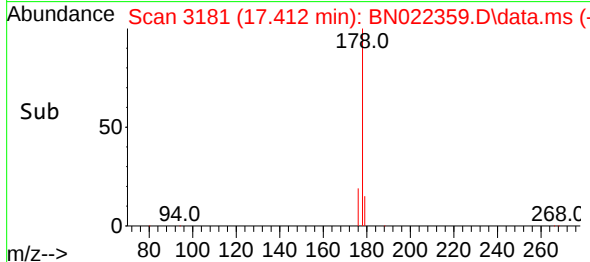
Instrument :
BNA_N
ClientSampleId :
C1BF3



Tgt Ion:178 Resp: 163044
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.0 15.4 23.2

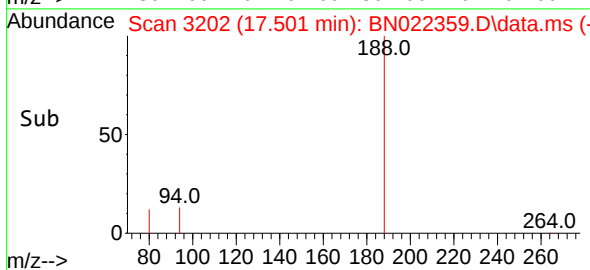
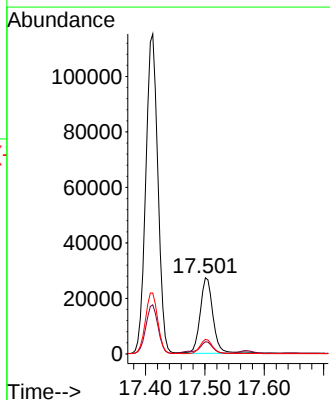
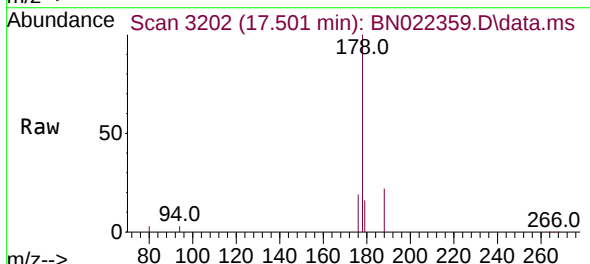
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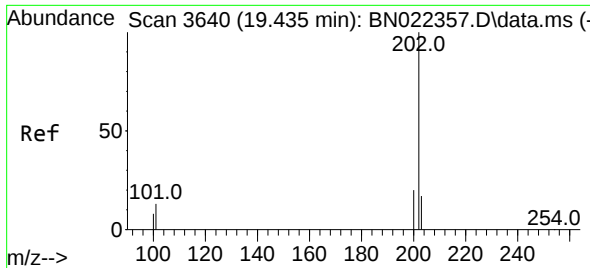
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#16
Anthracene
Concen: 1.243 ng/ul
RT: 17.501 min Scan# 3202
Delta R.T. -0.009 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

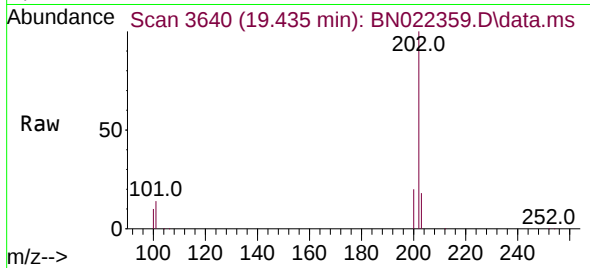
Tgt Ion:178 Resp: 40938
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.1 15.0 22.6





#19
Fluoranthene
Concen: 10.750 ng/ul
RT: 19.435 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

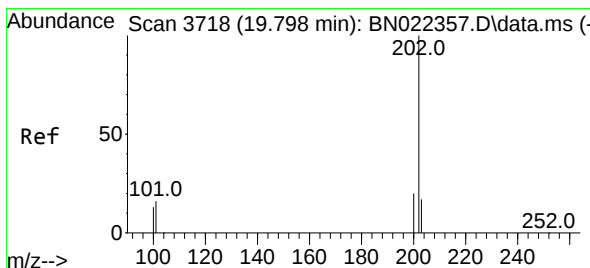
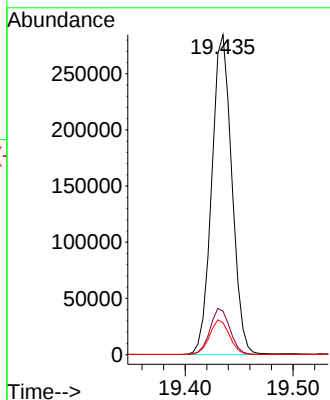
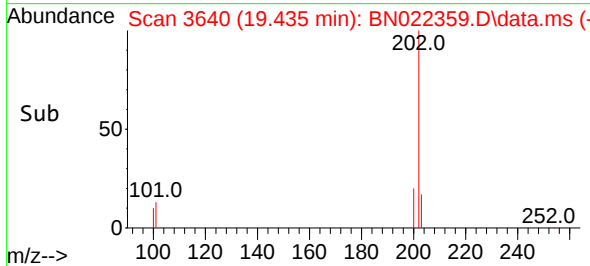
Instrument :
BNA_N
ClientSampleId :
C1BF3



Tgt Ion:202 Resp: 369176
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 9.9 8.7 13.1

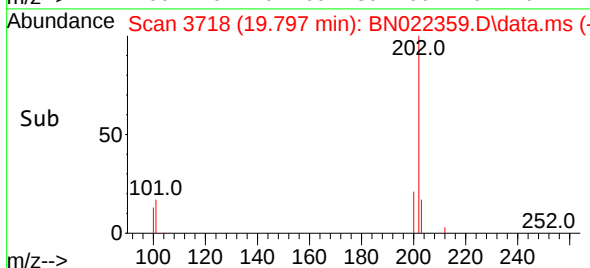
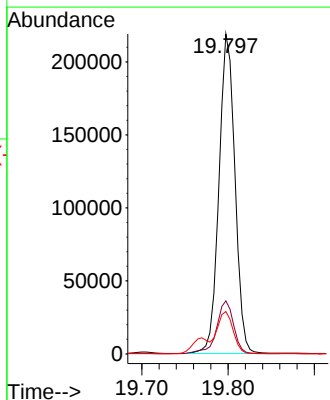
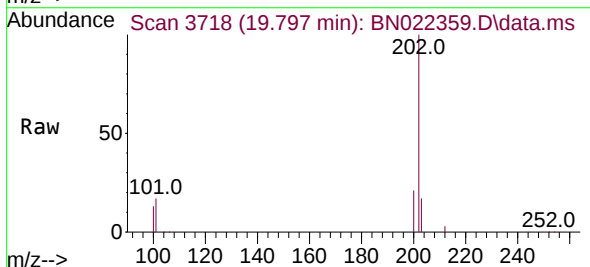
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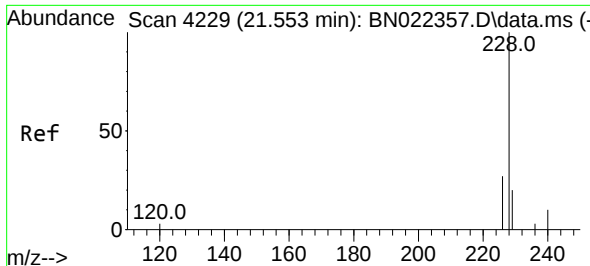
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#20
Pyrene
Concen: 8.127 ng/ul
RT: 19.797 min Scan# 3718
Delta R.T. -0.005 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

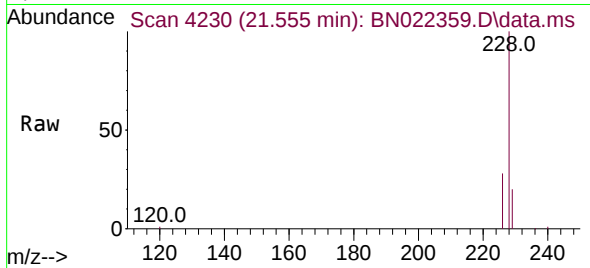
Tgt Ion:202 Resp: 280413
Ion Ratio Lower Upper
202 100
101 16.6 13.1 19.7
100 13.2 10.6 16.0





#21
Benzo(a)anthracene
Concen: 5.199 ng/ul
RT: 21.555 min Scan# 4229
Delta R.T. -0.003 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

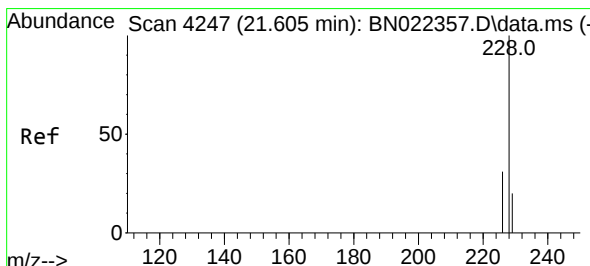
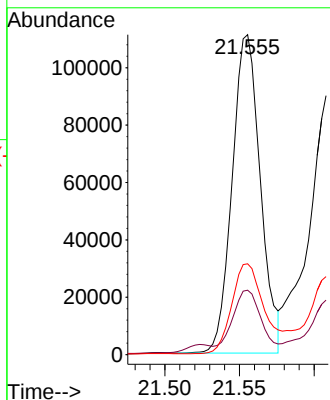
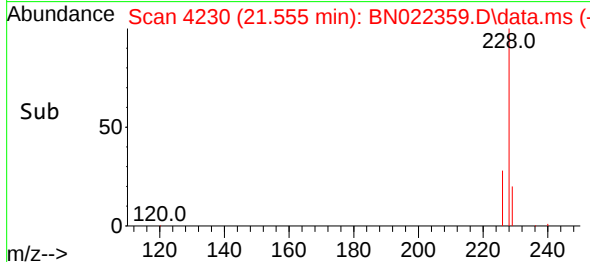
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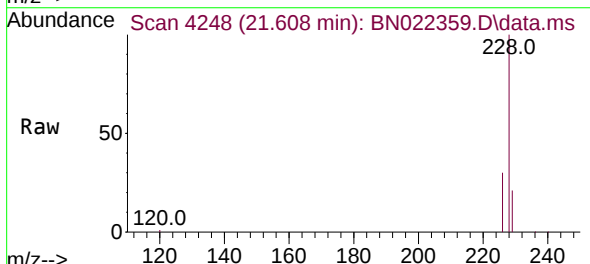
Tgt Ion:228 Resp: 146060
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.4 21.5 32.3

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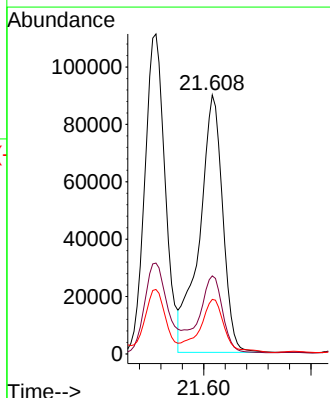
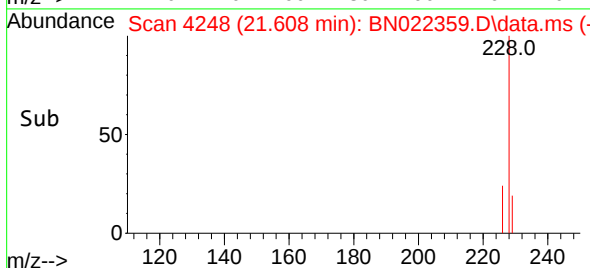
Reviewed By :Jagrut Upadhyay 10/28/2022
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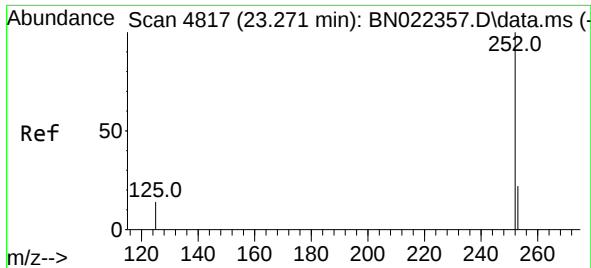


#22
Chrysene
Concen: 4.547 ng/ul
RT: 21.608 min Scan# 4248
Delta R.T. -0.003 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07



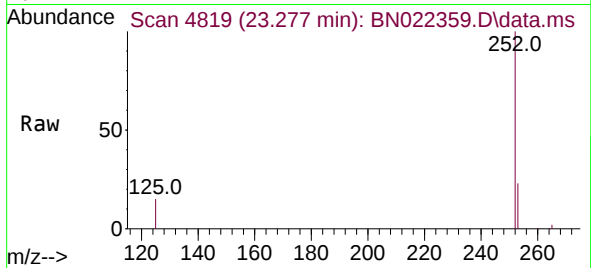
Tgt Ion:228 Resp: 135384
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 21.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.531 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

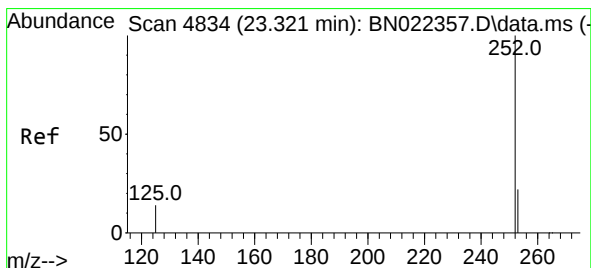
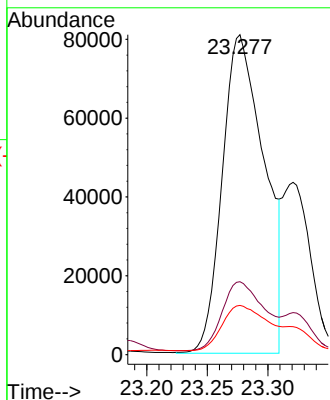
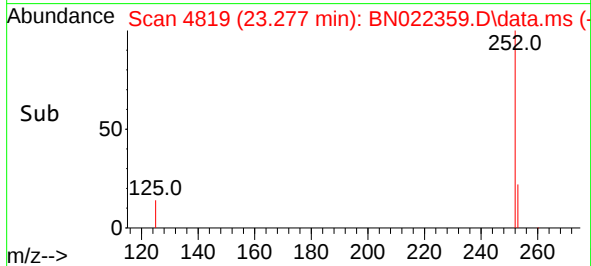
Instrument :
BNA_N
ClientSampleId :
C1BF3



Tgt Ion:252 Resp: 19457
Ion Ratio Lower Upper
252 100
253 22.8 0.0 49.0
125 15.4 0.0 35.2

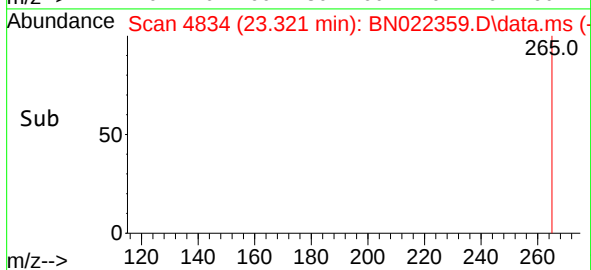
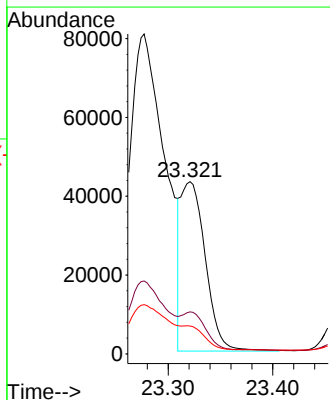
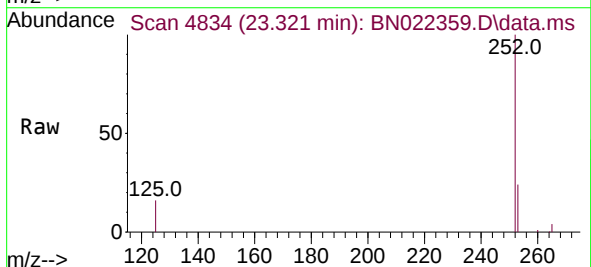
Manual Integrations
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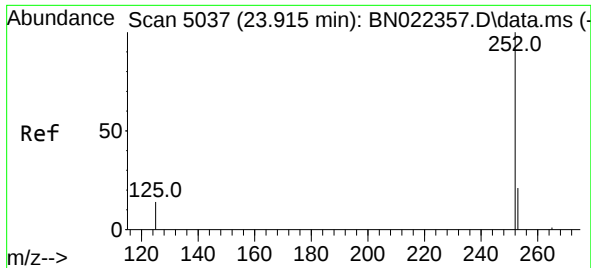
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#25
Benzo(k)fluoranthene
Concen: 2.043 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

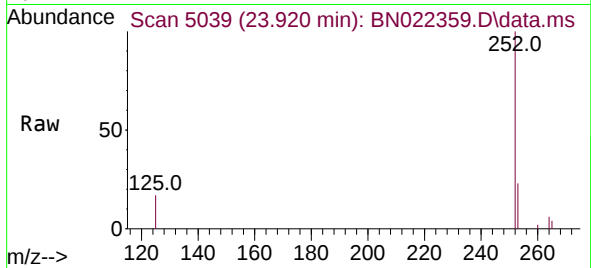
Tgt Ion:252 Resp: 69893
Ion Ratio Lower Upper
252 100
253 24.4 19.7 29.5
125 16.2 14.0 21.0





#26
Benzo(a)pyrene
Concen: 4.766 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

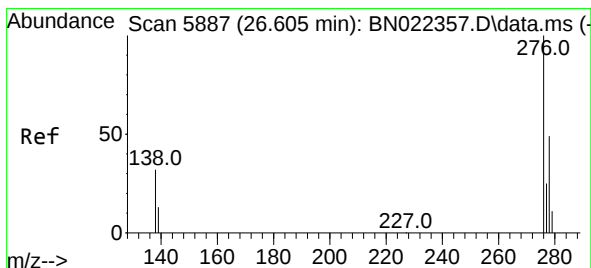
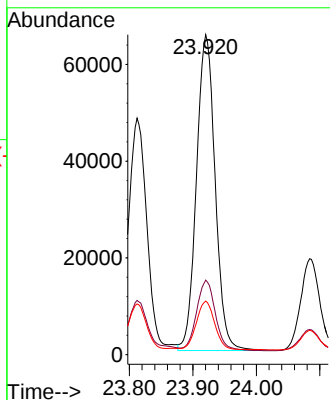
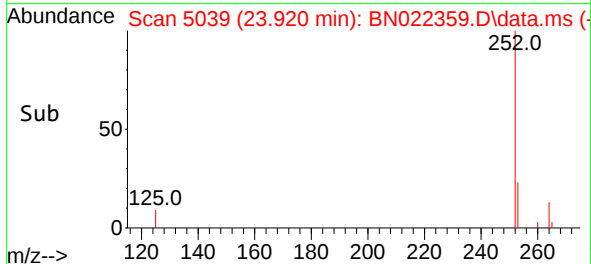
Instrument :
BNA_N
ClientSampleId :
C1BF3



Tgt Ion:252 Resp: 133659
Ion Ratio Lower Upper
252 100
253 23.3 21.0 31.6
125 16.7 17.9 26.9

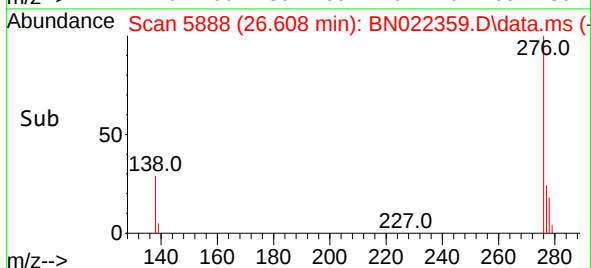
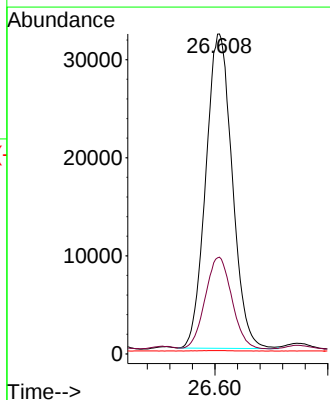
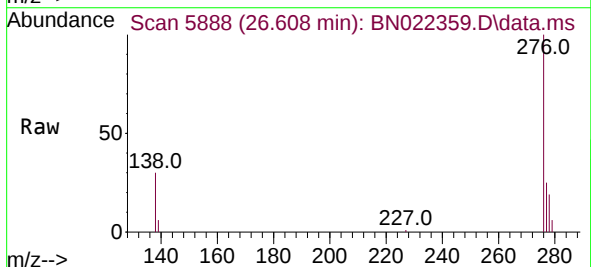
Manual Integrations
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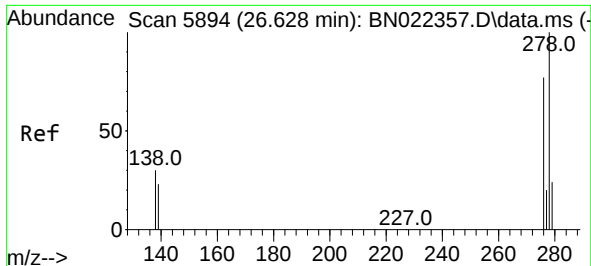
Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.991 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.007 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

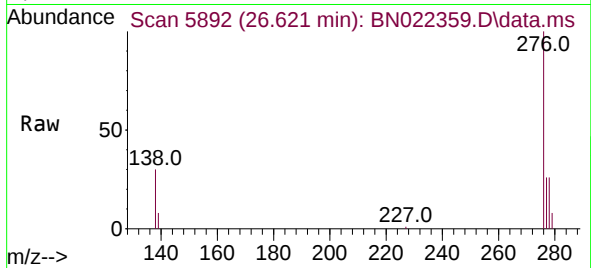
Tgt Ion:276 Resp: 104274
Ion Ratio Lower Upper
276 100
138 29.5 27.7 41.5
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.869 ng/ul
RT: 26.621 min Scan# 5894
Delta R.T. -0.017 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

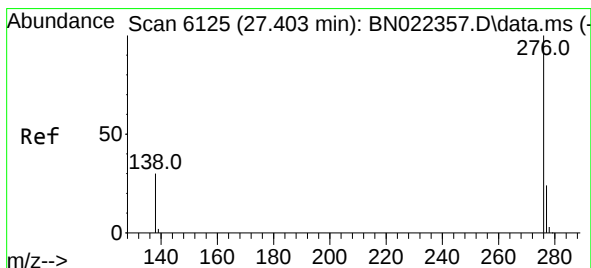
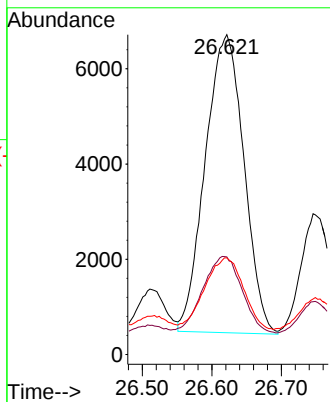
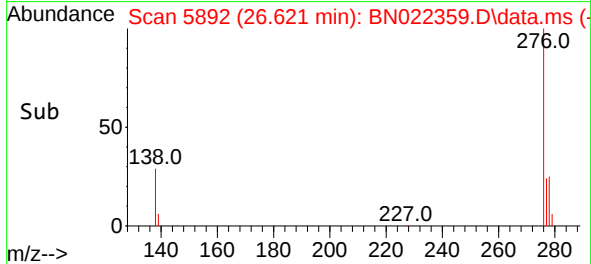
Instrument :
BNA_N
ClientSampleId :
C1BF3



Tgt Ion:278 Resp: 2420
Ion Ratio Lower Upper
278 100
139 30.5 19.6 29.4
279 30.2 20.6 30.8

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Reviewed By :Jagrut Upadhyay 10/28/2022
Supervised By :mohammad ahmed 10/31/2022



#29
Benzo(g,h,i)perylene
Concen: 3.304 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. -0.000 min
Lab File: BN022359.D
Acq: 27 Oct 2022 13:07

Tgt Ion:276 Resp: 93849
Ion Ratio Lower Upper
276 100
138 30.5 25.2 37.8
277 24.0 19.9 29.9

