

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023438.D
 Acq On : 25 Dec 2022 08:10
 Operator : CG/JU
 Sample : N6017-11
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYF7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 26 01:22:18 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 : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	7096	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23422	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	13862	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	30765	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	22406	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	16255	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19197	2.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	6891	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	16857	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	13984	0.203	ng/ul	99
7) 2-Methylnaphthalene	12.465	142	3039	0.069	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	1322	0.029	ng/ul	98
10) Acenaphthylene	14.358	152	13909	0.226	ng/ul	99
11) Acenaphthene	14.701	153	1398	0.027	ng/ul	96
12) Fluorene	15.686	166	1592	0.027	ng/ul#	97
15) Phenanthrene	17.428	178	41369	0.413	ng/ul	100
16) Anthracene	17.517	178	10440	0.126	ng/ul	98
19) Fluoranthene	19.443	202	144613	1.330	ng/ul	100
20) Pyrene	19.806	202	108952m	0.994	ng/ul	
21) Benzo(a)anthracene	21.557	228	73280	0.840	ng/ul	96
22) Chrysene	21.613	228	75520	0.851	ng/ul	97
24) Benzo(b)fluoranthene	23.270	252	105639m	1.257	ng/ul	
25) Benzo(k)fluoranthene	23.317	252	32312m	0.409	ng/ul	
26) Benzo(a)pyrene	23.913	252	60974	0.916	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.570	276	47695	0.614	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.587	278	11740	0.195	ng/ul#	83
29) Benzo(g,h,i)perylene	27.368	276	45395	0.717	ng/ul	99

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

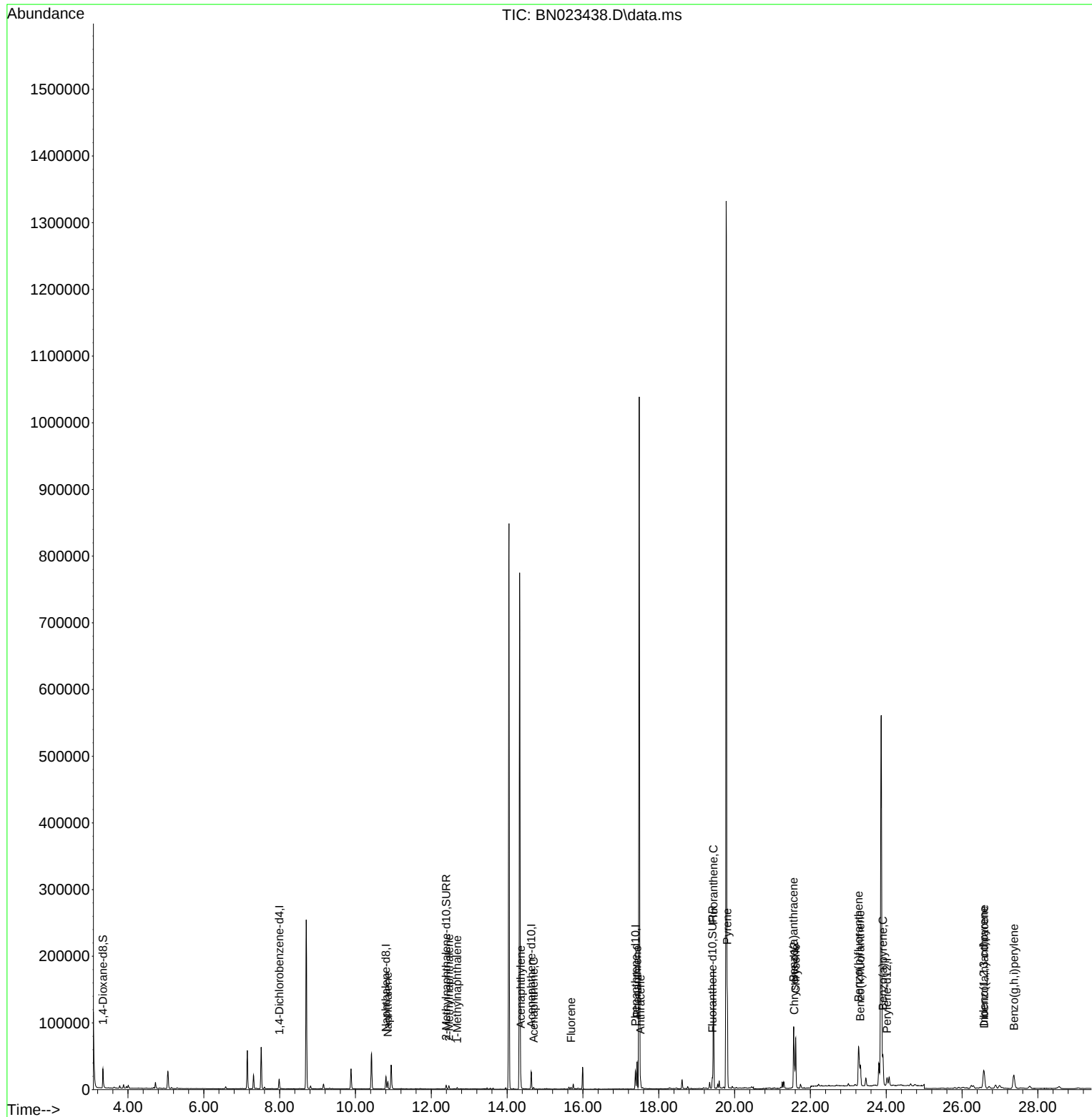
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023438.D
Acq On : 25 Dec 2022 08:10
Operator : CG/JU
Sample : N6017-11
Misc :
ALS Vial : 66 Sample Multiplier: 1

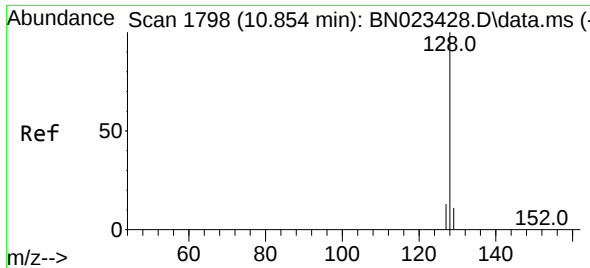
Instrument :
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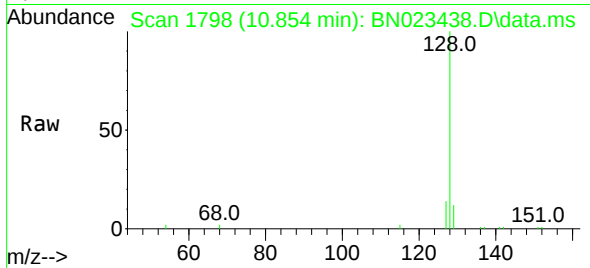
Quant Time: Dec 26 01:22:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

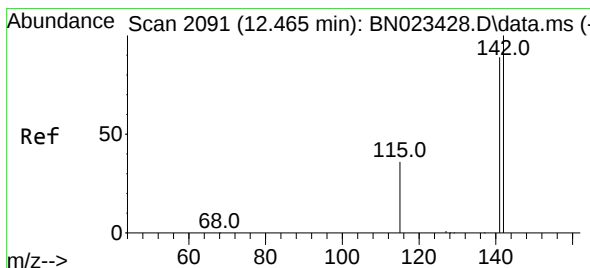
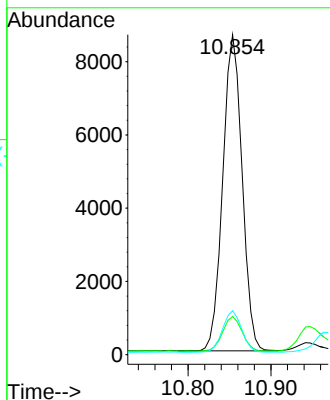
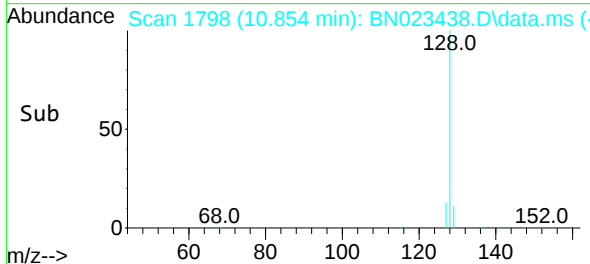
Instrument :
BNA_N
ClientSampleId :
DBYF7



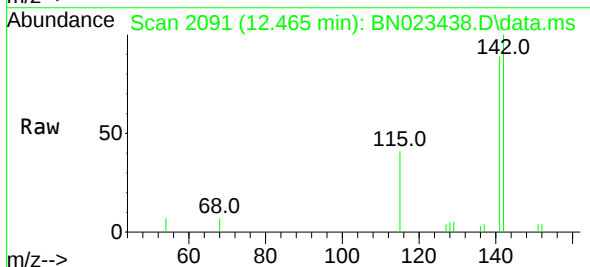
Tgt Ion:128 Resp: 13984
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 13.7 10.7 16.1

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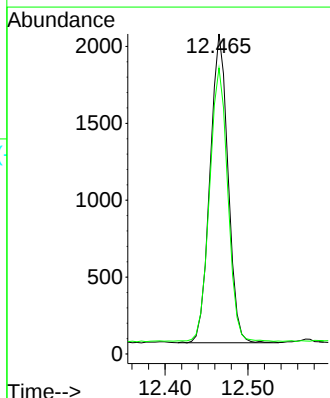
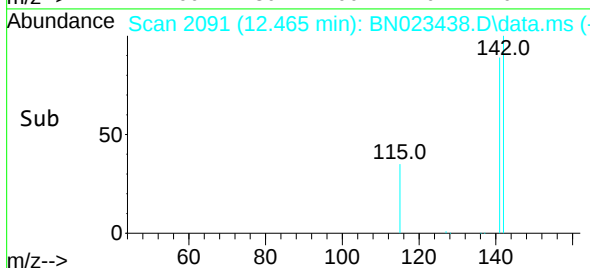
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Supervised By :Sohil Jodhani 12/26/2022

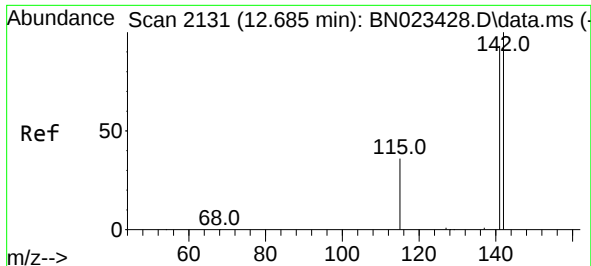


#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10



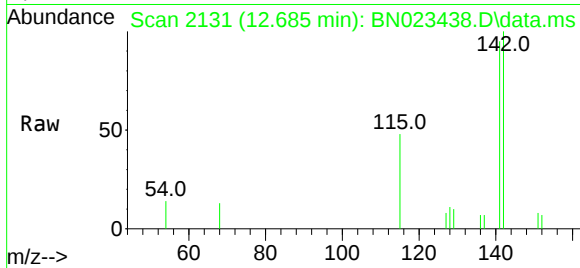
Tgt Ion:142 Resp: 3039
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

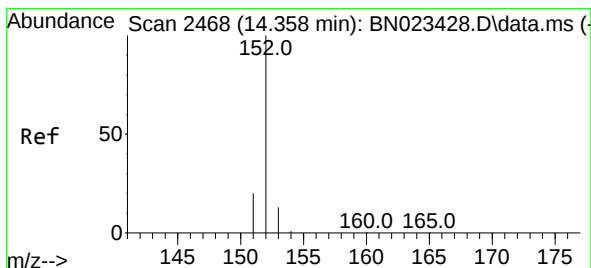
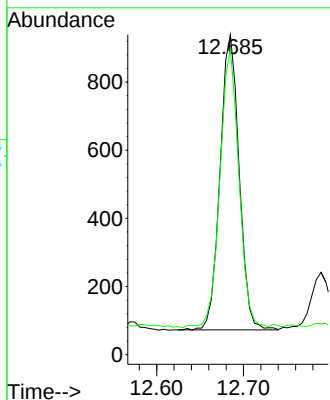
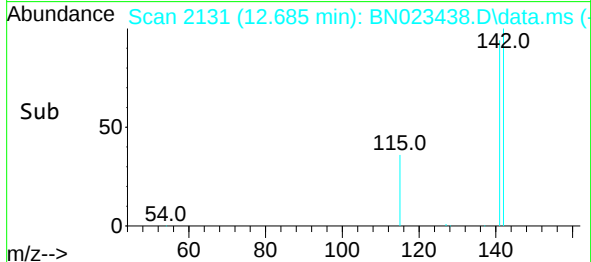
Instrument :
BNA_N
ClientSampleId :
DBYF7



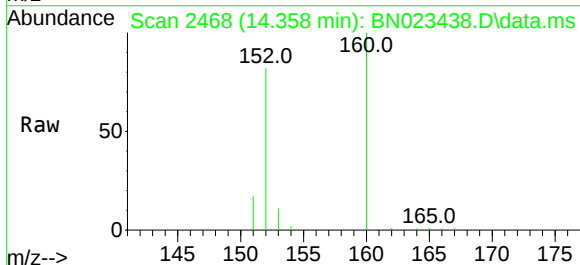
Tgt Ion:142 Resp: 132
Ion Ratio Lower Upper
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141 94.3 74.0 111.0

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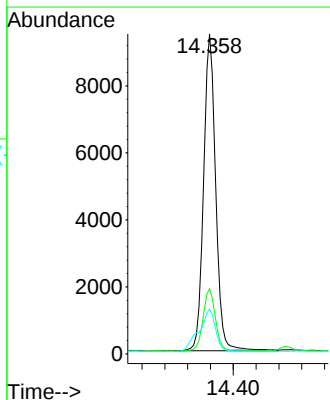
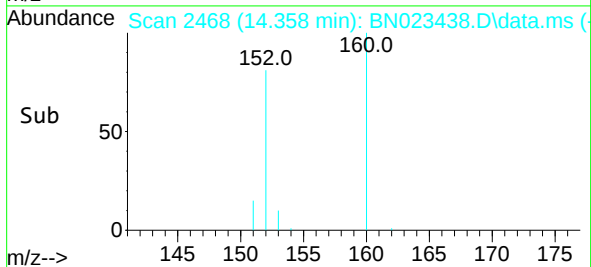
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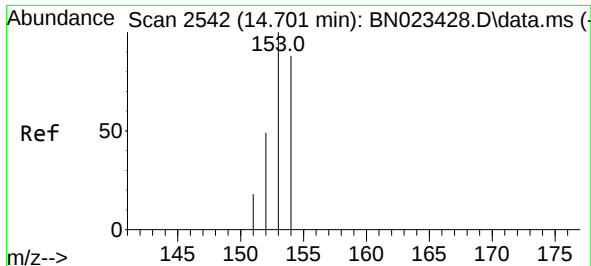


#10
Acenaphthylene
Concen: 0.226 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10



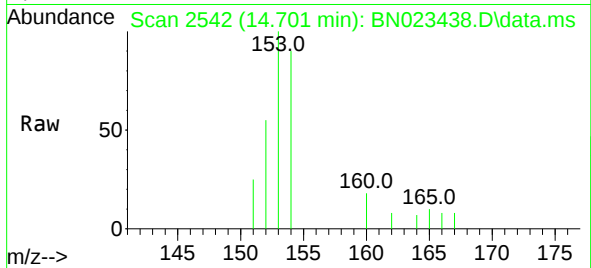
Tgt Ion:152 Resp: 13909
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.701 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

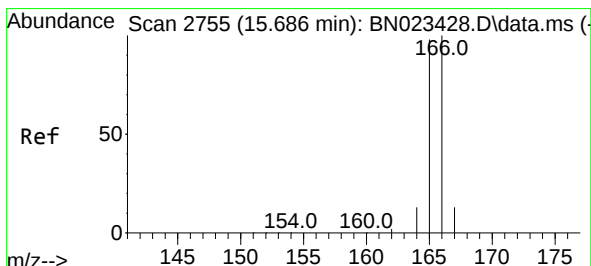
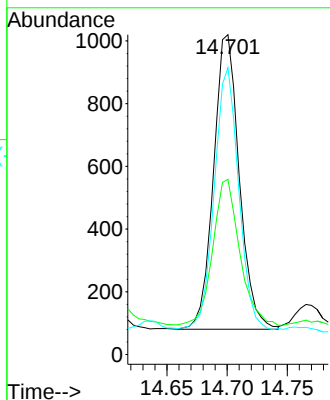
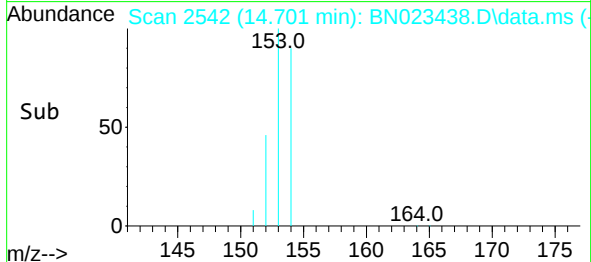
Instrument :
BNA_N
ClientSampleId :
DBYF7



Tgt Ion:153 Resp: 1398
Ion Ratio Lower Upper
153 100
152 54.8 41.0 61.4
154 89.7 69.5 104.3

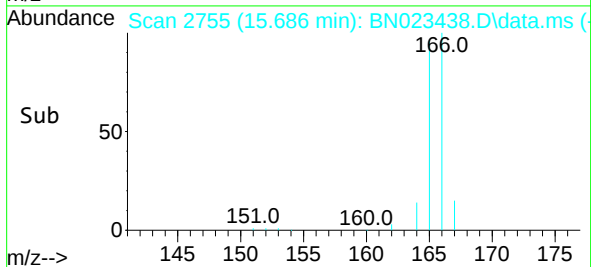
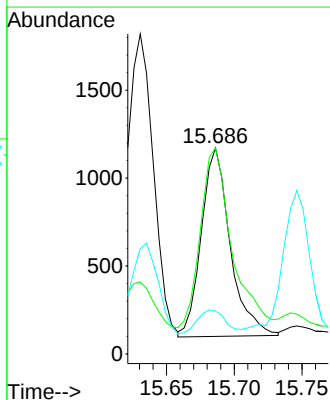
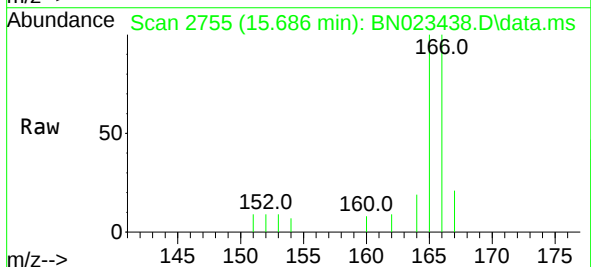
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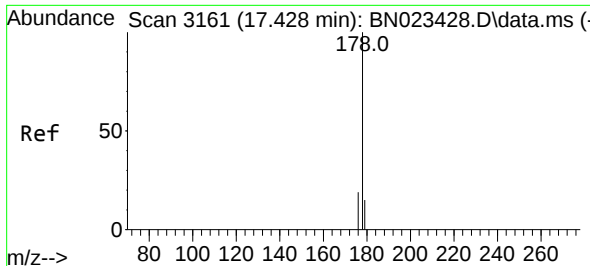
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.686 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

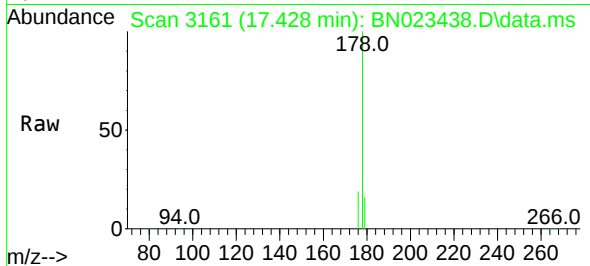
Tgt Ion:166 Resp: 1592
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 20.8 11.0 16.4#





#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

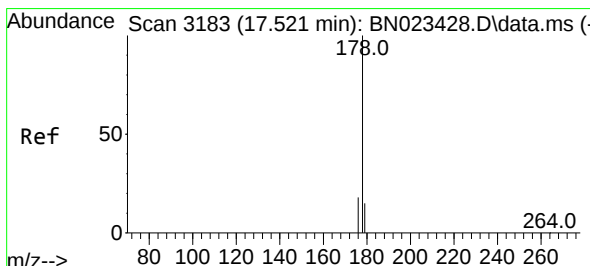
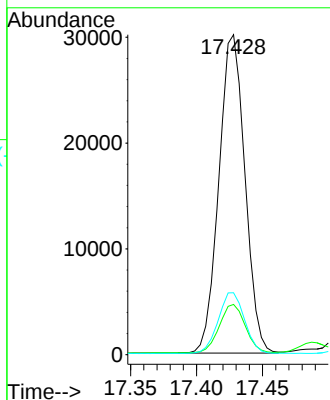
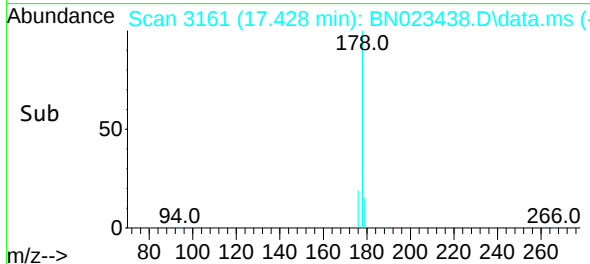
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ClientSampleId :
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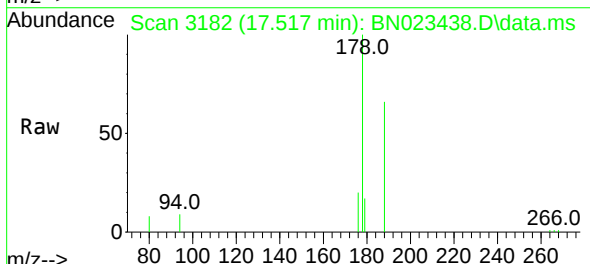
Tgt Ion:178 Resp: 41369
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.7 23.5

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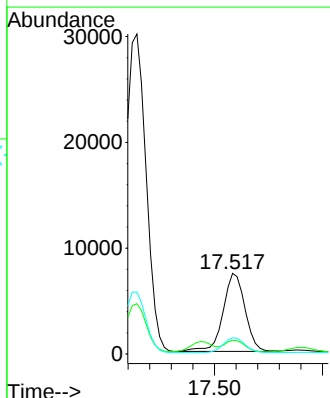
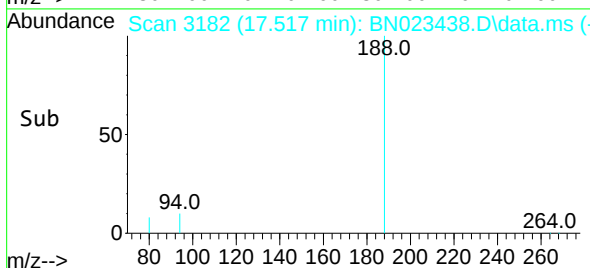
Reviewed By :Yogesh Patel 12/26/2022
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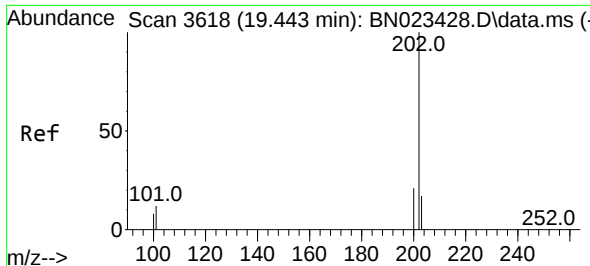


#16
Anthracene
Concen: 0.126 ng/ul
RT: 17.517 min Scan# 3182
Delta R.T. -0.004 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10



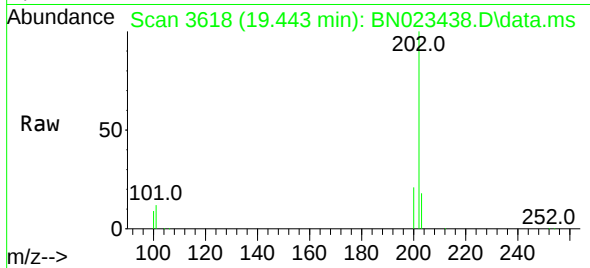
Tgt Ion:178 Resp: 10440
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 20.0 15.4 23.0





#19
Fluoranthene
Concen: 1.330 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

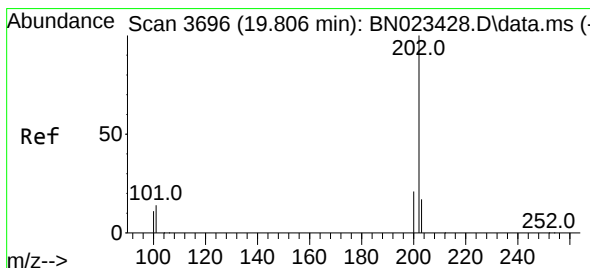
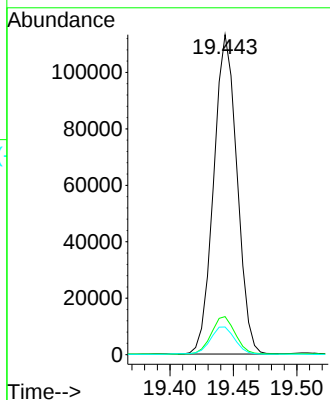
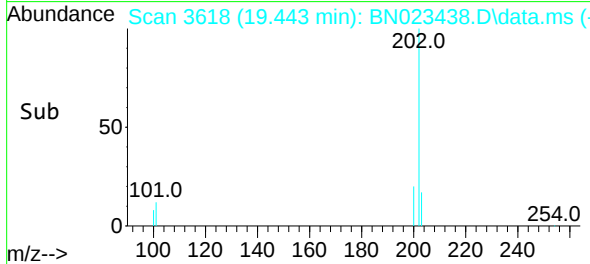
Instrument :
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DBYF7



Tgt Ion:202 Resp: 144611
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 8.7 7.0 10.6

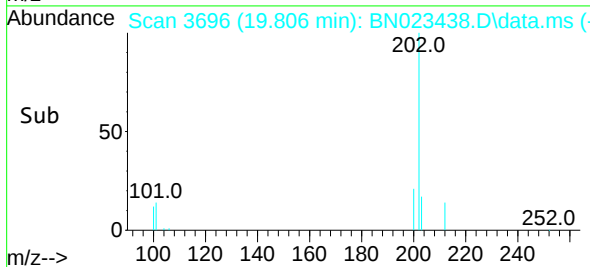
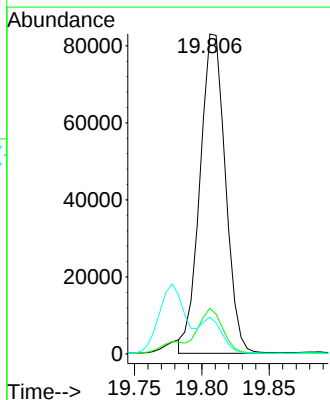
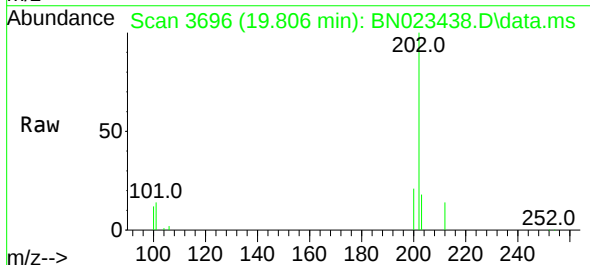
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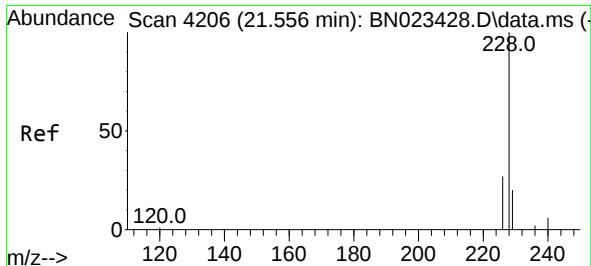
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#20
Pyrene
Concen: 0.994 ng/ul m
RT: 19.806 min Scan# 3696
Delta R.T. 0.000 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

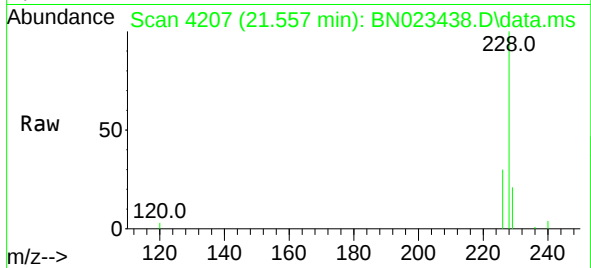
Tgt Ion:202 Resp: 108952
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.840 ng/ul
RT: 21.557 min Scan# 4206
Delta R.T. 0.001 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

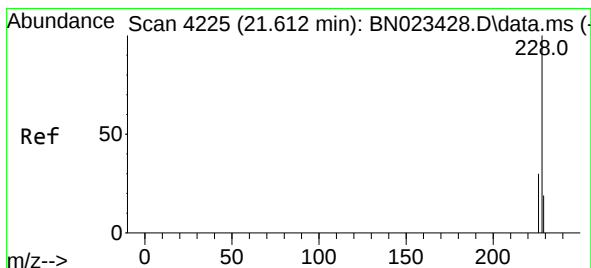
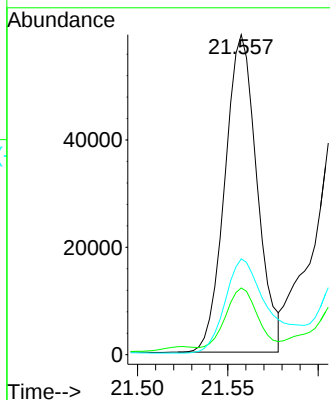
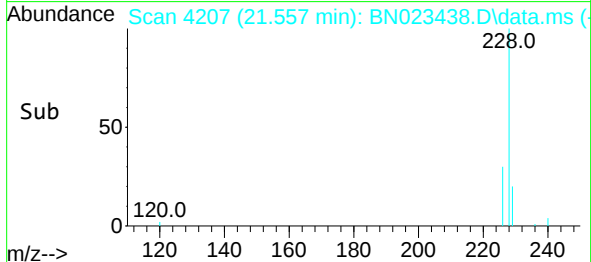
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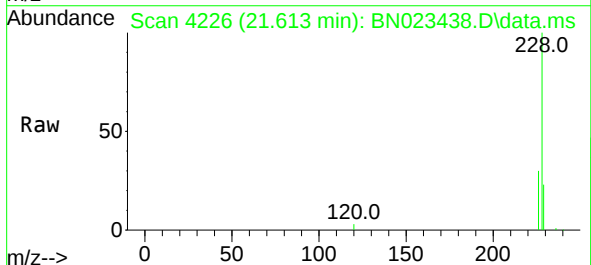
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Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 29.9 22.2 33.2

Manual Integrations
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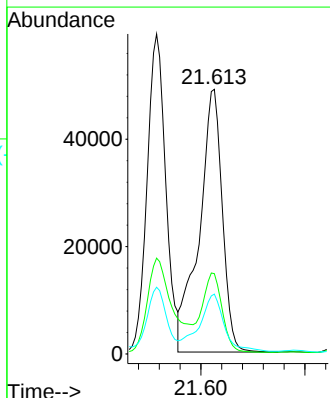
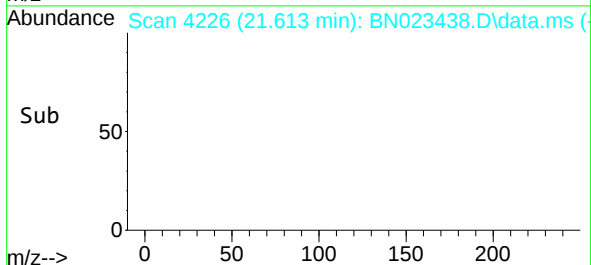
Reviewed By :Yogesh Patel 12/26/2022
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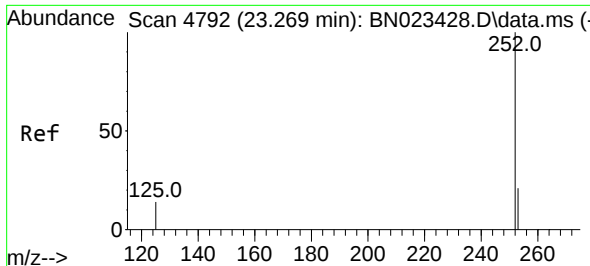


#22
Chrysene
Concen: 0.851 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. 0.001 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10



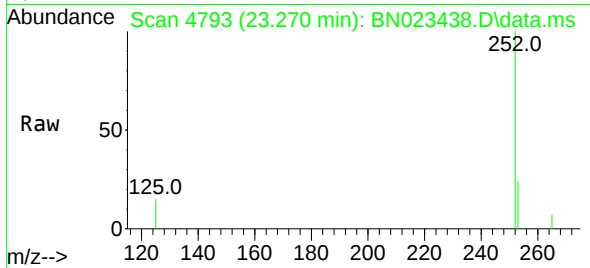
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Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.257 ng/ul m
RT: 23.270 min Scan# 4792
Delta R.T. 0.001 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

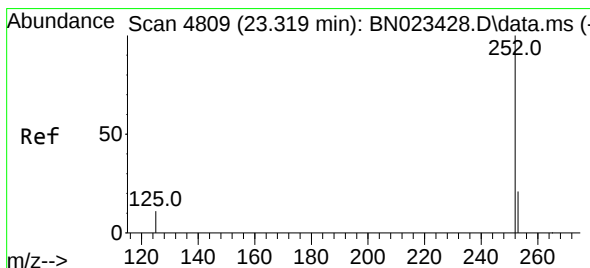
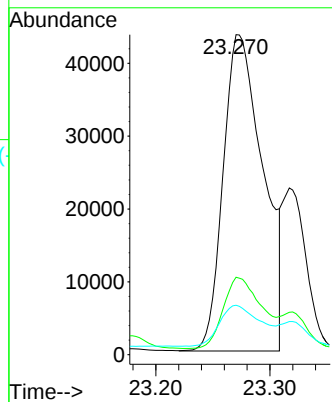
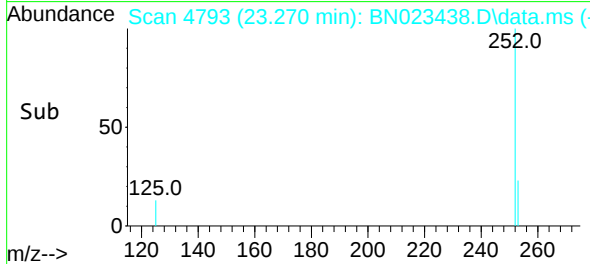
Instrument :
BNA_N
ClientSampleId :
DBYF7



Tgt Ion:252 Resp: 105639
Ion Ratio Lower Upper
252 100
253 24.2 0.0 49.2
125 15.4 0.0 31.8

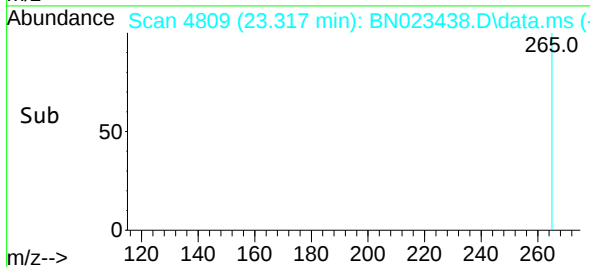
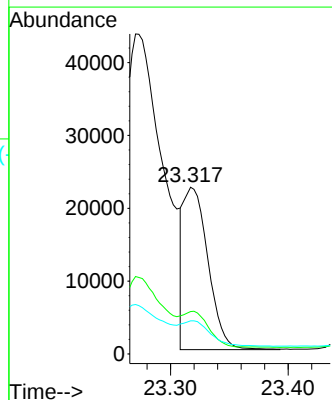
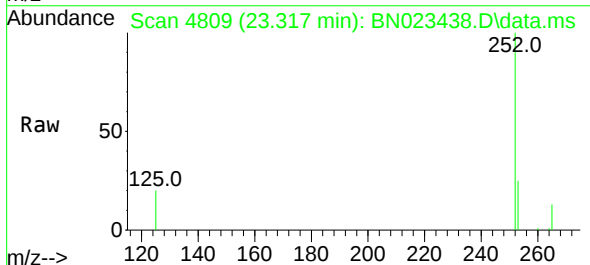
Manual Integrations
APPROVED

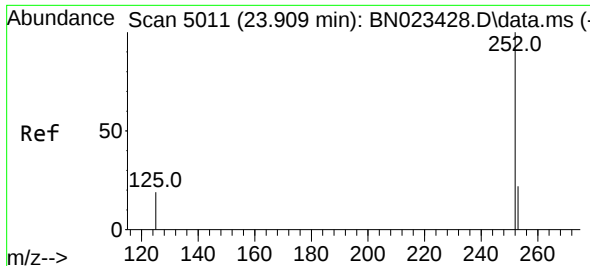
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul m
RT: 23.317 min Scan# 4809
Delta R.T. -0.002 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

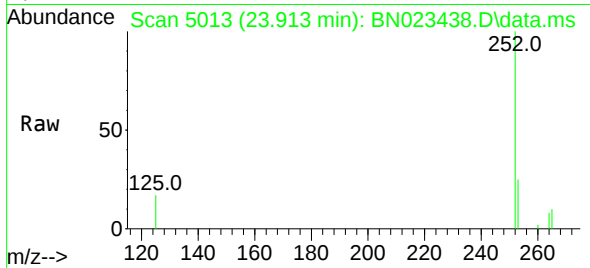
Tgt Ion:252 Resp: 32312
Ion Ratio Lower Upper
252 100
253 25.4 19.8 29.6
125 19.9 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.916 ng/ul
RT: 23.913 min Scan# 5013
Delta R.T. 0.004 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

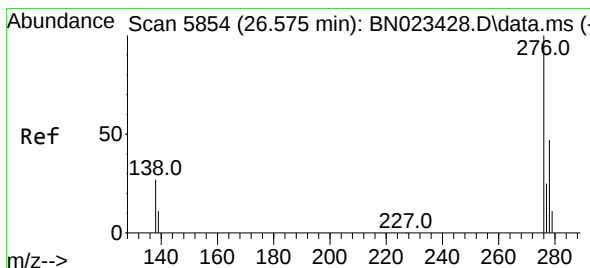
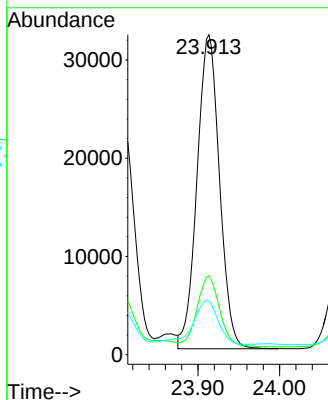
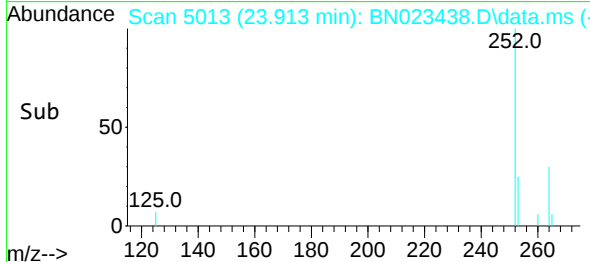
Instrument :
BNA_N
ClientSampleId :
DBYF7



Tgt Ion:252 Resp: 60974
Ion Ratio Lower Upper
252 100
253 24.6 21.4 32.2
125 16.6 16.2 24.4

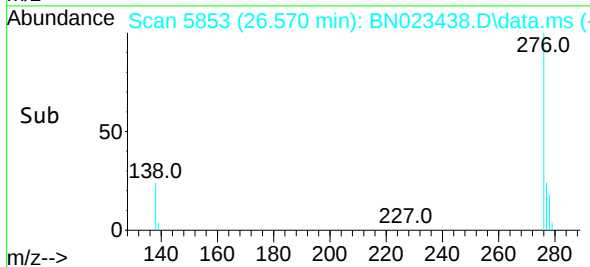
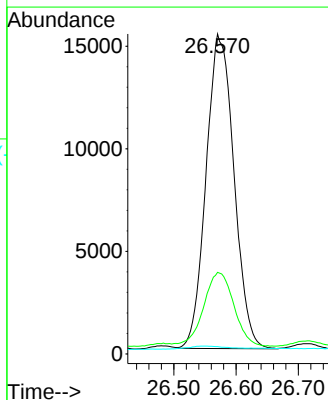
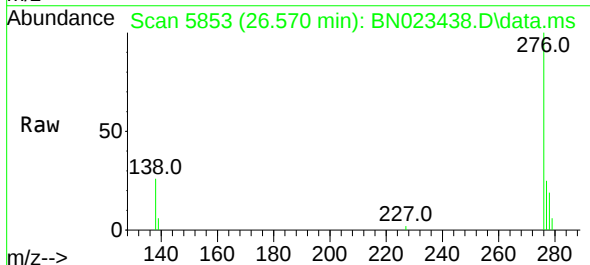
Manual Integrations
APPROVED

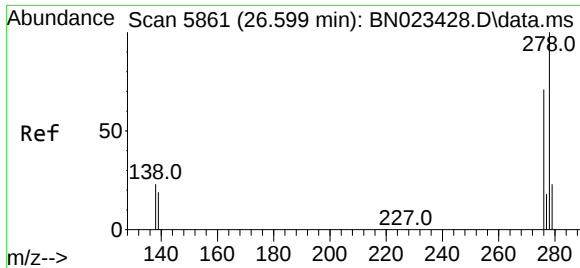
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.614 ng/ul
RT: 26.570 min Scan# 5853
Delta R.T. -0.005 min
Lab File: BN023438.D
Acq: 25 Dec 2022 08:10

Tgt Ion:276 Resp: 47695
Ion Ratio Lower Upper
276 100
138 25.3 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.195 ng/ul

RT: 26.587 min Scan# 5858

Delta R.T. -0.012 min

Lab File: BN023438.D

Acq: 25 Dec 2022 08:10

Instrument :

BNA_N

ClientSampleId :

DBYF7

Tgt Ion:278 Resp: 11740

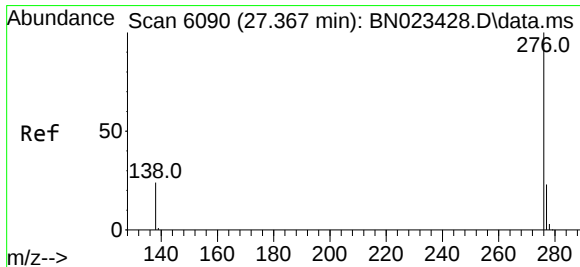
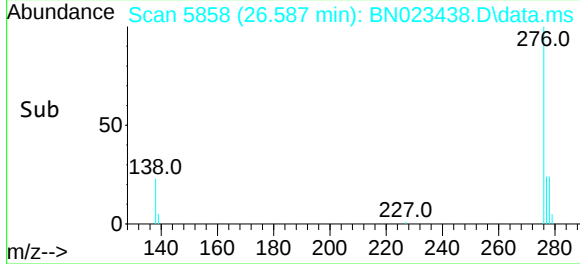
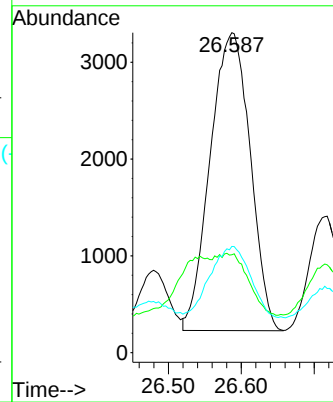
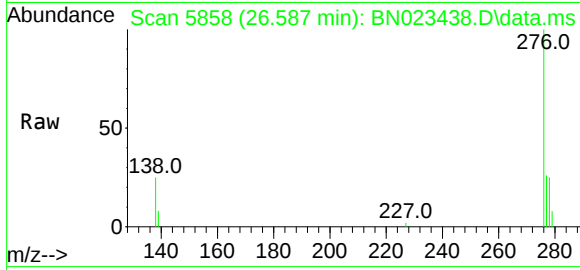
Ion	Ratio	Lower	Upper
278	100		
139	30.6	16.6	24.8
279	33.2	21.3	31.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2022

Supervised By :Sohil Jodhani 12/26/2022



#29

Benzo(g,h,i)perylene

Concen: 0.717 ng/ul

RT: 27.368 min Scan# 6091

Delta R.T. 0.002 min

Lab File: BN023438.D

Acq: 25 Dec 2022 08:10

Tgt Ion:276 Resp: 45395

Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.3	30.5
277	24.7	19.7	29.5

