

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025222.D
 Acq On : 02 May 2023 16:12
 Operator : CG/JU
 Sample : 02419-35
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW930

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:29:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	28862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	18247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	41802	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.508	240	35946	0.400	ng/ul	# 0.00
23) Perylene-d12	23.952	264	33311	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	22189	2.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	7084	0.191	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	18219	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	33569	0.454	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	14215	0.314	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	11662	0.242	ng/ul	99
10) Acenaphthylene	14.283	152	17593	0.259	ng/ul#	94
11) Acenaphthene	14.621	153	61020	1.065	ng/ul	99
12) Fluorene	15.611	166	63745	0.995	ng/ul	100
15) Phenanthrene	17.351	178	938216	7.952	ng/ul	100
16) Anthracene	17.444	178	210603	2.182	ng/ul	99
19) Fluoranthene	19.373	202	1928189	14.834	ng/ul	99
20) Pyrene	19.735	202	1650130	12.355	ng/ul	99
21) Benzo(a)anthracene	21.491	228	871784	8.048	ng/ul	98
22) Chrysene	21.543	228	864254	7.314	ng/ul	98
24) Benzo(b)fluoranthene	23.209	252	1081087m	7.999	ng/ul	
25) Benzo(k)fluoranthene	23.250	252	383767m	2.952	ng/ul	
26) Benzo(a)pyrene	23.844	252	718091	6.422	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.487	276	435276	3.379	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.500	278	108542	1.079	ng/ul#	89
29) Benzo(g,h,i)perylene	27.268	276	402746	3.676	ng/ul	98

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

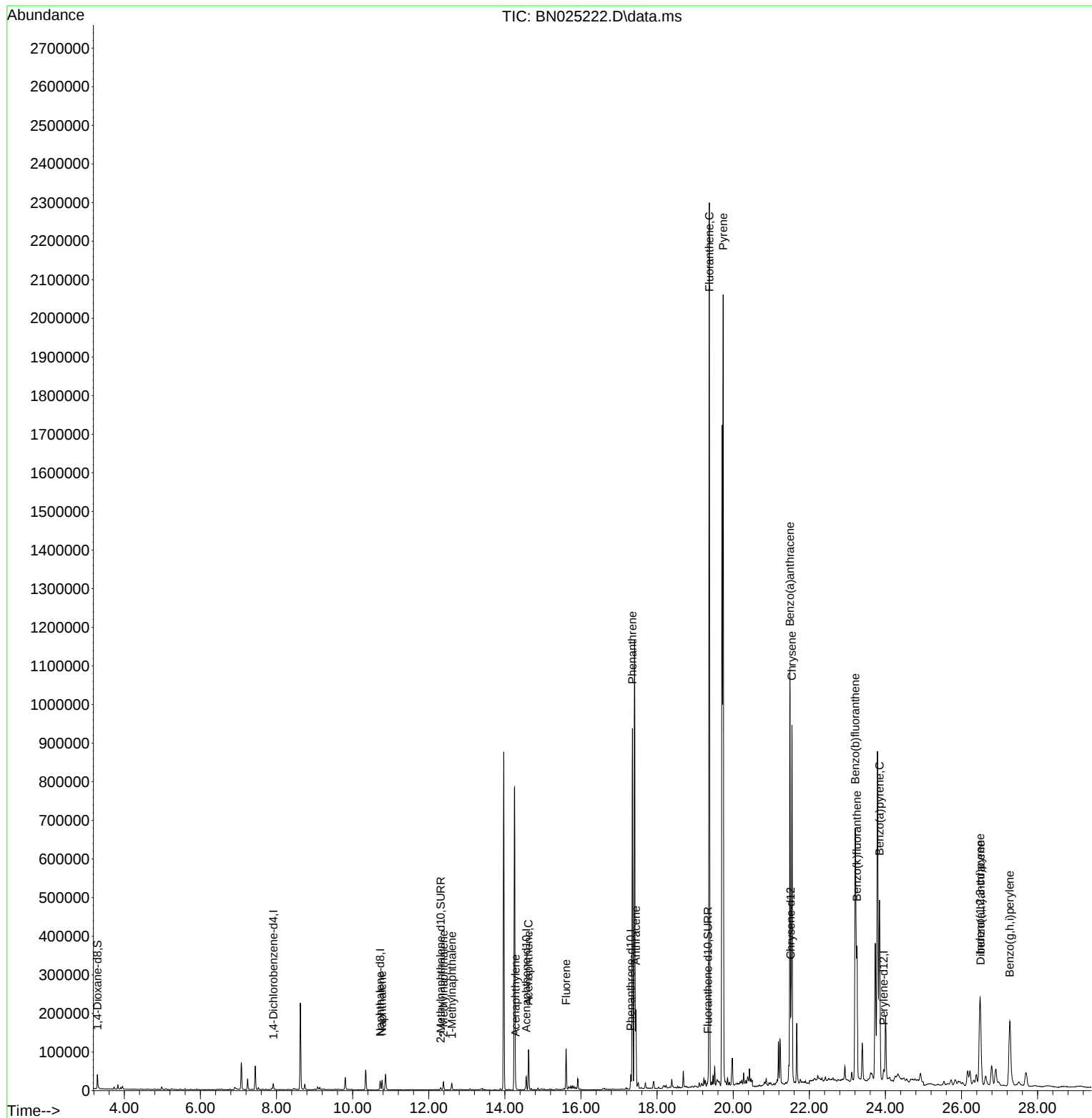
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025222.D
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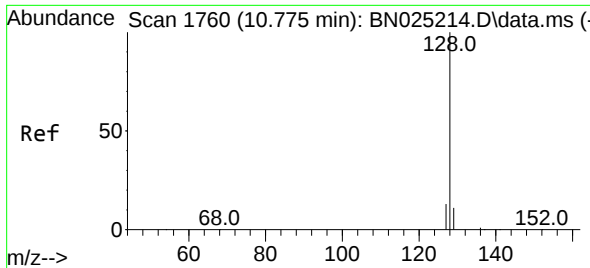
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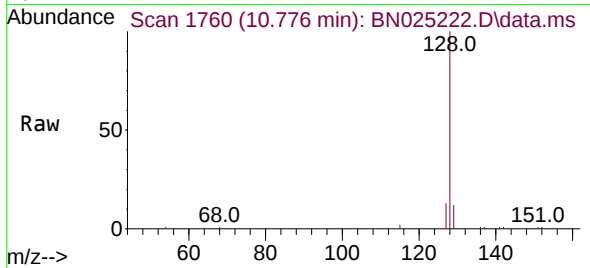
Quant Time: May 03 02:29:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.454 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

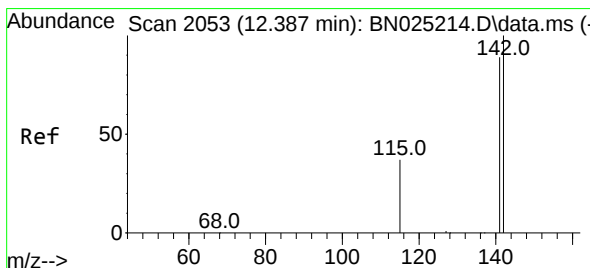
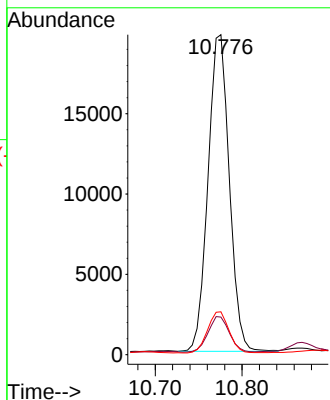
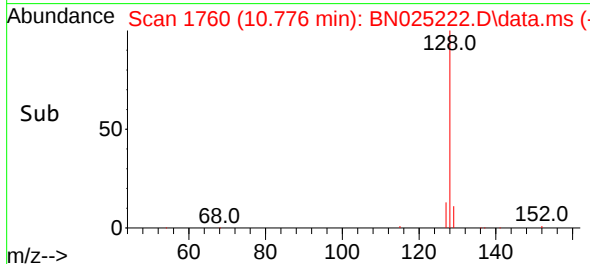
Instrument :
BNA_N
ClientSampleId :
EW930



Tgt Ion:128 Resp: 33569
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.4 10.7 16.1

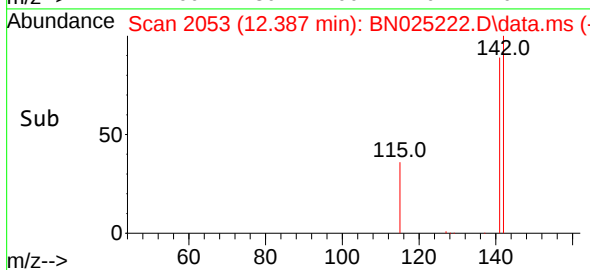
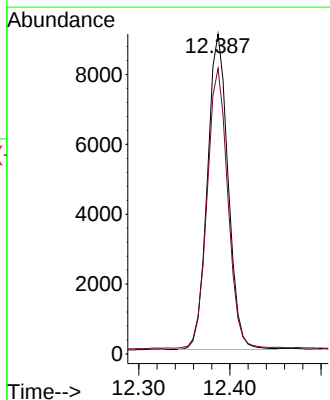
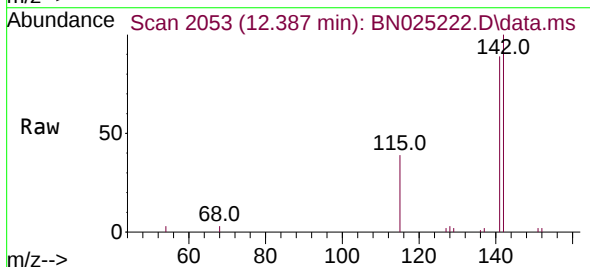
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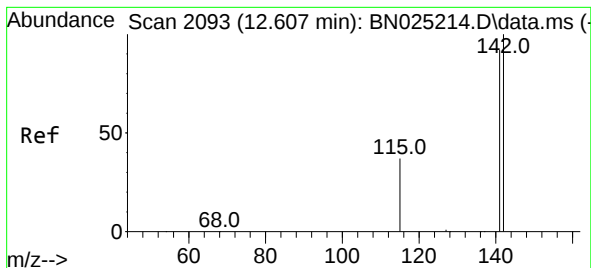
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

Tgt Ion:142 Resp: 14215
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.242 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN025222.D

Acq: 02 May 2023 16:12

Instrument :

BNA_N

ClientSampleId :

EW930

Tgt Ion:142 Resp: 11662

Ion Ratio Lower Upper

142 100

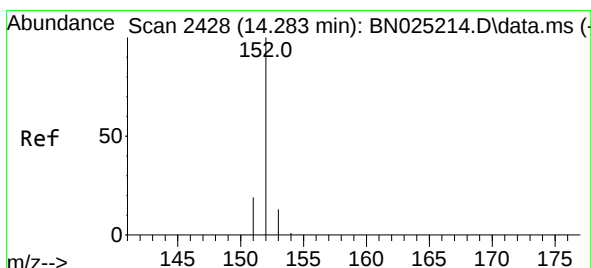
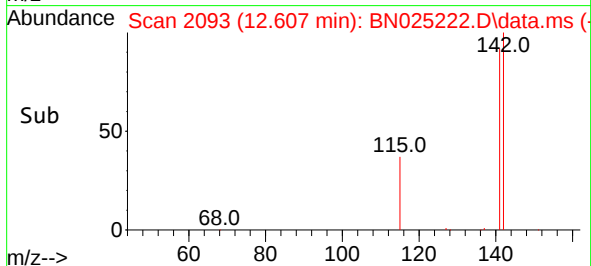
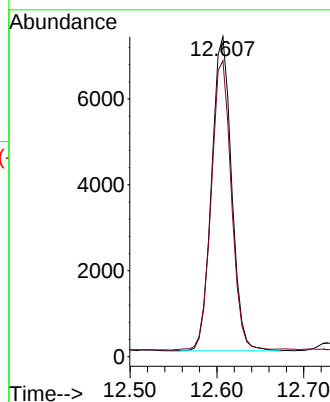
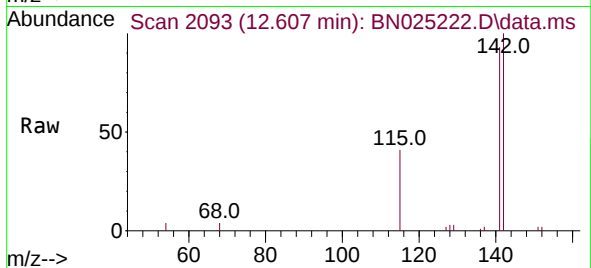
141 92.8 73.8 110.6

Manual Integrations

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#10

Acenaphthylene

Concen: 0.259 ng/ul

RT: 14.283 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BN025222.D

Acq: 02 May 2023 16:12

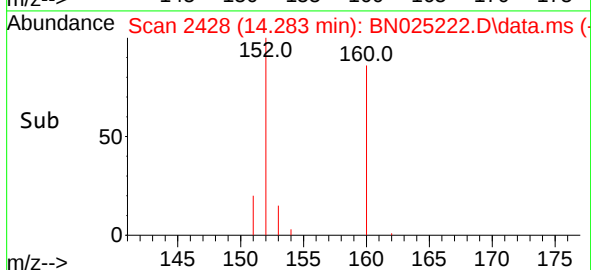
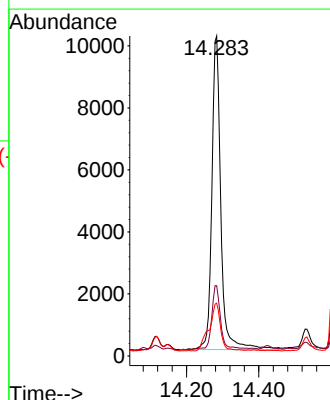
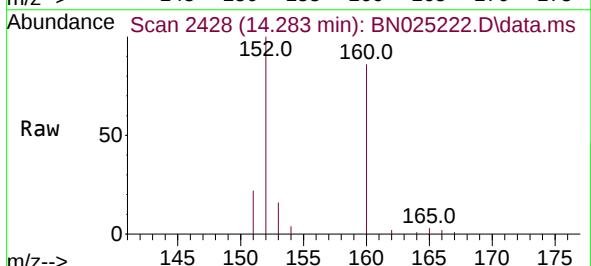
Tgt Ion:152 Resp: 17593

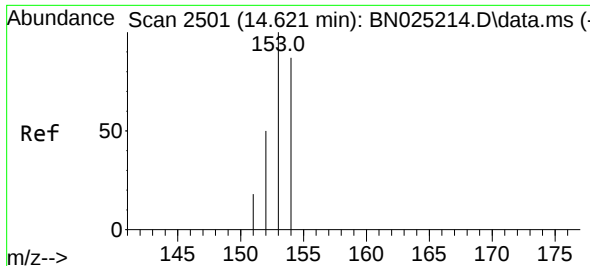
Ion Ratio Lower Upper

152 100

151 22.0 16.0 24.0

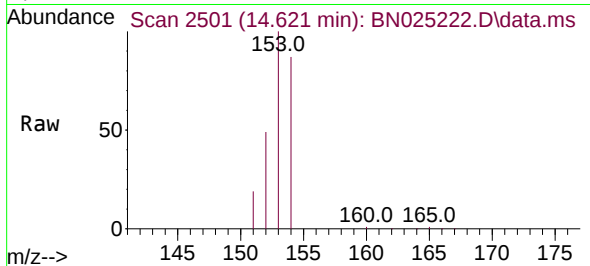
153 16.5 10.8 16.2#





#11
Acenaphthene
Concen: 1.065 ng/u1
RT: 14.621 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

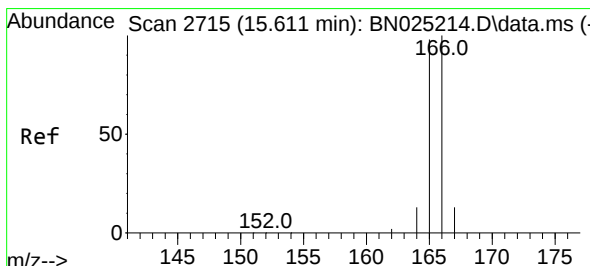
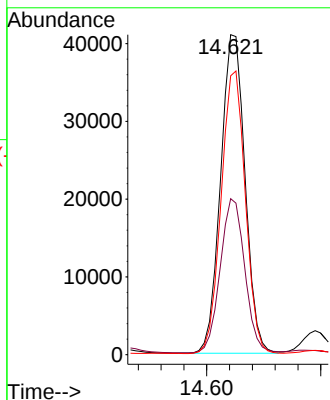
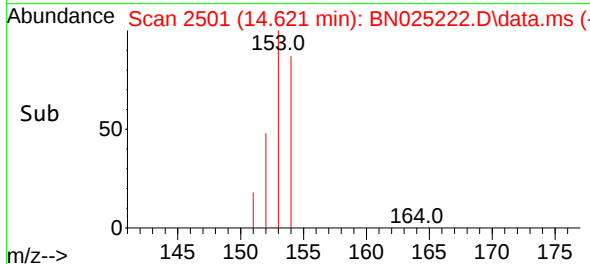
Instrument :
BNA_N
ClientSampleId :
EW930



Tgt Ion:153 Resp: 61020
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 87.1 69.4 104.2

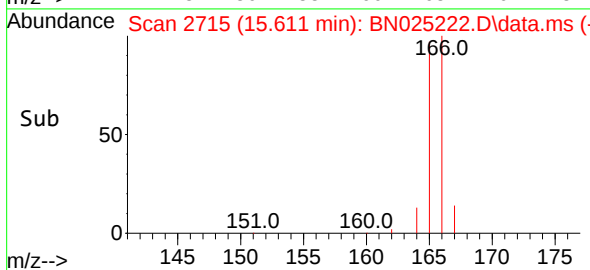
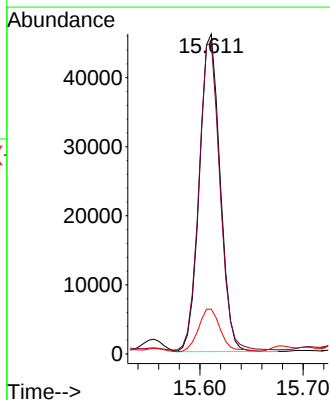
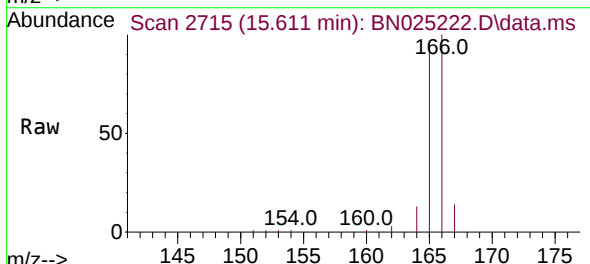
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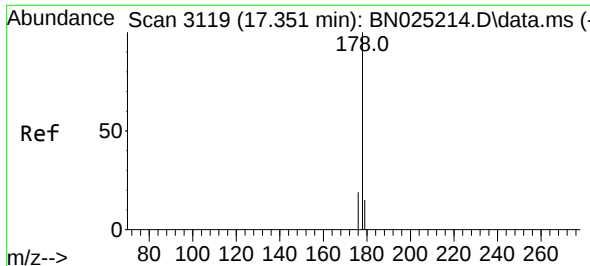
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12
Fluorene
Concen: 0.995 ng/u1
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

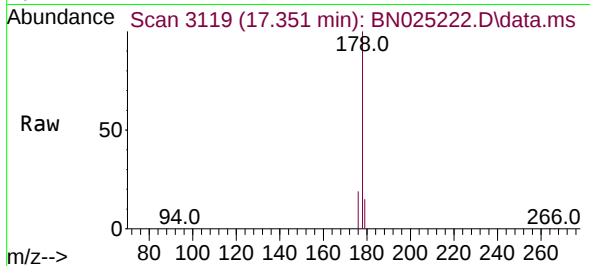
Tgt Ion:166 Resp: 63745
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 14.0 11.0 16.6





#15
Phenanthrene
Concen: 7.952 ng/u1
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

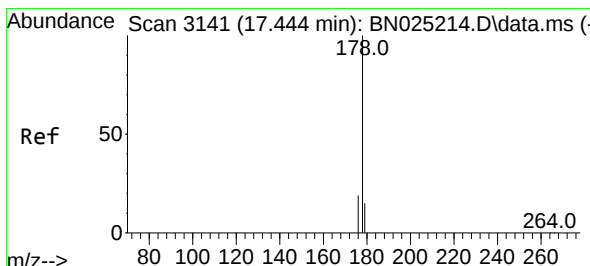
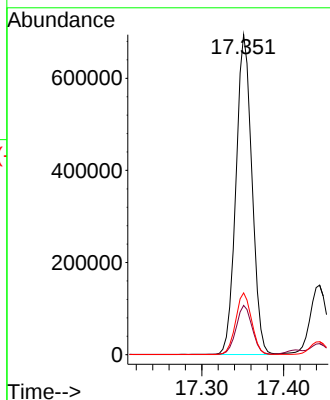
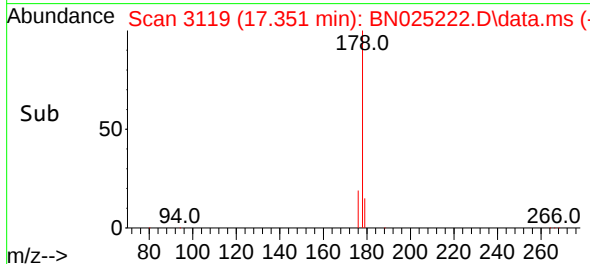
Instrument :
BNA_N
ClientSampleId :
EW930



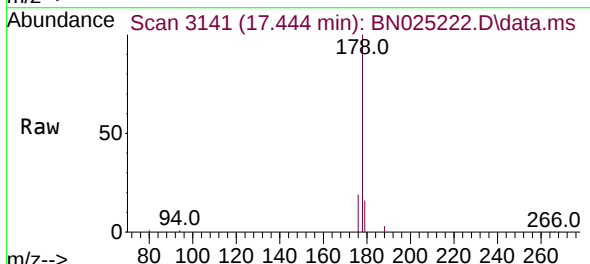
Tgt Ion:178 Resp: 938210
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.3 15.6 23.4

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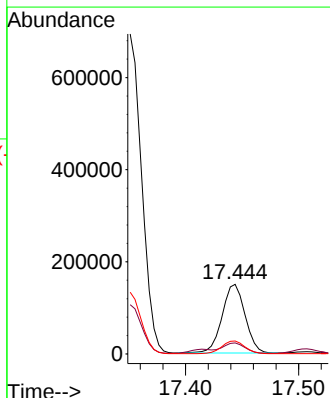
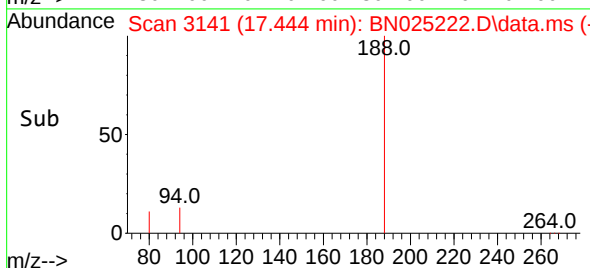
Reviewed By :Christian Giraldo 05/03/2023
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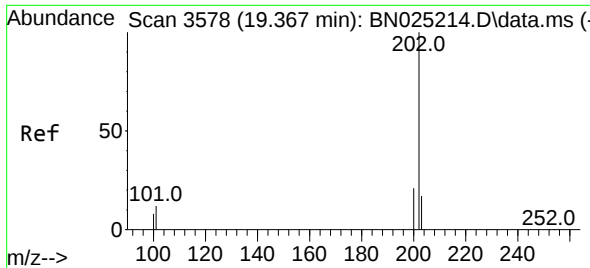


#16
Anthracene
Concen: 2.182 ng/u1
RT: 17.444 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12



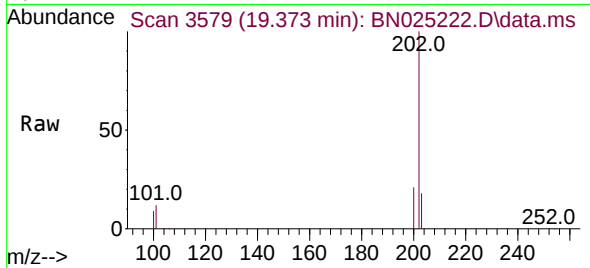
Tgt Ion:178 Resp: 210603
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 14.834 ng/u1
RT: 19.373 min Scan# 3579
Delta R.T. 0.005 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

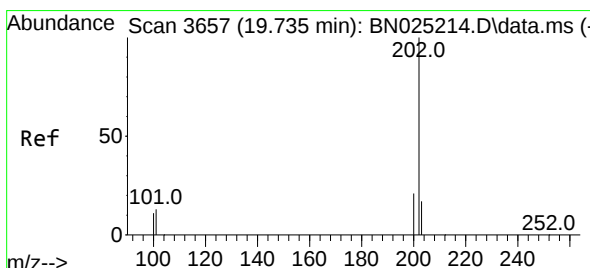
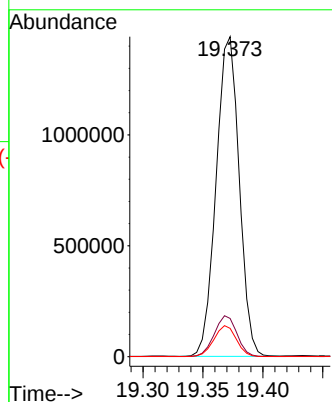
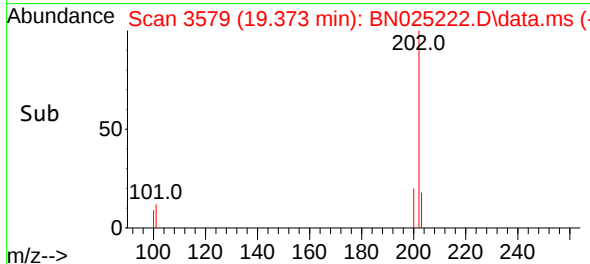
Instrument :
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ClientSampleId :
EW930



Tgt Ion:202 Resp: 1928189
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.9 7.3 10.9

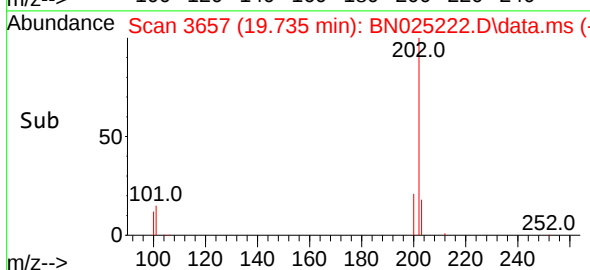
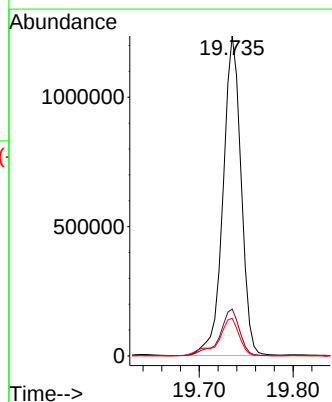
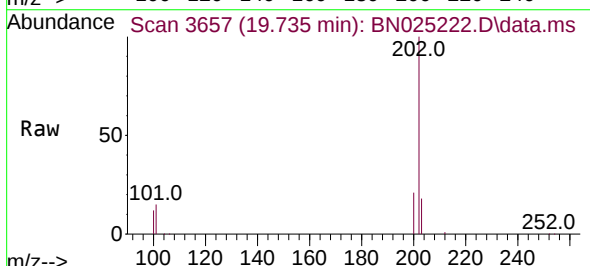
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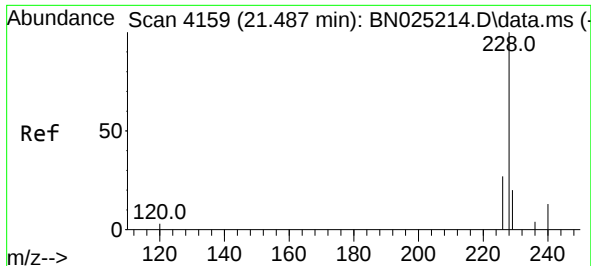
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#20
Pyrene
Concen: 12.355 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

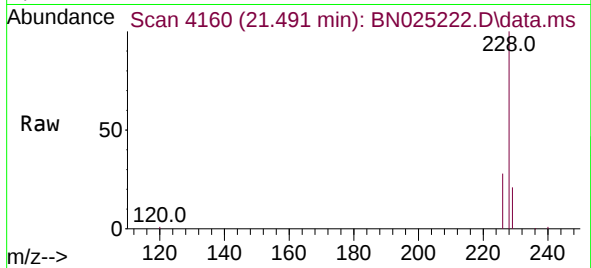
Tgt Ion:202 Resp: 1650130
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.8 9.2 13.8





#21
Benzo(a)anthracene
Concen: 8.048 ng/ul
RT: 21.491 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

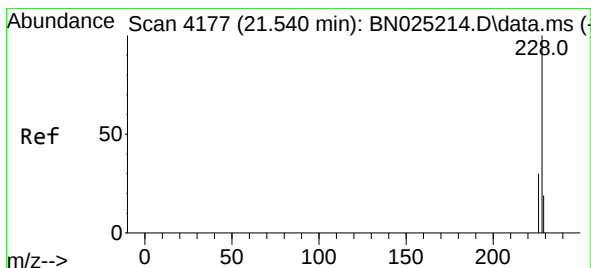
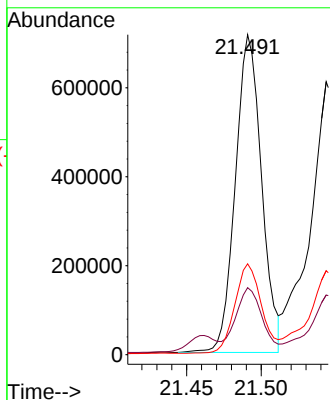
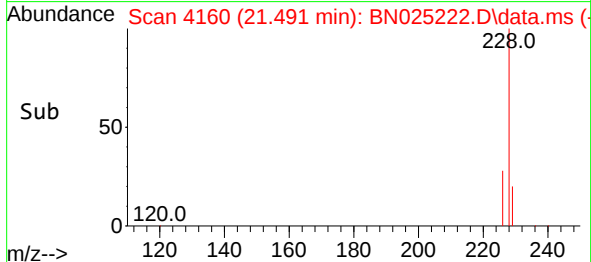
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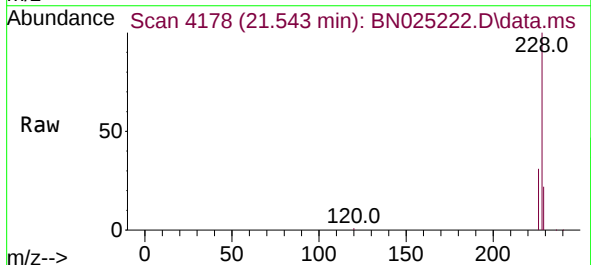
Tgt Ion:228 Resp: 871784
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.4 22.1 33.1

Manual Integrations
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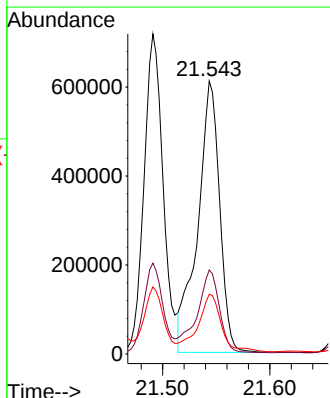
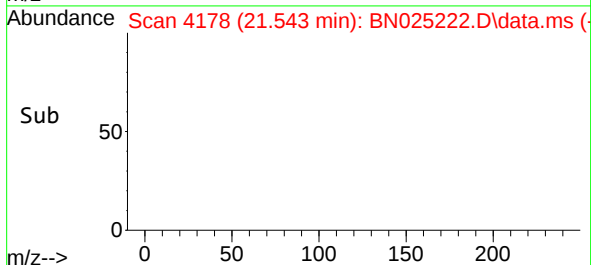
Reviewed By :Christian Giraldo 05/03/2023
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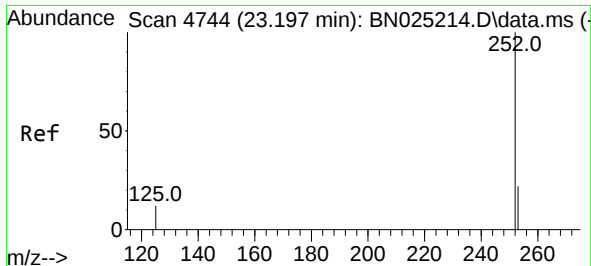


#22
Chrysene
Concen: 7.314 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12



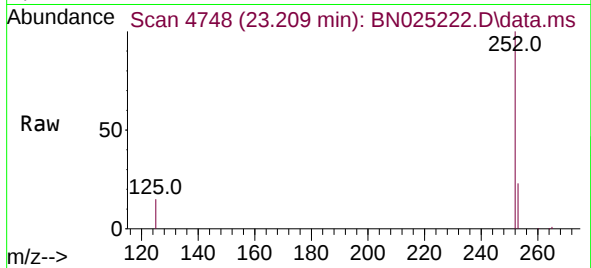
Tgt Ion:228 Resp: 864254
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.999 ng/ul m
RT: 23.209 min Scan# 4744
Delta R.T. 0.012 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

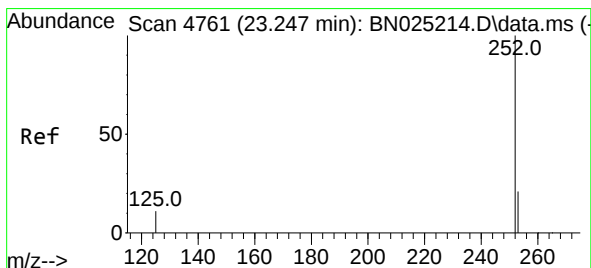
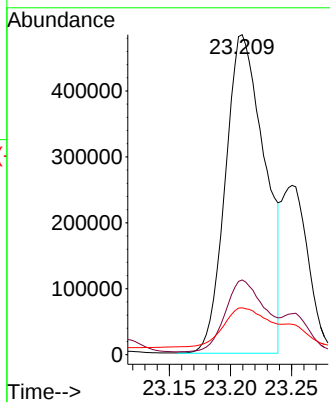
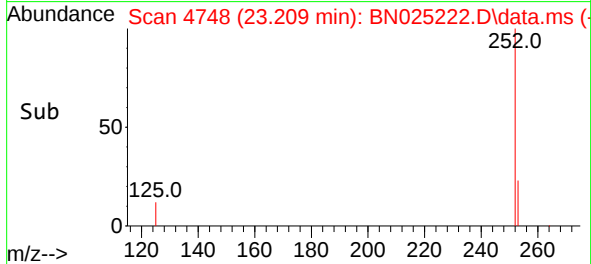
Instrument :
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ClientSampleId :
EW930



Tgt Ion:252 Resp: 108108
Ion Ratio Lower Upper
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253 23.3 0.0 50.2
125 14.7 0.0 30.4

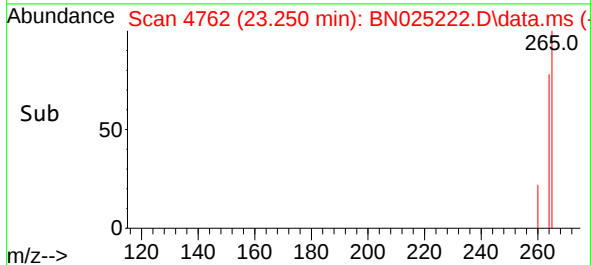
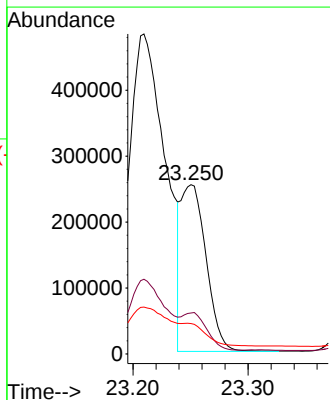
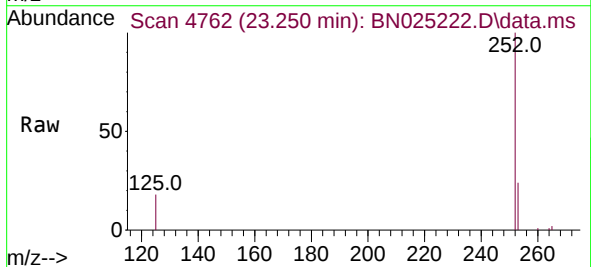
Manual Integrations
APPROVED

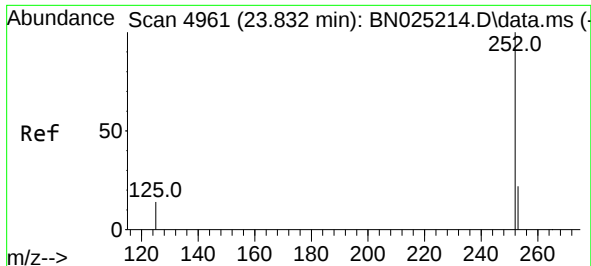
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#25
Benzo(k)fluoranthene
Concen: 2.952 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. 0.003 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

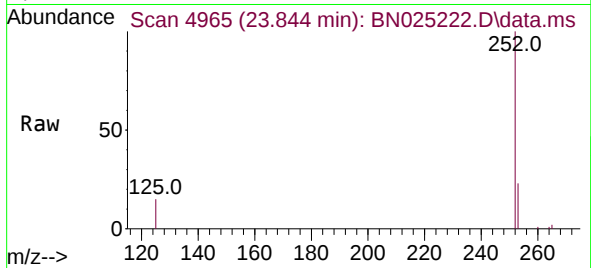
Tgt Ion:252 Resp: 383767
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.4
125 18.0 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 6.422 ng/ul
RT: 23.844 min Scan# 4961
Delta R.T. 0.012 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

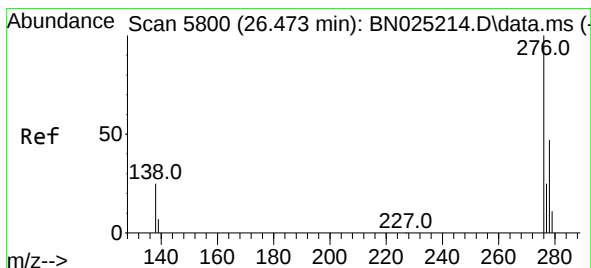
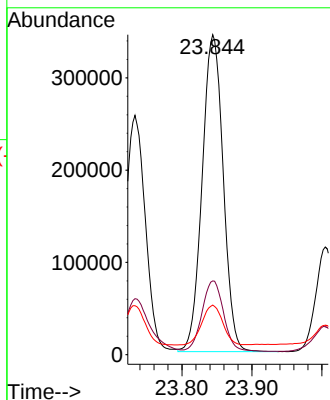
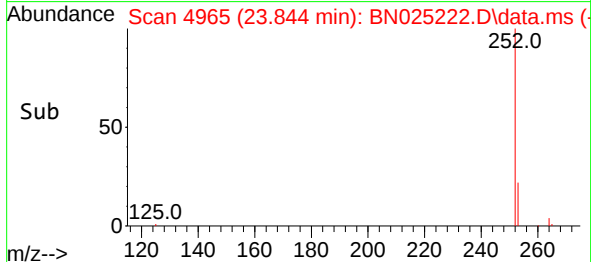
Instrument :
BNA_N
ClientSampleId :
EW930



Tgt Ion:252 Resp: 71809
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 15.5 14.6 22.0

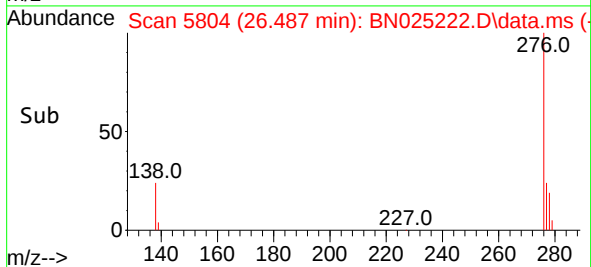
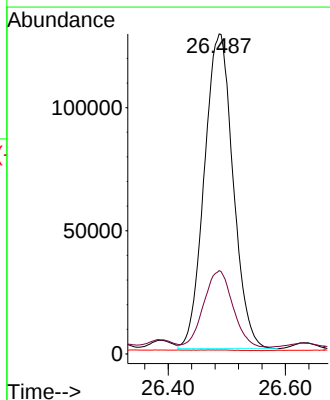
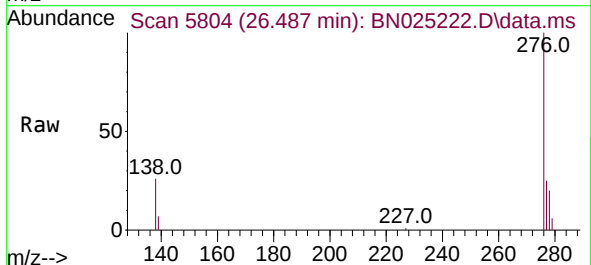
Manual Integrations
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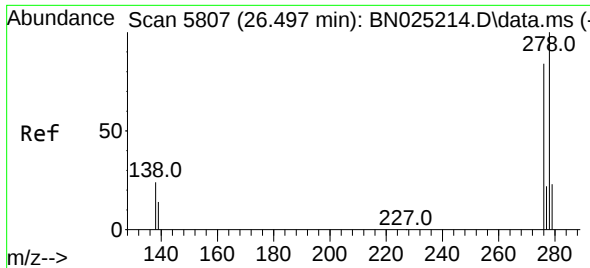
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.379 ng/ul
RT: 26.487 min Scan# 5804
Delta R.T. 0.014 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

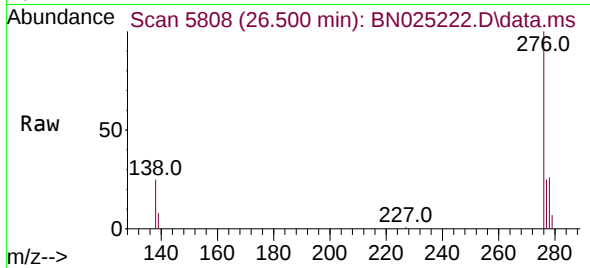
Tgt Ion:276 Resp: 435276
Ion Ratio Lower Upper
276 100
138 24.5 21.9 32.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.079 ng/ul
RT: 26.500 min Scan# 5808
Delta R.T. 0.004 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12

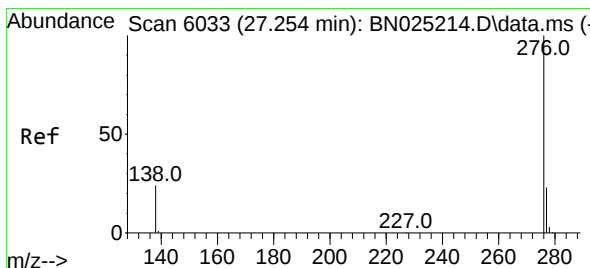
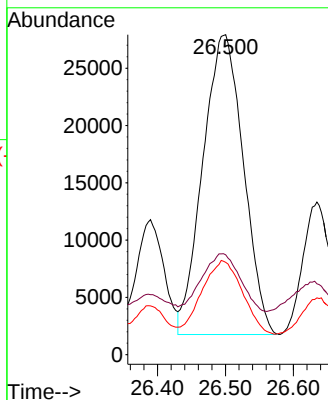
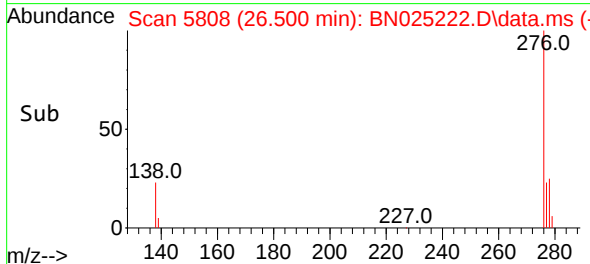
Instrument :
BNA_N
ClientSampleId :
EW930



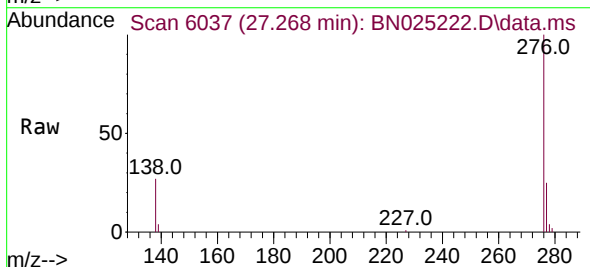
Tgt Ion:278 Resp: 108542
Ion Ratio Lower Upper
278 100
139 31.2 17.0 25.6
279 28.8 21.8 32.8

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Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#29
Benzo(g,h,i)perylene
Concen: 3.676 ng/ul
RT: 27.268 min Scan# 6037
Delta R.T. 0.014 min
Lab File: BN025222.D
Acq: 02 May 2023 16:12



Tgt Ion:276 Resp: 402746
Ion Ratio Lower Upper
276 100
138 27.1 20.3 30.5
277 24.6 19.8 29.6

