

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032059.D
 Acq On : 18 Jun 2024 23:56
 Operator : MA/JU
 Sample : P2696-26
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BP0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 00:29:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	9331	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	33354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	21554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	48742	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	38075	0.400	ng/ul	0.00
23) Perylene-d12	23.453	264	30967m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	33885	3.387	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	12873	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.069	212	32357	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	5237	0.059	ng/ul#	93
7) 2-Methylnaphthalene	12.098	142	1715	0.028	ng/ul	98
8) 1-Methylnaphthalene	12.318	142	1332	0.021	ng/ul	98
10) Acenaphthylene	14.008	152	9214	0.100	ng/ul	95
11) Acenaphthene	14.350	153	5385	0.078	ng/ul	99
12) Fluorene	15.345	166	6829	0.081	ng/ul#	99
15) Phenanthrene	17.079	178	179233	1.304	ng/ul	100
16) Anthracene	17.172	178	26591	0.215	ng/ul	98
19) Fluoranthene	19.101	202	505702	3.605	ng/ul	100
20) Pyrene	19.468	202	324147	2.206	ng/ul	98
21) Benzo(a)anthracene	21.214	228	193652	1.326	ng/ul	98
22) Chrysene	21.267	228	243285	1.671	ng/ul	97
24) Benzo(b)fluoranthene	22.786	252	306465m	2.253	ng/ul	
25) Benzo(k)fluoranthene	22.824	252	111308m	0.852	ng/ul	
26) Benzo(a)pyrene	23.357	252	89417	0.925	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.690	276	92278	0.708	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.703	278	30437	0.302	ng/ul#	84
29) Benzo(g,h,i)perylene	26.384	276	14733	0.142	ng/ul#	75

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

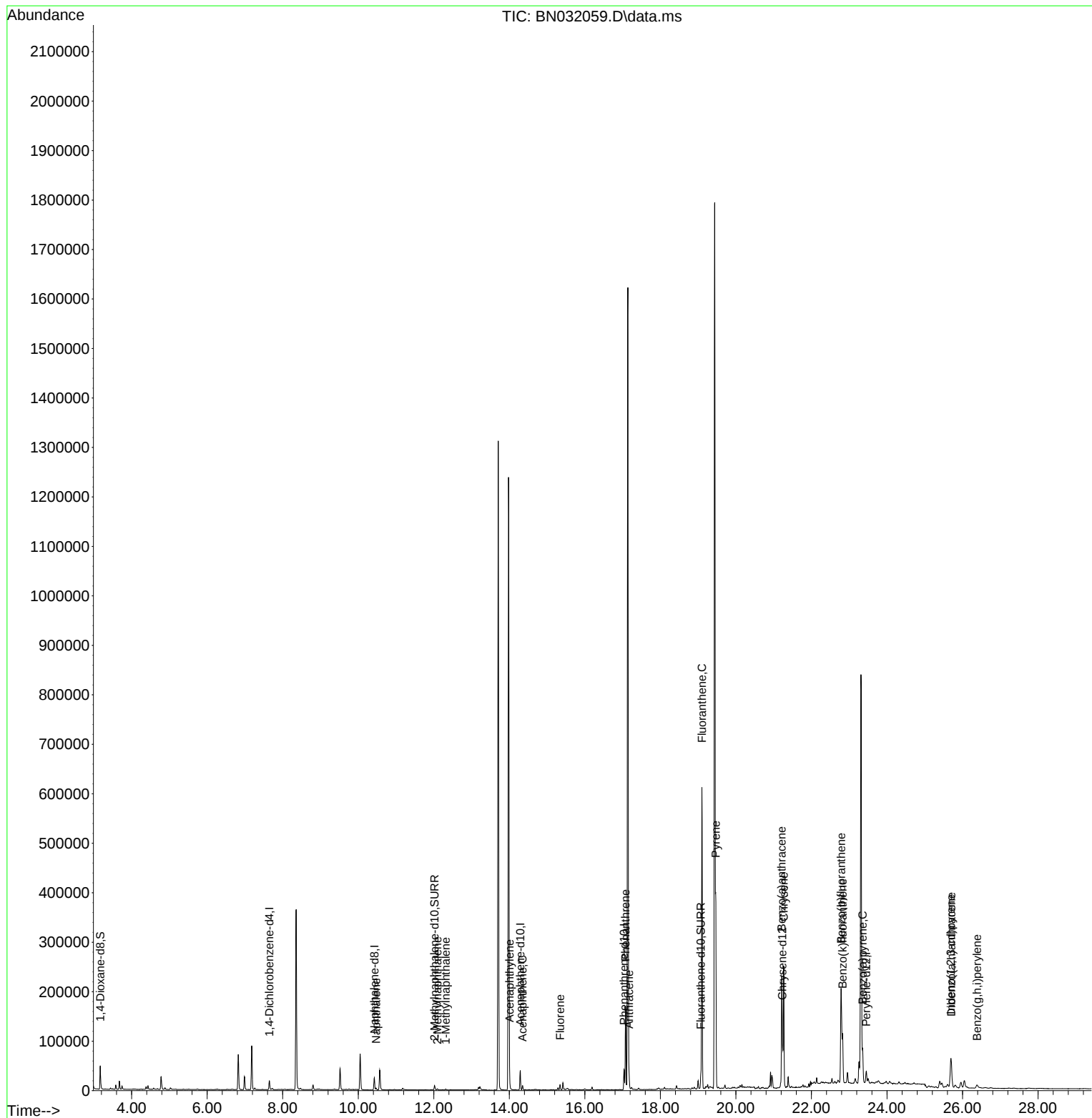
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032059.D
Acq On : 18 Jun 2024 23:56
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Sample : P2696-26
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ALS Vial : 16 Sample Multiplier: 1

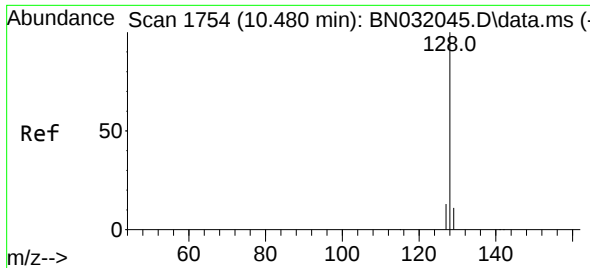
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Supervised By :mohammad ahmed 06/21/2024

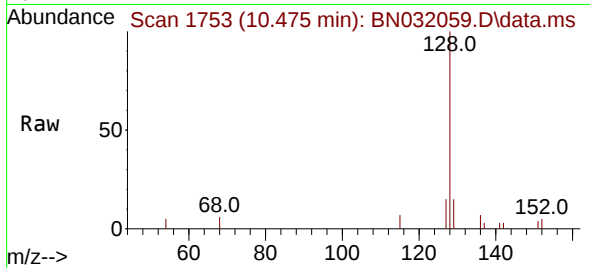
Quant Time: Jun 19 00:29:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

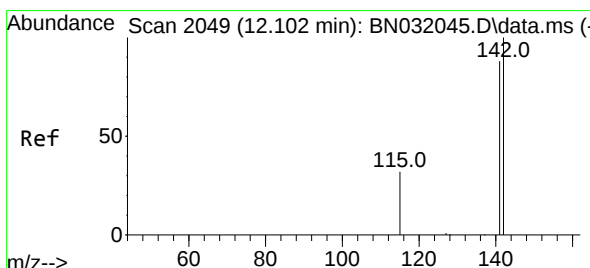
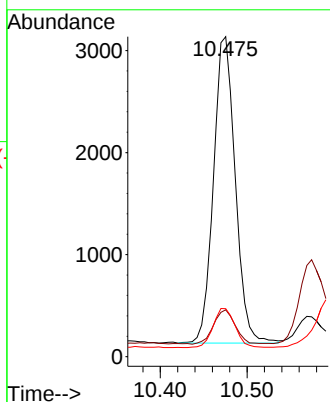
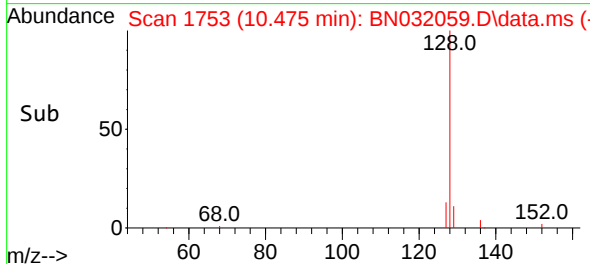
Instrument :
BNA_N
ClientSampleId :
A4BP0



Tgt Ion:128 Resp: 523
Ion Ratio Lower Upper
128 100
129 14.7 9.3 13.9
127 15.0 10.3 15.5

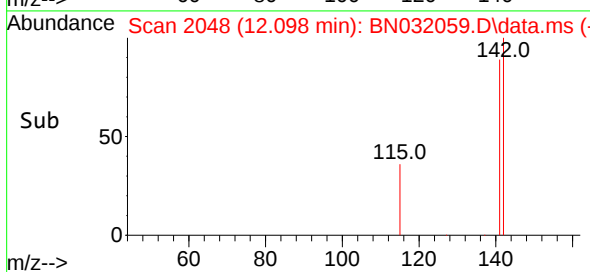
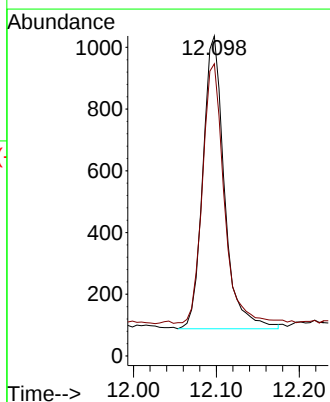
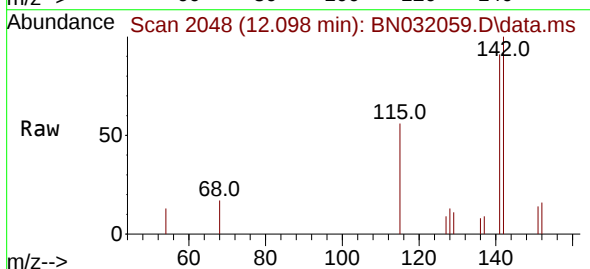
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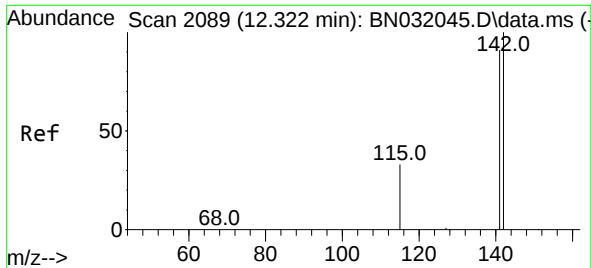
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.098 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

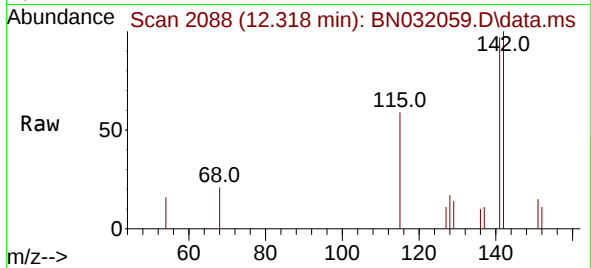
Tgt Ion:142 Resp: 1715
Ion Ratio Lower Upper
142 100
141 88.6 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.318 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

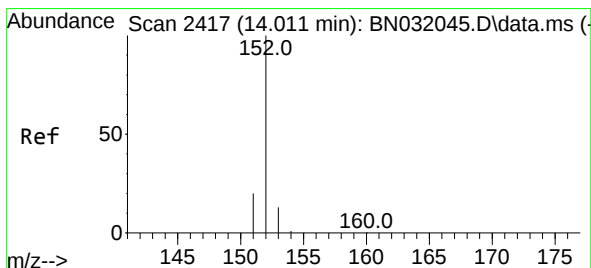
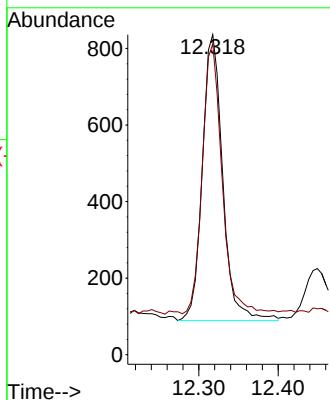
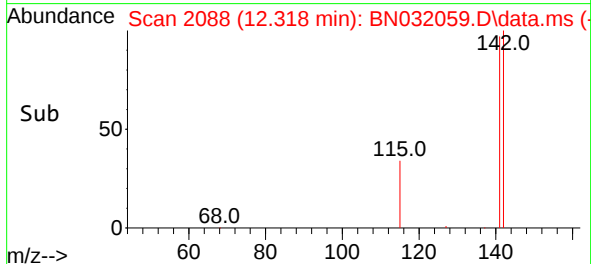
Instrument :
BNA_N
ClientSampleId :
A4BP0



Tgt Ion:142 Resp: 1332
Ion Ratio Lower Upper
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141 91.5 71.7 107.5

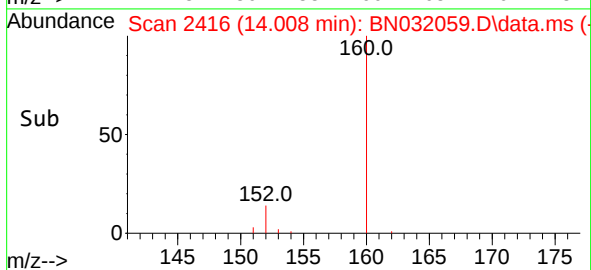
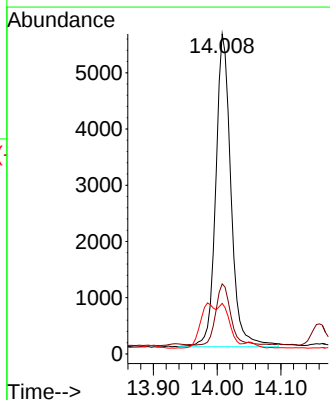
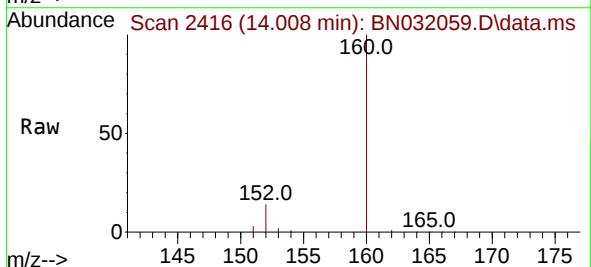
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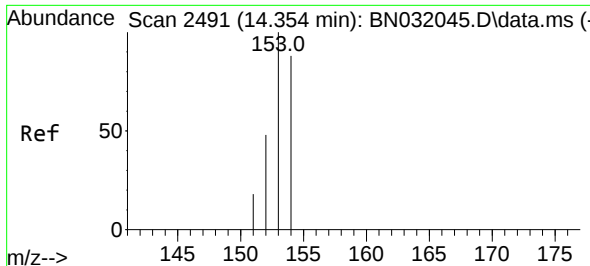
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.008 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

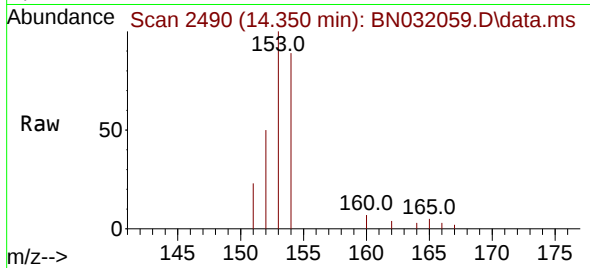
Tgt Ion:152 Resp: 9214
Ion Ratio Lower Upper
152 100
151 21.9 16.1 24.1
153 15.8 10.6 16.0





#11
Acenaphthene
Concen: 0.078 ng/u1
RT: 14.350 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

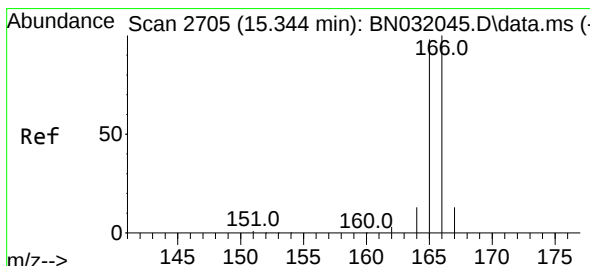
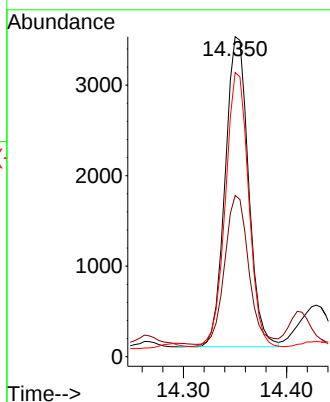
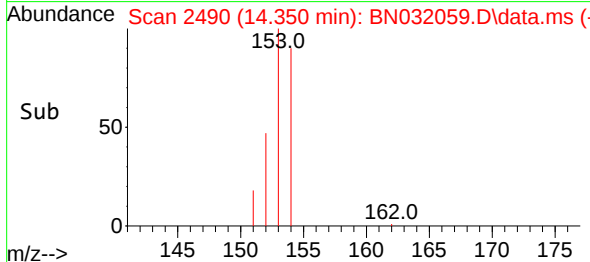
Instrument :
BNA_N
ClientSampleId :
A4BP0



Tgt Ion:153 Resp: 5389
Ion Ratio Lower Upper
153 100
152 50.4 39.4 59.2
154 88.8 71.2 106.8

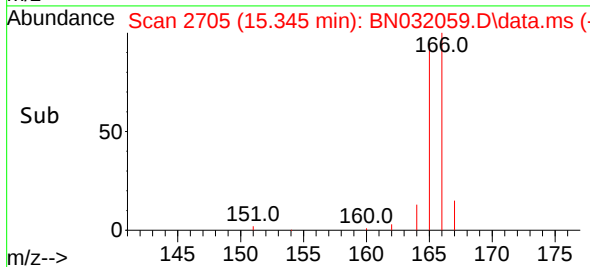
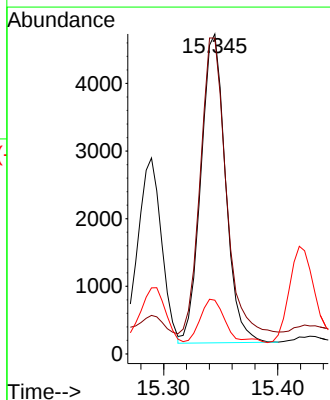
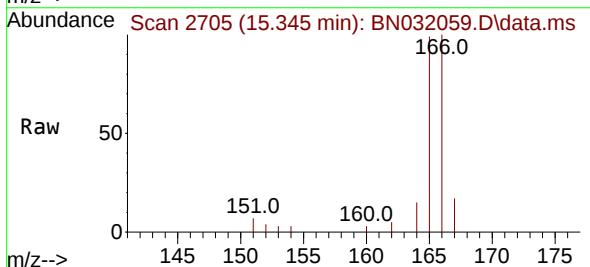
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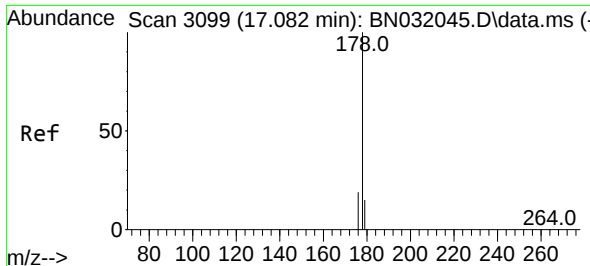
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.081 ng/u1
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

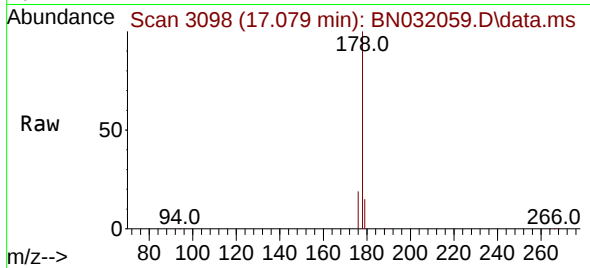
Tgt Ion:166 Resp: 6829
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 16.8 11.0 16.6#





#15
Phenanthrene
Concen: 1.304 ng/u1
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

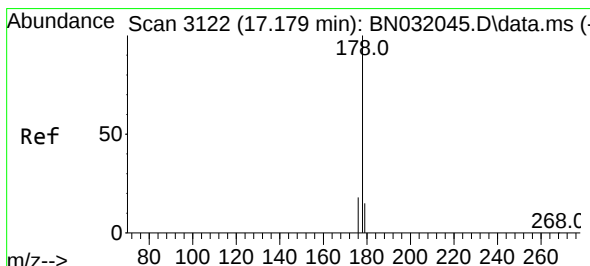
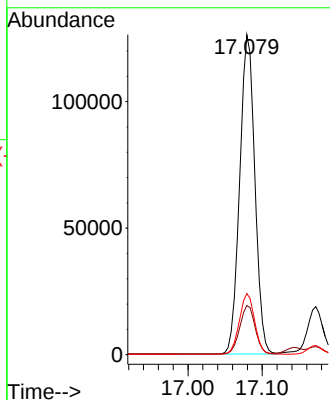
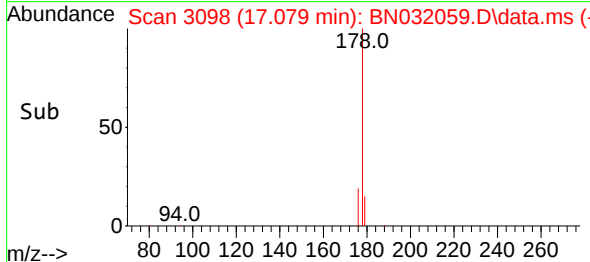
Instrument :
BNA_N
ClientSampleId :
A4BP0



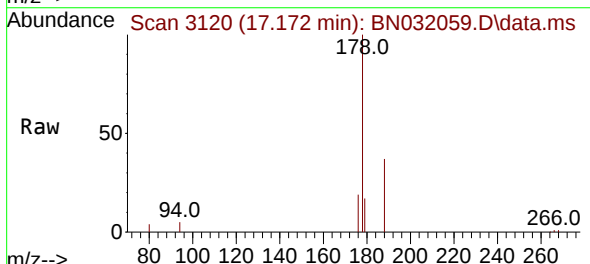
Tgt Ion:178 Resp: 17923
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.1 15.3 22.9

Manual Integrations
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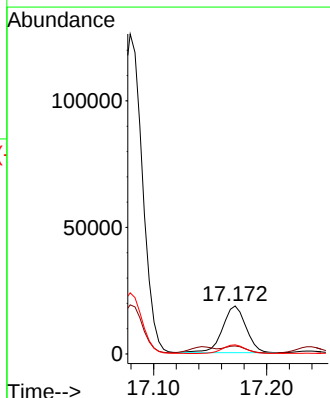
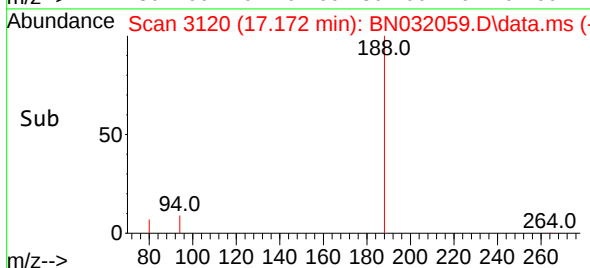
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

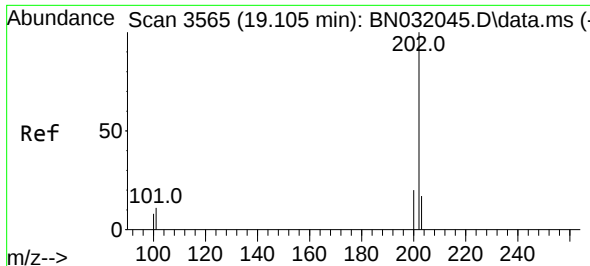


#16
Anthracene
Concen: 0.215 ng/u1
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56



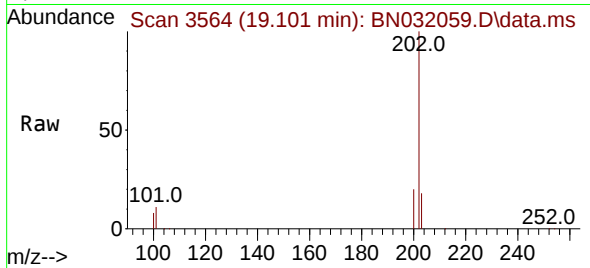
Tgt Ion:178 Resp: 26591
Ion Ratio Lower Upper
178 100
179 16.9 12.7 19.1
176 18.9 14.8 22.2





#19
Fluoranthene
Concen: 3.605 ng/u1
RT: 19.101 min Scan# 3564
Delta R.T. -0.005 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

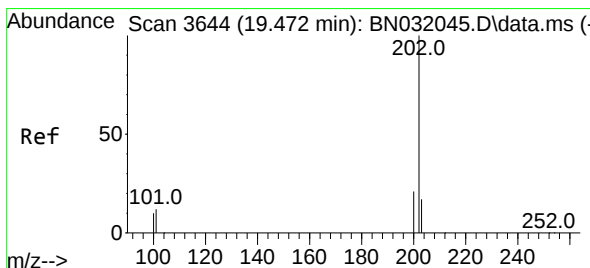
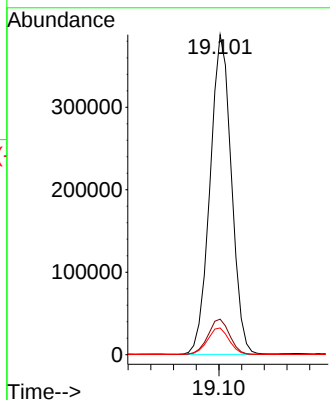
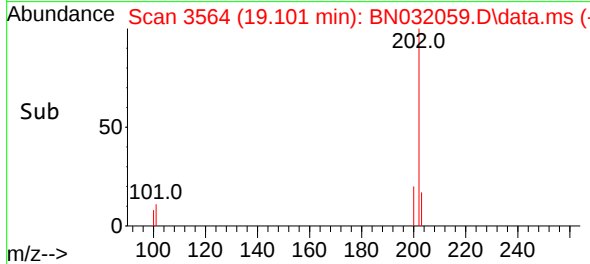
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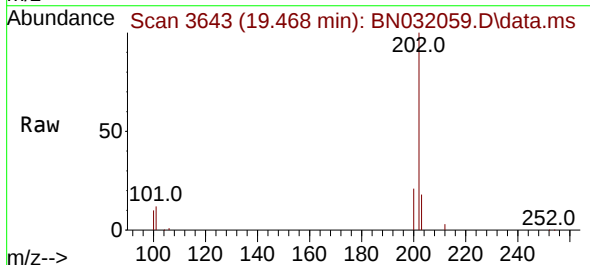
Tgt Ion:202 Resp: 505702
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.3 6.6 9.8

Manual Integrations
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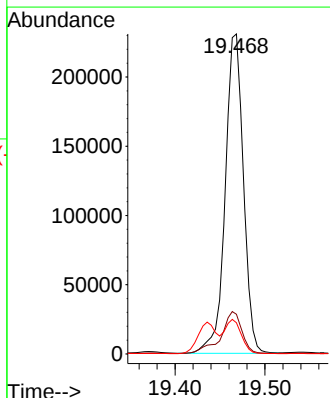
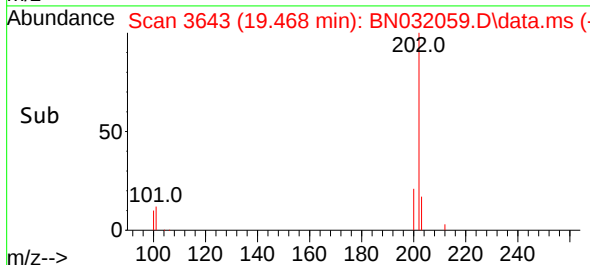
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

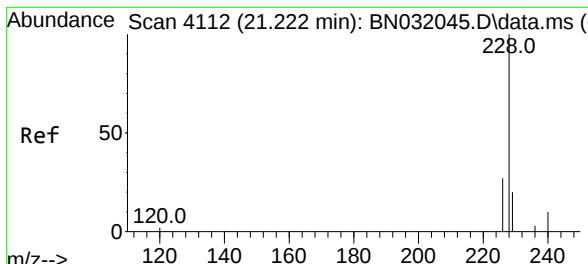


#20
Pyrene
Concen: 2.206 ng/u1
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56



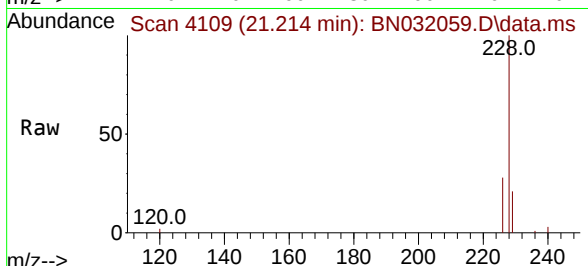
Tgt Ion:202 Resp: 324147
Ion Ratio Lower Upper
202 100
101 12.4 10.5 15.7
100 9.8 8.6 12.8





#21
Benzo(a)anthracene
Concen: 1.326 ng/ul
RT: 21.214 min Scan# 4112
Delta R.T. -0.009 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

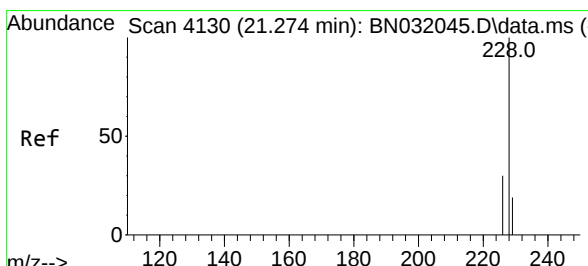
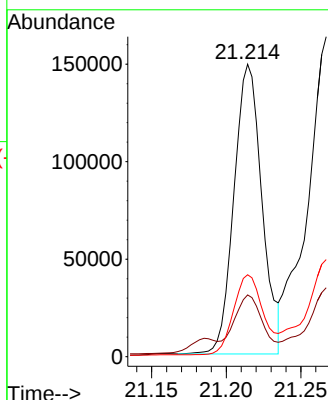
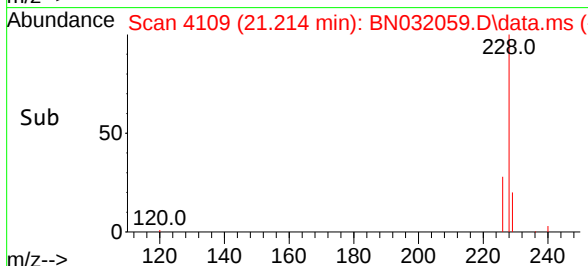
Instrument :
BNA_N
ClientSampleId :
A4BP0



Tgt Ion:228 Resp: 193652
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.0 21.7 32.5

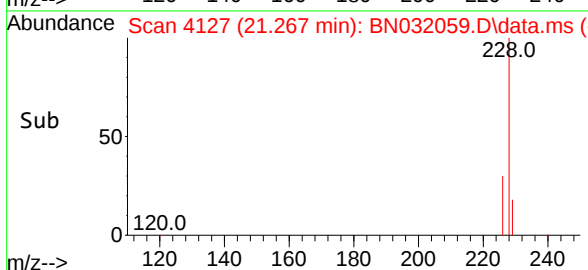
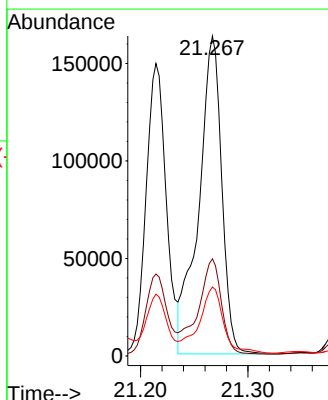
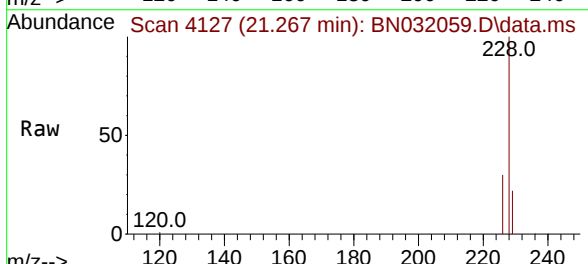
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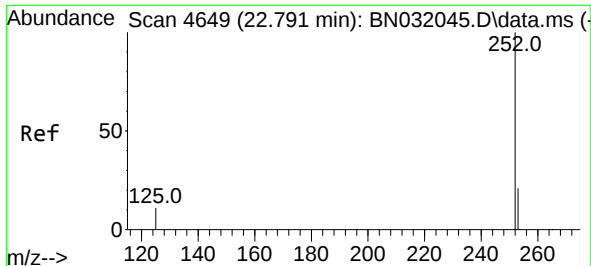
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 1.671 ng/ul
RT: 21.267 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

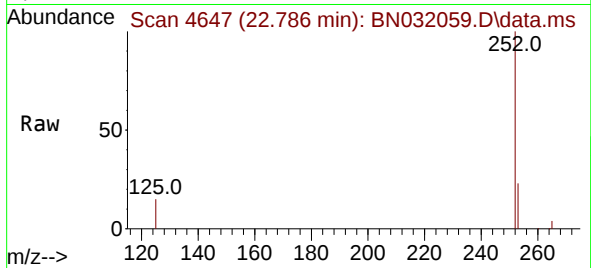
Tgt Ion:228 Resp: 243285
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 21.5 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 2.253 ng/ul m
RT: 22.786 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

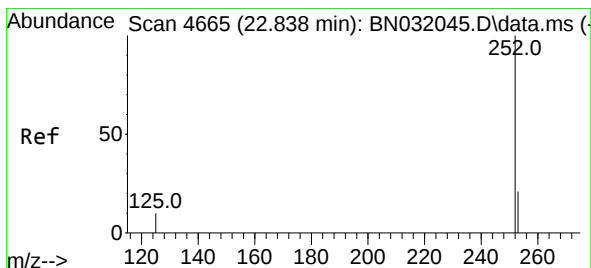
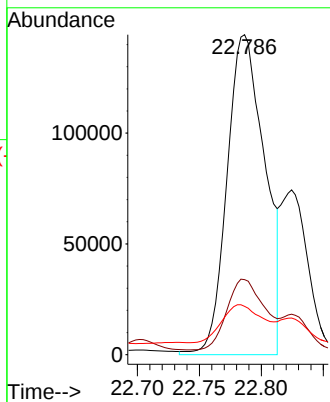
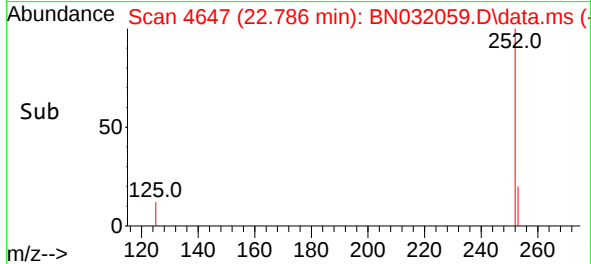
Instrument :
BNA_N
ClientSampleId :
A4BP0



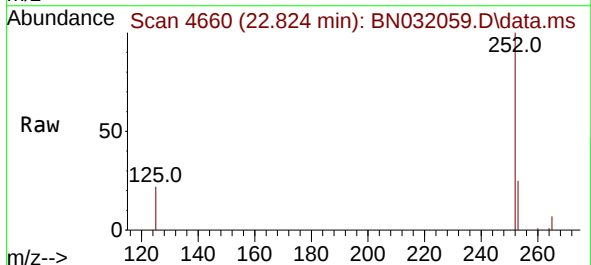
Tgt Ion:252 Resp: 306468
Ion Ratio Lower Upper
252 100
253 23.4 0.0 47.4
125 15.1 0.0 28.8

Manual Integrations
APPROVED

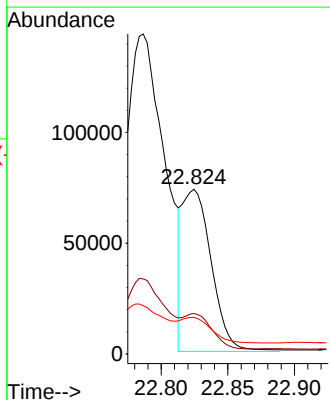
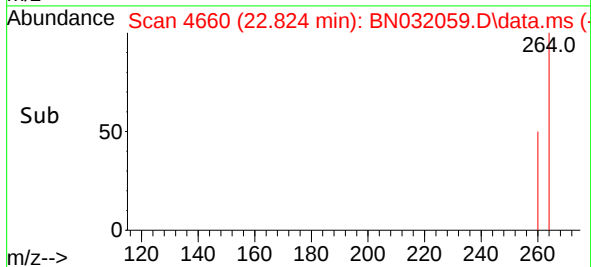
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

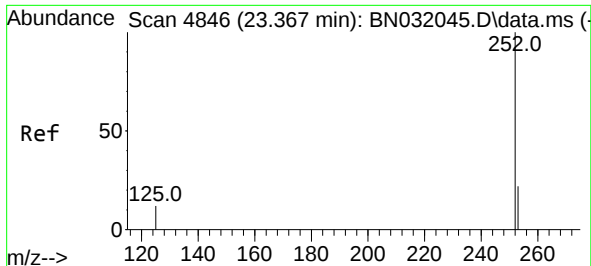


#25
Benzo(k)fluoranthene
Concen: 0.852 ng/ul m
RT: 22.824 min Scan# 4660
Delta R.T. -0.012 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56



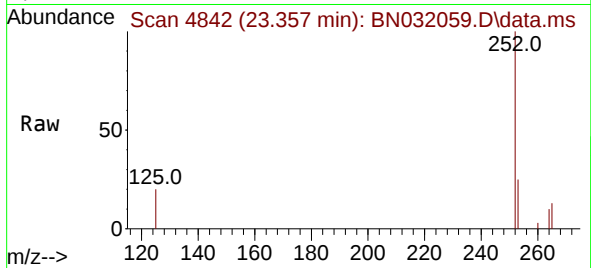
Tgt Ion:252 Resp: 111308
Ion Ratio Lower Upper
252 100
253 24.5 18.8 28.2
125 22.2 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 0.925 ng/ul
RT: 23.357 min Scan# 4846
Delta R.T. -0.009 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

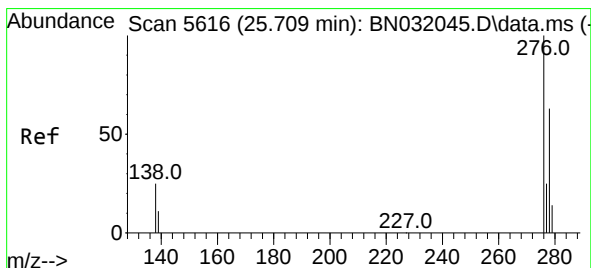
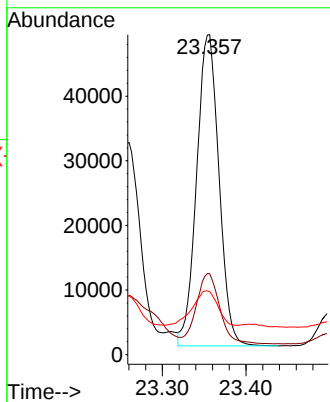
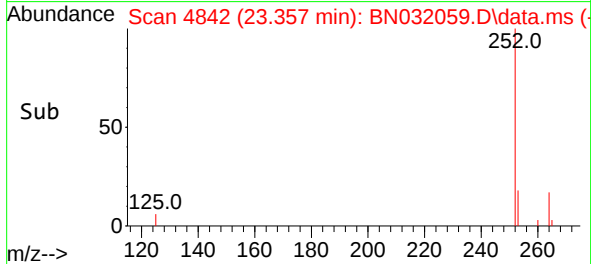
Instrument :
BNA_N
ClientSampleId :
A4BP0



Tgt Ion:252 Resp: 8941
Ion Ratio Lower Upper
252 100
253 25.3 19.9 29.9
125 19.7 13.5 20.3

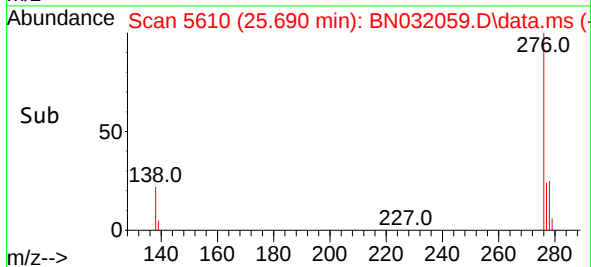
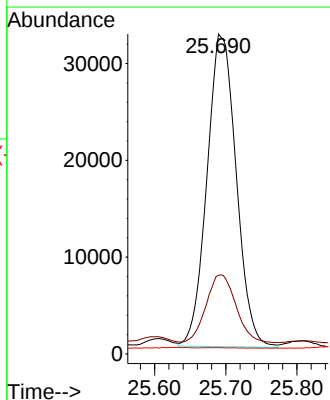
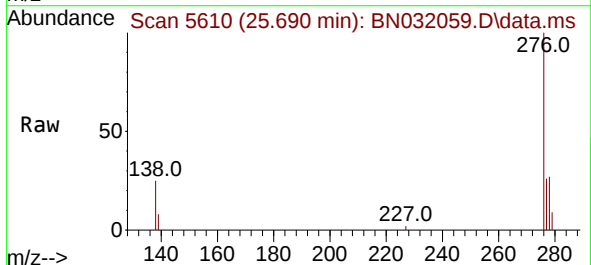
Manual Integrations
APPROVED

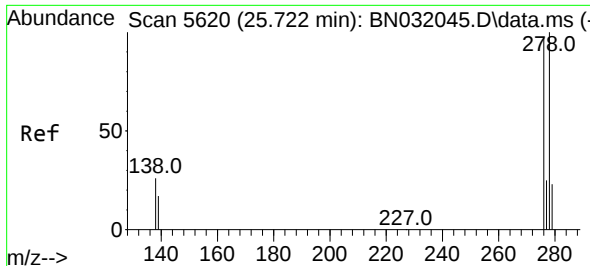
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.708 ng/ul
RT: 25.690 min Scan# 5610
Delta R.T. -0.017 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

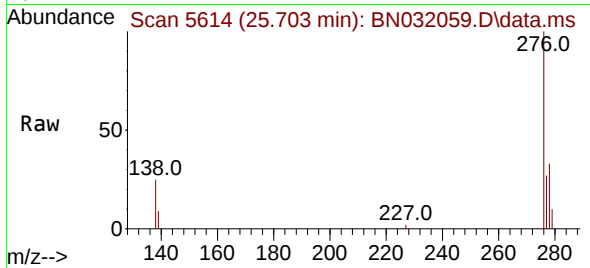
Tgt Ion:276 Resp: 92278
Ion Ratio Lower Upper
276 100
138 22.2 21.0 31.4
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 25.703 min Scan# 5614
Delta R.T. -0.020 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56

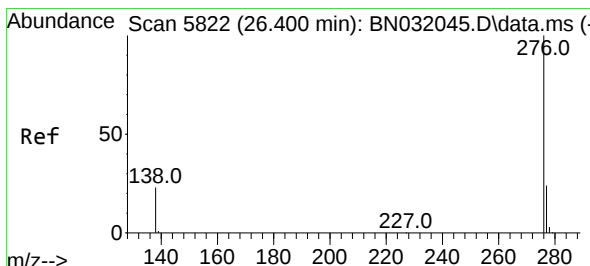
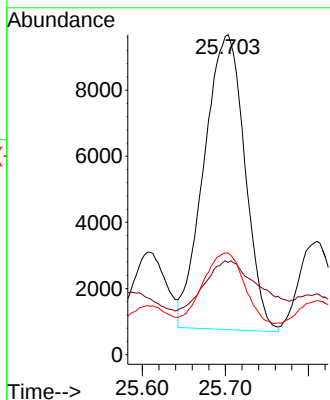
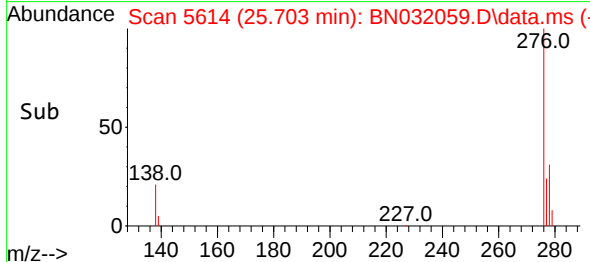
Instrument :
BNA_N
ClientSampleId :
A4BP0



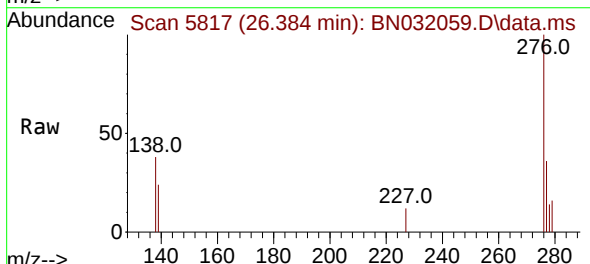
Tgt Ion:278 Resp: 3043
Ion Ratio Lower Upper
278 100
139 28.8 14.9 22.3#
279 31.8 20.6 31.0#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.142 ng/ul
RT: 26.384 min Scan# 5817
Delta R.T. -0.013 min
Lab File: BN032059.D
Acq: 18 Jun 2024 23:56



Tgt Ion:276 Resp: 14733
Ion Ratio Lower Upper
276 100
138 37.8 19.0 28.4#
277 36.2 20.4 30.6#

