

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN12222\
 Data File : BN023358.D
 Acq On : 23 Dec 2022 02:44
 Operator : CG/JU
 Sample : N6006-13DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXZ7DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 03:43:35 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	3452	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	11486	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	6991	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	16127	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	13049	0.400	ng/ul	# 0.00
23) Perylene-d12	24.025	264	10500	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	18230	4.860	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	5702	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	13728	0.291	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.865	128	3204	0.095	ng/ul#	93
7) 2-Methylnaphthalene	12.476	142	1234	0.057	ng/ul	100
8) 1-Methylnaphthalene	12.690	142	972	0.044	ng/ul	98
10) Acenaphthylene	14.363	152	1821	0.059	ng/ul#	84
11) Acenaphthene	14.705	153	1347	0.052	ng/ul	97
12) Fluorene	15.691	166	1490	0.051	ng/ul#	96
14) Pentachlorophenol	17.040	266	168	0.038	ng/ul	92
15) Phenanthrene	17.432	178	37838	0.721	ng/ul	100
16) Anthracene	17.525	178	7260	0.167	ng/ul	95
19) Fluoranthene	19.448	202	104536	1.651	ng/ul	98
20) Pyrene	19.815	202	78910m	1.237	ng/ul	
21) Benzo(a)anthracene	21.560	228	40883	0.805	ng/ul	98
22) Chrysene	21.613	228	45387	0.878	ng/ul	98
24) Benzo(b)fluoranthene	23.276	252	57723m	1.063	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	17848m	0.350	ng/ul	
26) Benzo(a)pyrene	23.916	252	31214	0.726	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.584	276	22254	0.443	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.594	278	5534	0.142	ng/ul#	59
29) Benzo(g,h,i)perylene	27.372	276	19983	0.488	ng/ul#	79

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

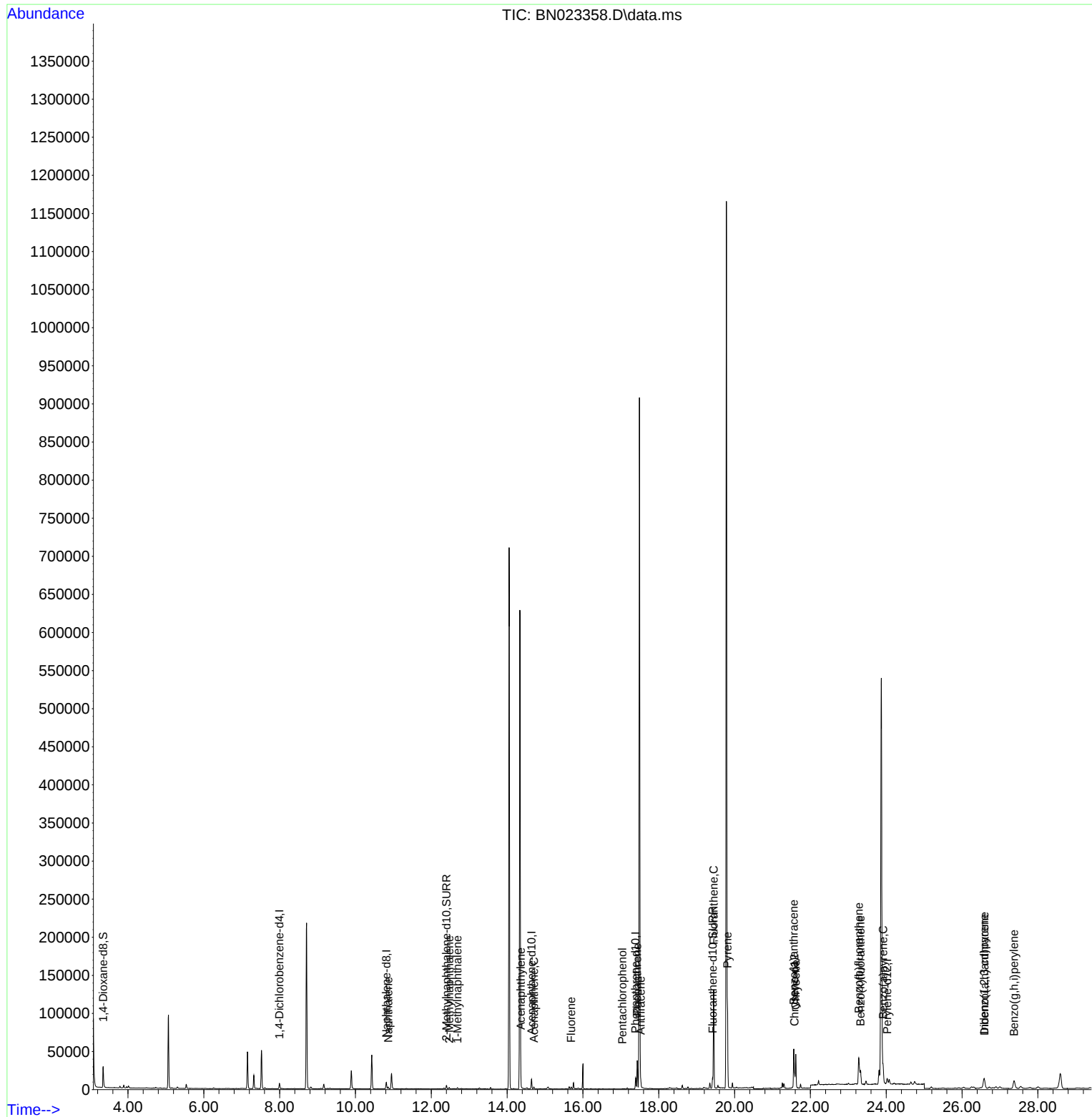
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023358.D
Acq On : 23 Dec 2022 02:44
Operator : CG/JU
Sample : N6006-13DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

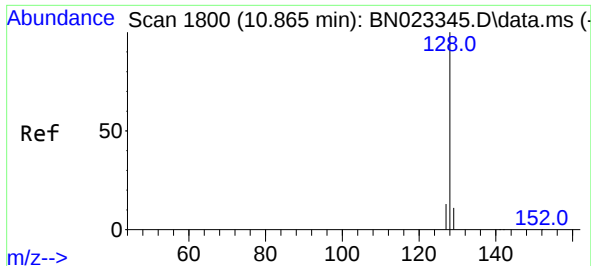
Instrument :
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ClientSampleId :
DBXZ7DL

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Supervised By :mohammad ahmed 12/23/2022

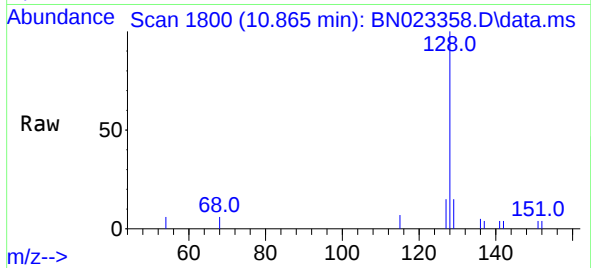
Quant Time: Dec 23 03:43:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

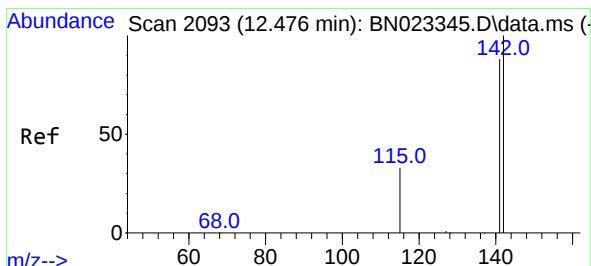
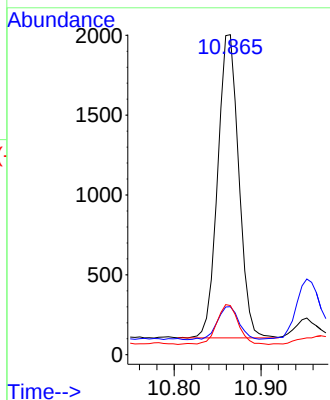
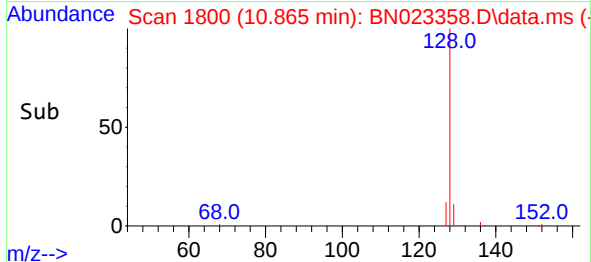
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



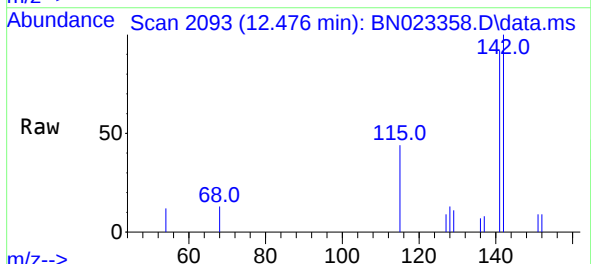
Tgt Ion:128 Resp: 3204
Ion Ratio Lower Upper
128 100
129 15.0 9.0 13.4
127 15.4 10.7 16.1

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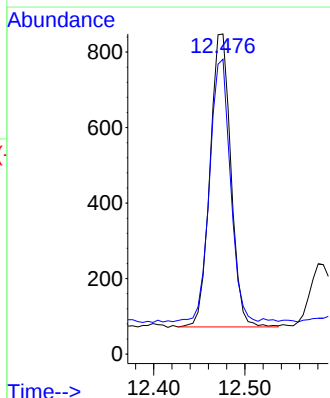
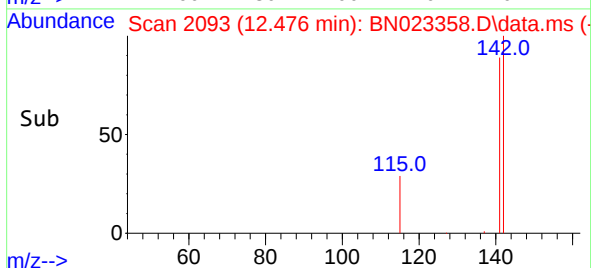
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

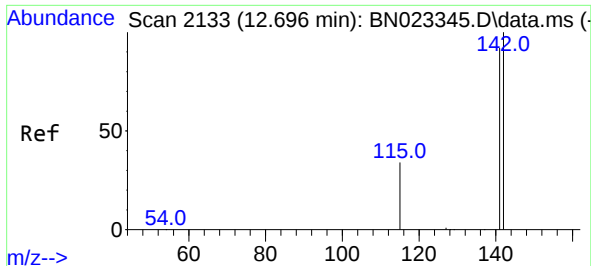


#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44



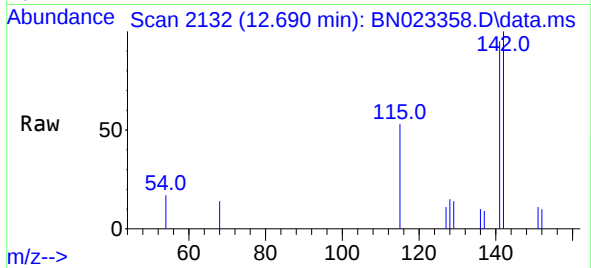
Tgt Ion:142 Resp: 1234
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.044 ng/u1
RT: 12.690 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

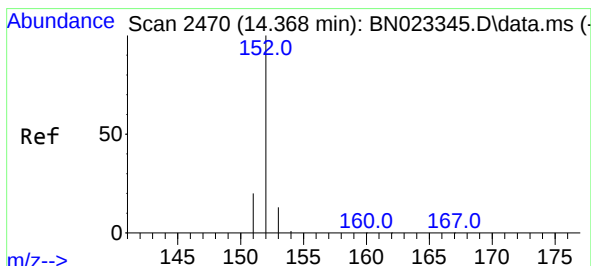
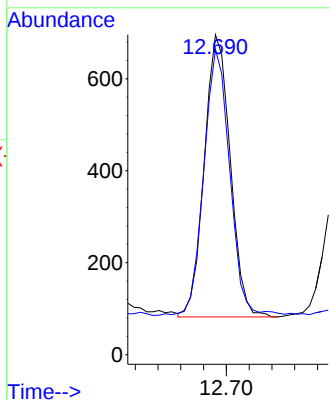
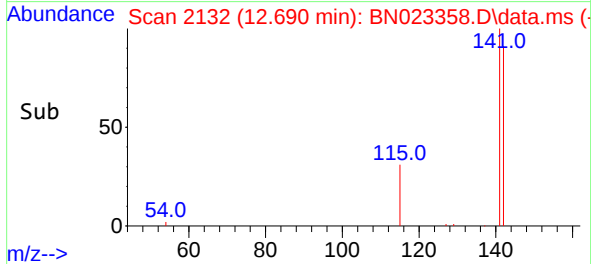
Instrument :
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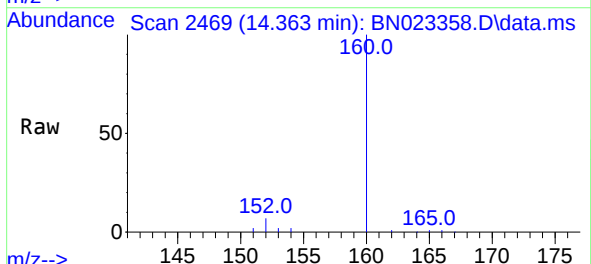
Tgt Ion:142 Resp: 972
Ion Ratio Lower Upper
142 100
141 94.5 74.0 111.0

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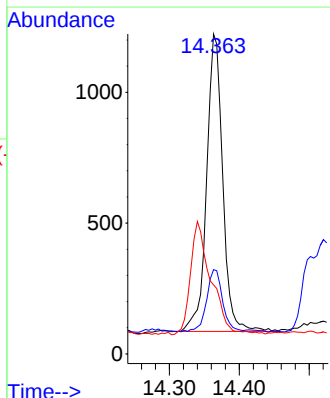
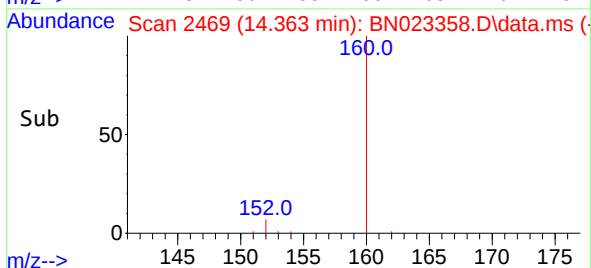
Reviewed By :Jagrut Upadhyay 12/23/2022
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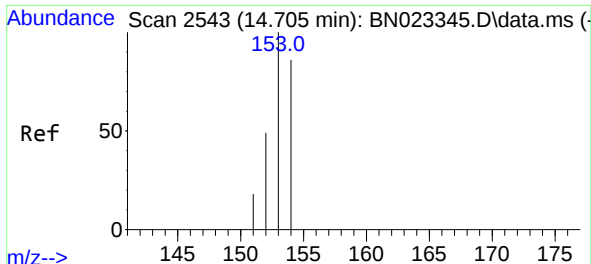


#10
Acenaphthylene
Concen: 0.059 ng/u1
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44



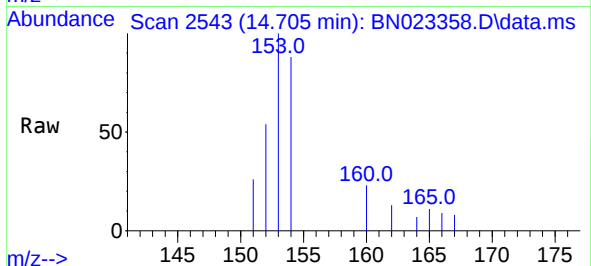
Tgt Ion:152 Resp: 1821
Ion Ratio Lower Upper
152 100
151 26.3 16.1 24.1#
153 21.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.052 ng/u1
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

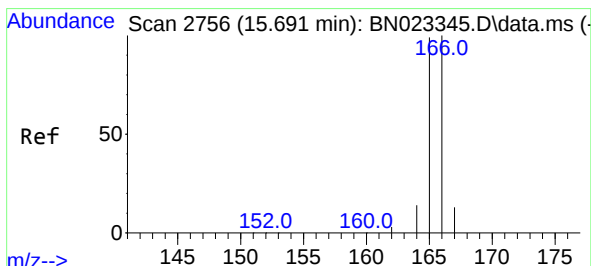
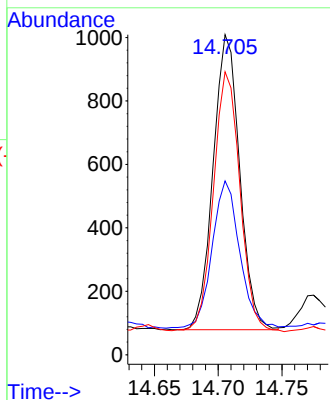
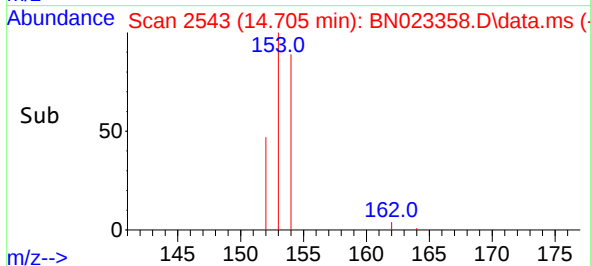
Instrument :
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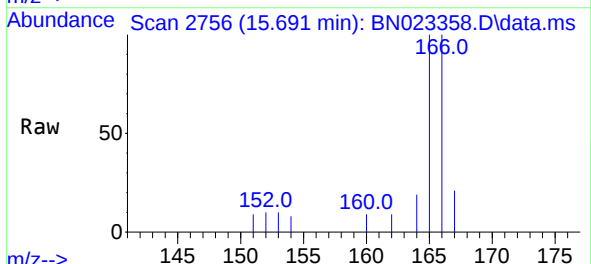
Tgt Ion:153 Resp: 134
Ion Ratio Lower Upper
153 100
152 54.3 41.0 61.4
154 88.4 69.5 104.3

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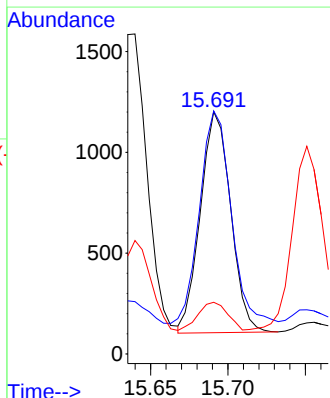
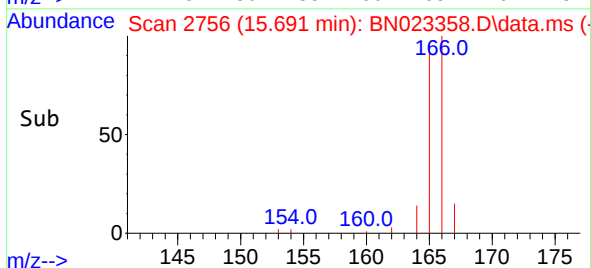
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

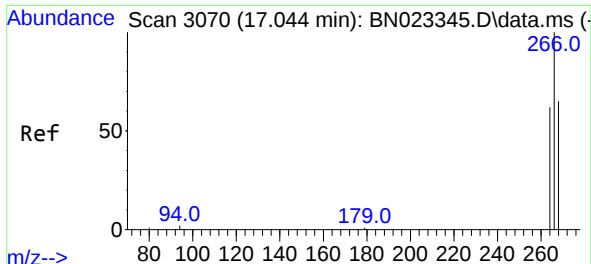


#12
Fluorene
Concen: 0.051 ng/u1
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44



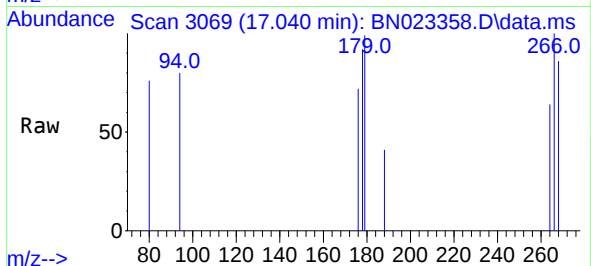
Tgt Ion:166 Resp: 1490
Ion Ratio Lower Upper
166 100
165 100.3 79.1 118.7
167 21.3 11.0 16.4#





#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 17.040 min Scan# 3070
Delta R.T. -0.001 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

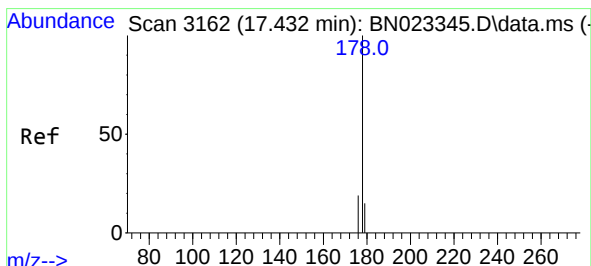
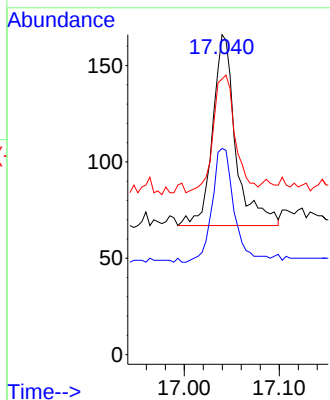
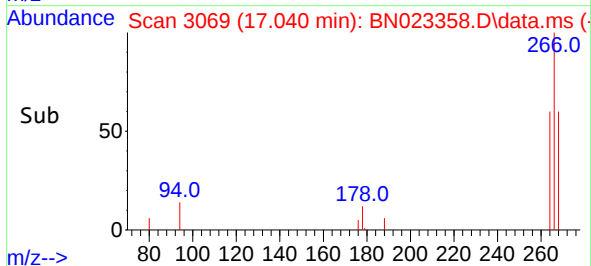
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



Tgt Ion:266 Resp: 168
Ion Ratio Lower Upper
266 100
264 56.5 49.8 74.6
268 57.1 51.4 77.0

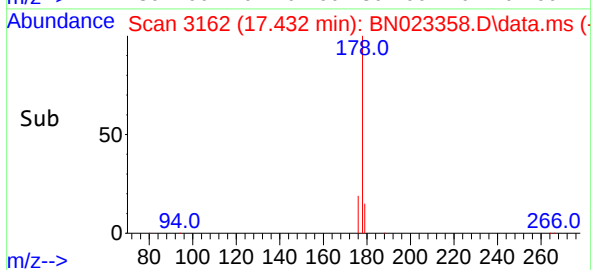
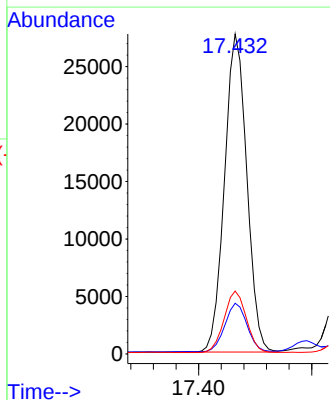
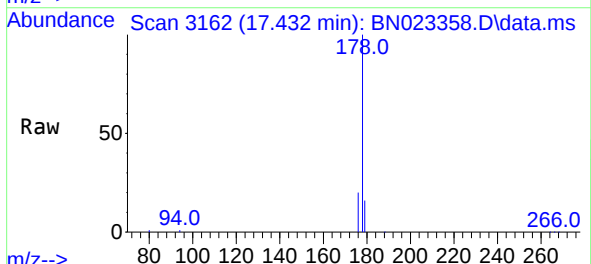
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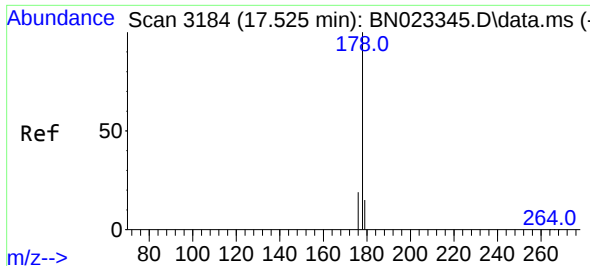
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#15
Phenanthrene
Concen: 0.721 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

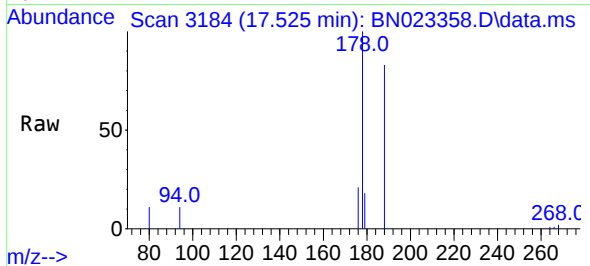
Tgt Ion:178 Resp: 37838
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.7 15.7 23.5





#16
 Anthracene
 Concen: 0.167 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023358.D
 Acq: 23 Dec 2022 02:44

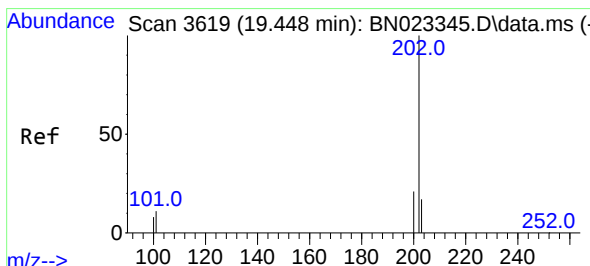
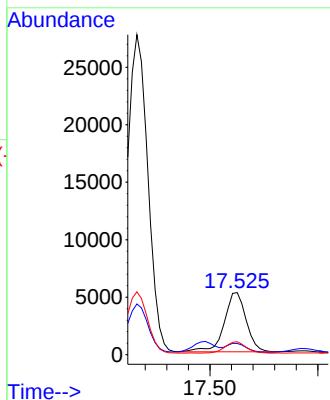
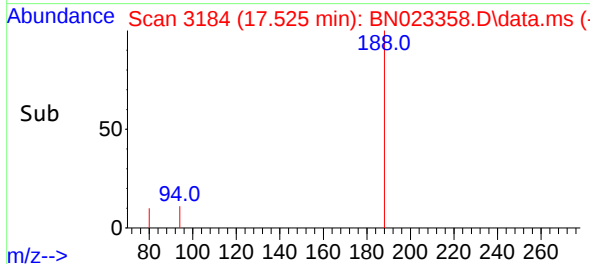
Instrument :
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Tgt Ion:178 Resp: 7260
 Ion Ratio Lower Upper
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 179 18.1 12.6 18.8
 176 20.8 15.4 23.0

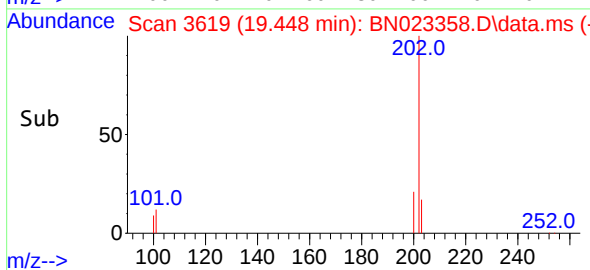
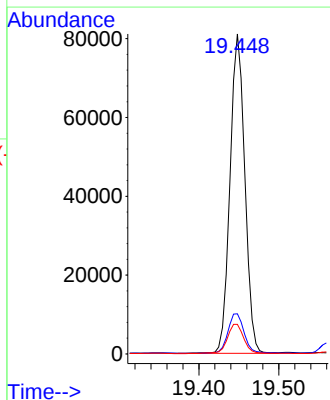
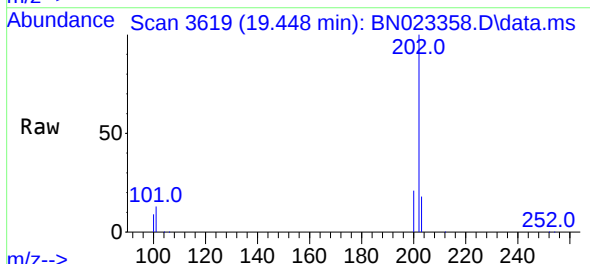
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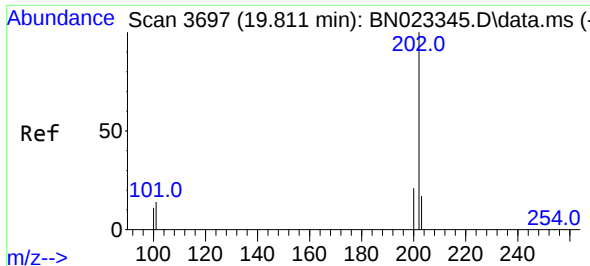
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#19
 Fluoranthene
 Concen: 1.651 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023358.D
 Acq: 23 Dec 2022 02:44

Tgt Ion:202 Resp: 104536
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.4 14.2
 100 9.2 7.0 10.6





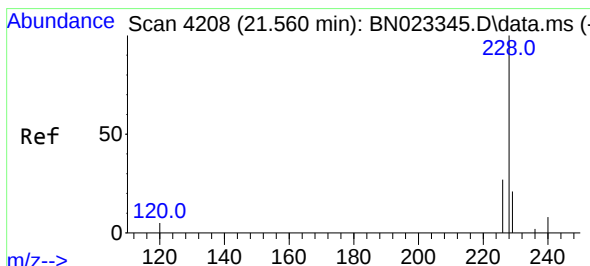
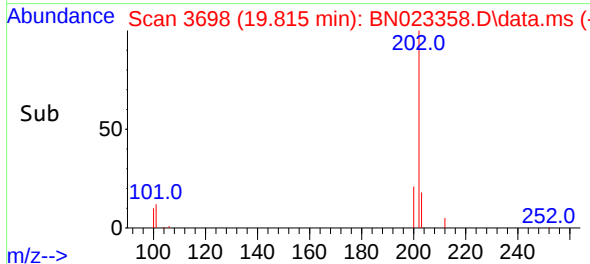
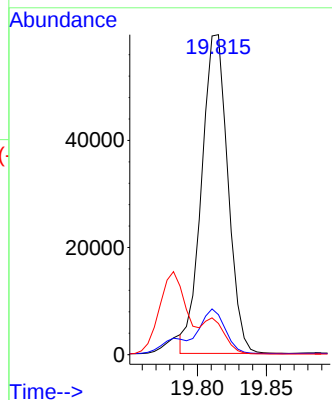
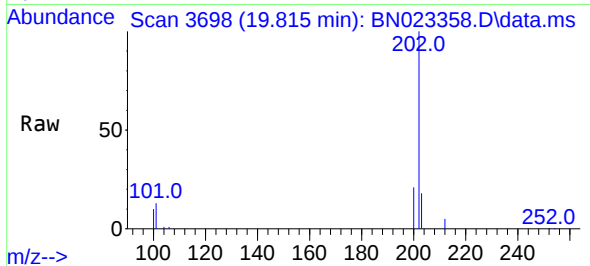
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Pyrene
Concen: 1.237 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

Instrument :
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Tgt Ion:202 Resp: 78910
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 9.8 9.0 13.4

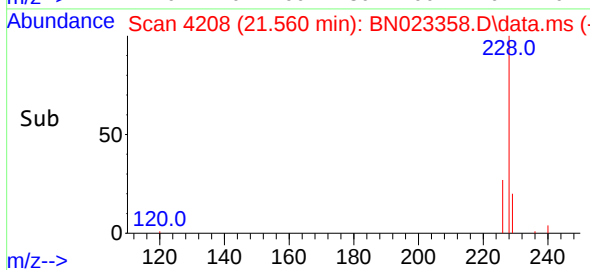
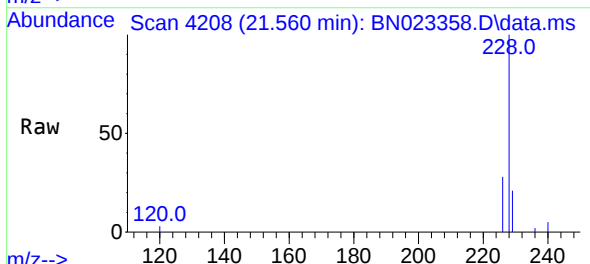
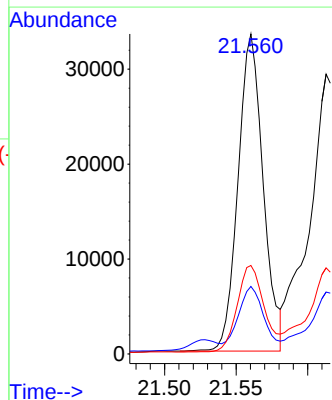
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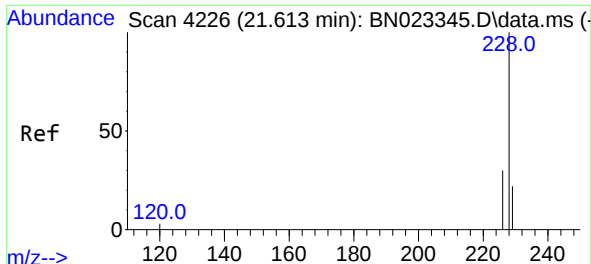
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#21
Benzo(a)anthracene
Concen: 0.805 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

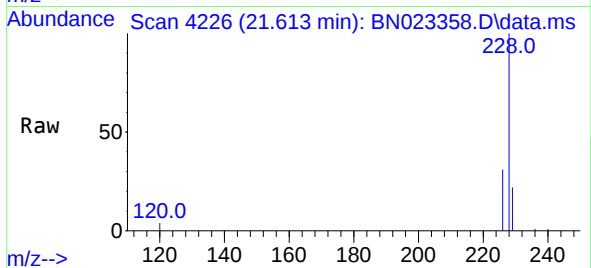
Tgt Ion:228 Resp: 40883
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 27.6 22.2 33.2





#22
Chrysene
Concen: 0.878 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

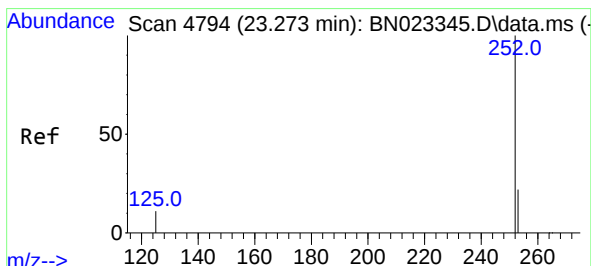
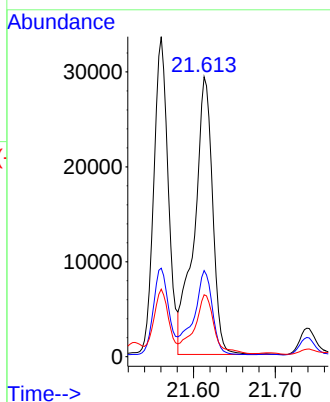
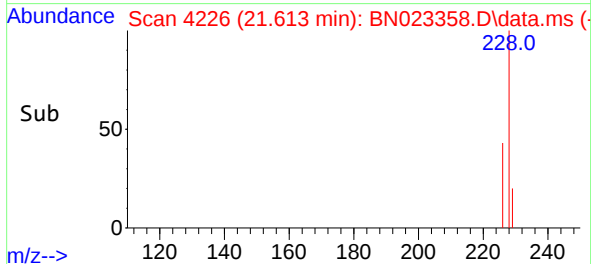
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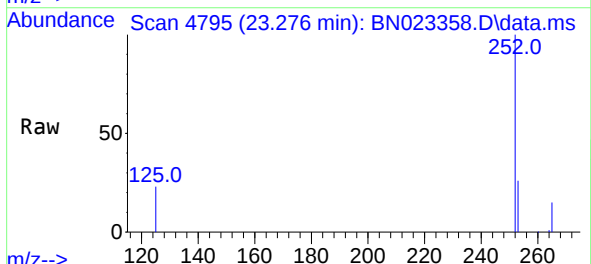
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Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.1 15.8 23.6

Manual Integrations
APPROVED

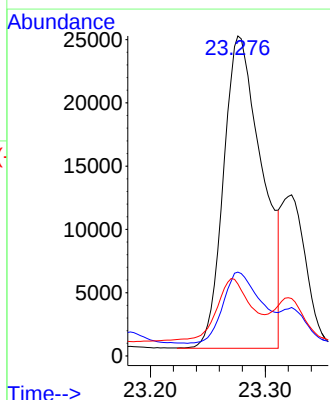
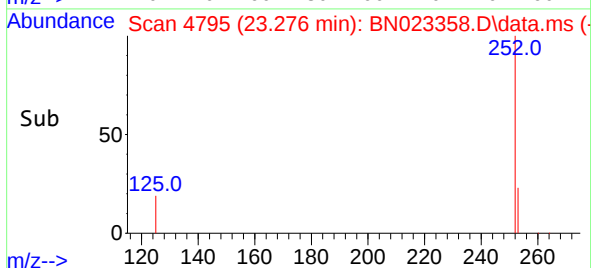
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

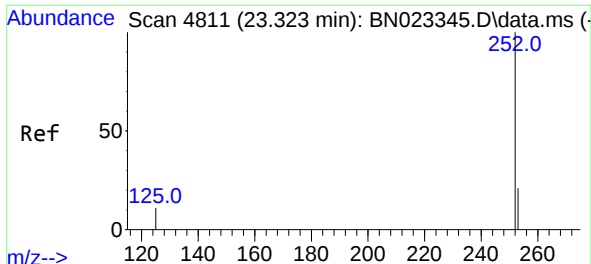


#24
Benzo(b)fluoranthene
Concen: 1.063 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44



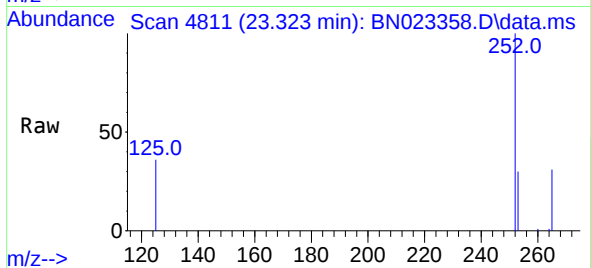
Tgt Ion:252 Resp: 57723
Ion Ratio Lower Upper
252 100
253 26.2 0.0 49.2
125 22.5 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

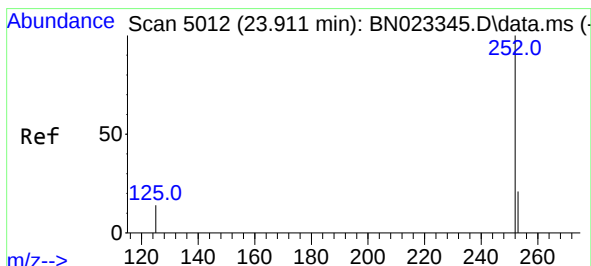
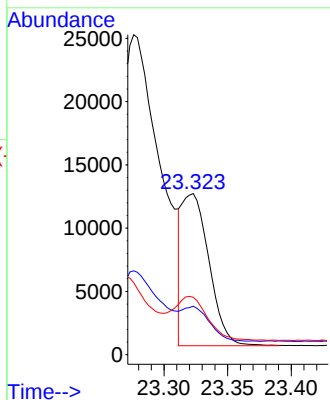
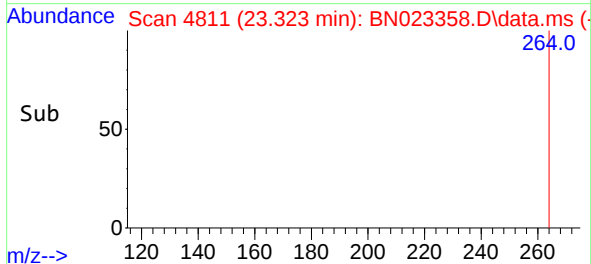
Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



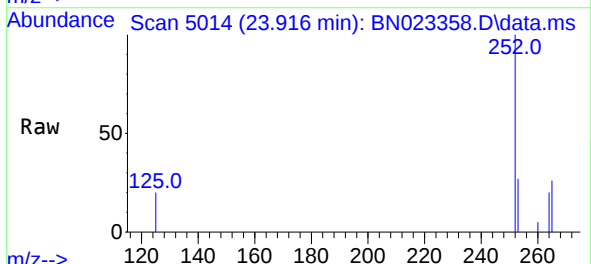
Tgt Ion:252 Resp: 17848
Ion Ratio Lower Upper
252 100
253 30.1 19.8 29.6
125 35.7 12.6 18.8

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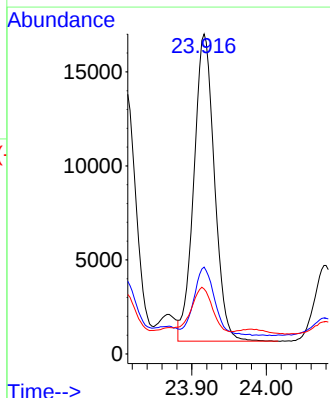
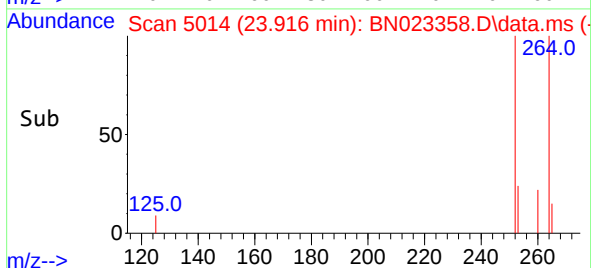
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

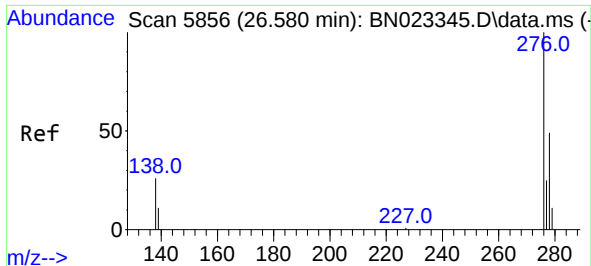


#26
Benzo(a)pyrene
Concen: 0.726 ng/ul
RT: 23.916 min Scan# 5014
Delta R.T. 0.002 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44



Tgt Ion:252 Resp: 31214
Ion Ratio Lower Upper
252 100
253 27.2 21.4 32.2
125 20.3 16.2 24.4





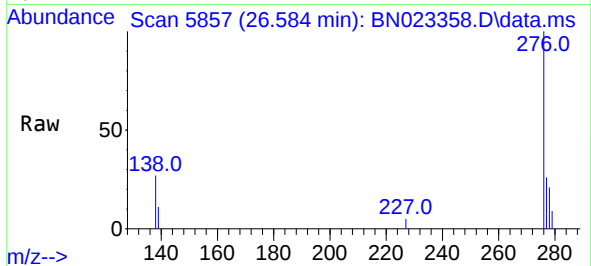
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.443 ng/ul
RT: 26.584 min Scan# 5856
Delta R.T. 0.006 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

Instrument :

BNA_N

ClientSampleId :

DBXZ7DL

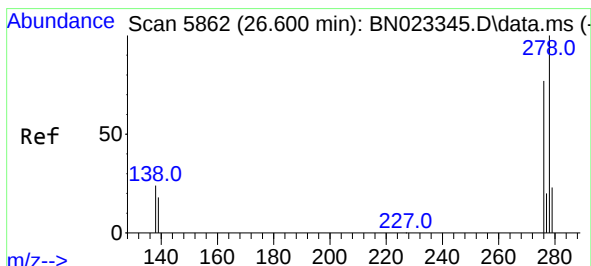
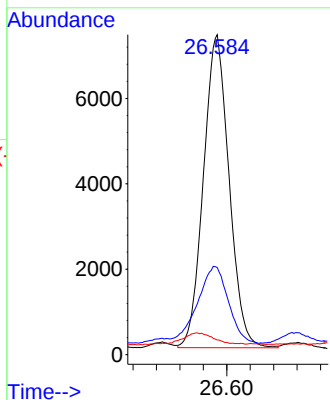
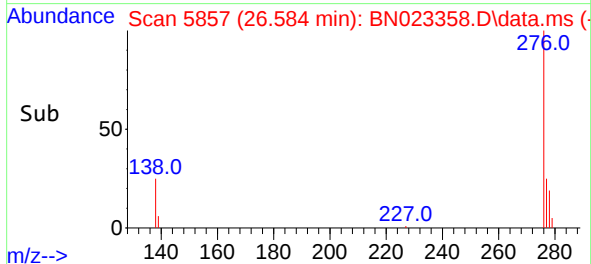


Tgt Ion:276 Resp: 22254
Ion Ratio Lower Upper
276 100
138 29.7 23.4 35.2
227 0.0 0.0 0.0

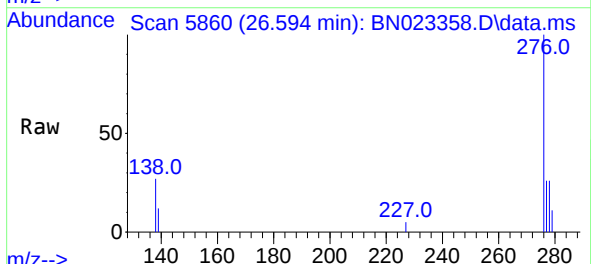
Manual Integrations

APPROVED

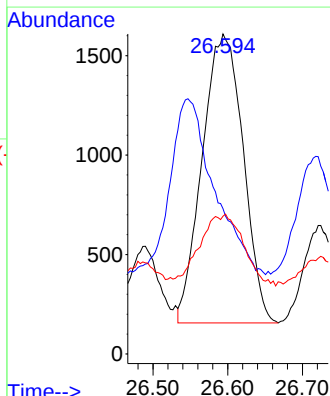
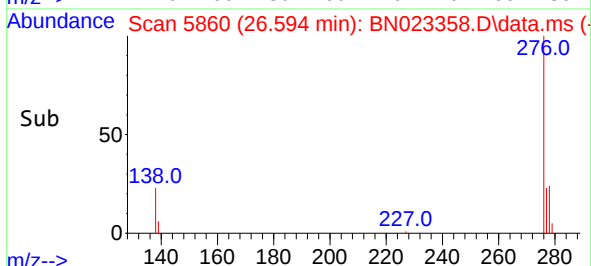
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

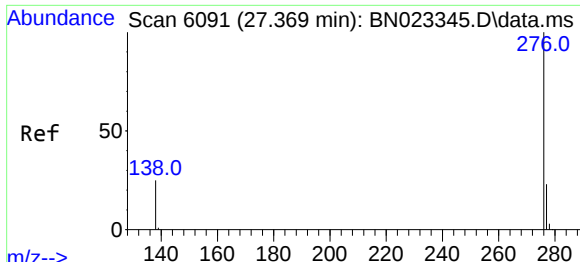


#28
Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 26.594 min Scan# 5860
Delta R.T. -0.008 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44



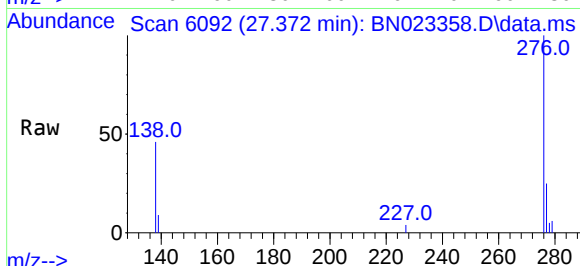
Tgt Ion:278 Resp: 5534
Ion Ratio Lower Upper
278 100
139 45.4 16.6 24.8#
279 43.1 21.3 31.9#





#29
Benzo(g,h,i)perylene
Concen: 0.488 ng/ul
RT: 27.372 min Scan# 6092
Delta R.T. 0.003 min
Lab File: BN023358.D
Acq: 23 Dec 2022 02:44

Instrument :
BNA_N
ClientSampleId :
DBXZ7DL



Tgt Ion:276 Resp: 1998
Ion Ratio Lower Upper
276 100
138 45.7 20.3 30.5
277 25.0 19.7 29.5

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

