

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032054.D
 Acq On : 18 Jun 2024 20:55
 Operator : MA/JU
 Sample : P2696-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B92

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 22:56:19 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	7.650	152	9742	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	35457	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	23403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	55126	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	37033	0.400	ng/ul	0.00
23) Perylene-d12	23.456	264	29228m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	41503	3.974	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	17189	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	43369	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	13746	0.146	ng/ul	98
7) 2-Methylnaphthalene	12.098	142	7159	0.109	ng/ul	99
8) 1-Methylnaphthalene	12.318	142	6099	0.090	ng/ul	96
10) Acenaphthylene	14.008	152	3543	0.035	ng/ul#	78
11) Acenaphthene	14.350	153	18242	0.244	ng/ul	99
12) Fluorene	15.345	166	24947	0.274	ng/ul	99
15) Phenanthrene	17.079	178	331128	2.130	ng/ul	100
16) Anthracene	17.172	178	48037	0.343	ng/ul	99
19) Fluoranthene	19.101	202	390245	2.861	ng/ul	99
20) Pyrene	19.468	202	311944	2.183	ng/ul	99
21) Benzo(a)anthracene	21.217	228	149116	1.050	ng/ul	98
22) Chrysene	21.270	228	150956	1.066	ng/ul	97
24) Benzo(b)fluoranthene	22.789	252	141426m	1.101	ng/ul	
25) Benzo(k)fluoranthene	22.830	252	58712m	0.476	ng/ul	
26) Benzo(a)pyrene	23.360	252	88735	0.973	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.696	276	54146	0.440	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.700	278	15971	0.168	ng/ul#	77
29) Benzo(g,h,i)perylene	26.387	276	51036	0.522	ng/ul	99

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

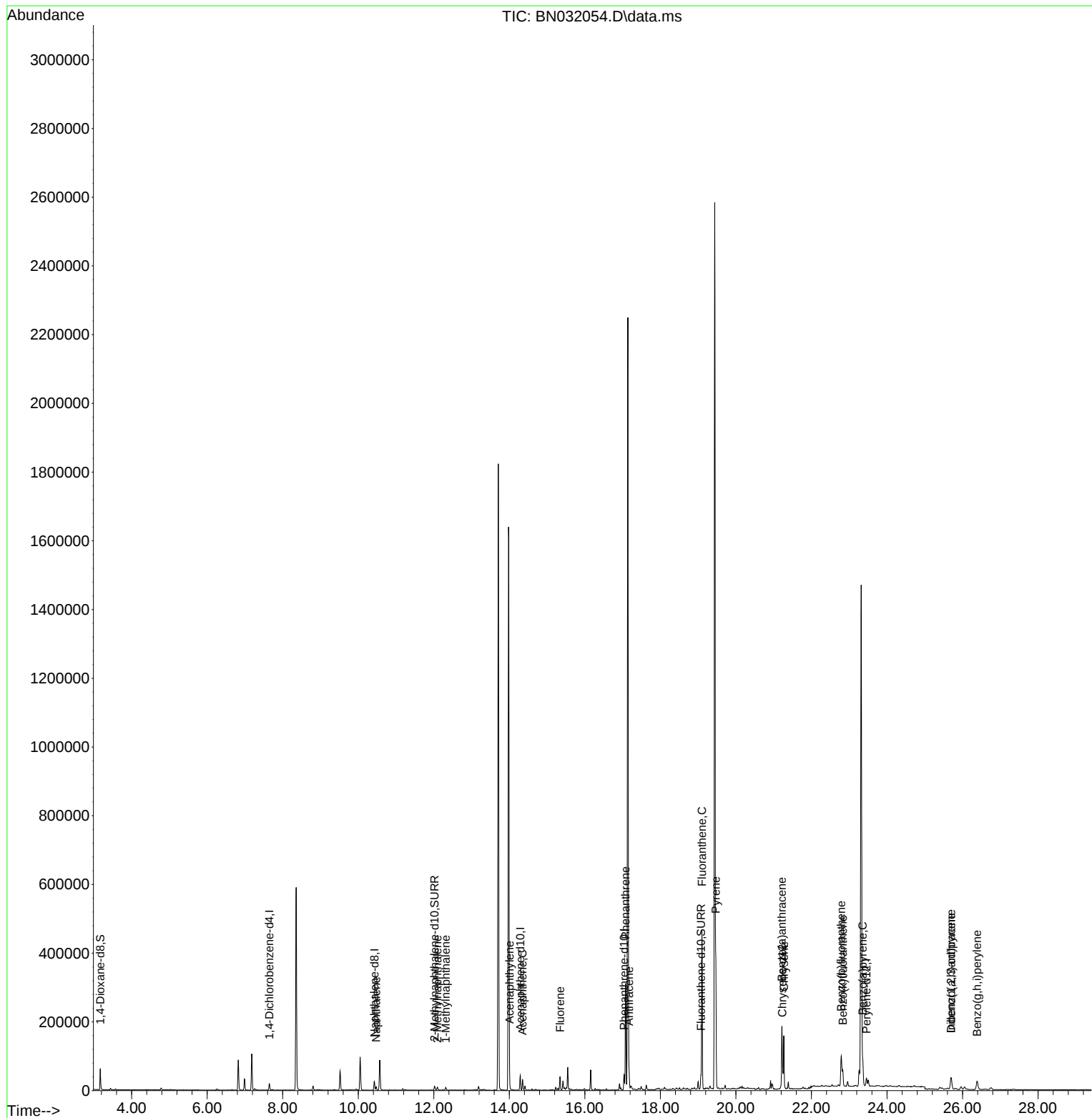
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032054.D
Acq On : 18 Jun 2024 20:55
Operator : MA/JU
Sample : P2696-23
Misc :
ALS Vial : 11 Sample Multiplier: 1

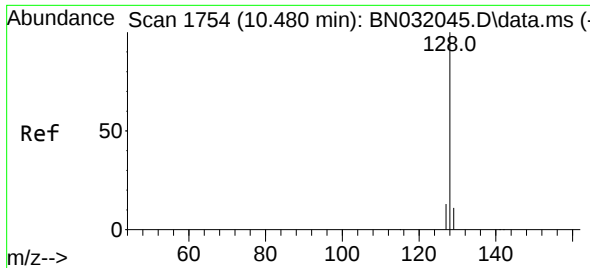
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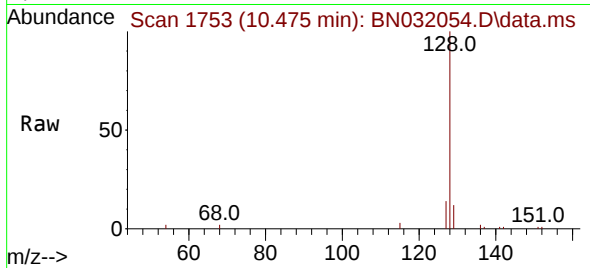
Quant Time: Jun 18 22:56:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.146 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

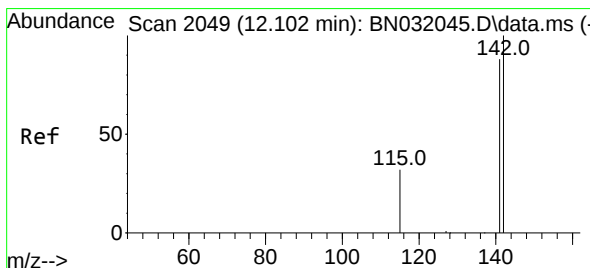
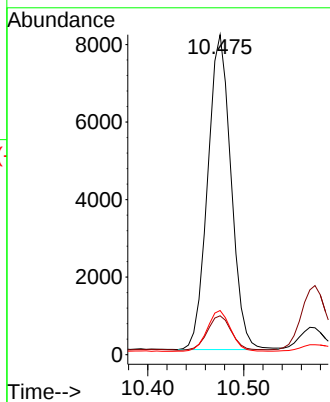
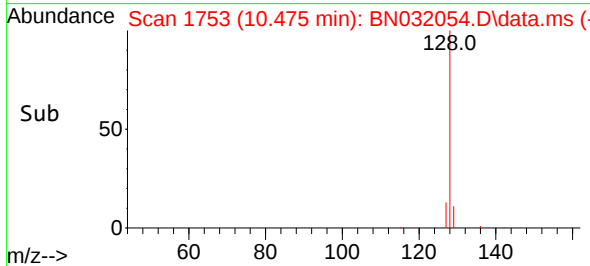
Instrument :
BNA_N
ClientSampleId :
A4B92



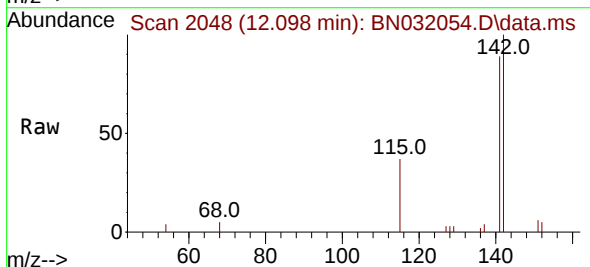
Tgt Ion:128 Resp: 13740
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 13.8 10.3 15.5

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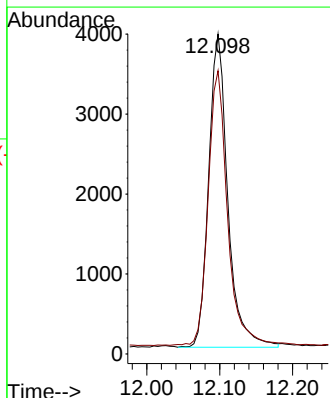
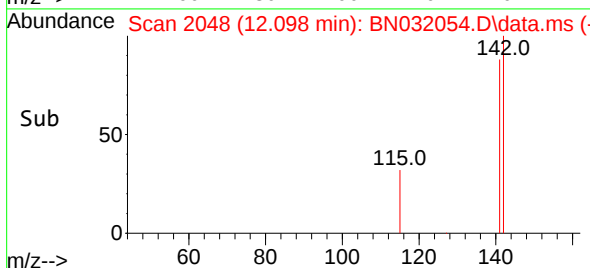
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

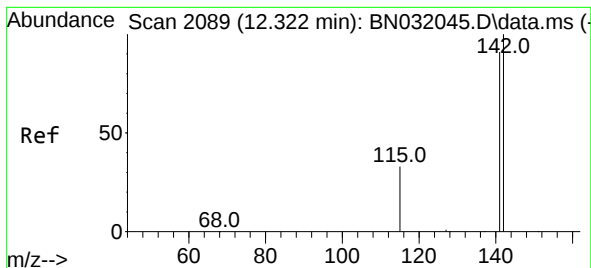


#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.098 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55



Tgt Ion:142 Resp: 7159
Ion Ratio Lower Upper
142 100
141 88.2 69.7 104.5





#8

1-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 12.318 min Scan# 2088

Delta R.T. -0.005 min

Lab File: BN032054.D

Acq: 18 Jun 2024 20:55

Instrument :

BNA_N

ClientSampleId :

A4B92

Tgt Ion:142 Resp: 6099

Ion Ratio Lower Upper

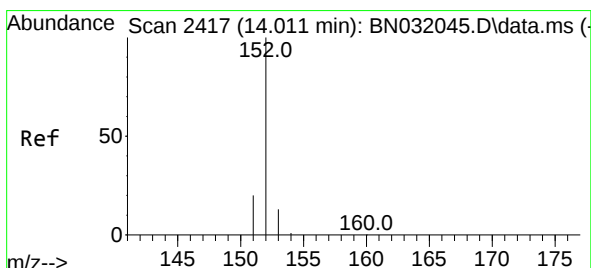
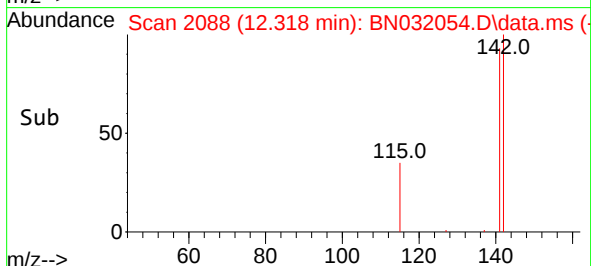
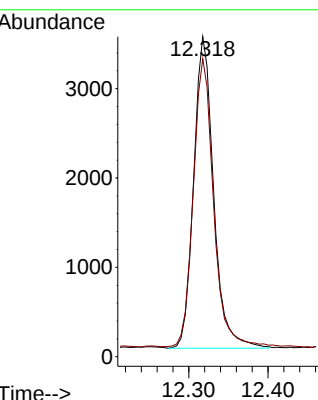
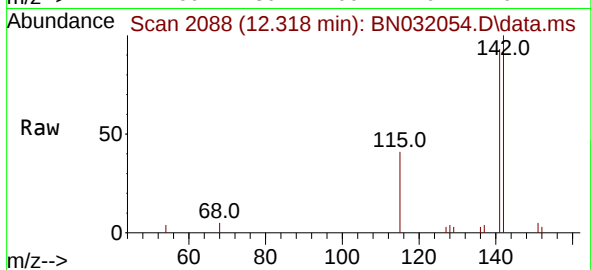
142 100

141 93.2 71.7 107.5

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#10

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.008 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BN032054.D

Acq: 18 Jun 2024 20:55

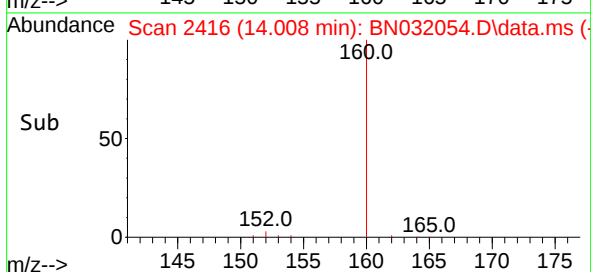
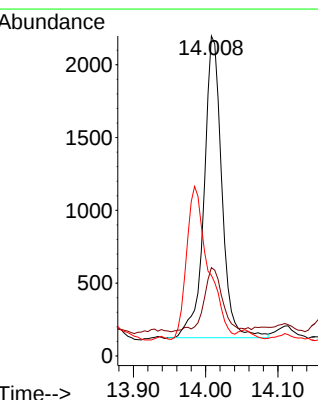
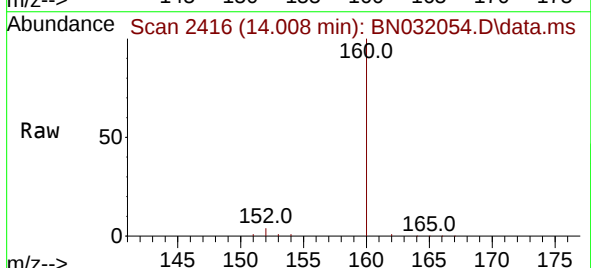
Tgt Ion:152 Resp: 3543

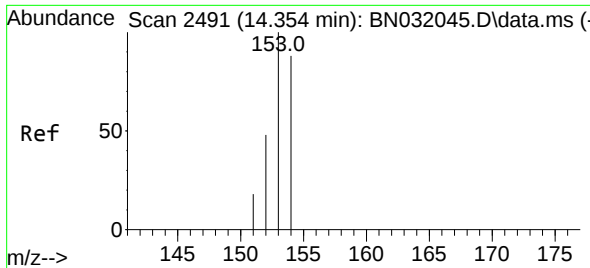
Ion Ratio Lower Upper

152 100

151 27.6 16.1 24.1#

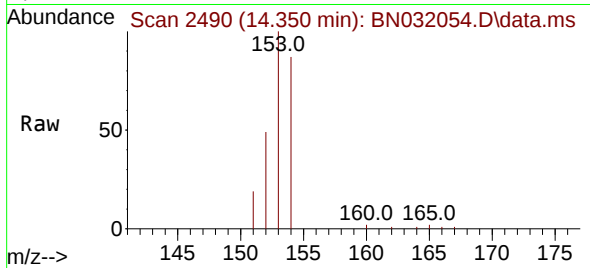
153 25.2 10.6 16.0#





#11
Acenaphthene
Concen: 0.244 ng/u1
RT: 14.350 min Scan# 2491
Delta R.T. -0.004 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

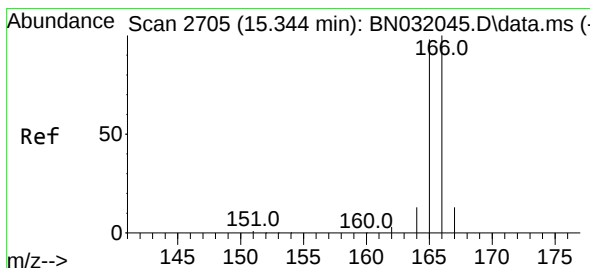
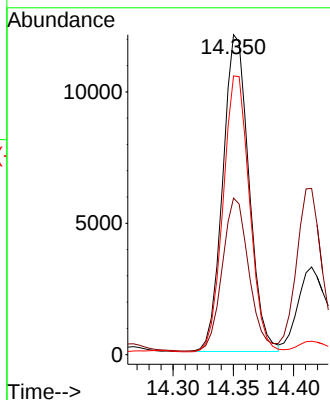
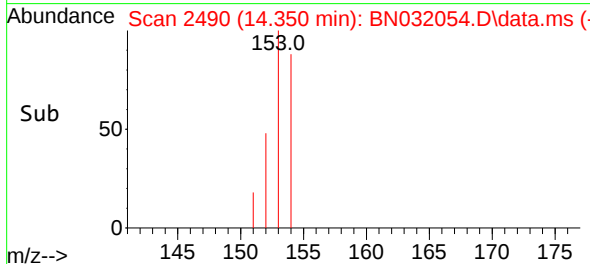
Instrument :
BNA_N
ClientSampleId :
A4B92



Tgt Ion:153 Resp: 1824
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.2
154 87.1 71.2 106.8

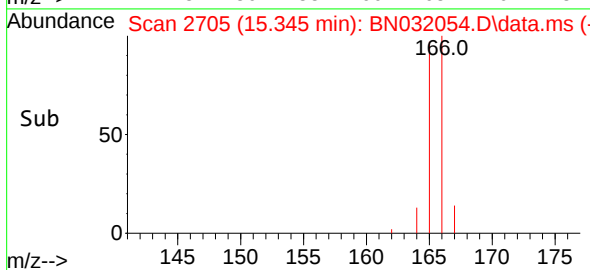
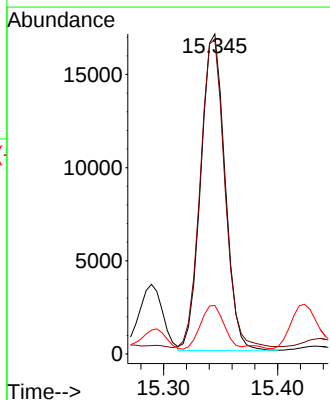
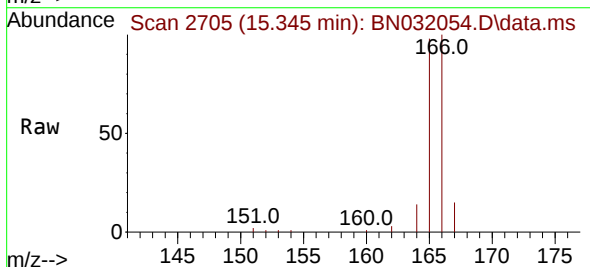
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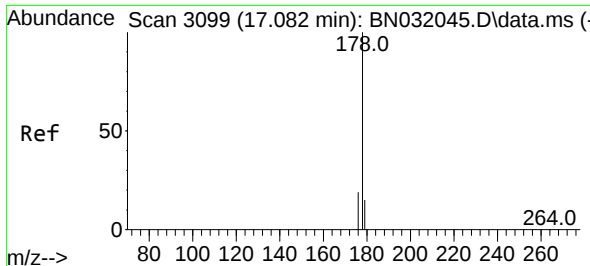
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.274 ng/u1
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Tgt Ion:166 Resp: 24947
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 15.2 11.0 16.6





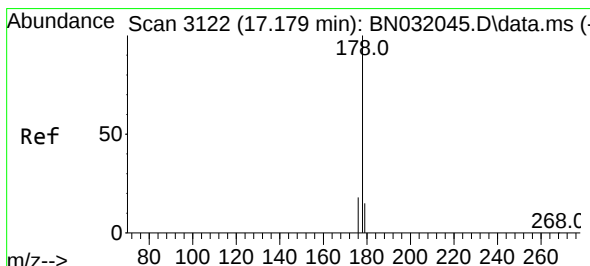
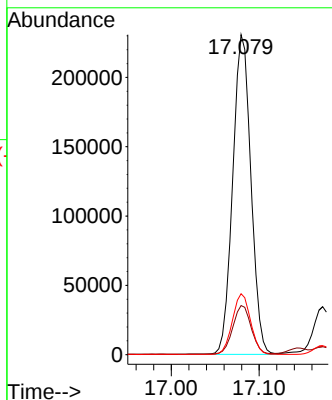
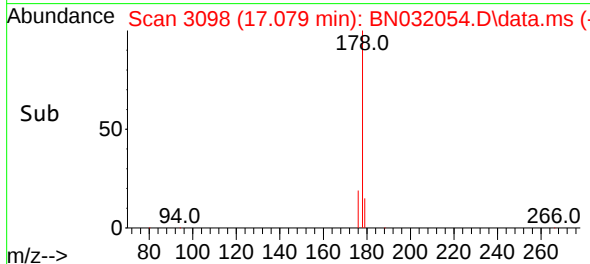
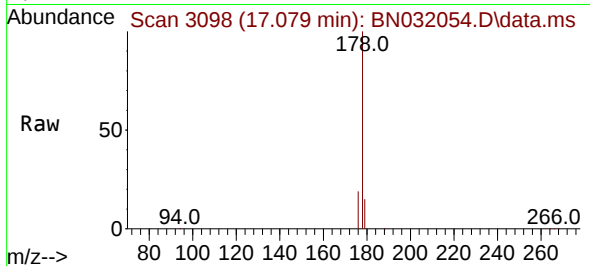
#15
Phenanthrene
Concen: 2.130 ng/u1
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

Instrument : BNA_N
ClientSampleId : A4B92

Tgt Ion:178 Resp: 331128
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.1 15.3 22.9

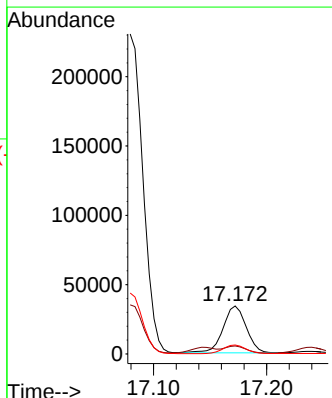
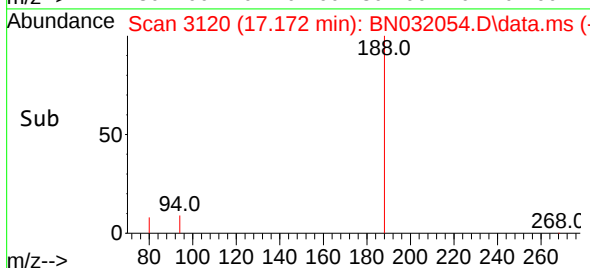
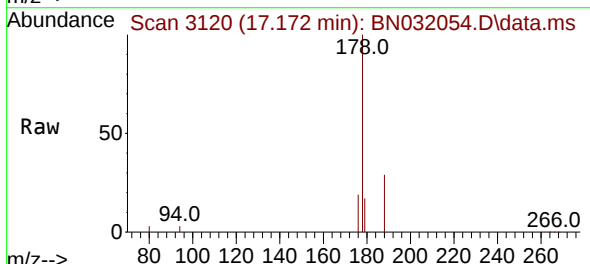
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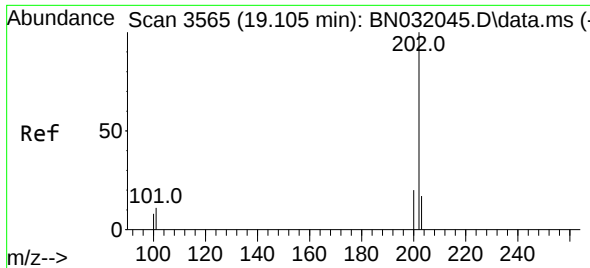
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.343 ng/u1
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

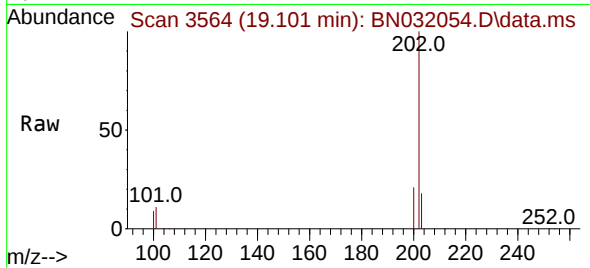
Tgt Ion:178 Resp: 48037
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 18.8 14.8 22.2





#19
Fluoranthene
Concen: 2.861 ng/ul
RT: 19.101 min Scan# 3564
Delta R.T. -0.005 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

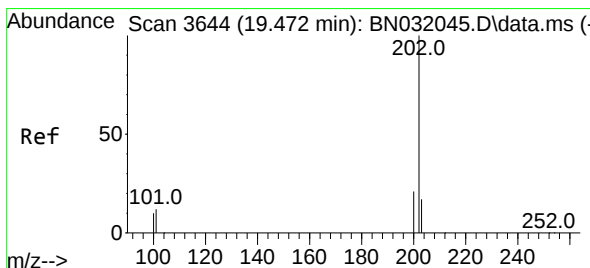
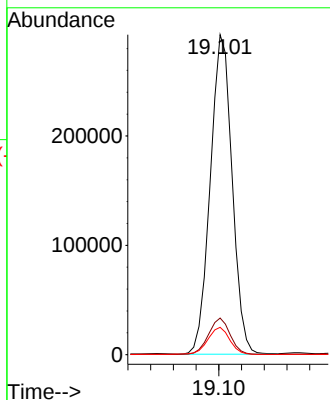
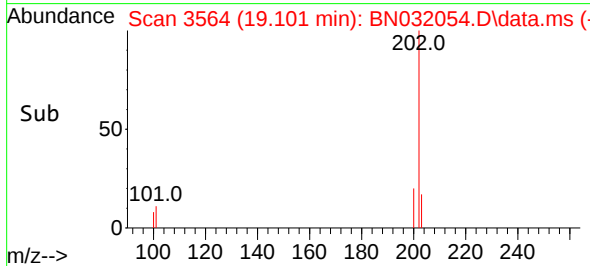
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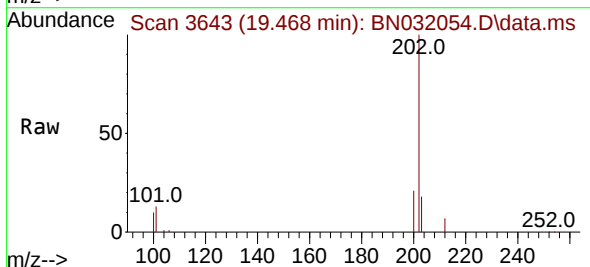
Tgt Ion:202 Resp: 390245
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.6 6.6 9.8

Manual Integrations
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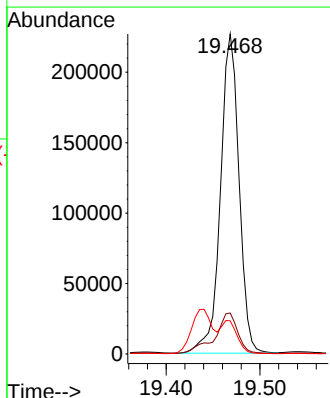
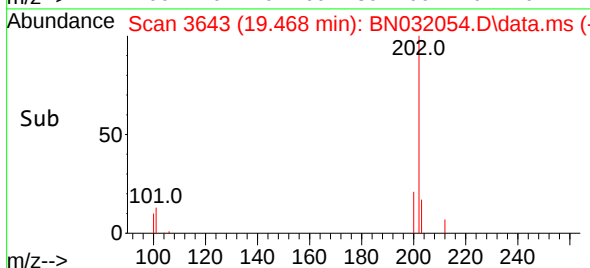
Reviewed By :Jagrut Upadhyay 06/19/2024
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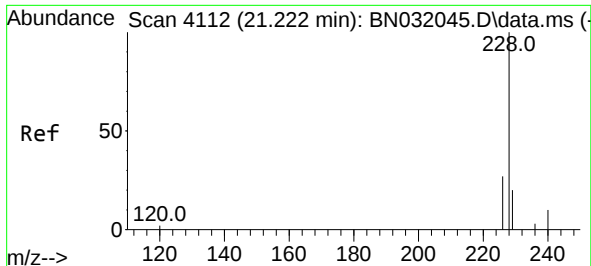


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Pyrene
Concen: 2.183 ng/ul
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55



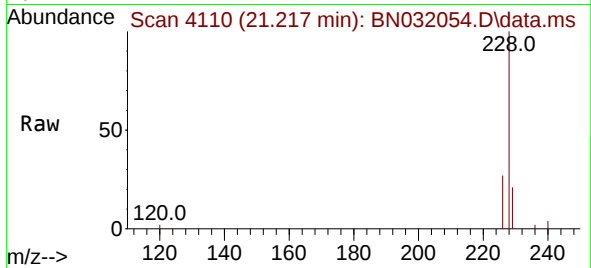
Tgt Ion:202 Resp: 311944
Ion Ratio Lower Upper
202 100
101 12.8 10.5 15.7
100 10.4 8.6 12.8





#21
Benzo(a)anthracene
Concen: 1.050 ng/u1
RT: 21.217 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

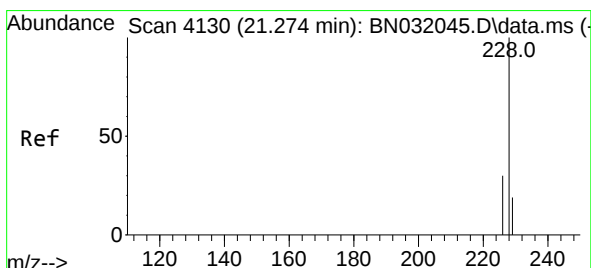
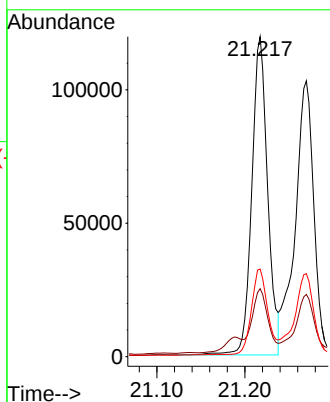
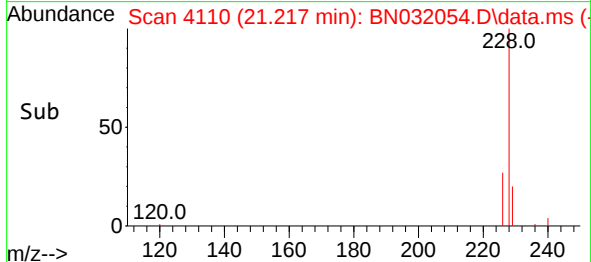
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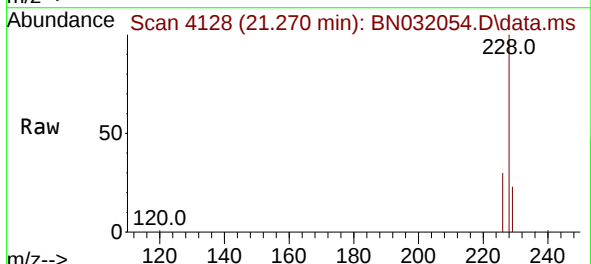
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Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 27.4 21.7 32.5

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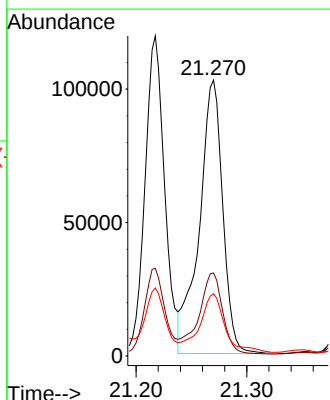
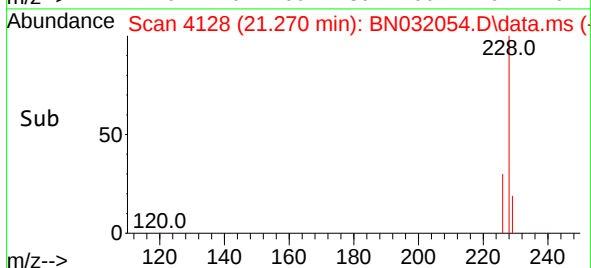
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

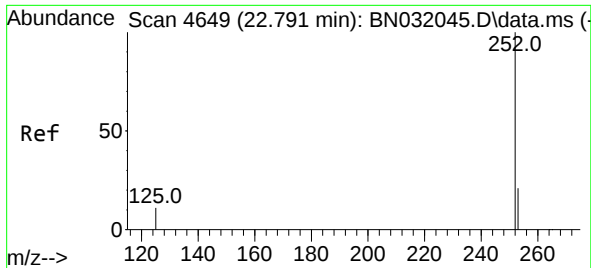


#22
Chrysene
Concen: 1.066 ng/u1
RT: 21.270 min Scan# 4128
Delta R.T. -0.006 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55



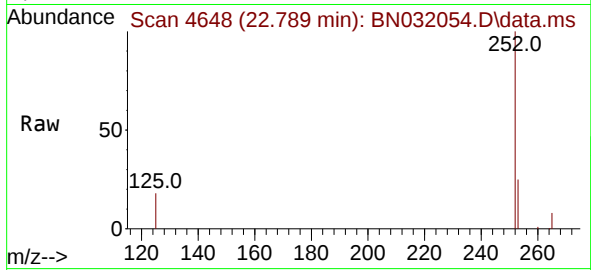
Tgt Ion:228 Resp: 150956
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 22.6 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 1.101 ng/ul m
RT: 22.789 min Scan# 4649
Delta R.T. -0.003 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

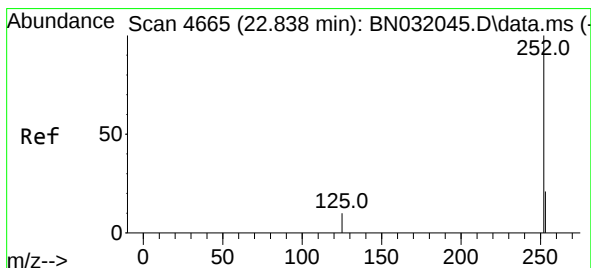
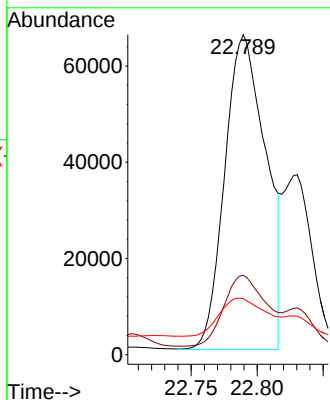
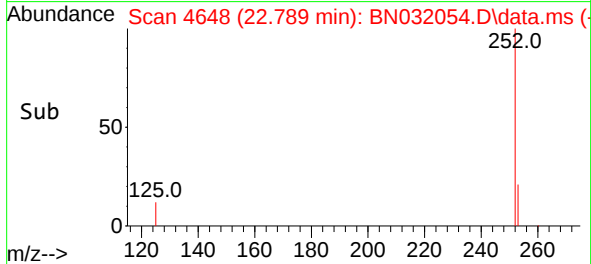
Instrument :
BNA_N
ClientSampleId :
A4B92



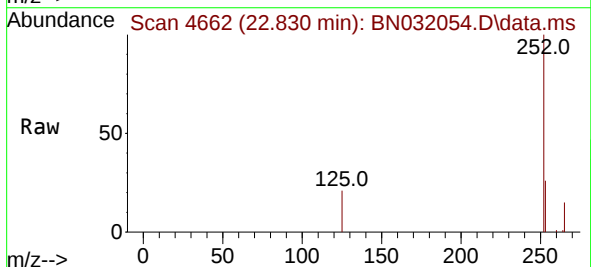
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Ion Ratio Lower Upper
252 100
253 24.8 0.0 47.4
125 17.5 0.0 28.8

Manual Integrations
APPROVED

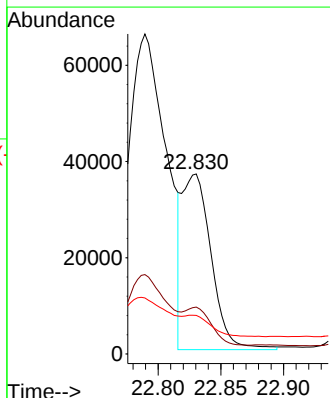
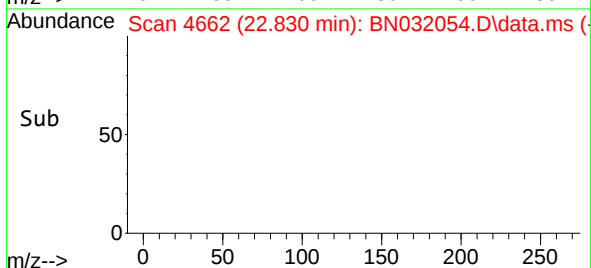
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

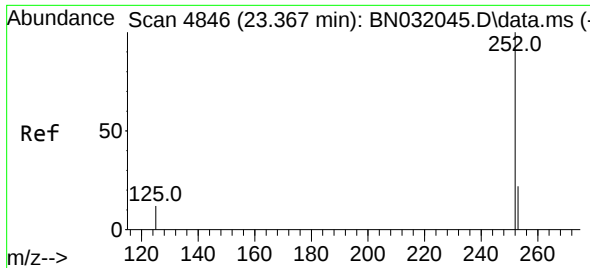


#25
Benzo(k)fluoranthene
Concen: 0.476 ng/ul m
RT: 22.830 min Scan# 4662
Delta R.T. -0.006 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55



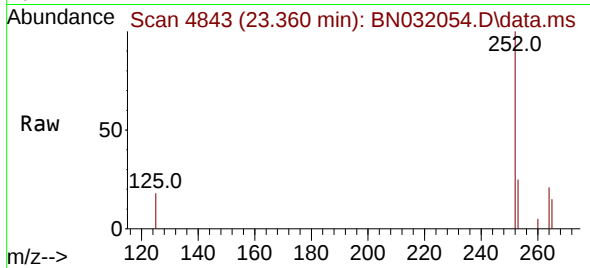
Tgt Ion:252 Resp: 58712
Ion Ratio Lower Upper
252 100
253 26.0 18.8 28.2
125 21.5 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 0.973 ng/ul
RT: 23.360 min Scan# 4846
Delta R.T. -0.006 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

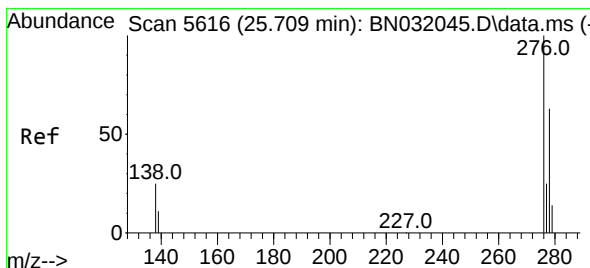
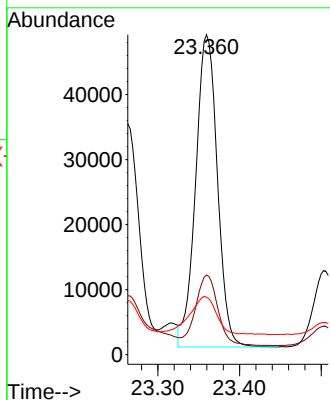
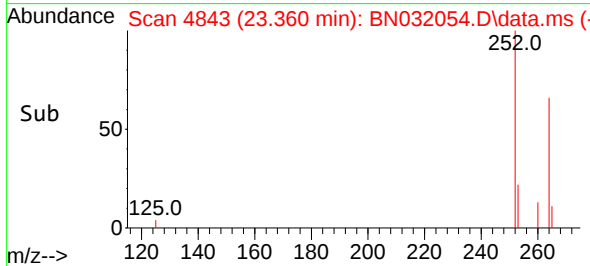
Instrument :
BNA_N
ClientSampleId :
A4B92



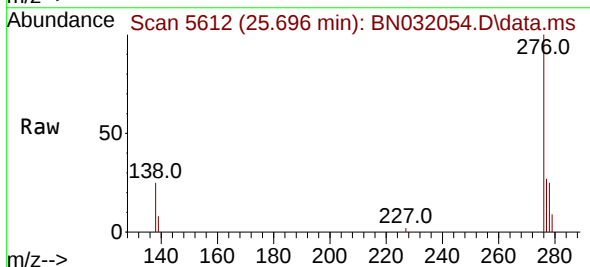
Tgt Ion:252 Resp: 88735
Ion Ratio Lower Upper
252 100
253 24.9 19.9 29.9
125 18.0 13.5 20.3

Manual Integrations
APPROVED

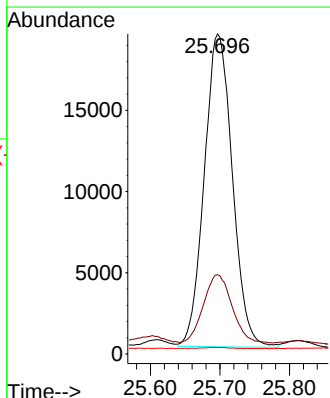
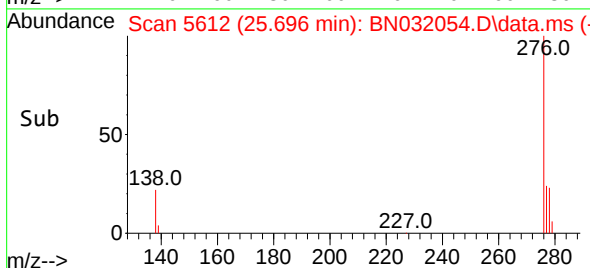
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

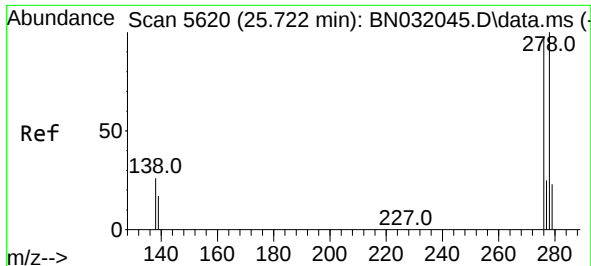


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 25.696 min Scan# 5612
Delta R.T. -0.010 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55



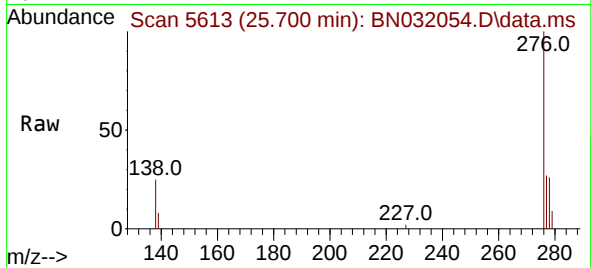
Tgt Ion:276 Resp: 54146
Ion Ratio Lower Upper
276 100
138 22.9 21.0 31.4
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul
RT: 25.700 min Scan# 5197
Delta R.T. -0.023 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55

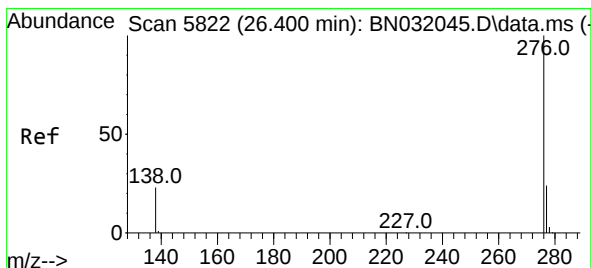
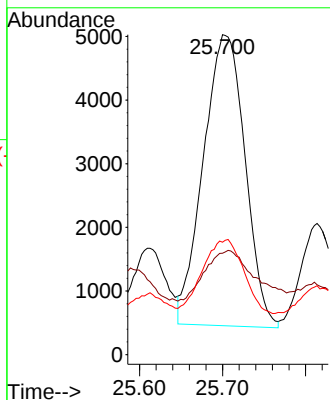
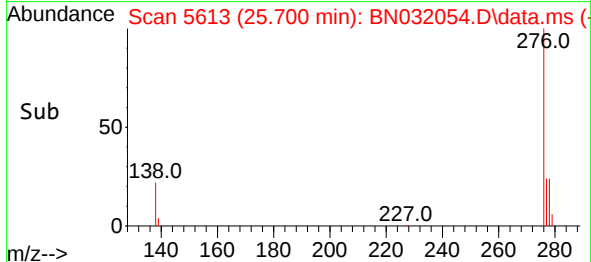
Instrument :
BNA_N
ClientSampleId :
A4B92



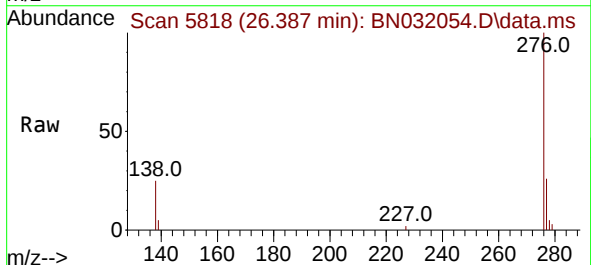
Tgt Ion:278 Resp: 1597
Ion Ratio Lower Upper
278 100
139 31.7 14.9 22.3
279 35.2 20.6 31.0

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



#29
Benzo(g,h,i)perylene
Concen: 0.522 ng/ul
RT: 26.387 min Scan# 5818
Delta R.T. -0.010 min
Lab File: BN032054.D
Acq: 18 Jun 2024 20:55



Tgt Ion:276 Resp: 51036
Ion Ratio Lower Upper
276 100
138 24.7 19.0 28.4
277 25.8 20.4 30.6

