

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032861.D
 Acq On : 20 Jul 2024 03:50
 Operator : MA/JU
 Sample : P3178-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 20 04:17:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	4177	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	13536	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	7347	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	12840m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	10092m	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	10837m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	14722	2.935	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4536	0.222	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	7395	0.225	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	4225	0.116	ng/ul#	97
7) 2-Methylnaphthalene	11.977	142	1451	0.064	ng/ul	95
8) 1-Methylnaphthalene	12.202	142	805	0.034	ng/ul	98
10) Acenaphthylene	13.897	152	5167	0.174	ng/ul	93
11) Acenaphthene	14.244	153	1350	0.055	ng/ul	97
12) Fluorene	15.238	166	1837	0.065	ng/ul#	95
15) Phenanthrene	16.982	178	26553m	0.759	ng/ul	
16) Anthracene	17.071	178	7142m	0.250	ng/ul	
19) Fluoranthene	19.013	202	57236	1.395	ng/ul	99
20) Pyrene	19.375	202	55860	1.315	ng/ul	99
21) Benzo(a)anthracene	21.141	228	29416	0.916	ng/ul#	92
22) Chrysene	21.191	228	33484	0.721	ng/ul#	93
24) Benzo(b)fluoranthene	22.690	252	47547m	1.243	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	18841m	0.404	ng/ul	
26) Benzo(a)pyrene	23.245	252	34162	1.032	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.552	276	27973	0.624	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.549	278	6772	0.195	ng/ul#	41
29) Benzo(g,h,i)perylene	26.230	276	28455	0.760	ng/ul	94

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

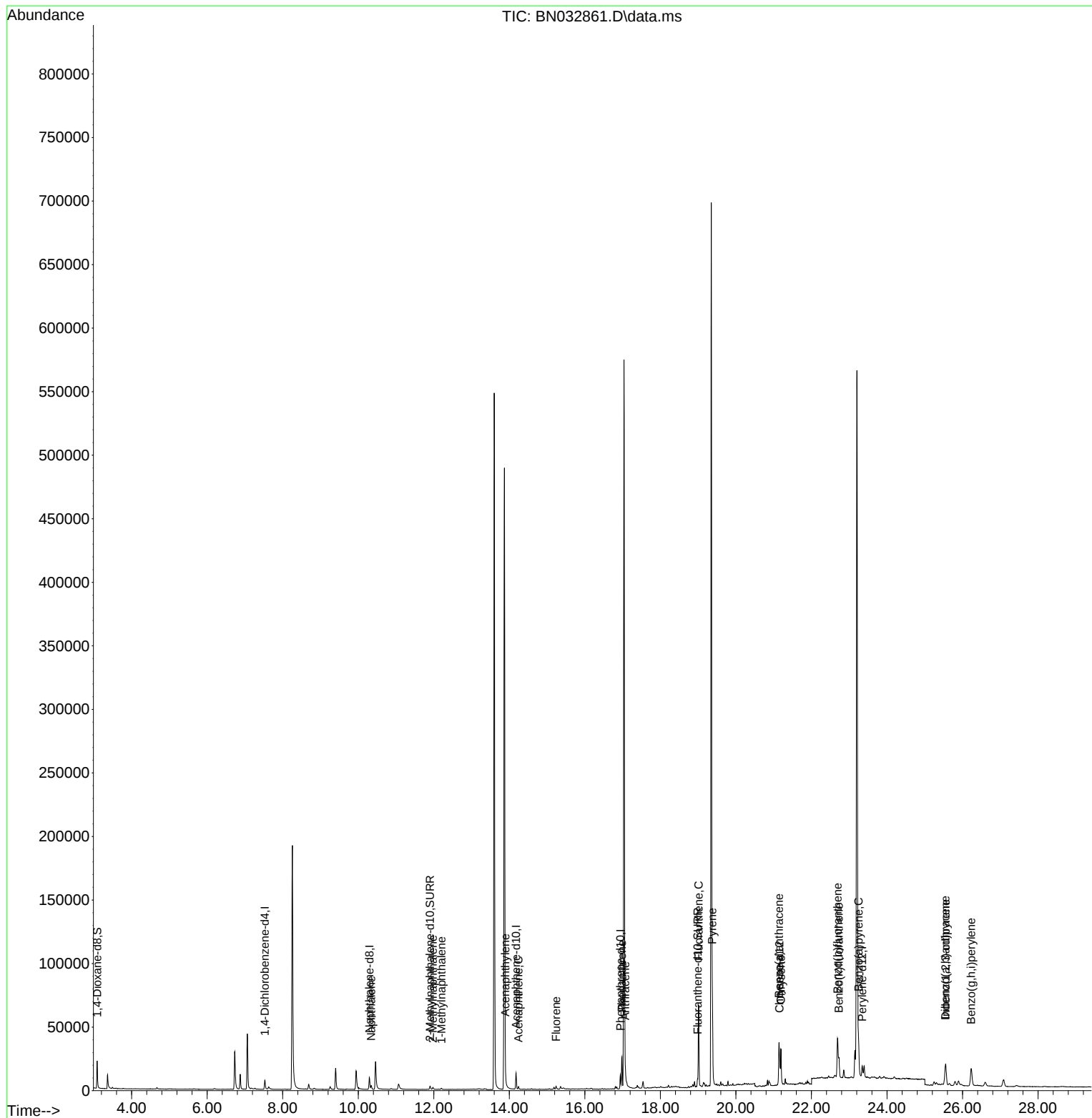
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032861.D
Acq On : 20 Jul 2024 03:50
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ALS Vial : 25 Sample Multiplier: 1

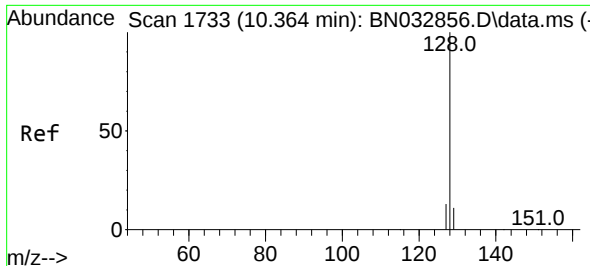
Instrument :
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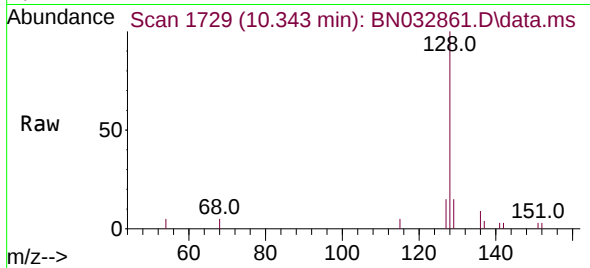
Quant Time: Jul 20 04:17:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

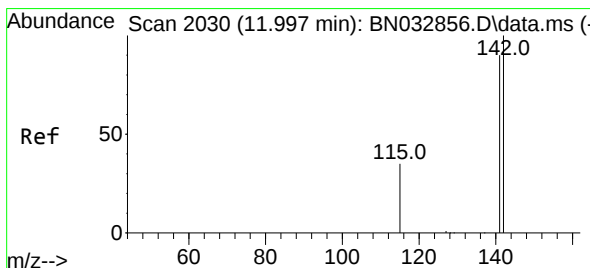
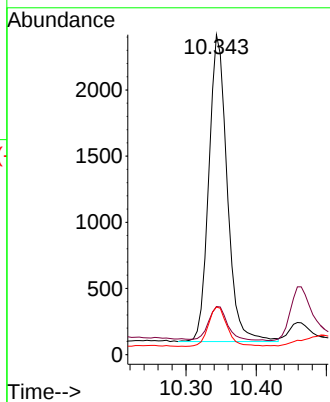
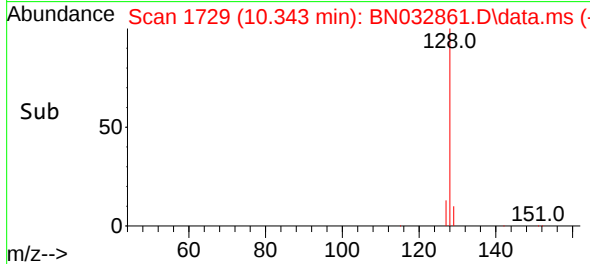
Instrument :
BNA_N
ClientSampleId :
A4BT5



Tgt Ion:128 Resp: 4225
Ion Ratio Lower Upper
128 100
129 15.0 10.0 15.0
127 14.9 11.6 17.4

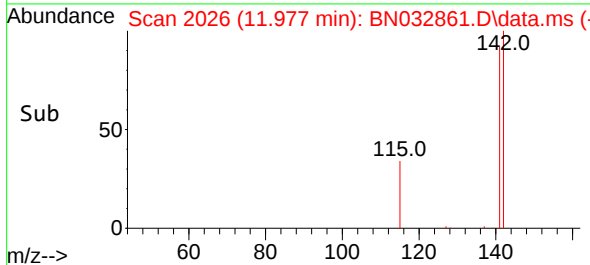
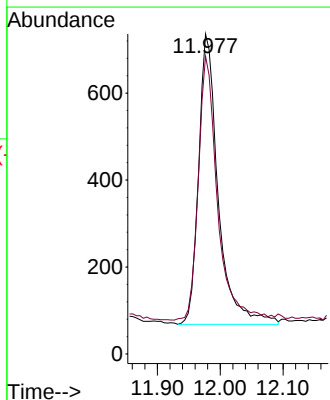
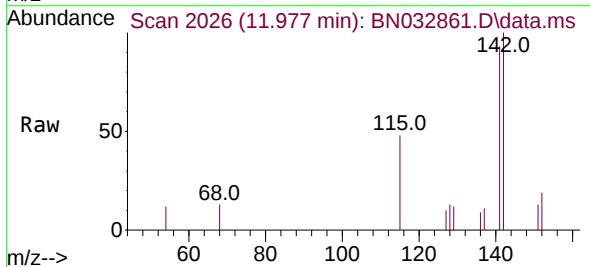
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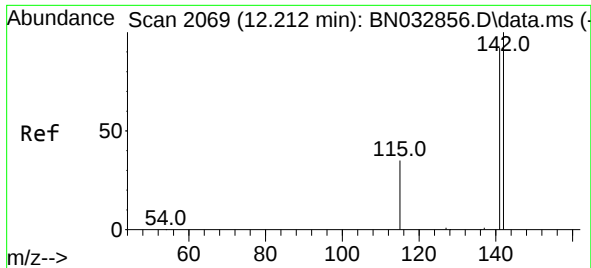
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.021 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

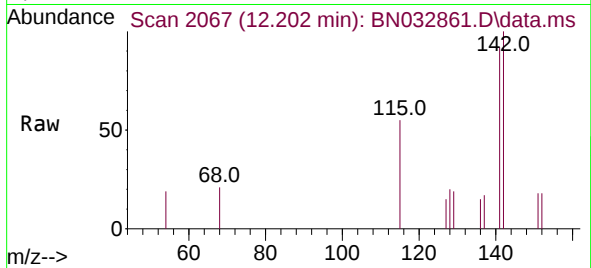
Tgt Ion:142 Resp: 1451
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.009 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

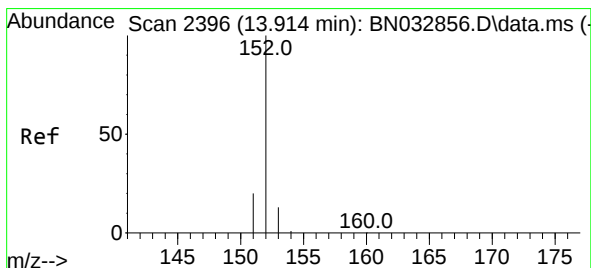
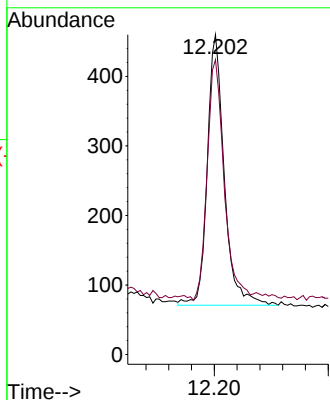
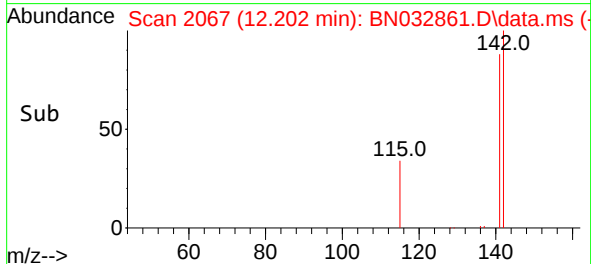
Instrument :
BNA_N
ClientSampleId :
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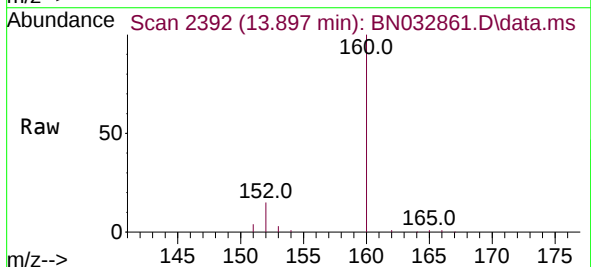
Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
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141 91.8 75.0 112.4

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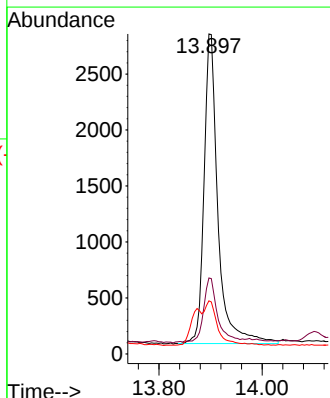
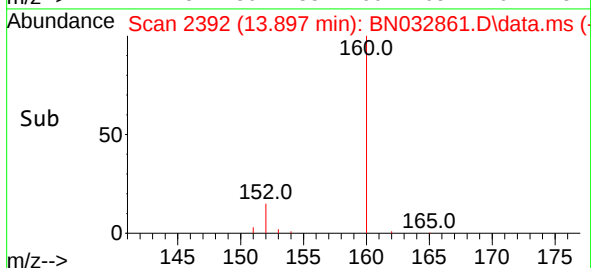
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

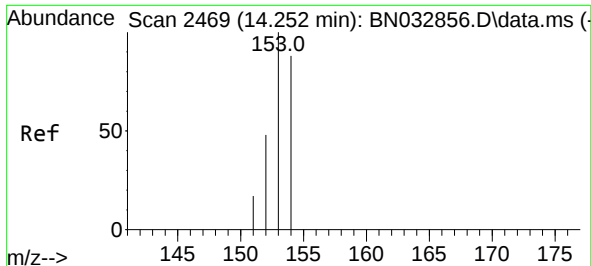


#10
Acenaphthylene
Concen: 0.174 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50



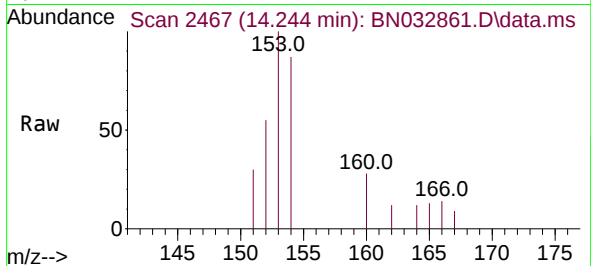
Tgt Ion:152 Resp: 5167
Ion Ratio Lower Upper
152 100
151 23.8 16.3 24.5
153 16.6 11.3 16.9





#11
Acenaphthene
Concen: 0.055 ng/u1
RT: 14.244 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

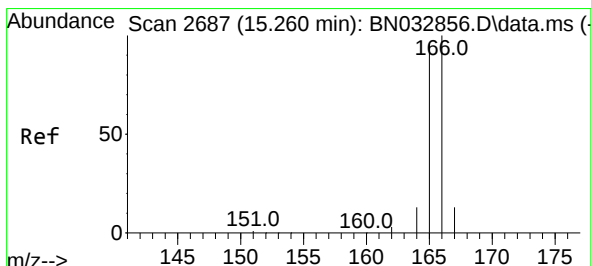
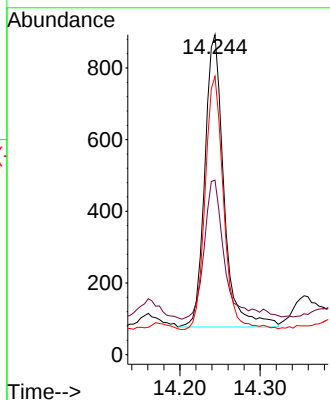
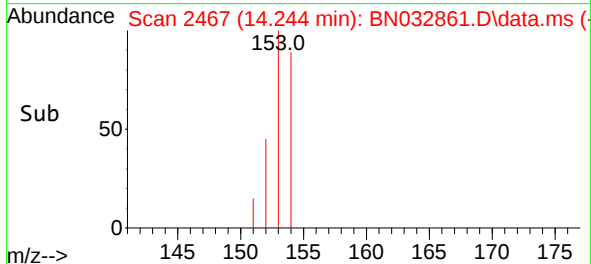
Instrument :
BNA_N
ClientSampleId :
A4BT5



Tgt Ion:153 Resp: 1350
Ion Ratio Lower Upper
153 100
152 54.5 40.0 60.0
154 87.0 70.2 105.4

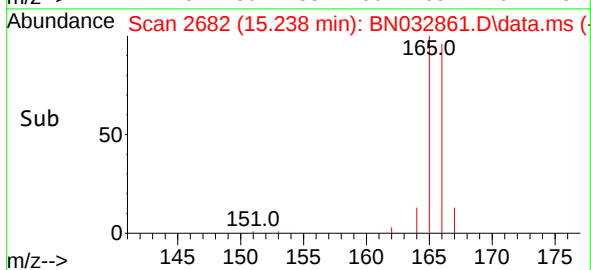
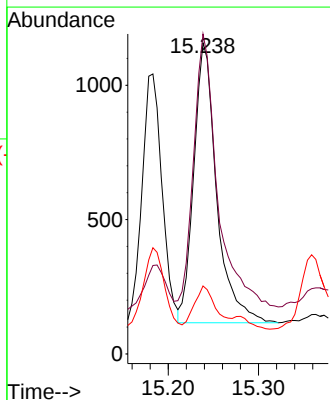
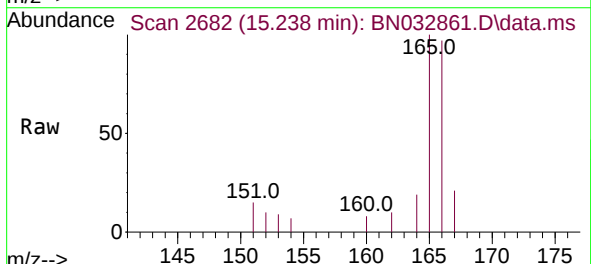
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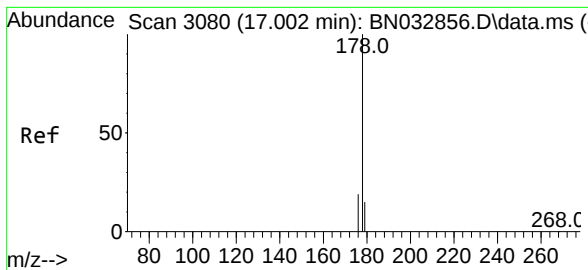
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.065 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

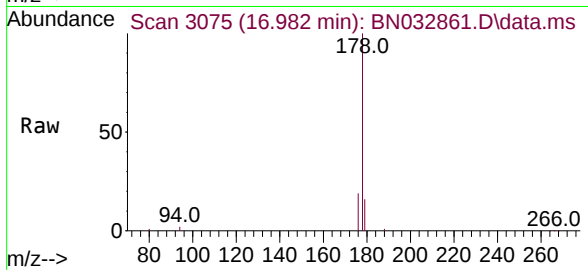
Tgt Ion:166 Resp: 1837
Ion Ratio Lower Upper
166 100
165 102.8 79.7 119.5
167 21.8 11.4 17.2#





#15
Phenanthrene
Concen: 0.759 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.020 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

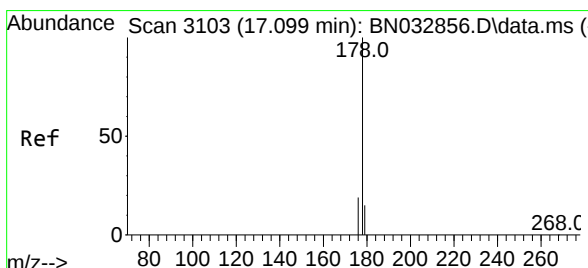
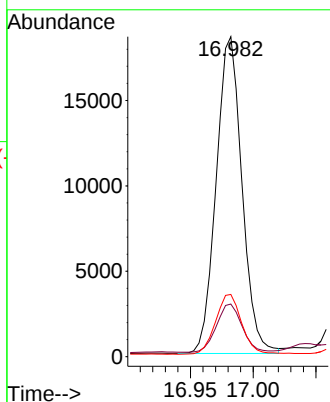
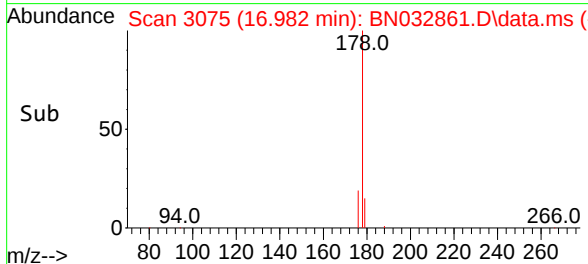
Instrument :
BNA_N
ClientSampleId :
A4BT5



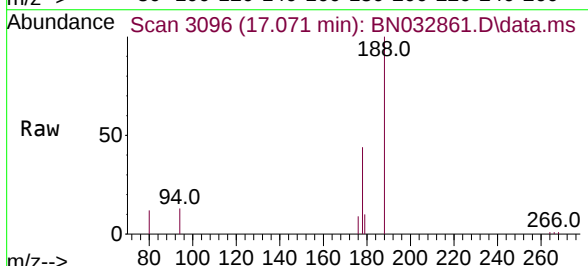
Tgt Ion:178 Resp: 2655
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.4 15.6 23.4

Manual Integrations
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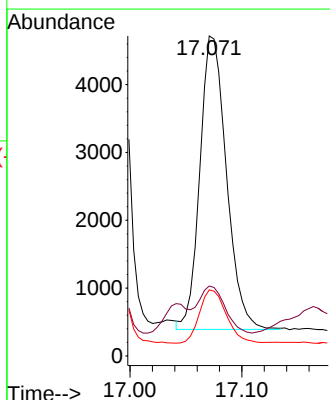
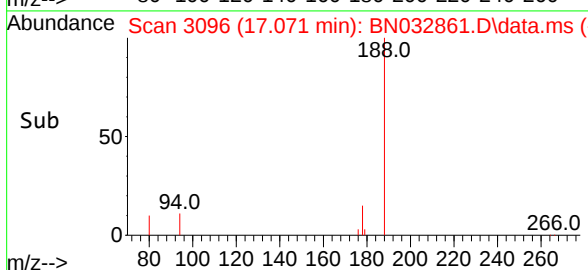
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

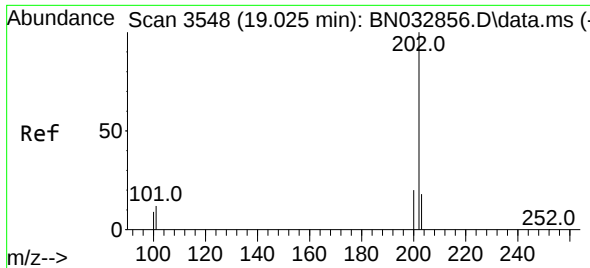


#16
Anthracene
Concen: 0.250 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50



Tgt Ion:178 Resp: 7142
Ion Ratio Lower Upper
178 100
179 21.8 13.4 20.2#
176 20.6 15.4 23.0





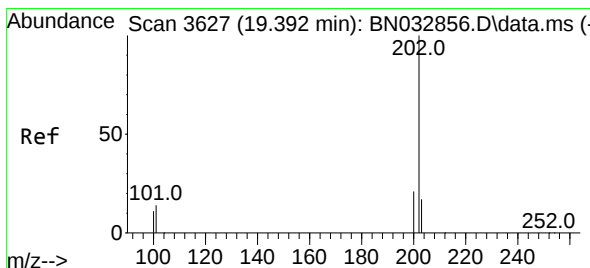
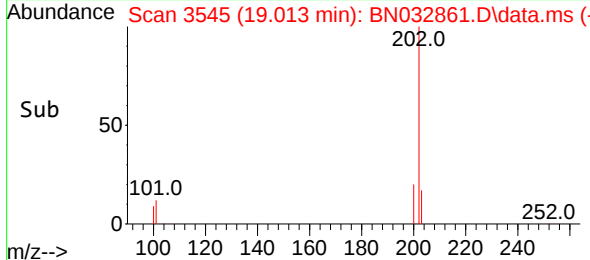
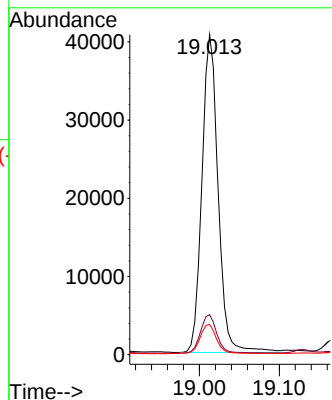
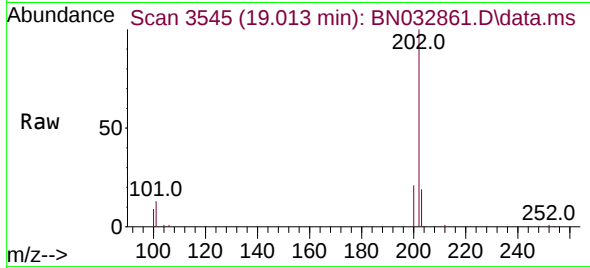
#19
Fluoranthene
Concen: 1.395 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

Instrument :
BNA_N
ClientSampleId :
A4BT5

Tgt Ion:202 Resp: 57230
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.5 7.9 11.9

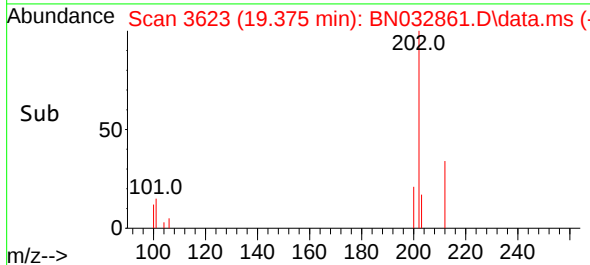
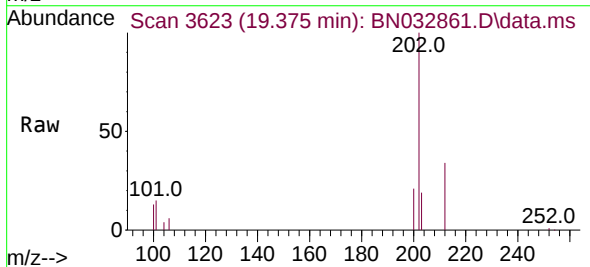
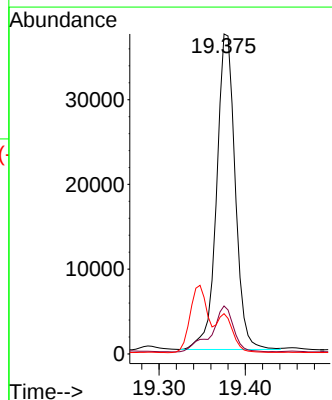
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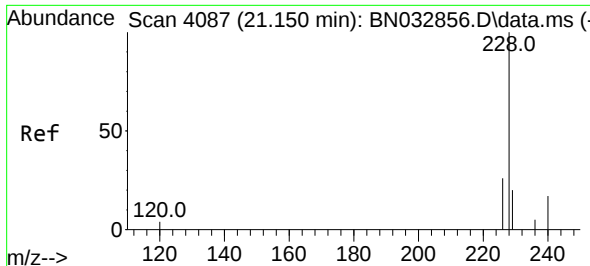
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 1.315 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

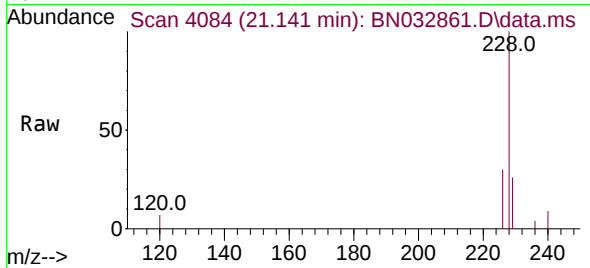
Tgt Ion:202 Resp: 55860
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 12.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.916 ng/ul
RT: 21.141 min Scan# 4087
Delta R.T. -0.009 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

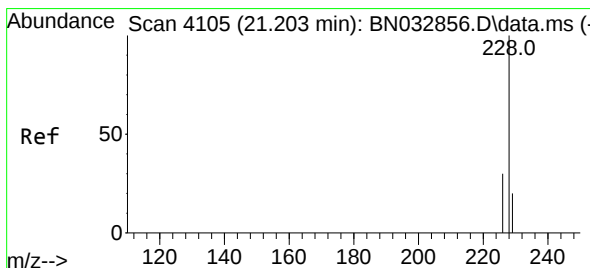
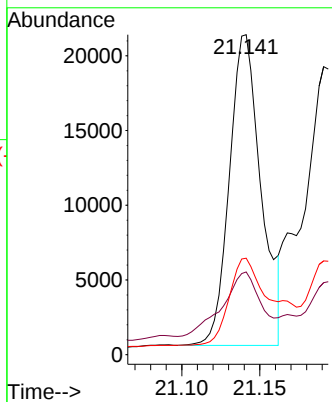
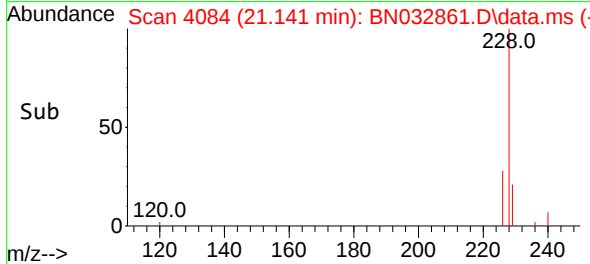
Instrument :
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Tgt Ion:228 Resp: 29410
Ion Ratio Lower Upper
228 100
229 25.8 16.1 24.1
226 30.1 21.9 32.9

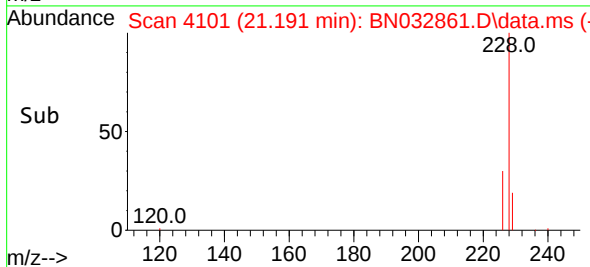
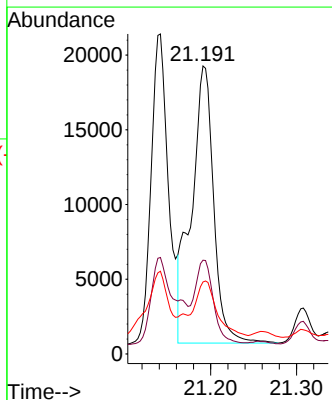
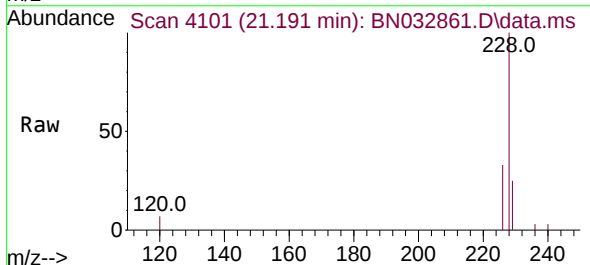
Manual Integrations
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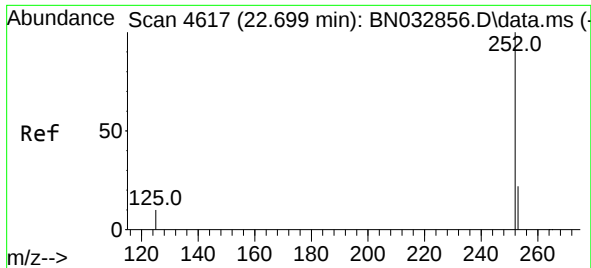
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 0.721 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

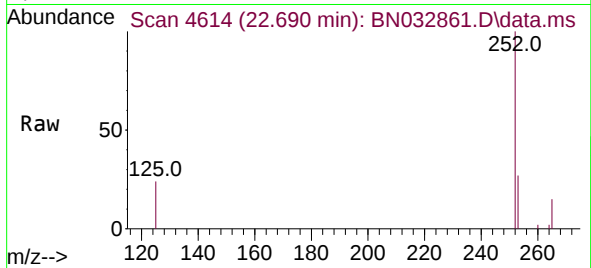
Tgt Ion:228 Resp: 33484
Ion Ratio Lower Upper
228 100
226 32.6 24.0 36.0
229 25.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.243 ng/ul m
RT: 22.690 min Scan# 4617
Delta R.T. -0.009 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

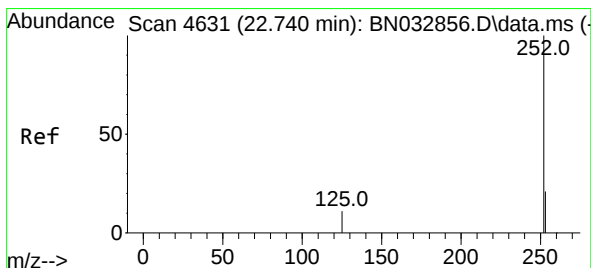
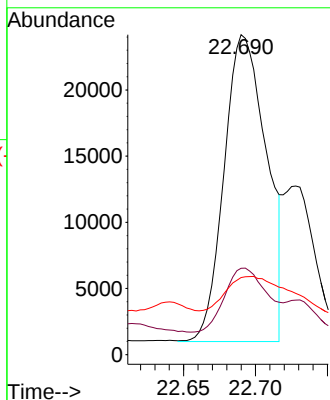
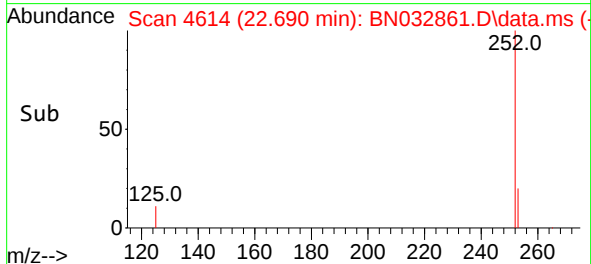
Instrument :
BNA_N
ClientSampleId :
A4BT5



Tgt Ion:252 Resp: 4754
Ion Ratio Lower Upper
252 100
253 27.0 0.0 54.0
125 24.1 0.0 36.0

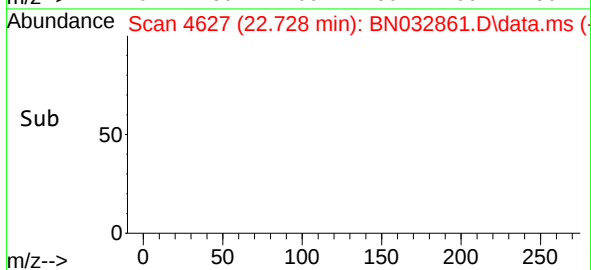
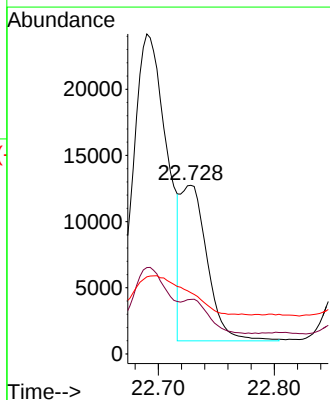
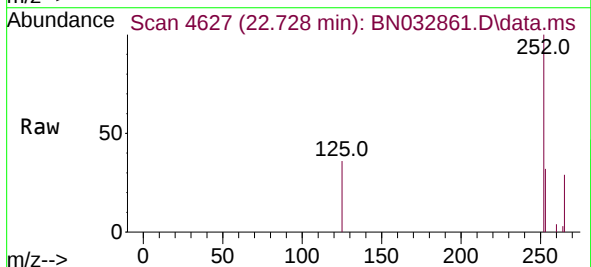
Manual Integrations
APPROVED

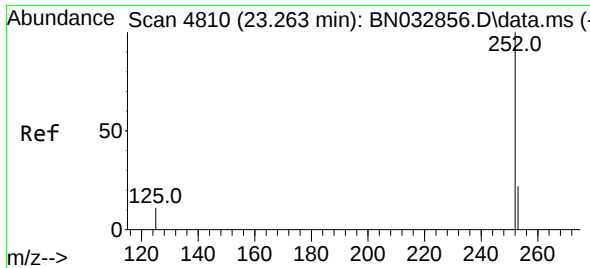
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

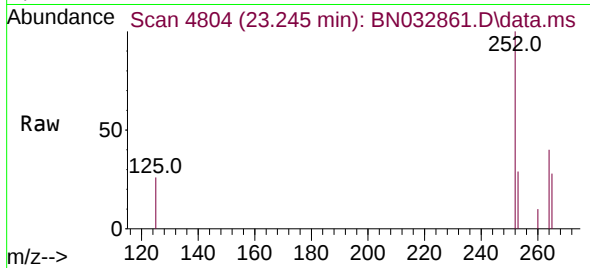
Tgt Ion:252 Resp: 18841
Ion Ratio Lower Upper
252 100
253 32.3 21.2 31.8#
125 36.4 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.032 ng/ul
RT: 23.245 min Scan# 4810
Delta R.T. -0.018 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

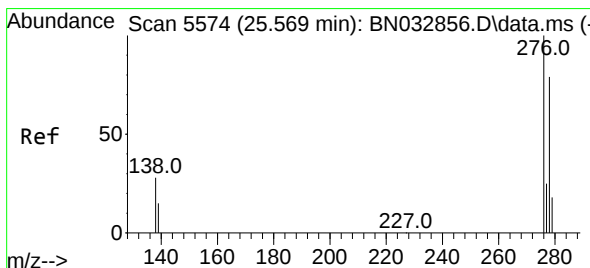
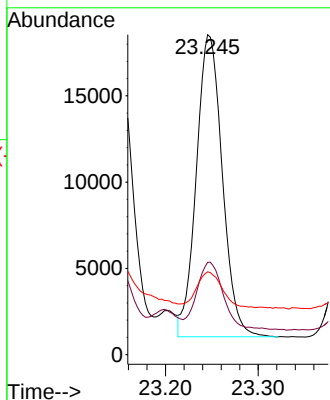
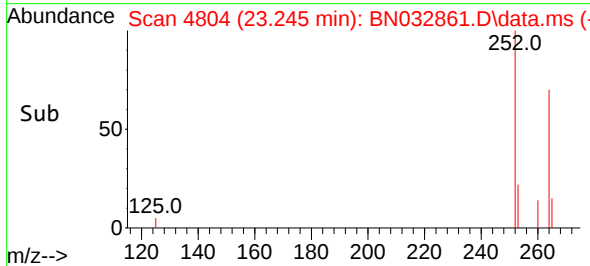
Instrument :
BNA_N
ClientSampleId :
A4BT5



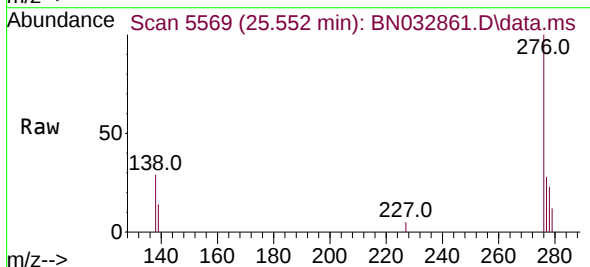
Tgt Ion:252 Resp: 34162
Ion Ratio Lower Upper
252 100
253 28.8 25.4 38.0
125 25.9 20.6 30.8

Manual Integrations
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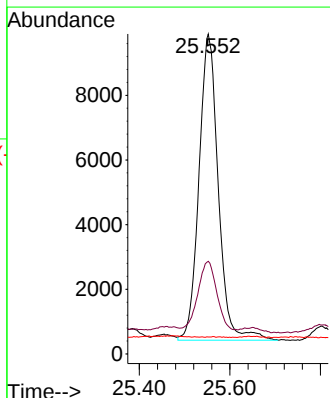
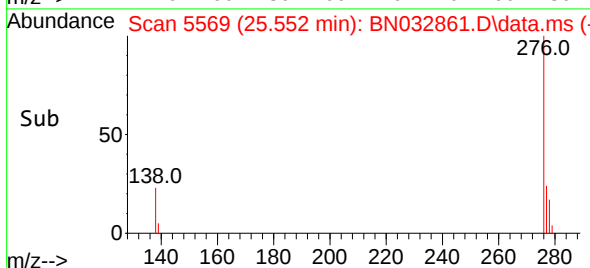
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

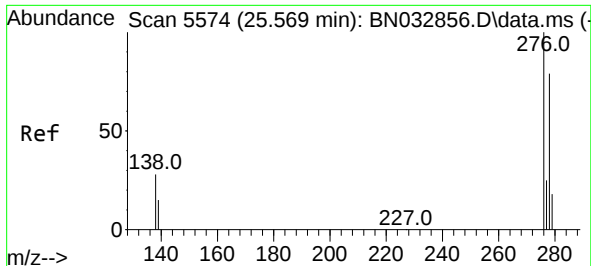


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.624 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50



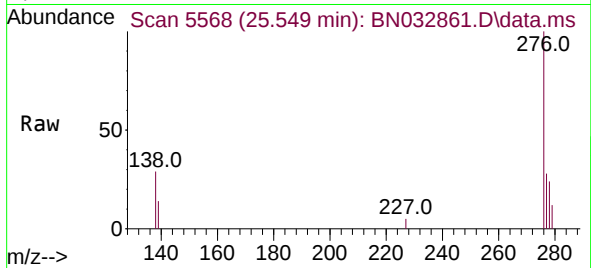
Tgt Ion:276 Resp: 27973
Ion Ratio Lower Upper
276 100
138 21.6 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

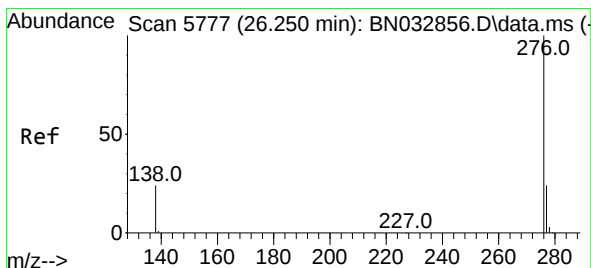
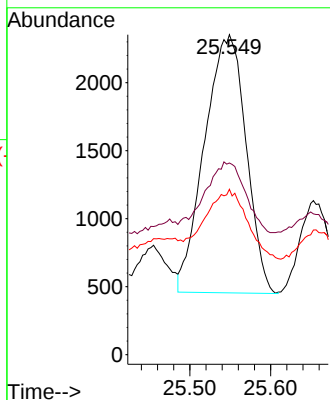
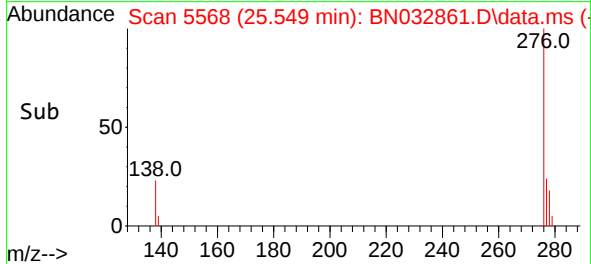
Instrument :
BNA_N
ClientSampleId :
A4BT5



Tgt Ion:278 Resp: 6772
Ion Ratio Lower Upper
278 100
139 59.9 16.6 24.8
279 51.7 23.7 35.5

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.760 ng/ul
RT: 26.230 min Scan# 5771
Delta R.T. -0.020 min
Lab File: BN032861.D
Acq: 20 Jul 2024 03:50

Tgt Ion:276 Resp: 28455
Ion Ratio Lower Upper
276 100
138 29.9 21.0 31.4
277 28.2 20.6 31.0

