

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032057.D
 Acq On : 18 Jun 2024 22:44
 Operator : MA/JU
 Sample : P2696-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BK4

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 23:12:10 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	7.649	152	8797	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	31117	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	19955	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	46266	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	37084	0.400	ng/ul	0.00
23) Perylene-d12	23.453	264	29952m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	32186	3.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	12061	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	32915	0.293	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.475	128	3847	0.046	ng/ul#	92
7) 2-Methylnaphthalene	12.098	142	1904	0.033	ng/ul	97
8) 1-Methylnaphthalene	12.317	142	1605	0.027	ng/ul	96
10) Acenaphthylene	14.008	152	6721	0.079	ng/ul#	94
11) Acenaphthene	14.350	153	7437	0.117	ng/ul	98
12) Fluorene	15.345	166	9796	0.126	ng/ul	99
15) Phenanthrene	17.079	178	180614	1.385	ng/ul	100
16) Anthracene	17.172	178	33900	0.289	ng/ul	99
19) Fluoranthene	19.101	202	338382	2.477	ng/ul	100
20) Pyrene	19.468	202	301820	2.109	ng/ul	98
21) Benzo(a)anthracene	21.214	228	188153	1.323	ng/ul	98
22) Chrysene	21.267	228	182031	1.284	ng/ul	97
24) Benzo(b)fluoranthene	22.786	252	193274m	1.469	ng/ul	
25) Benzo(k)fluoranthene	22.827	252	71136m	0.563	ng/ul	
26) Benzo(a)pyrene	23.357	252	128299	1.372	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.693	276	73273	0.581	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.700	278	20247	0.208	ng/ul#	86
29) Benzo(g,h,i)perylene	26.384	276	70594	0.704	ng/ul	99

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

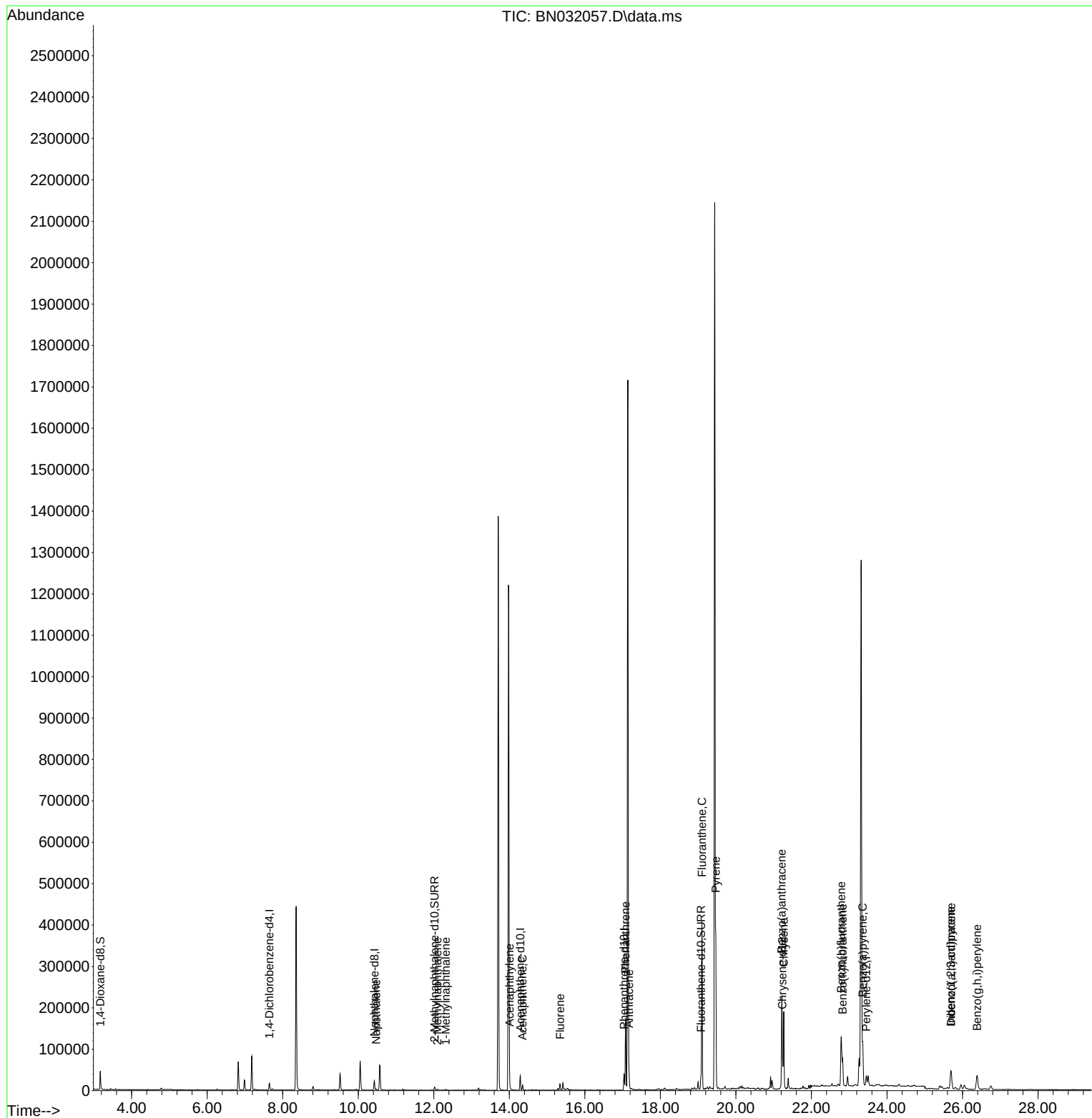
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032057.D
Acq On : 18 Jun 2024 22:44
Operator : MA/JU
Sample : P2696-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

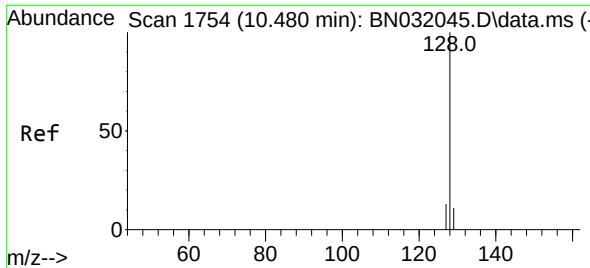
Instrument :
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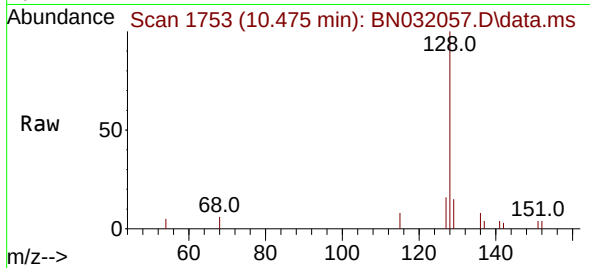
Quant Time: Jun 18 23:12:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

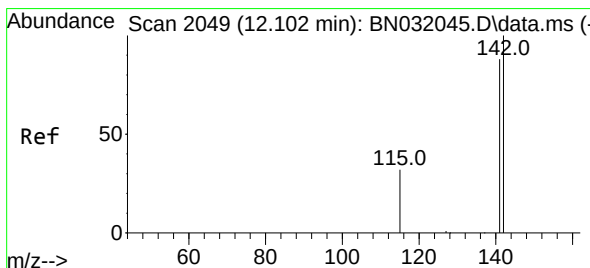
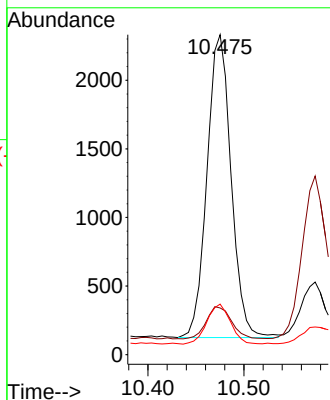
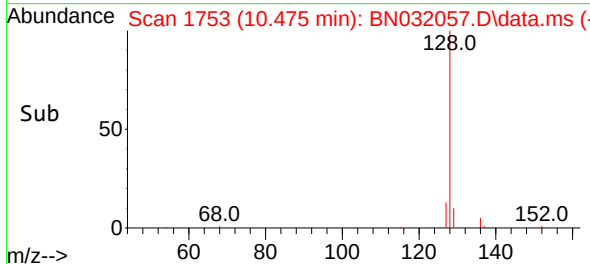
Instrument :
BNA_N
ClientSampleId :
A4BK4



Tgt Ion:128 Resp: 384
Ion Ratio Lower Upper
128 100
129 14.6 9.3 13.9
127 15.8 10.3 15.5

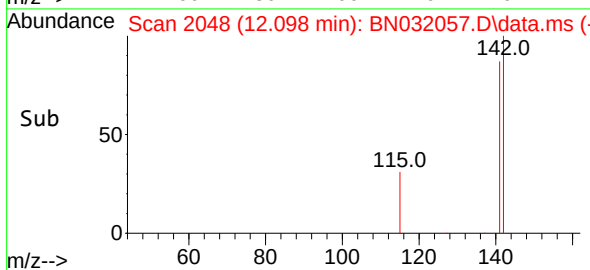
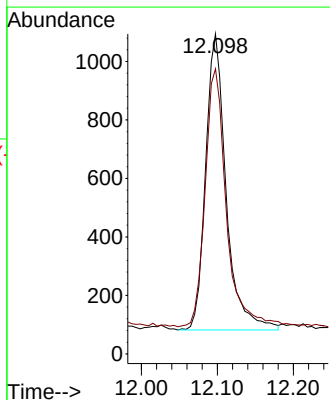
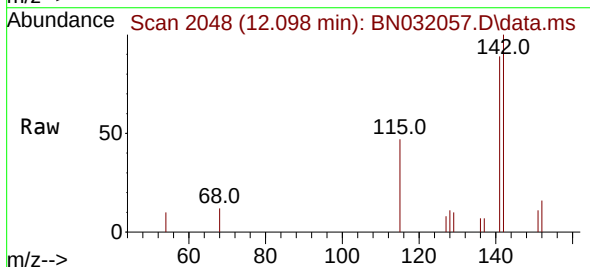
Manual Integrations
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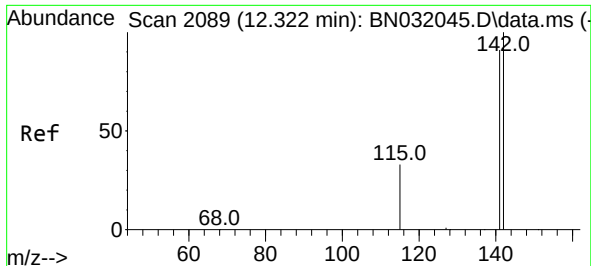
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.098 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

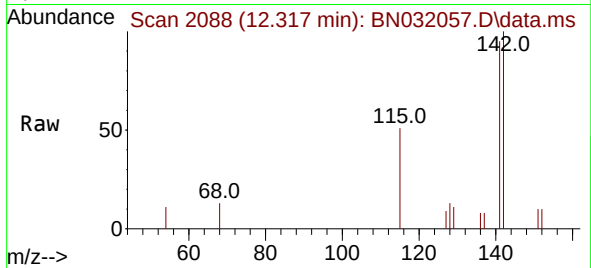
Tgt Ion:142 Resp: 1904
Ion Ratio Lower Upper
142 100
141 89.5 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.317 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

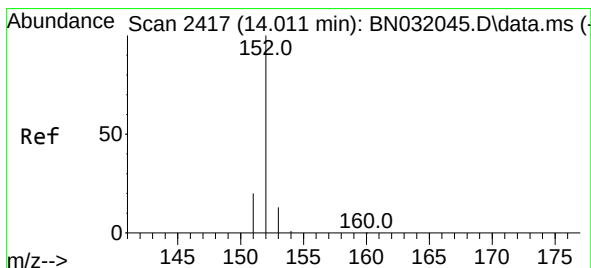
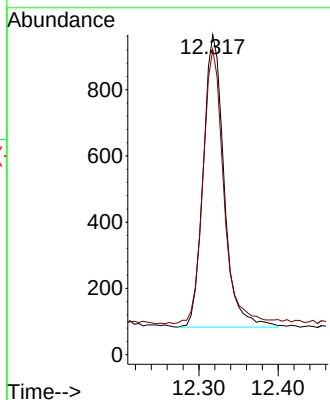
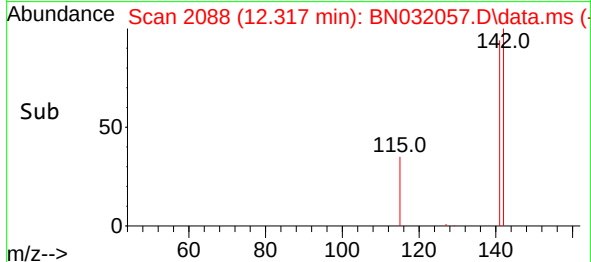
Instrument :
BNA_N
ClientSampleId :
A4BK4



Tgt Ion:142 Resp: 1609
Ion Ratio Lower Upper
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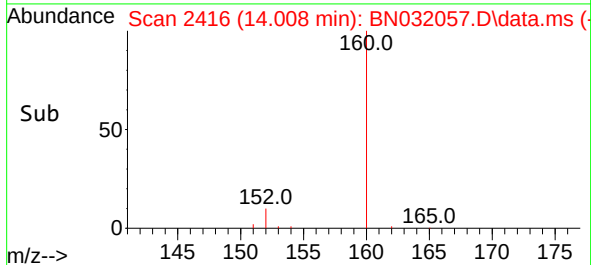
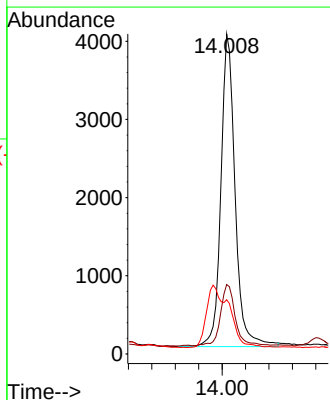
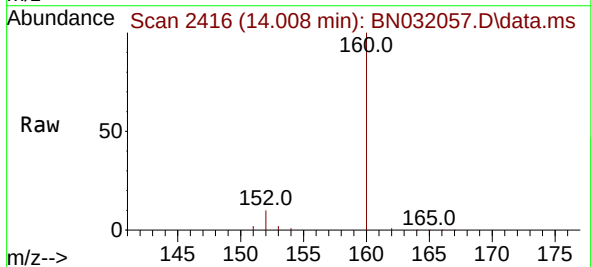
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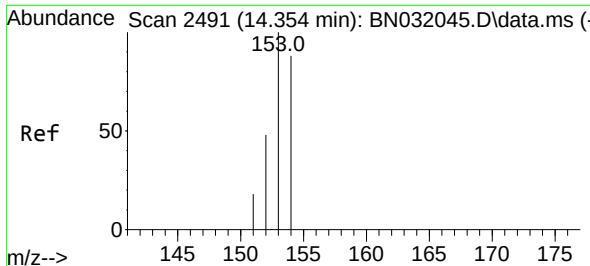
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.008 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

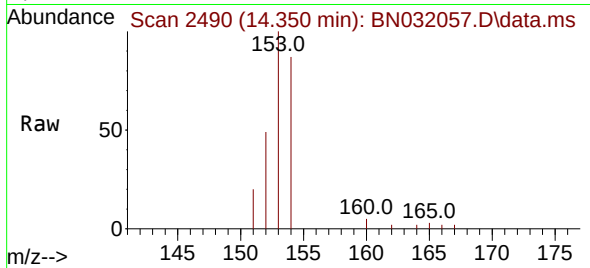
Tgt Ion:152 Resp: 6721
Ion Ratio Lower Upper
152 100
151 21.7 16.1 24.1
153 16.9 10.6 16.0#





#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.350 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

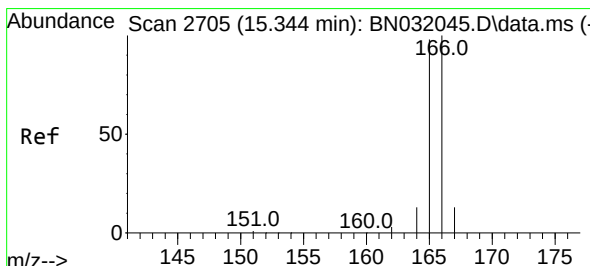
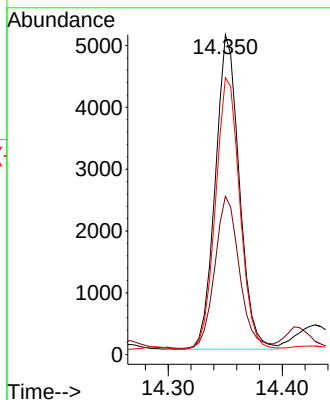
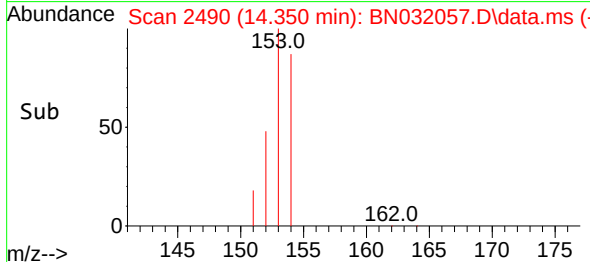
Instrument :
BNA_N
ClientSampleId :
A4BK4



Tgt Ion:153 Resp: 743
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.2
154 86.6 71.2 106.8

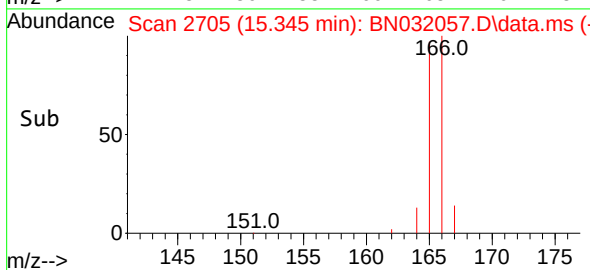
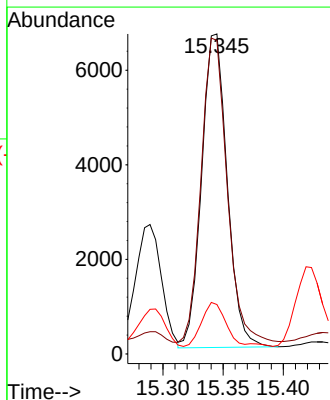
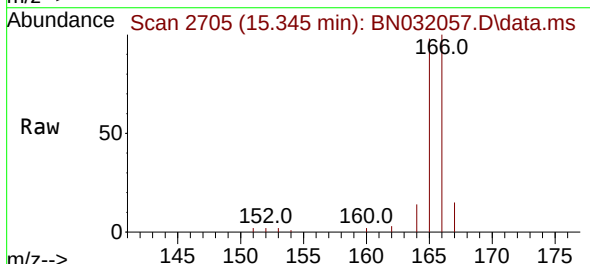
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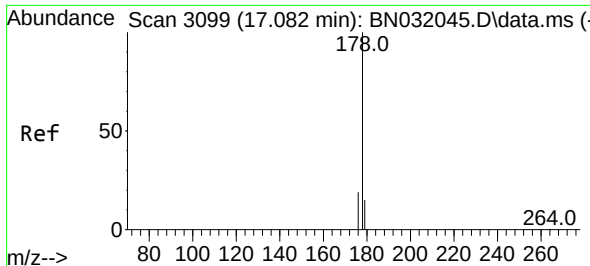
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.126 ng/ul
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

Tgt Ion:166 Resp: 9796
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 15.5 11.0 16.6





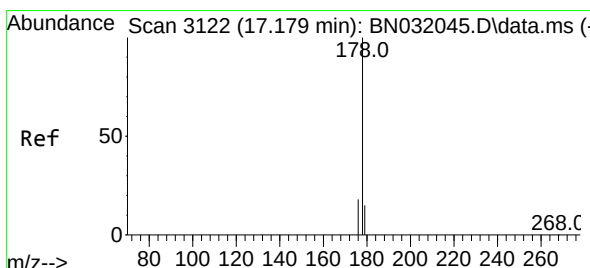
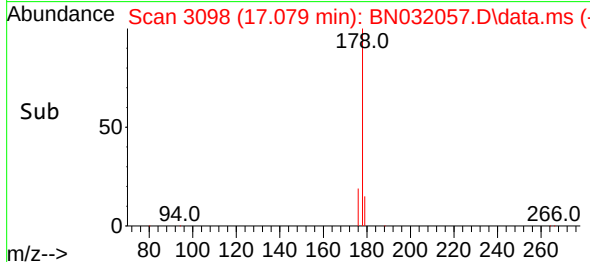
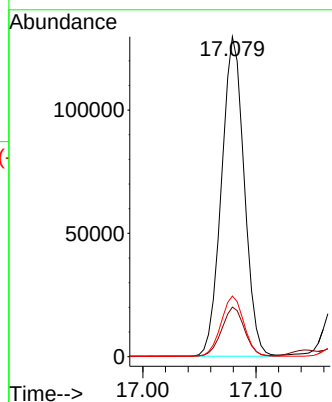
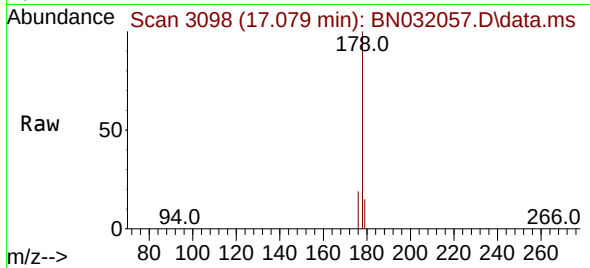
#15
Phenanthrene
Concen: 1.385 ng/ul
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

Instrument :
BNA_N
ClientSampleId :
A4BK4

Tgt Ion:178 Resp: 180614
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.9 15.3 22.9

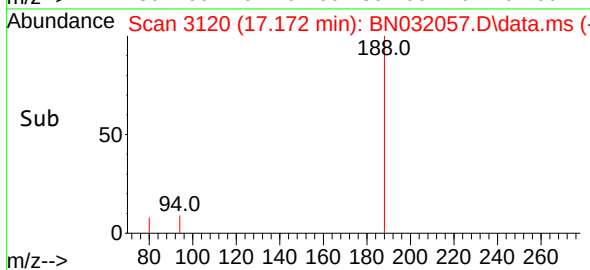
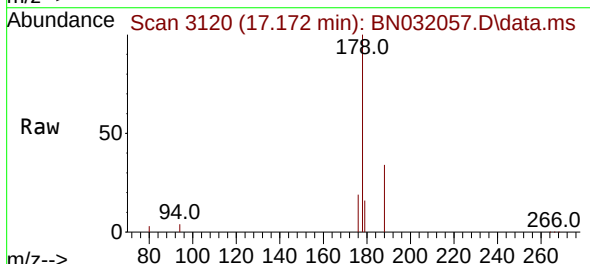
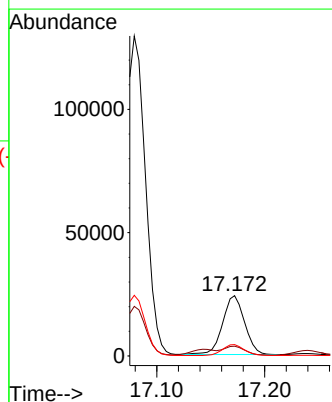
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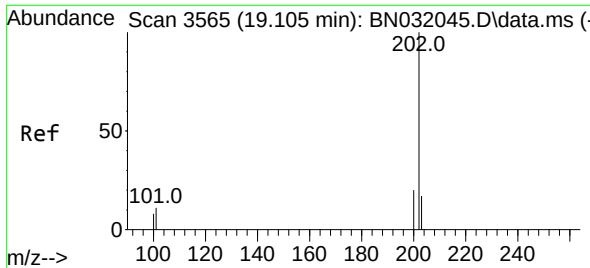
Reviewed By :Jagrut Upadhyay 06/19/2024
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#16
Anthracene
Concen: 0.289 ng/ul
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

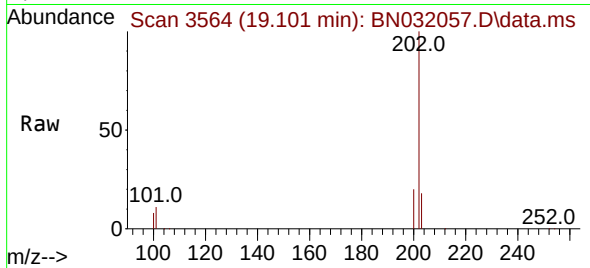
Tgt Ion:178 Resp: 33900
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 18.8 14.8 22.2





#19
Fluoranthene
Concen: 2.477 ng/ul
RT: 19.101 min Scan# 3564
Delta R.T. -0.005 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

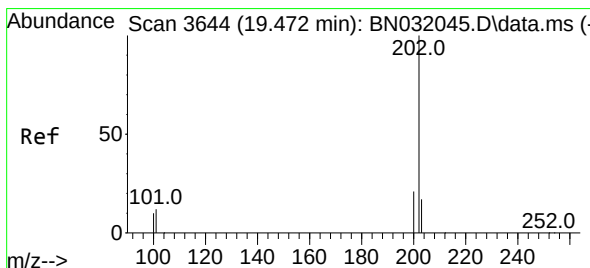
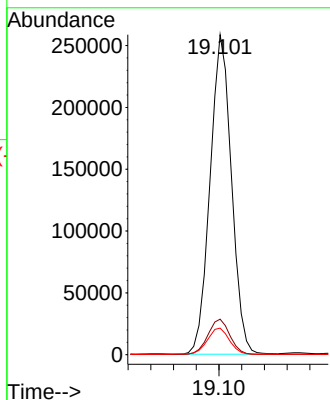
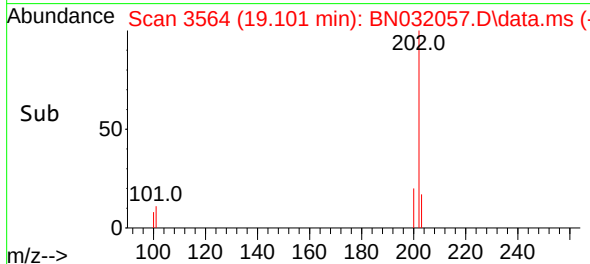
Instrument :
BNA_N
ClientSampleId :
A4BK4



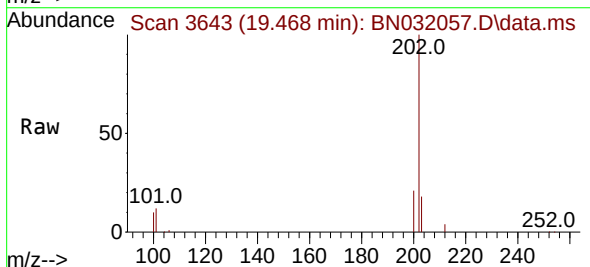
Tgt Ion:202 Resp: 33838
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.3 6.6 9.8

Manual Integrations
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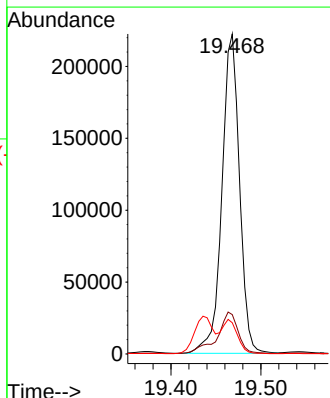
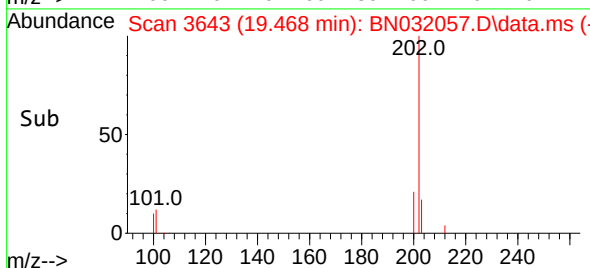
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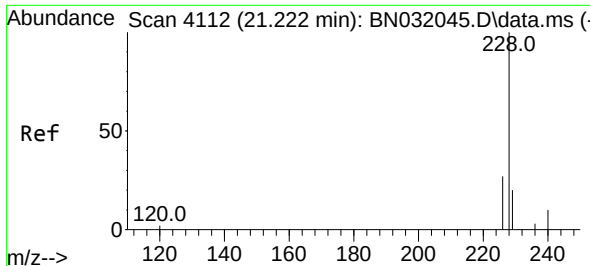


#20
Pyrene
Concen: 2.109 ng/ul
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44



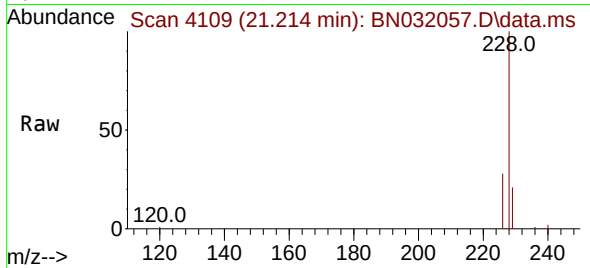
Tgt Ion:202 Resp: 301820
Ion Ratio Lower Upper
202 100
101 12.3 10.5 15.7
100 9.7 8.6 12.8





#21
Benzo(a)anthracene
Concen: 1.323 ng/ul
RT: 21.214 min Scan# 4112
Delta R.T. -0.009 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

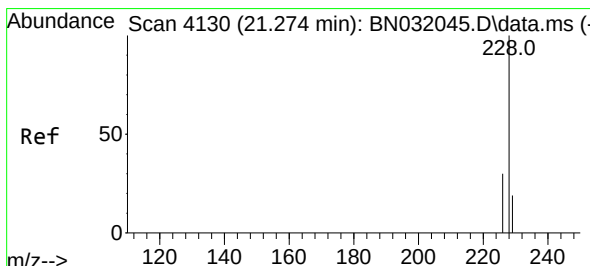
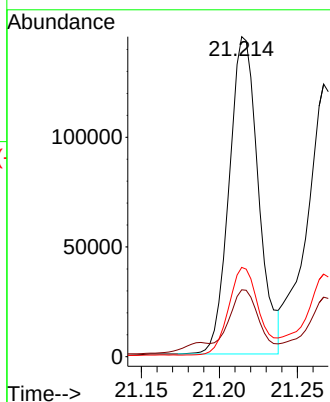
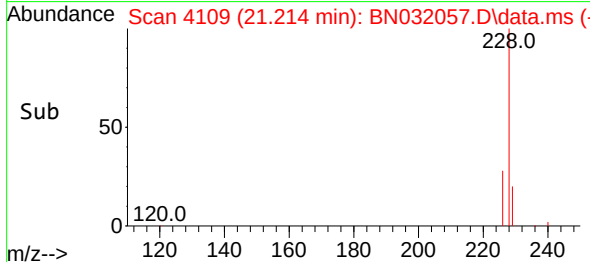
Instrument :
BNA_N
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A4BK4



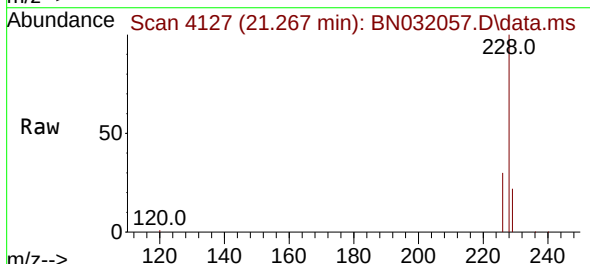
Tgt Ion:228 Resp: 18815
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 27.9 21.7 32.5

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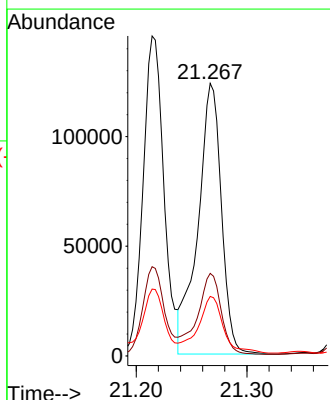
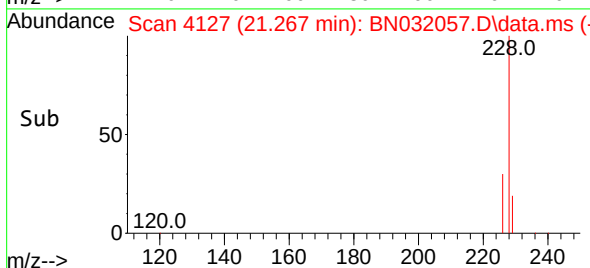
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

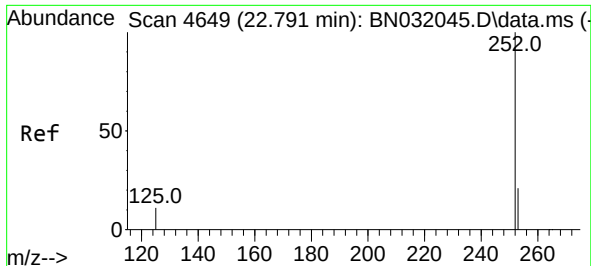


#22
Chrysene
Concen: 1.284 ng/ul
RT: 21.267 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44



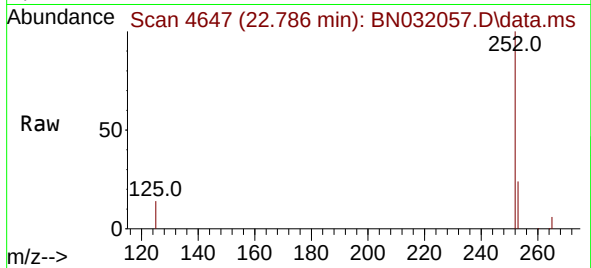
Tgt Ion:228 Resp: 182031
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.9 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 1.469 ng/ul m
RT: 22.786 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

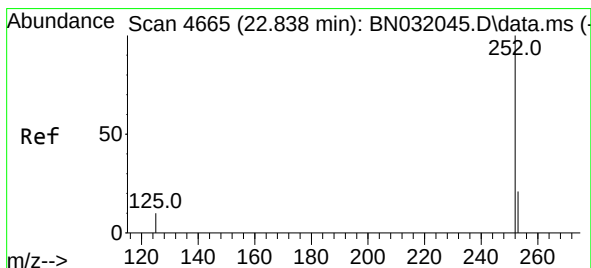
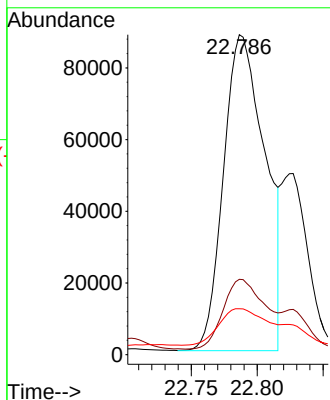
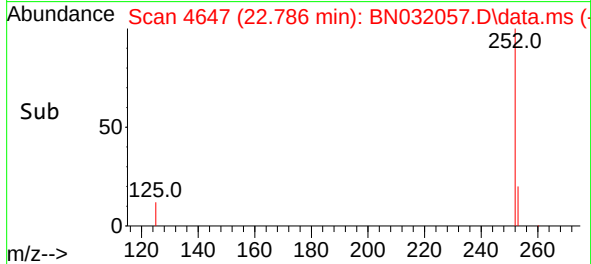
Instrument :
BNA_N
ClientSampleId :
A4BK4



Tgt Ion:252 Resp: 193274
Ion Ratio Lower Upper
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253 23.6 0.0 47.4
125 14.3 0.0 28.8

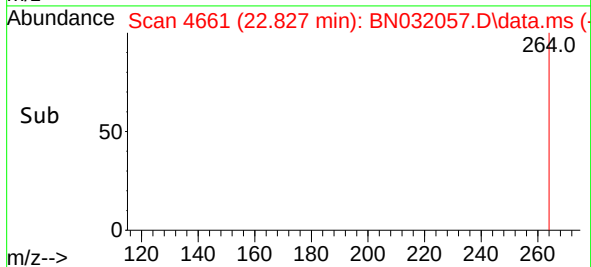
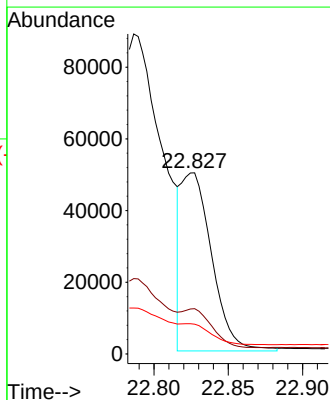
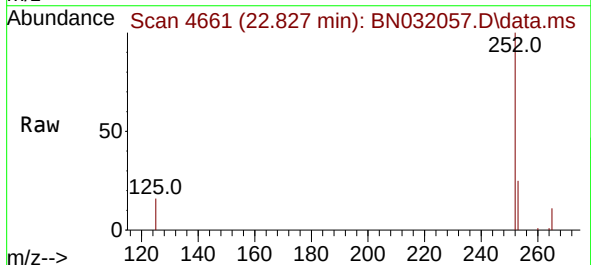
Manual Integrations
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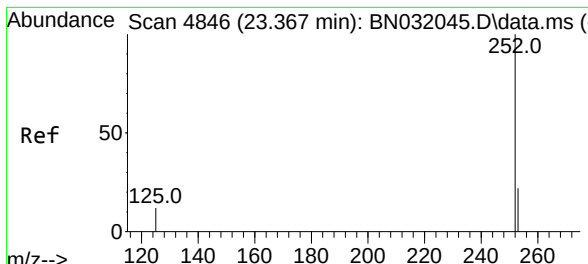
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.563 ng/ul m
RT: 22.827 min Scan# 4661
Delta R.T. -0.009 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

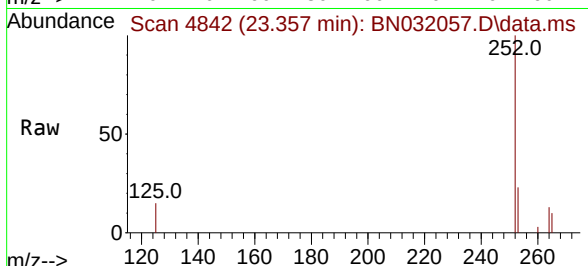
Tgt Ion:252 Resp: 71136
Ion Ratio Lower Upper
252 100
253 25.0 18.8 28.2
125 16.4 11.1 16.7





#26
Benzo(a)pyrene
Concen: 1.372 ng/ul
RT: 23.357 min Scan# 4846
Delta R.T. -0.009 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

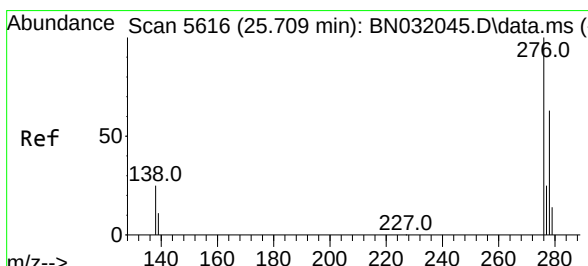
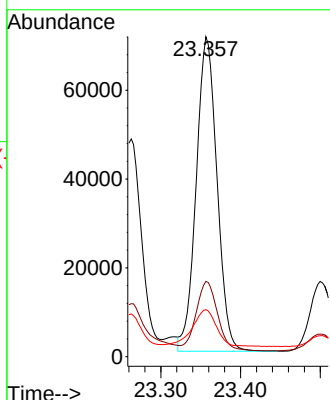
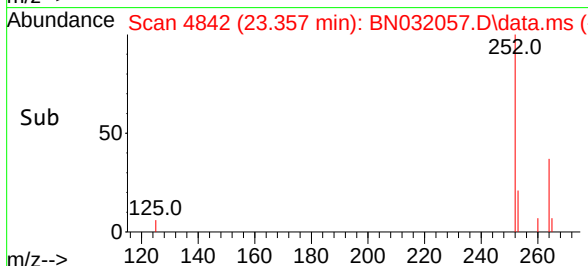
Instrument :
BNA_N
ClientSampleId :
A4BK4



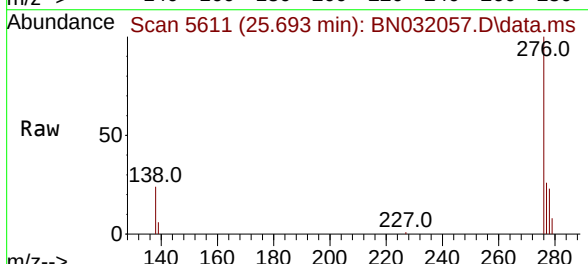
Tgt Ion:252 Resp: 128299
Ion Ratio Lower Upper
252 100
253 23.5 19.9 29.9
125 14.7 13.5 20.3

Manual Integrations
APPROVED

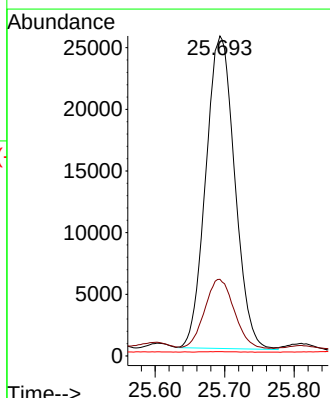
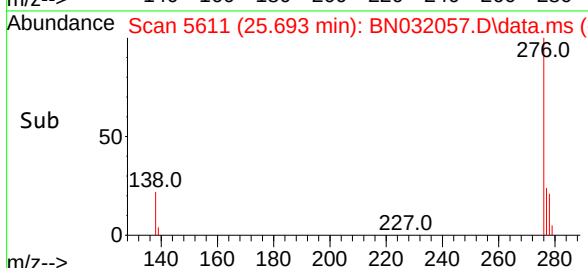
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

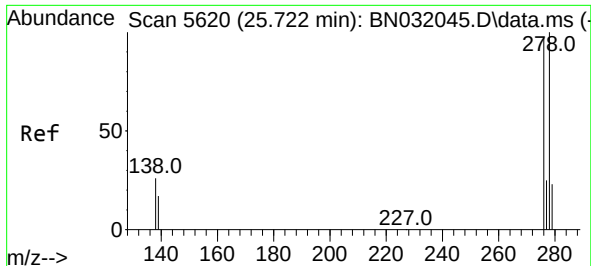


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.581 ng/ul
RT: 25.693 min Scan# 5611
Delta R.T. -0.013 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44



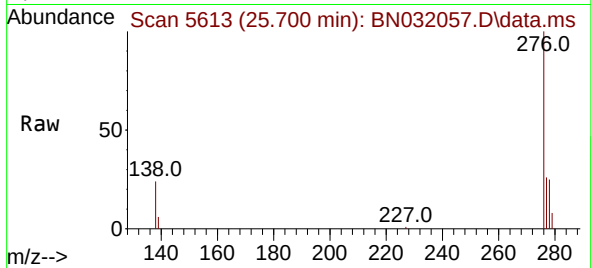
Tgt Ion:276 Resp: 73273
Ion Ratio Lower Upper
276 100
138 22.7 21.0 31.4
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.208 ng/ul
RT: 25.700 min Scan# 501
Delta R.T. -0.023 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44

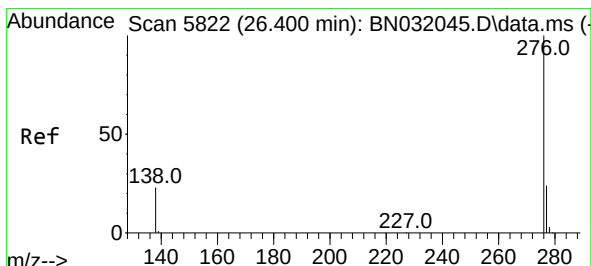
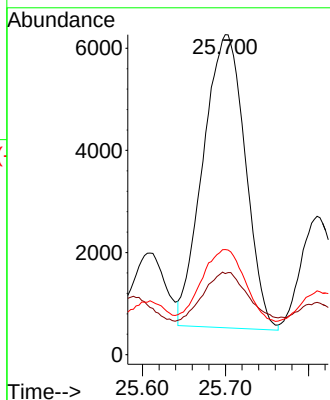
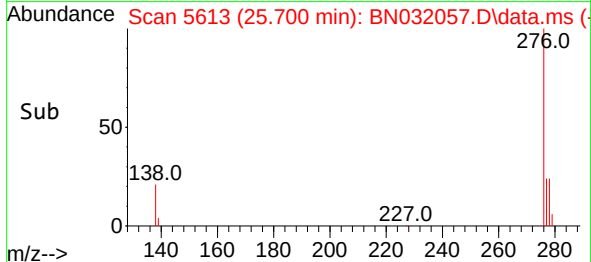
Instrument :
BNA_N
ClientSampleId :
A4BK4



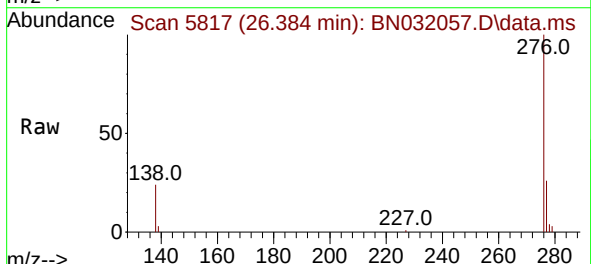
Tgt Ion:278 Resp: 2024
Ion Ratio Lower Upper
278 100
139 25.3 14.9 22.3
279 32.8 20.6 31.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.704 ng/ul
RT: 26.384 min Scan# 5817
Delta R.T. -0.013 min
Lab File: BN032057.D
Acq: 18 Jun 2024 22:44



Tgt Ion:276 Resp: 70594
Ion Ratio Lower Upper
276 100
138 24.2 19.0 28.4
277 25.6 20.4 30.6

