

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032940.D
 Acq On : 24 Jul 2024 09:58
 Operator : MA/JU
 Sample : P3215-19DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 12:22:36 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	7.523	152	5129	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	17882	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	10322	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	16972	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	13198	0.400	ng/ul	# 0.00
23) Perylene-d12	23.354	264	15372m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	4285	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	1430	0.053	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	2277	0.053	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	7689	0.160	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	2810	0.094	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	2134	0.069	ng/ul	99
10) Acenaphthylene	13.897	152	9139	0.219	ng/ul	98
11) Acenaphthene	14.234	153	10412	0.302	ng/ul	98
12) Fluorene	15.238	166	11694	0.297	ng/ul	98
15) Phenanthrene	16.978	178	201158	4.352	ng/ul	99
16) Anthracene	17.071	178	38261	1.013	ng/ul	98
19) Fluoranthene	19.013	202	290630	5.416	ng/ul	97
20) Pyrene	19.380	202	220314	3.967	ng/ul	96
21) Benzo(a)anthracene	21.141	228	134661	3.205	ng/ul	99
22) Chrysene	21.194	228	137892	2.269	ng/ul	98
24) Benzo(b)fluoranthene	22.696	252	175790m	3.241	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	59743m	0.904	ng/ul	
26) Benzo(a)pyrene	23.257	252	75399	1.606	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.562	276	65076	1.024	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.555	278	22427	0.455	ng/ul#	81
29) Benzo(g,h,i)perylene	26.250	276	9025	0.170	ng/ul#	58

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

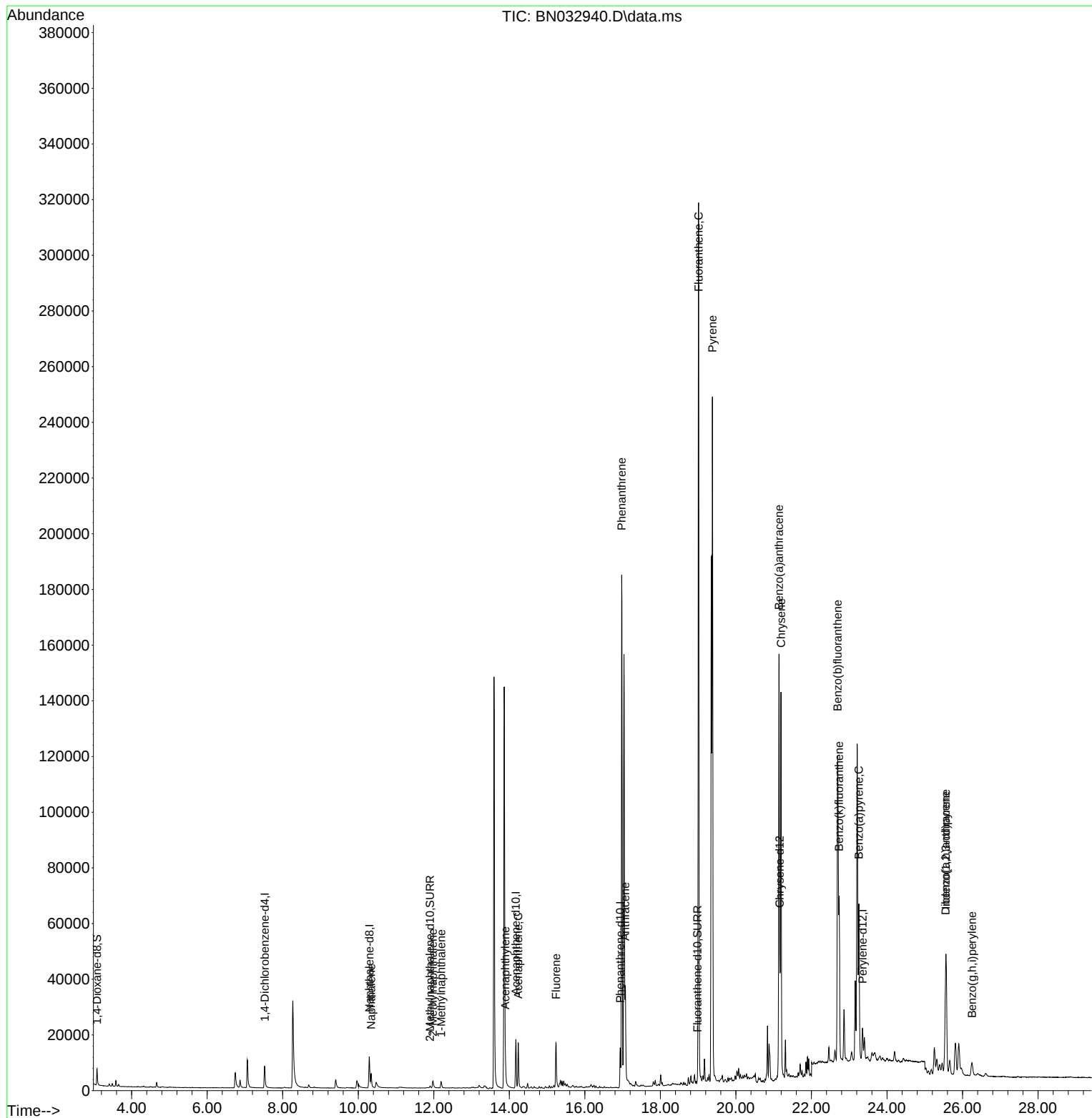
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032940.D
Acq On : 24 Jul 2024 09:58
Operator : MA/JU
Sample : P3215-19DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

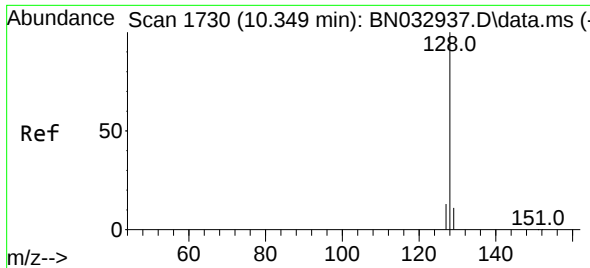
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

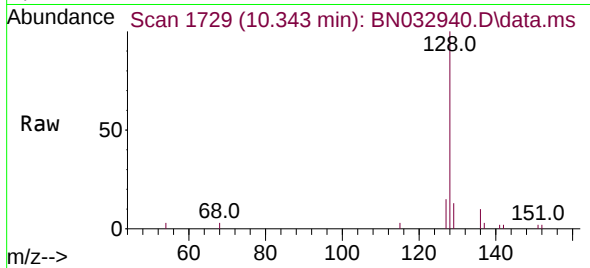
Quant Time: Jul 24 12:22:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.160 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

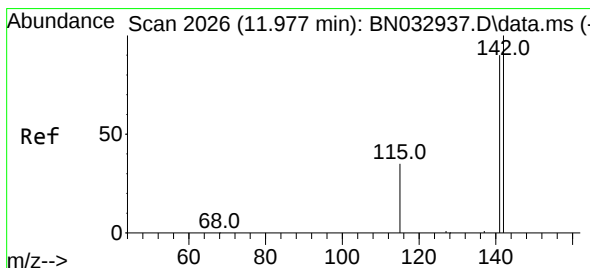
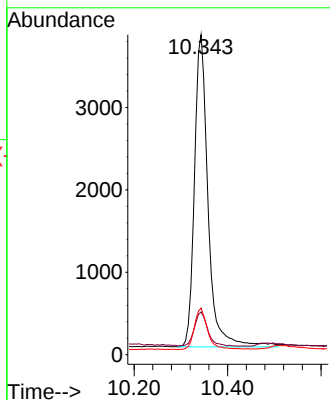
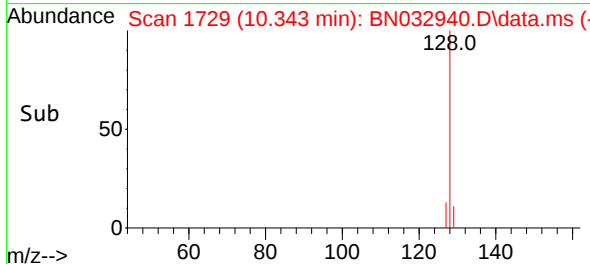
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



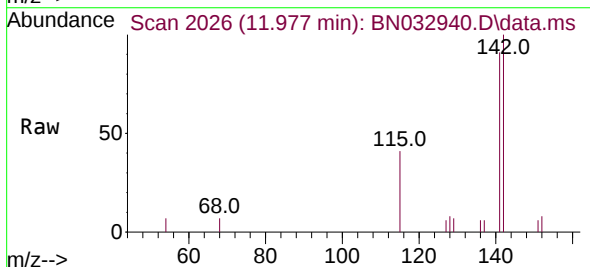
Tgt Ion:128 Resp: 7689
Ion Ratio Lower Upper
128 100
129 13.3 10.0 15.0
127 14.5 11.6 17.4

Manual Integrations
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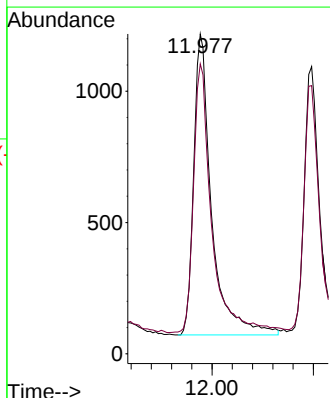
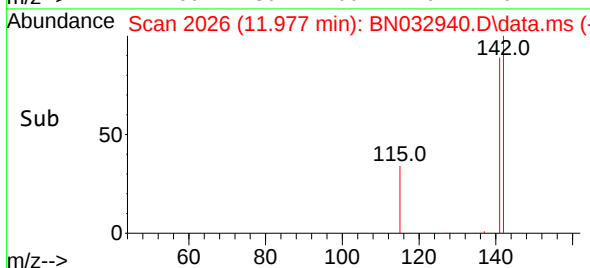
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

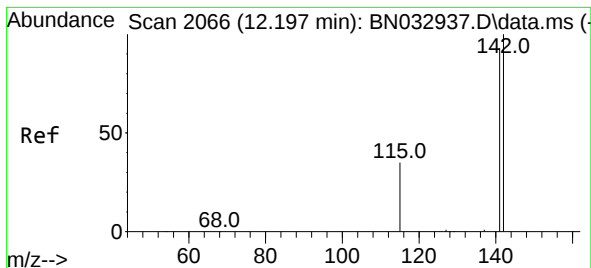


#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.021 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58



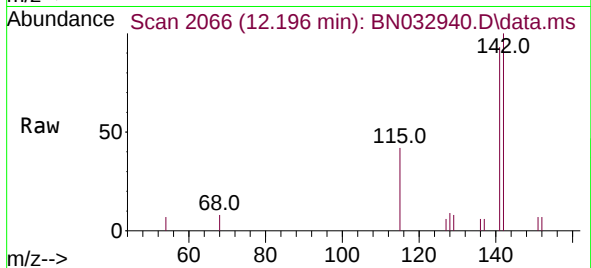
Tgt Ion:142 Resp: 2810
Ion Ratio Lower Upper
142 100
141 90.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

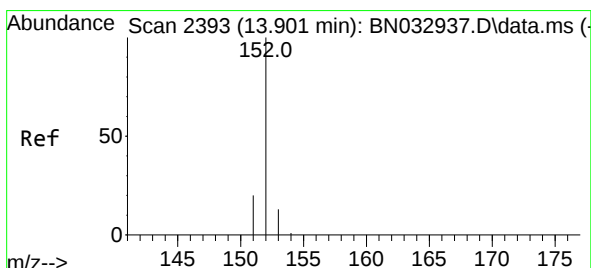
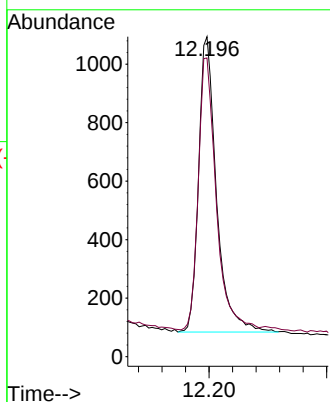
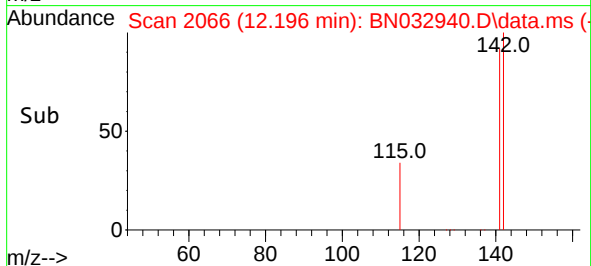
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



Tgt Ion:142 Resp: 2134
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

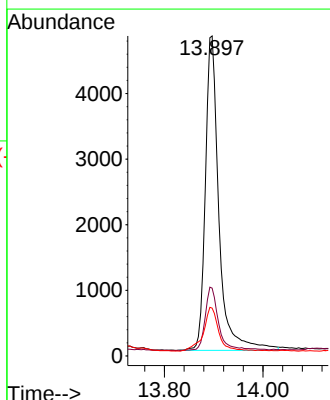
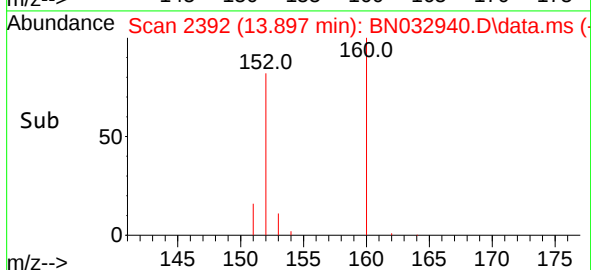
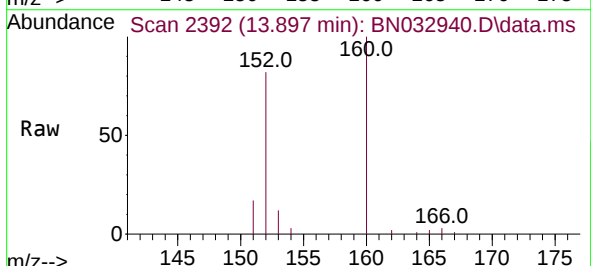
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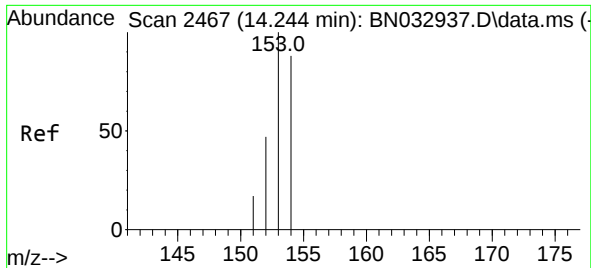
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.219 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

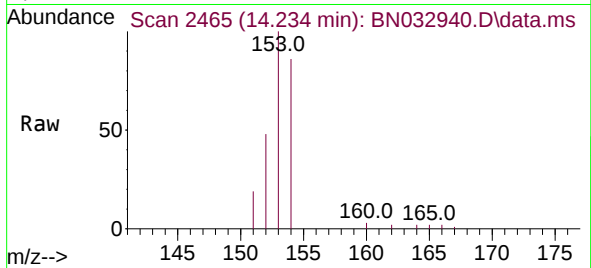
Tgt Ion:152 Resp: 9139
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 14.9 11.3 16.9





#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.234 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

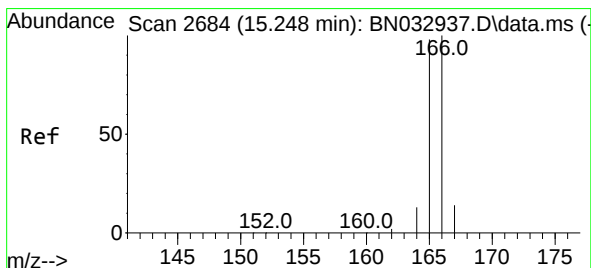
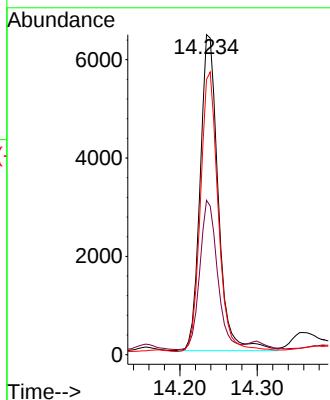
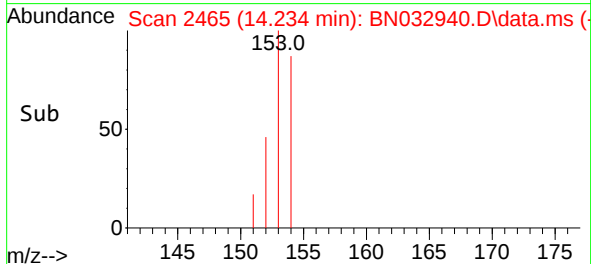
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



Tgt Ion:153 Resp: 1041
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 86.0 70.2 105.4

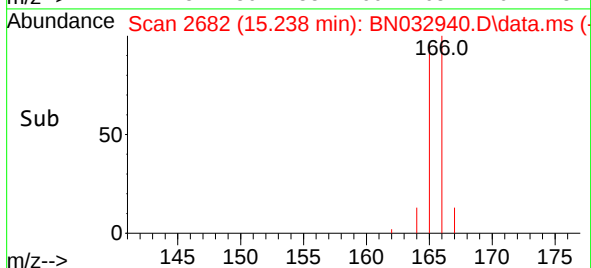
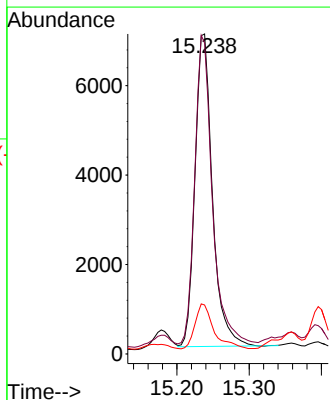
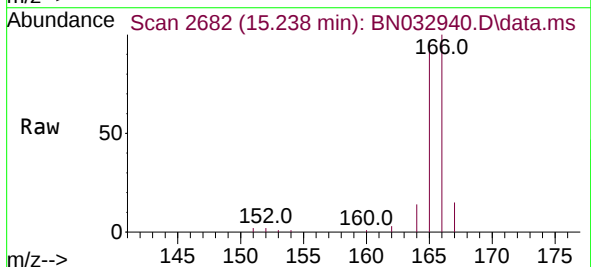
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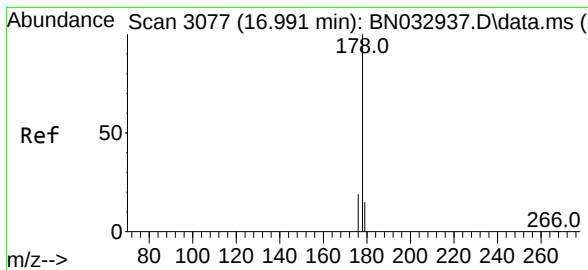
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.297 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

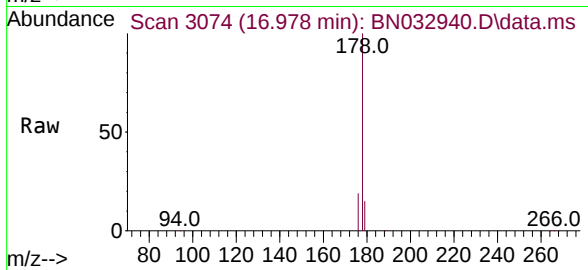
Tgt Ion:166 Resp: 11694
Ion Ratio Lower Upper
166 100
165 97.1 79.7 119.5
167 15.3 11.4 17.2





#15
Phenanthrene
Concen: 4.352 ng/ul
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

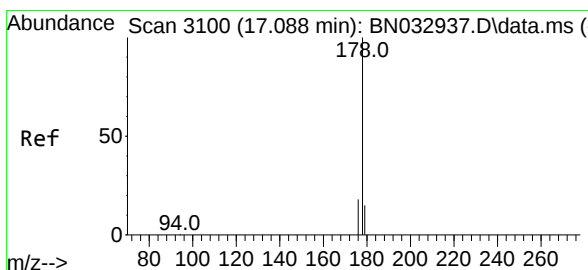
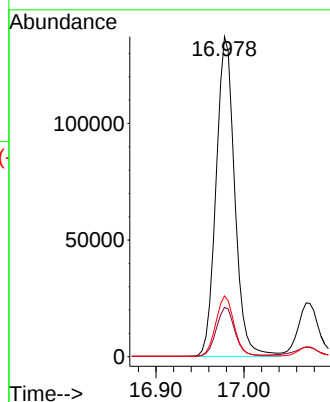
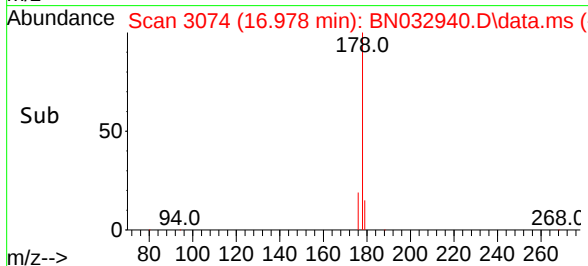
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



Tgt Ion:178 Resp: 20115
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4

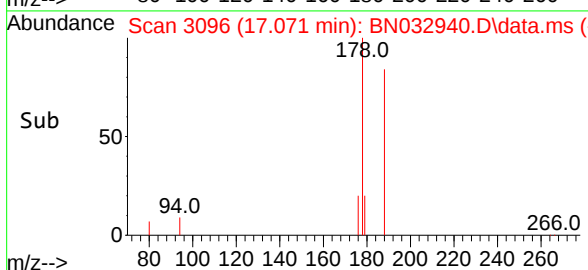
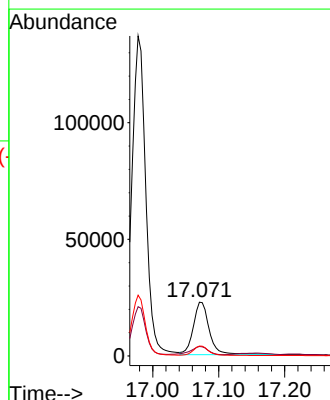
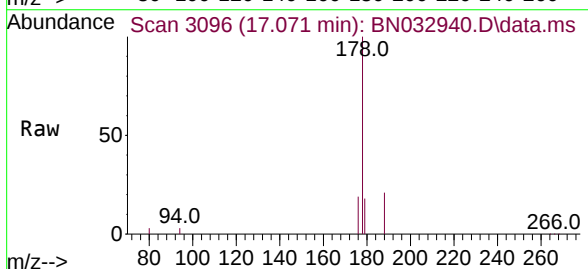
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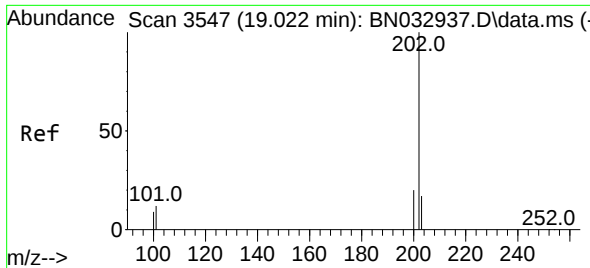
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 1.013 ng/ul
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

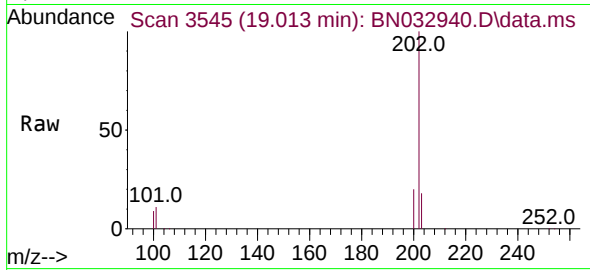
Tgt Ion:178 Resp: 38261
Ion Ratio Lower Upper
178 100
179 17.6 13.4 20.2
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 5.416 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

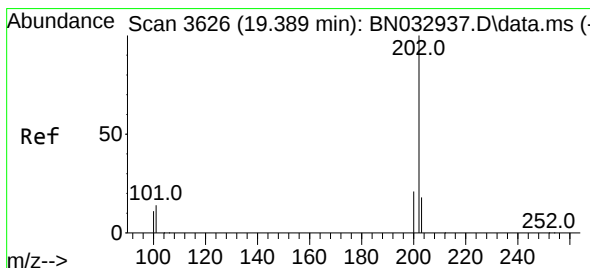
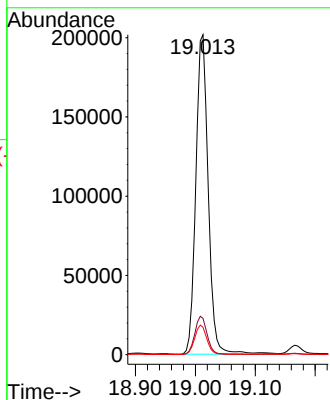
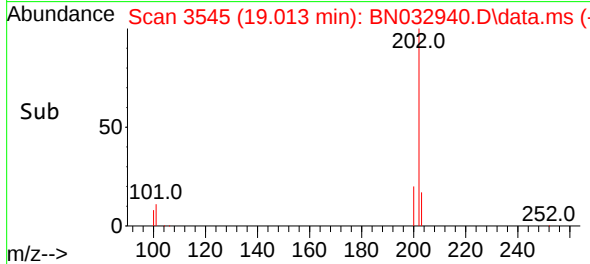
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



Tgt Ion:202 Resp: 290630
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.5 7.9 11.9

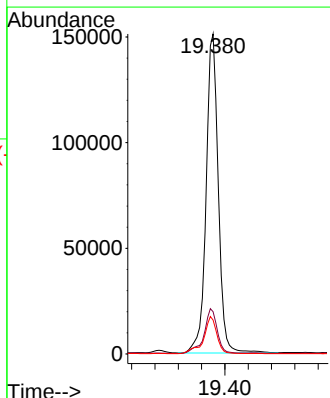
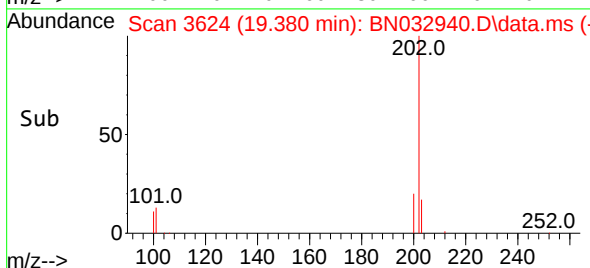
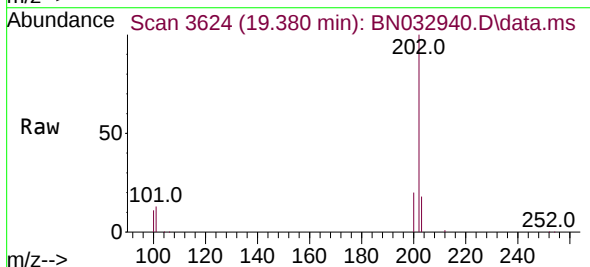
Manual Integrations
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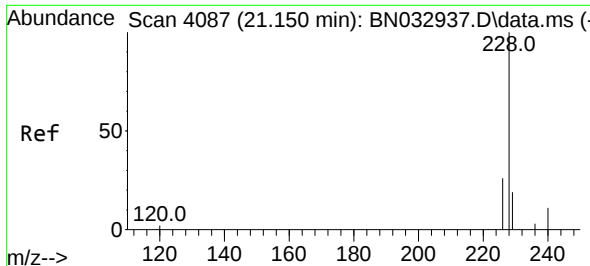
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 3.967 ng/ul
RT: 19.380 min Scan# 3624
Delta R.T. -0.013 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

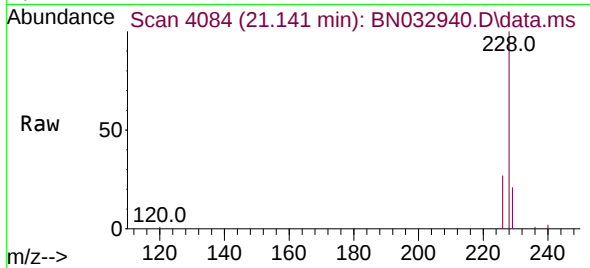
Tgt Ion:202 Resp: 220314
Ion Ratio Lower Upper
202 100
101 13.2 11.8 17.6
100 10.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.205 ng/ul
RT: 21.141 min Scan# 4087
Delta R.T. -0.009 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

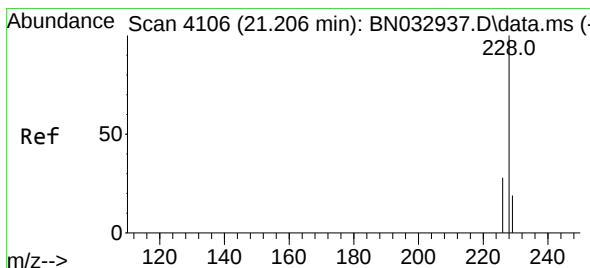
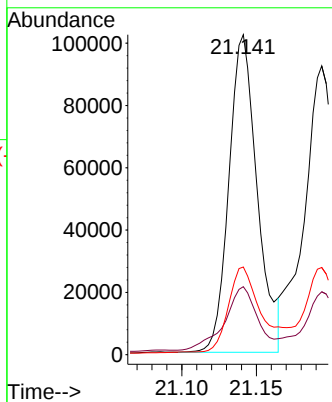
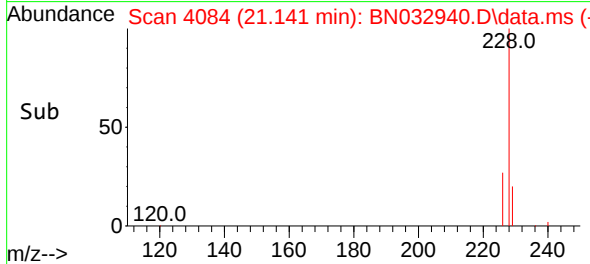
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



Tgt Ion:228 Resp: 13466
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 27.4 21.9 32.9

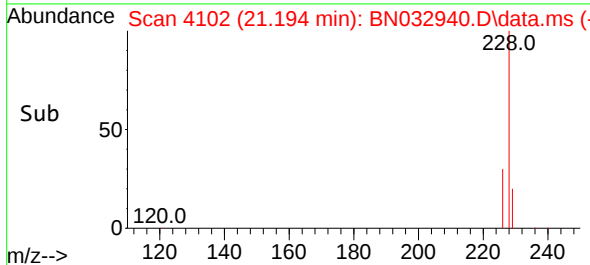
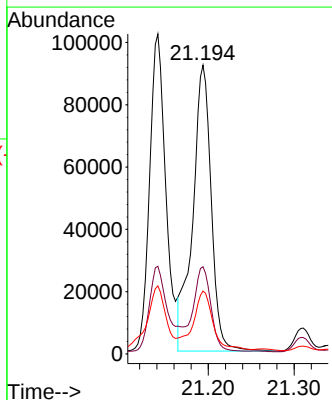
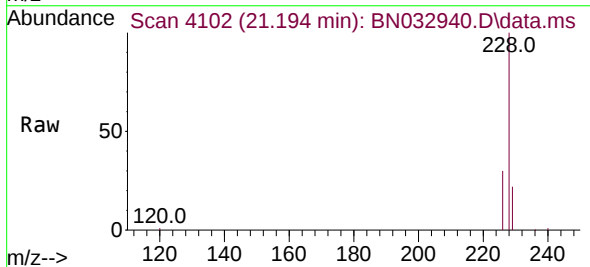
Manual Integrations
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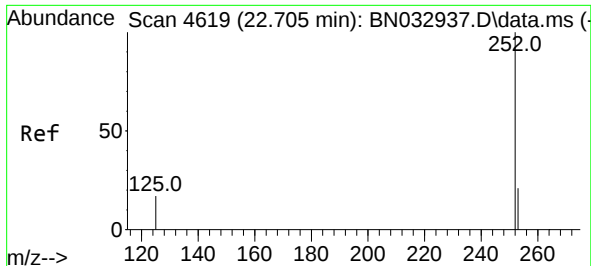
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 2.269 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

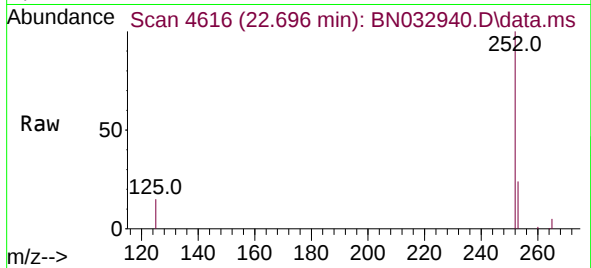
Tgt Ion:228 Resp: 137892
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.241 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.003 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

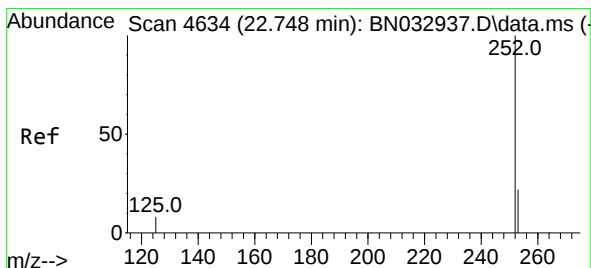
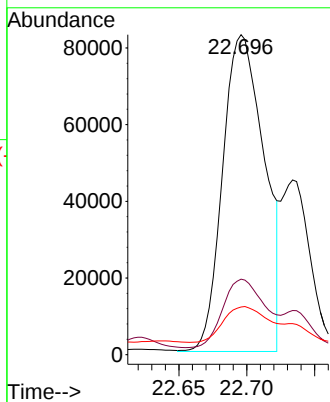
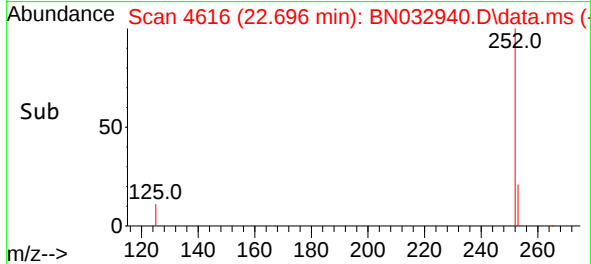
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



Tgt Ion:252 Resp: 175790
Ion Ratio Lower Upper
252 100
253 23.6 0.0 54.0
125 14.9 0.0 36.0

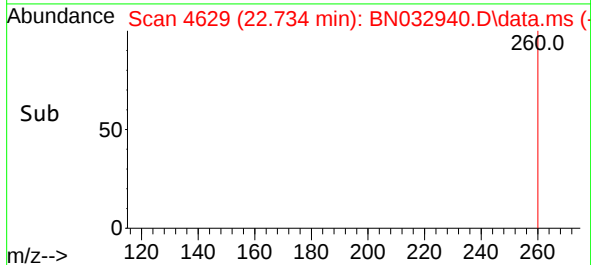
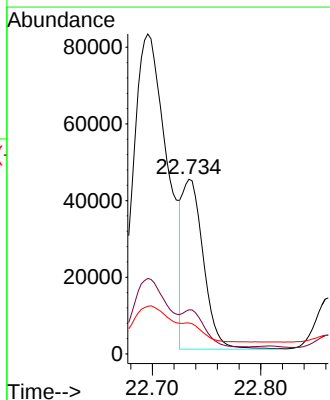
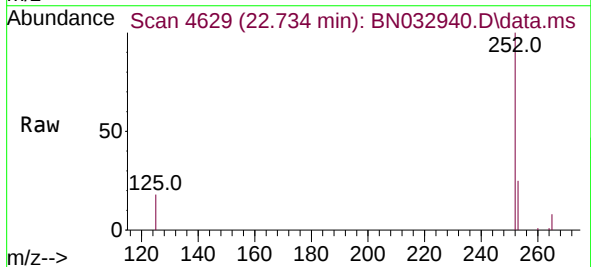
Manual Integrations
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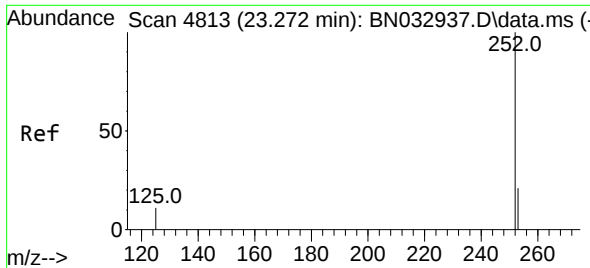
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.904 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

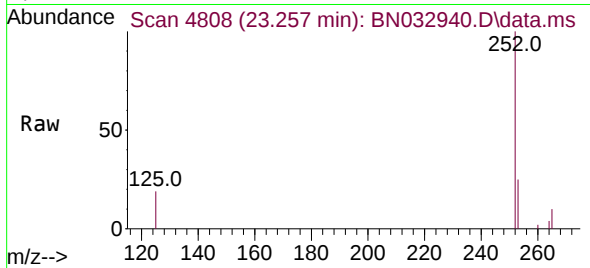
Tgt Ion:252 Resp: 59743
Ion Ratio Lower Upper
252 100
253 25.3 21.2 31.8
125 17.8 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.606 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.006 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

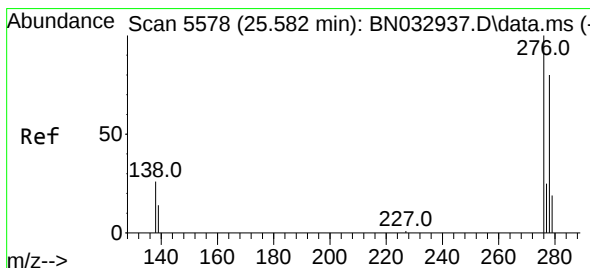
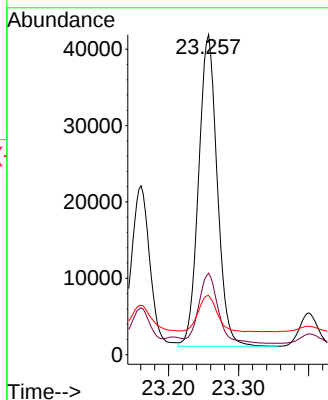
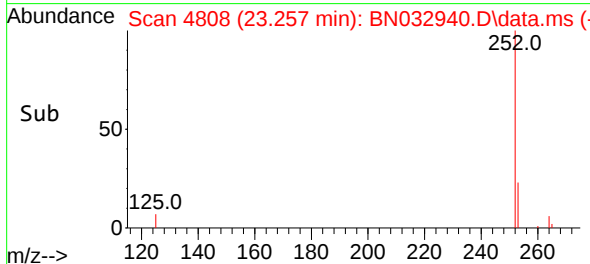
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



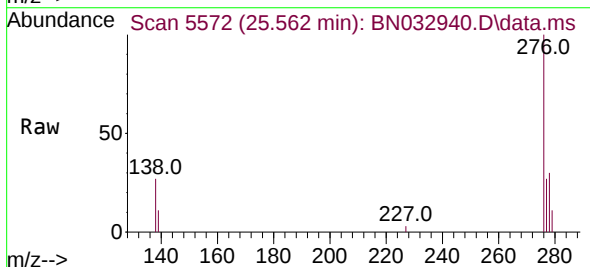
Tgt Ion:252 Resp: 75399
Ion Ratio Lower Upper
252 100
253 25.5 25.4 38.0
125 18.5 20.6 30.8

Manual Integrations
APPROVED

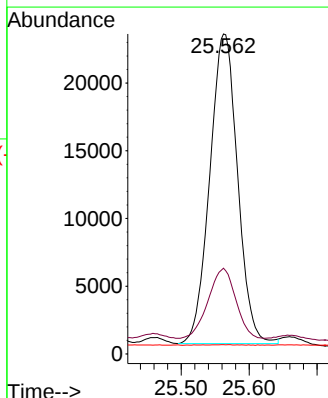
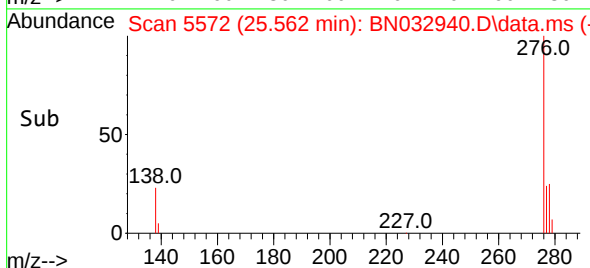
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

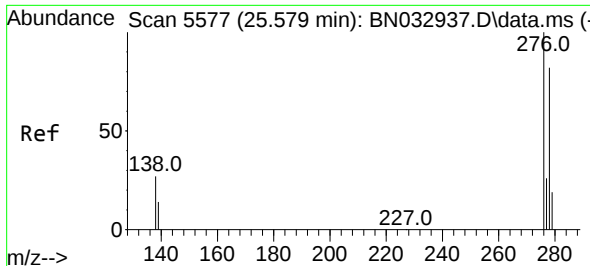


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.024 ng/ul
RT: 25.562 min Scan# 5572
Delta R.T. -0.007 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58



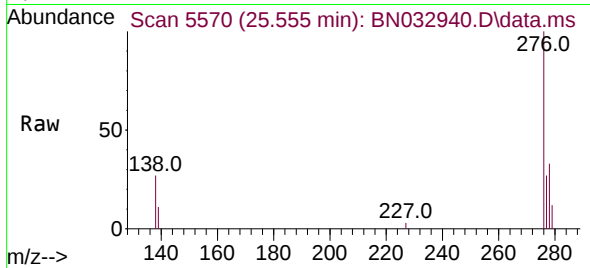
Tgt Ion:276 Resp: 65076
Ion Ratio Lower Upper
276 100
138 23.4 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 25.555 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58

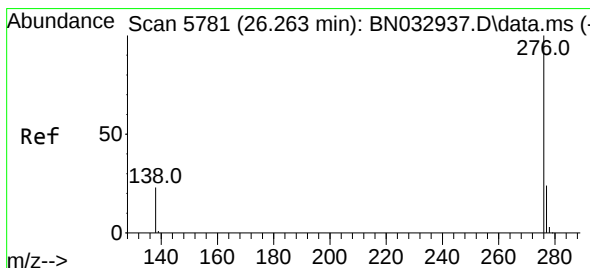
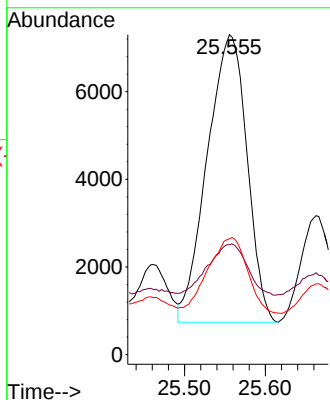
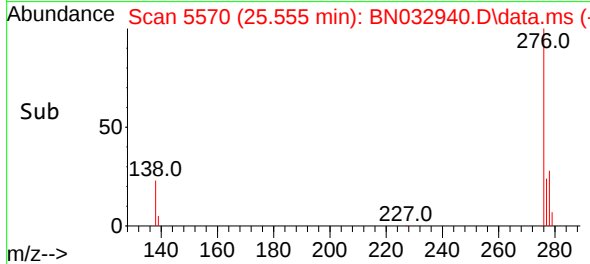
Instrument :
BNA_N
ClientSampleId :
A4CJ4DL



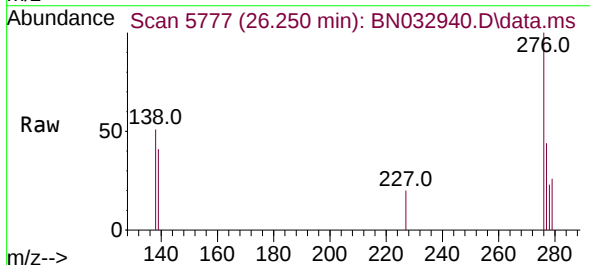
Tgt Ion:278 Resp: 2242
Ion Ratio Lower Upper
278 100
139 34.3 16.6 24.8
279 36.2 23.7 35.5

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.000 min
Lab File: BN032940.D
Acq: 24 Jul 2024 09:58



Tgt Ion:276 Resp: 9025
Ion Ratio Lower Upper
276 100
138 51.4 21.0 31.4#
277 43.9 20.6 31.0#

