

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023359.D
 Acq On : 23 Dec 2022 03:21
 Operator : CG/JU
 Sample : N6006-18DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 04:21:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	3860	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	12739	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	7710	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	18205	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	14536	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	11834	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	21878	5.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	7166	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	18190	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	5217	0.139	ng/ul#	96
7) 2-Methylnaphthalene	12.476	142	2368	0.099	ng/ul	98
8) 1-Methylnaphthalene	12.690	142	1915	0.078	ng/ul	100
10) Acenaphthylene	14.368	152	3554	0.104	ng/ul#	94
11) Acenaphthene	14.705	153	2621	0.091	ng/ul	99
12) Fluorene	15.691	166	2436	0.075	ng/ul#	97
14) Pentachlorophenol	17.040	266	199	0.039	ng/ul	97
15) Phenanthrene	17.432	178	66112	1.115	ng/ul	100
16) Anthracene	17.525	178	9704	0.197	ng/ul	97
19) Fluoranthene	19.448	202	144634	2.051	ng/ul	100
20) Pyrene	19.815	202	109734m	1.544	ng/ul	
21) Benzo(a)anthracene	21.560	228	59876	1.058	ng/ul	98
22) Chrysene	21.616	228	67390	1.171	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	86910m	1.420	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	29007m	0.505	ng/ul	
26) Benzo(a)pyrene	23.919	252	49454	1.020	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.584	276	34499	0.610	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.597	278	8704	0.198	ng/ul#	71
29) Benzo(g,h,i)perylene	27.375	276	28736	0.623	ng/ul#	88

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

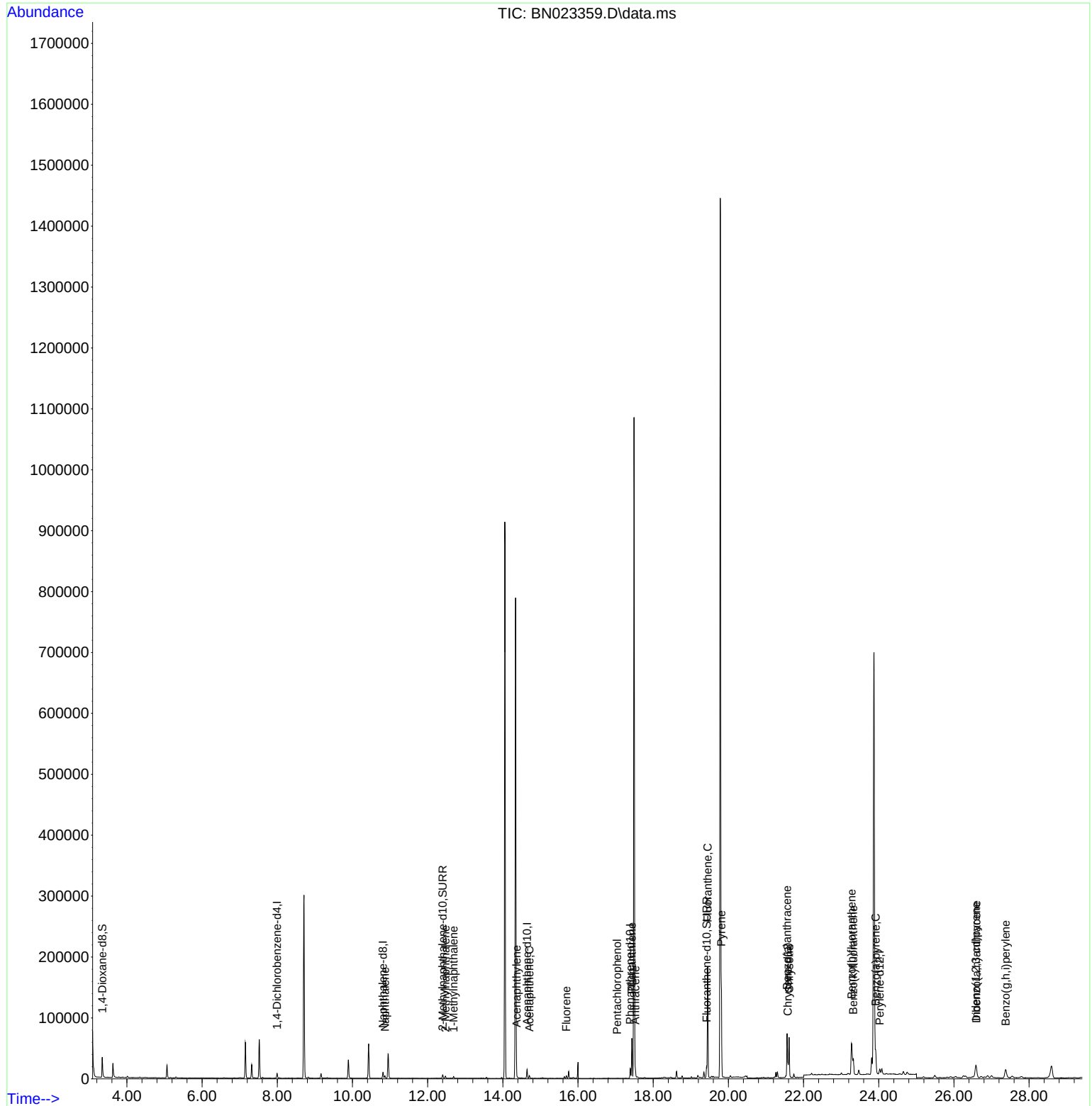
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023359.D
Acq On : 23 Dec 2022 03:21
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Sample : N6006-18DL 2X
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ALS Vial : 28 Sample Multiplier: 1

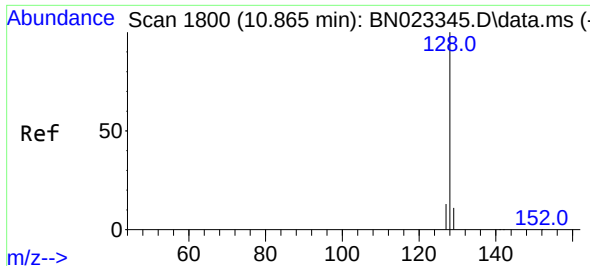
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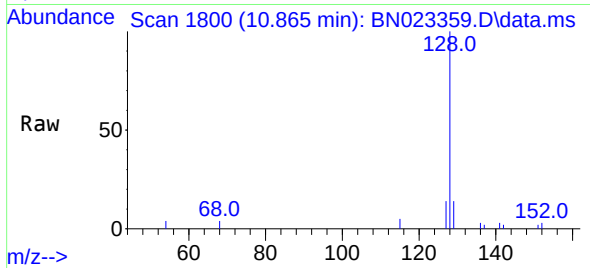
Quant Time: Dec 23 04:21:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.139 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

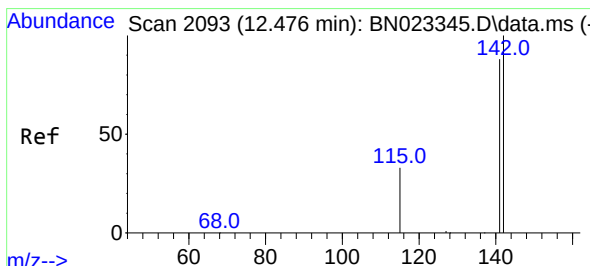
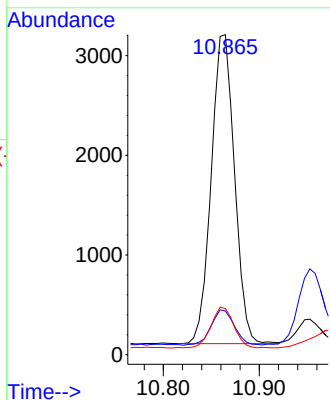
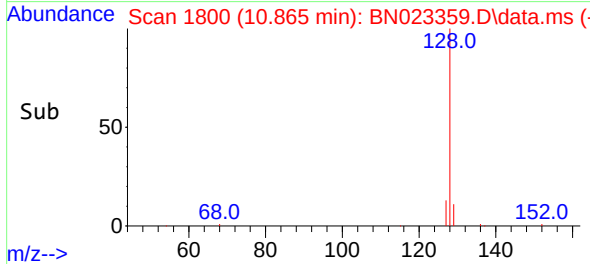
Instrument :
BNA_N
ClientSampleId :
DBXQ6DL



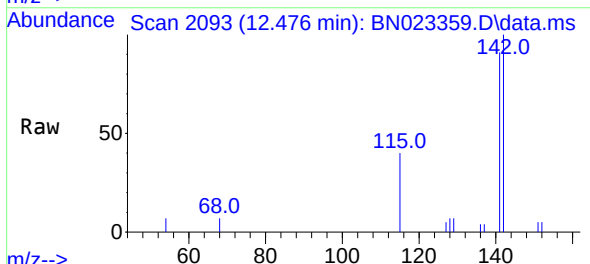
Tgt Ion:128 Resp: 5217
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.4
127 14.4 10.7 16.1

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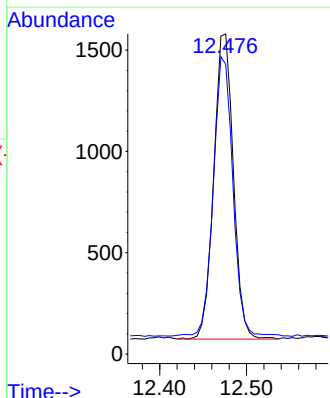
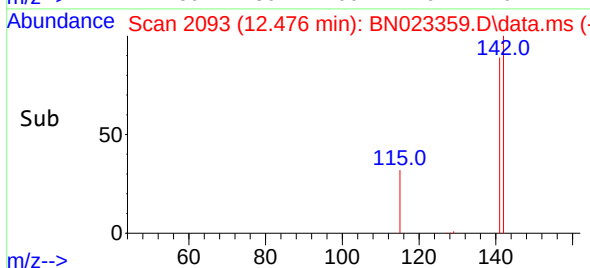
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

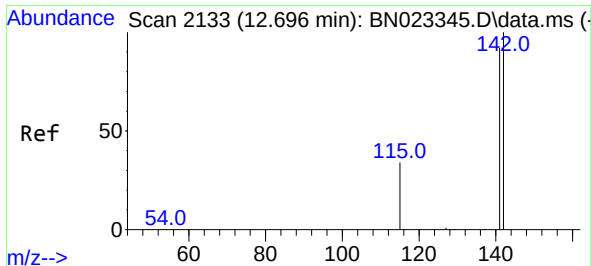


#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21



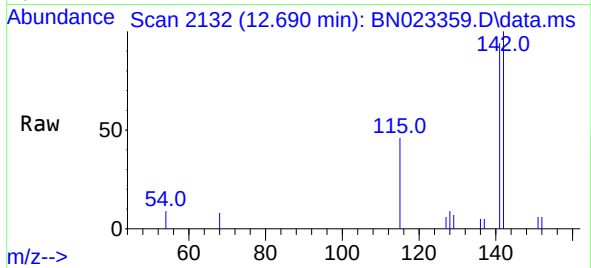
Tgt Ion:142 Resp: 2368
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.690 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

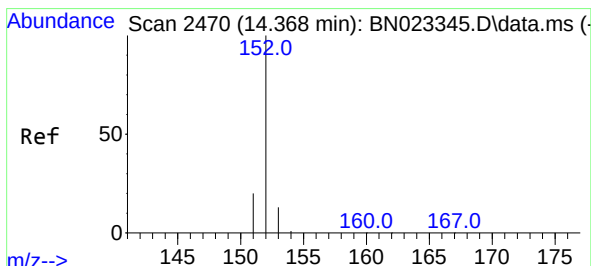
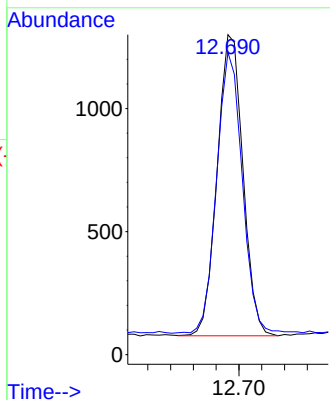
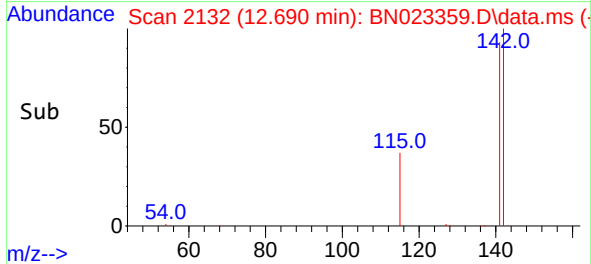
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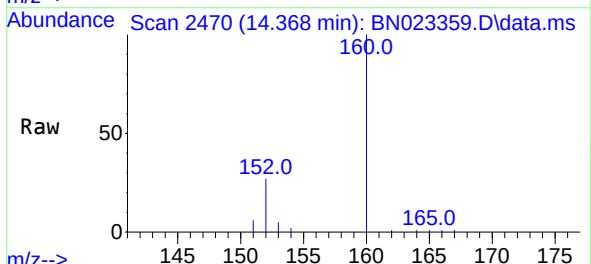
Tgt Ion:142 Resp: 1915
Ion Ratio Lower Upper
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141 92.8 74.0 111.0

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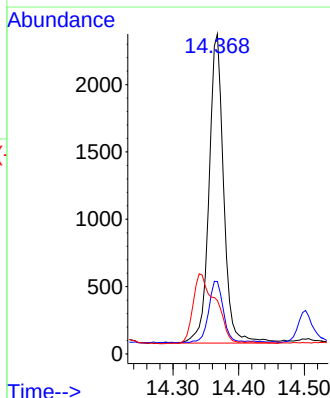
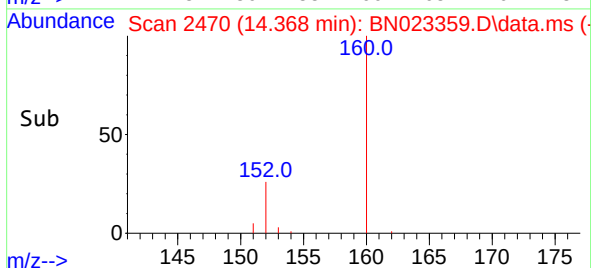
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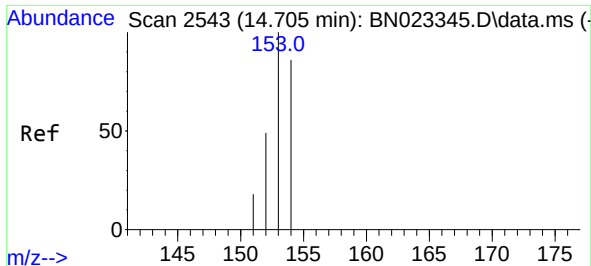


#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21



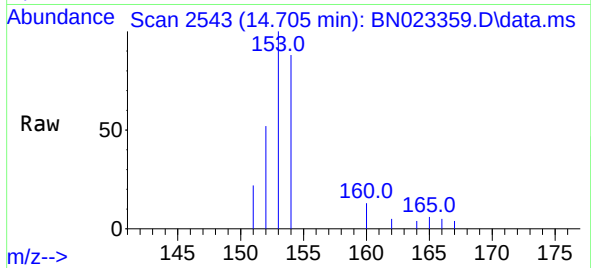
Tgt Ion:152 Resp: 3554
Ion Ratio Lower Upper
152 100
151 22.7 16.1 24.1
153 16.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.091 ng/u1
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

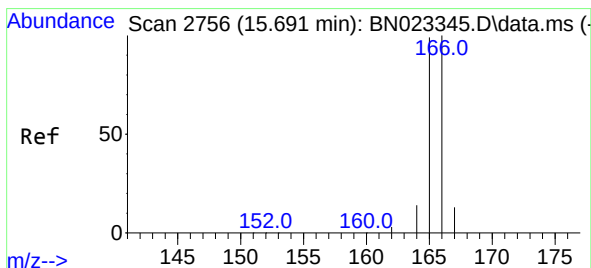
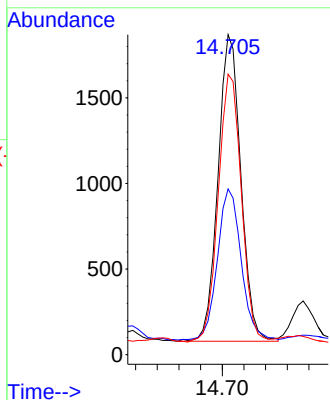
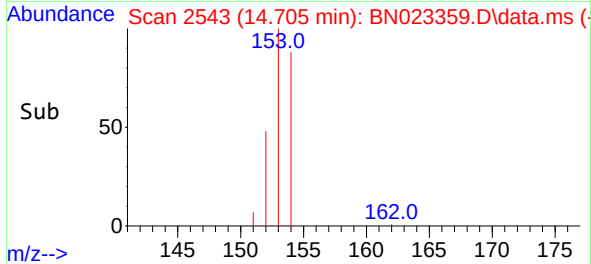
Instrument :
BNA_N
ClientSampleId :
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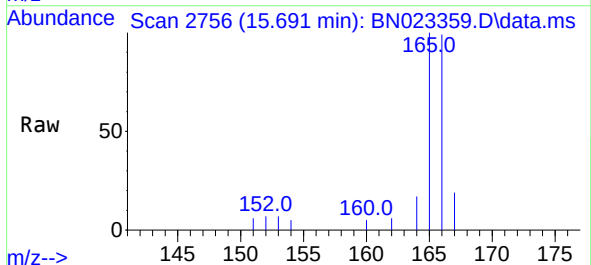
Tgt Ion:153 Resp: 262
Ion Ratio Lower Upper
153 100
152 51.8 41.0 61.4
154 87.6 69.5 104.3

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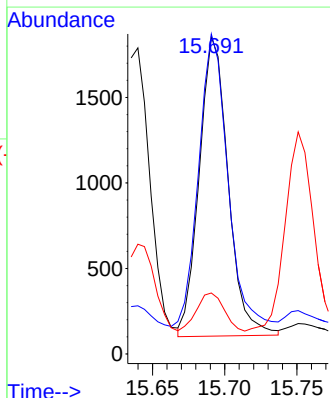
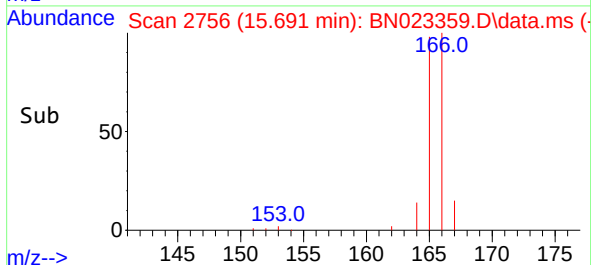
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Supervised By :mohammad ahmed 12/23/2022

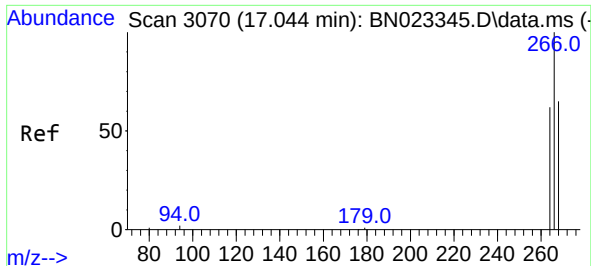


#12
Fluorene
Concen: 0.075 ng/u1
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21



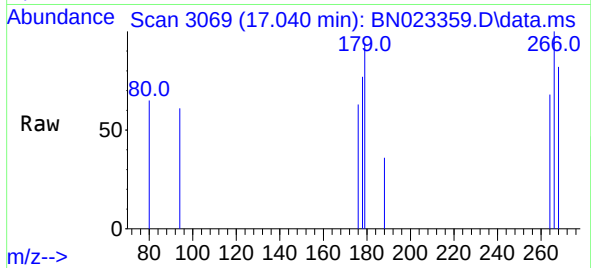
Tgt Ion:166 Resp: 2436
Ion Ratio Lower Upper
166 100
165 100.9 79.1 118.7
167 19.2 11.0 16.4





#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 17.040 min Scan# 3070
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

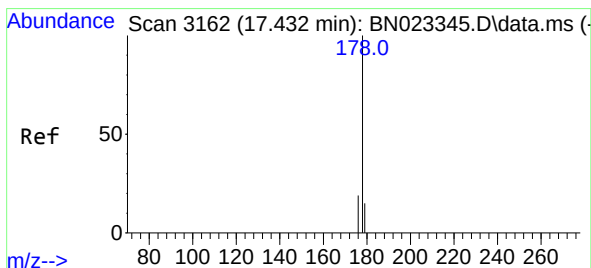
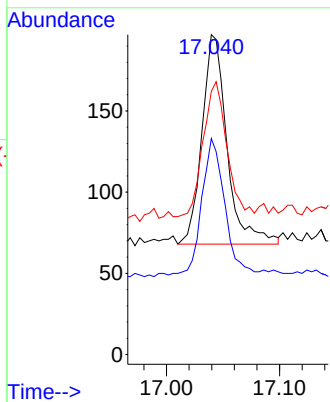
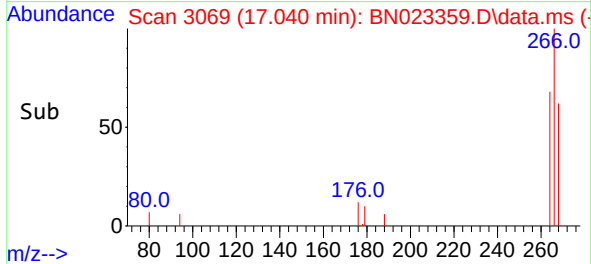
Instrument :
BNA_N
ClientSampleId :
DBXQ6DL



Tgt Ion:266 Resp: 199
Ion Ratio Lower Upper
266 100
264 58.8 49.8 74.6
268 62.8 51.4 77.0

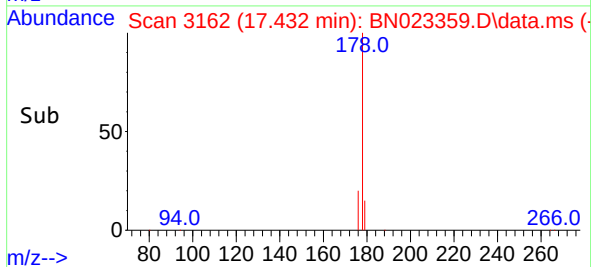
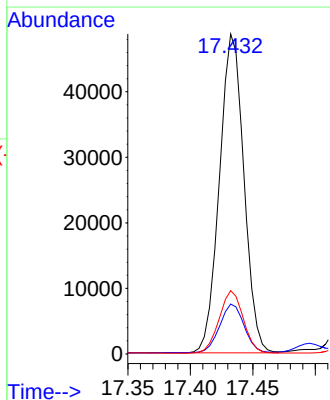
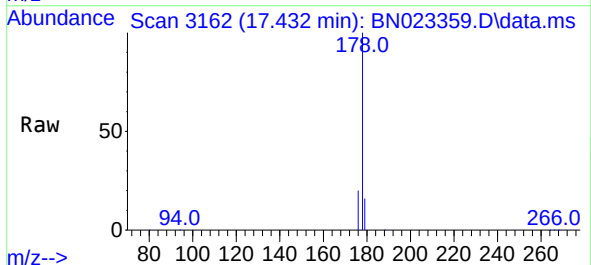
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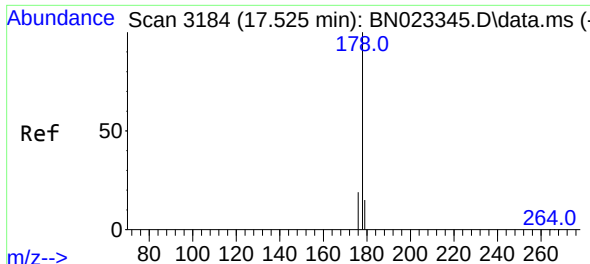
Reviewed By :Jagrut Upadhyay 12/23/2022
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#15
Phenanthrene
Concen: 1.115 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

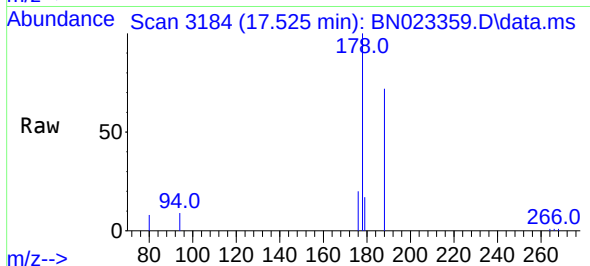
Tgt Ion:178 Resp: 66112
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.8 15.7 23.5





#16
 Anthracene
 Concen: 0.197 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023359.D
 Acq: 23 Dec 2022 03:21

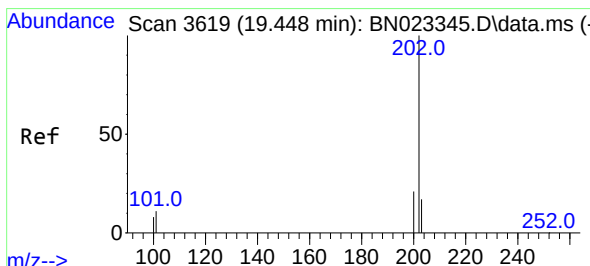
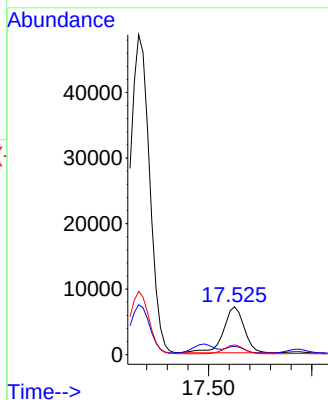
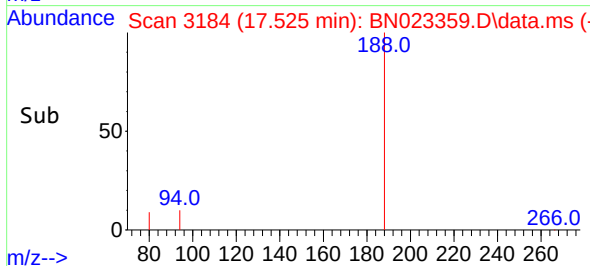
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Tgt Ion:178 Resp: 9704
 Ion Ratio Lower Upper
 178 100
 179 17.4 12.6 18.8
 176 20.3 15.4 23.0

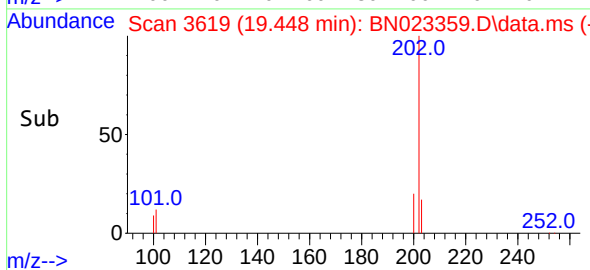
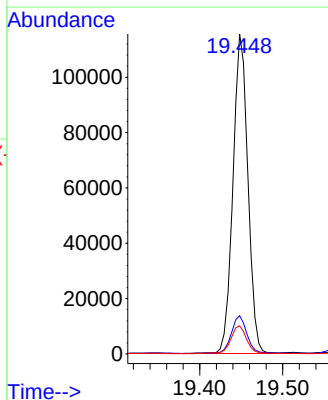
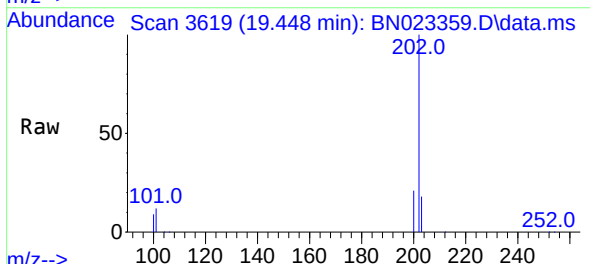
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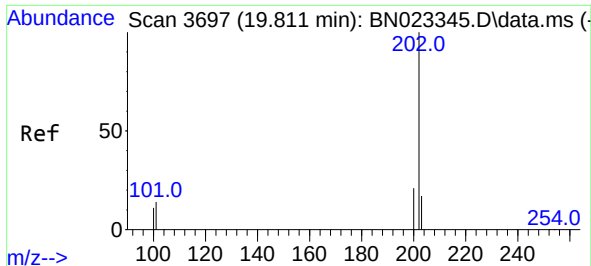
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#19
 Fluoranthene
 Concen: 2.051 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023359.D
 Acq: 23 Dec 2022 03:21

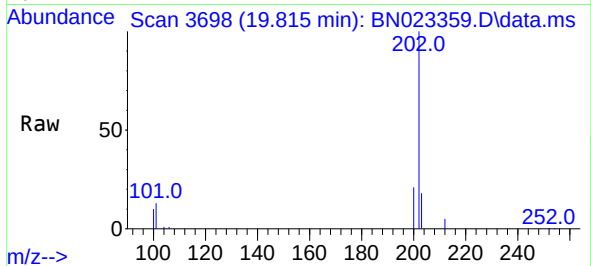
Tgt Ion:202 Resp: 144634
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.4 14.2
 100 8.8 7.0 10.6





#20
Pyrene
Concen: 1.544 ng/ul m
RT: 19.815 min Scan# 3697
Delta R.T. 0.004 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

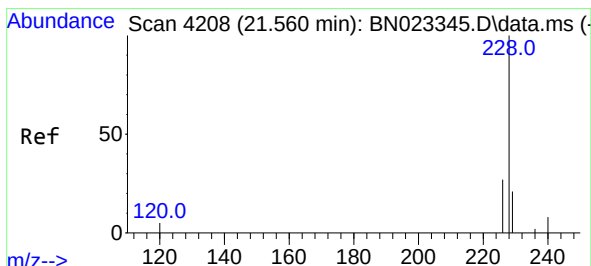
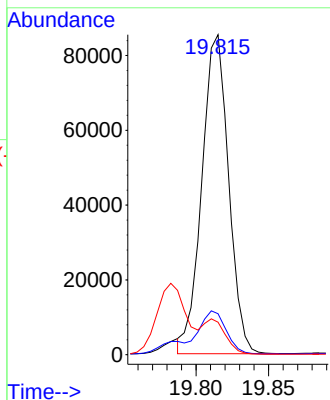
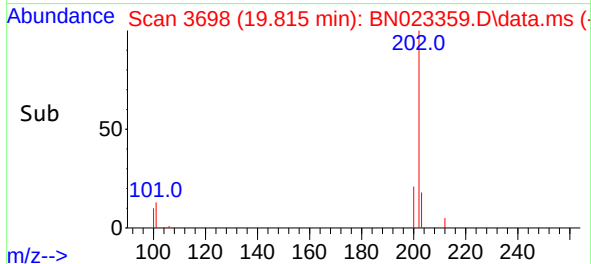
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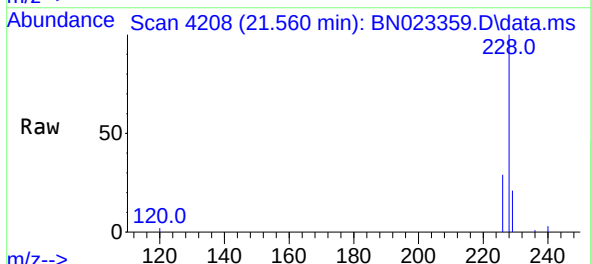
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Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 10.2 9.0 13.4

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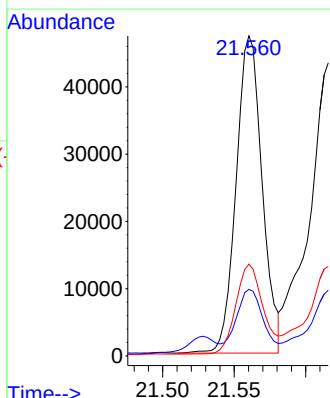
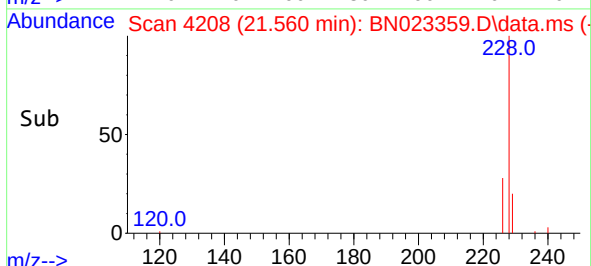
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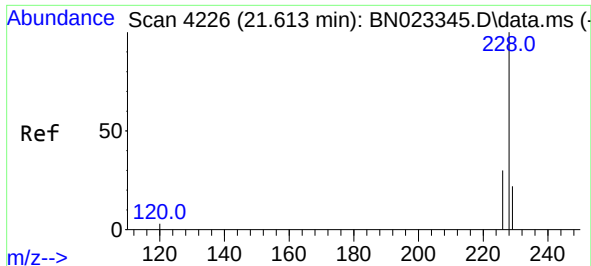


#21
Benzo(a)anthracene
Concen: 1.058 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21



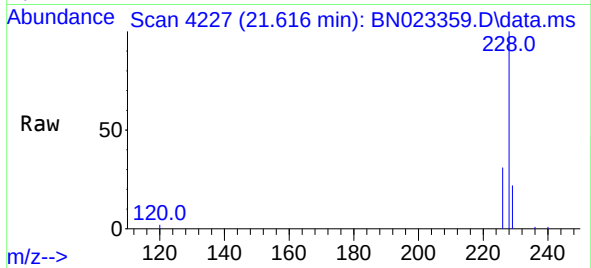
Tgt Ion:228 Resp: 59876
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.7 22.2 33.2





#22
Chrysene
Concen: 1.171 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

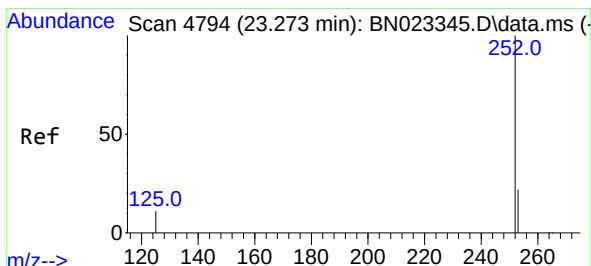
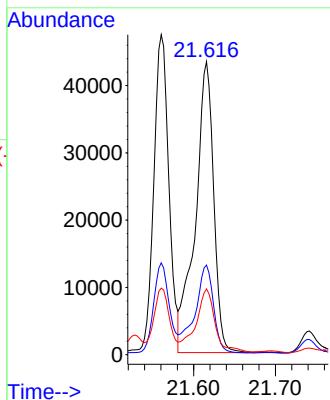
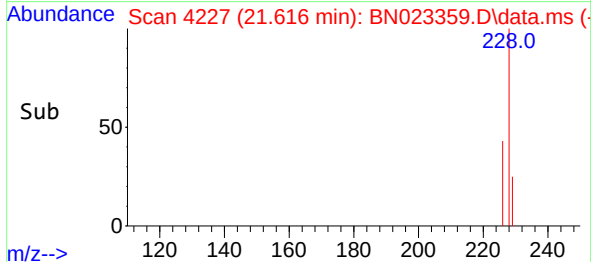
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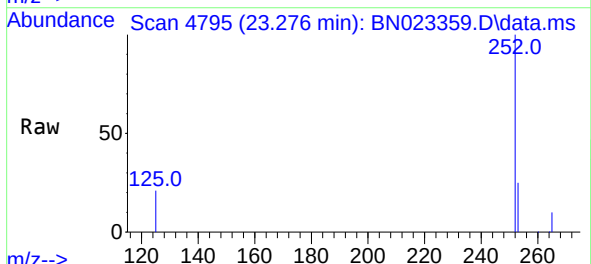
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Ion Ratio Lower Upper
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226 30.6 24.3 36.5
229 22.5 15.8 23.6

Manual Integrations
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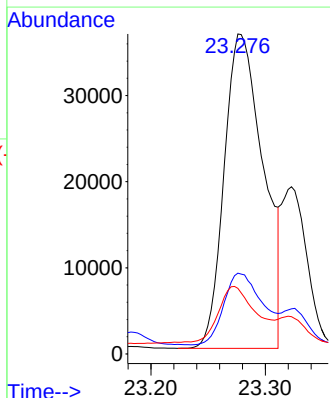
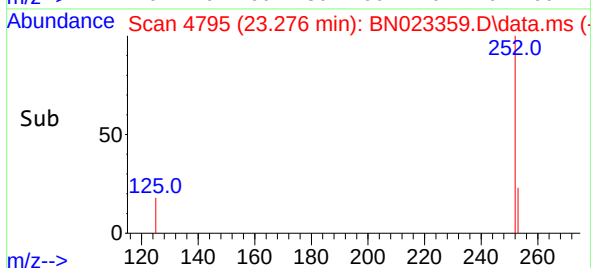
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

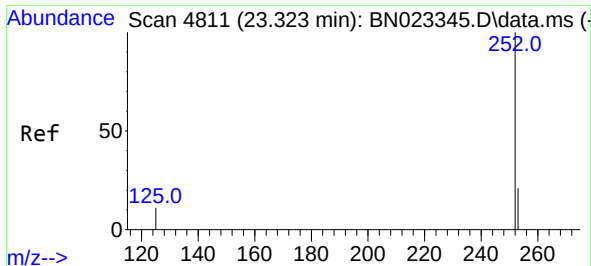


#24
Benzo(b)fluoranthene
Concen: 1.420 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21



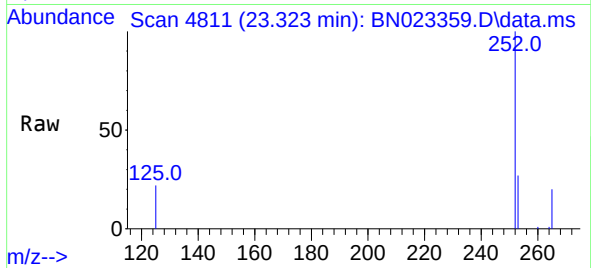
Tgt Ion:252 Resp: 86910
Ion Ratio Lower Upper
252 100
253 25.2 0.0 49.2
125 20.5 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.505 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

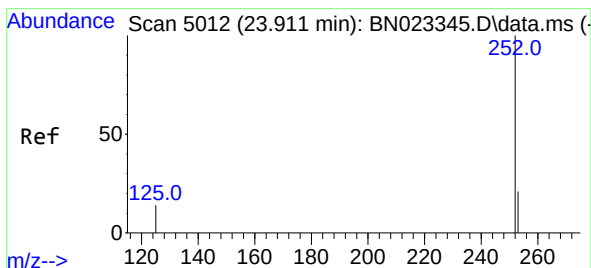
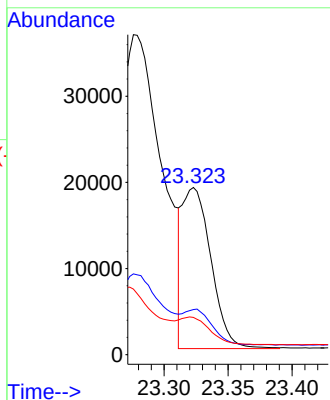
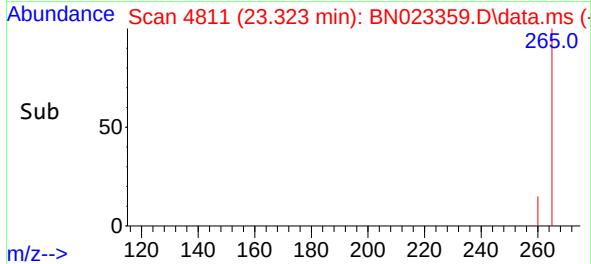
Instrument :
BNA_N
ClientSampleId :
DBXQ6DL



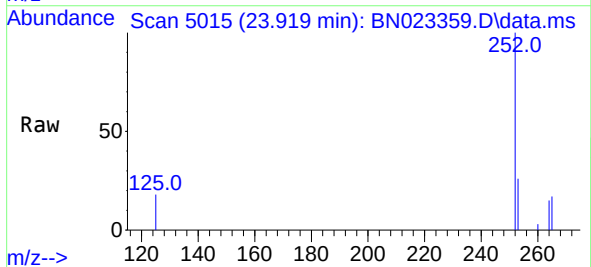
Tgt Ion:252 Resp: 29007
Ion Ratio Lower Upper
252 100
253 27.0 19.8 29.6
125 22.2 12.6 18.8

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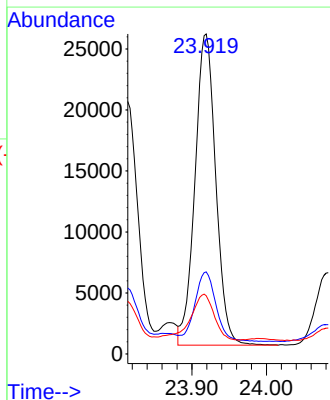
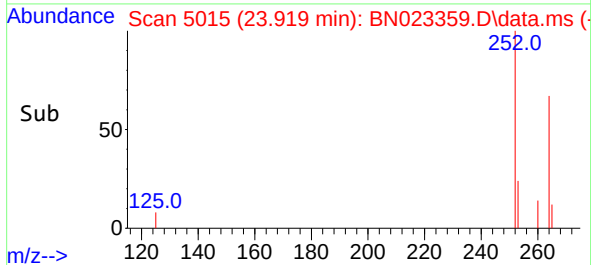
Reviewed By :Jagrut Upadhyay 12/23/2022
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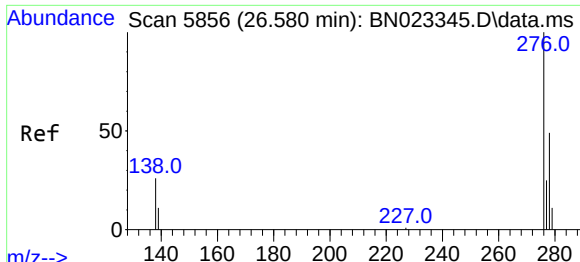


#26
Benzo(a)pyrene
Concen: 1.020 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21



Tgt Ion:252 Resp: 49454
Ion Ratio Lower Upper
252 100
253 25.7 21.4 32.2
125 18.2 16.2 24.4





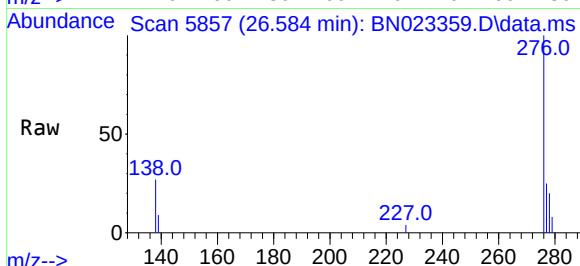
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.610 ng/ul
RT: 26.584 min Scan# 5856
Delta R.T. 0.006 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21

Instrument :

BNA_N

ClientSampleId :

DBXQ6DL

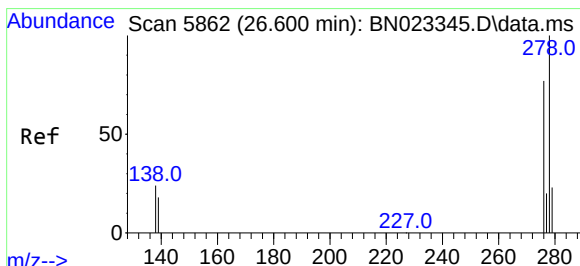
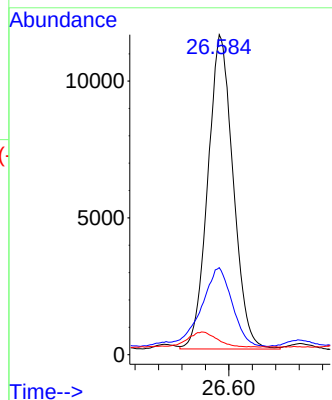
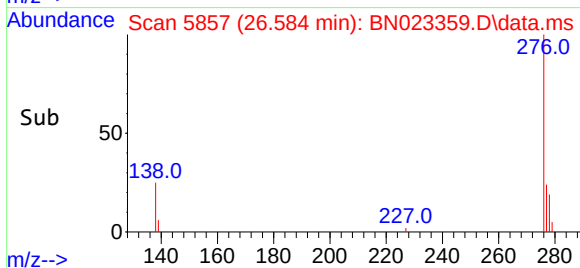


Tgt Ion:276 Resp: 3449
Ion Ratio Lower Upper
276 100
138 30.0 23.4 35.2
227 0.0 0.0 0.0

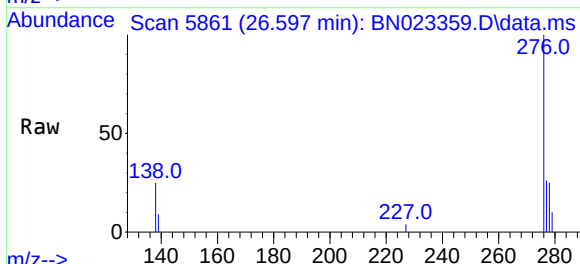
Manual Integrations

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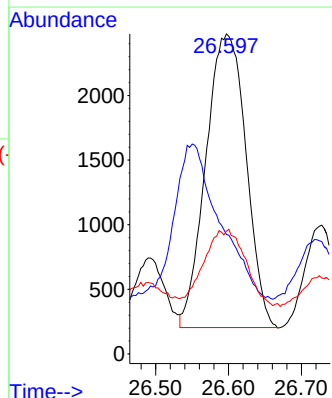
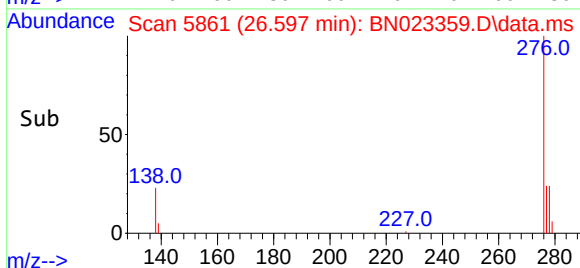
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

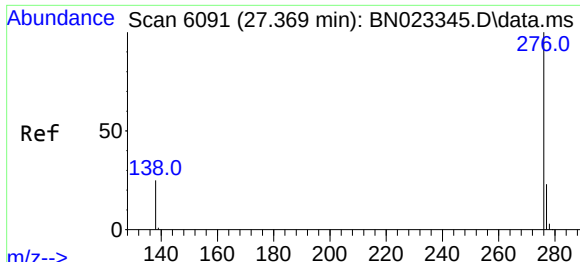


#28
Dibenzo(a,h)anthracene
Concen: 0.198 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023359.D
Acq: 23 Dec 2022 03:21



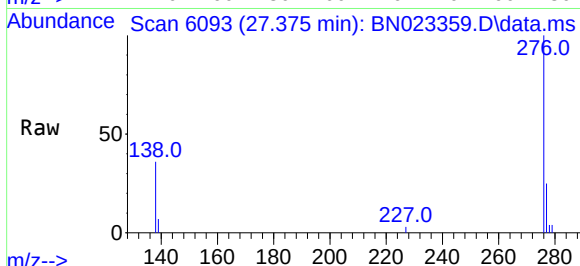
Tgt Ion:278 Resp: 8704
Ion Ratio Lower Upper
278 100
139 37.4 16.6 24.8#
279 38.4 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.623 ng/ul
 RT: 27.375 min Scan# 6093
 Delta R.T. 0.006 min
 Lab File: BN023359.D
 Acq: 23 Dec 2022 03:21

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ6DL



Tgt Ion: 276 Resp: 28730

Ion	Ratio	Lower	Upper
276	100		
138	36.4	20.3	30.5
277	25.1	19.7	29.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

