

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032058.D
 Acq On : 18 Jun 2024 23:20
 Operator : MA/JU
 Sample : P2696-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B90

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 23:48:57 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	9825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	34636	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	22314	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	54161	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	31192	0.400	ng/ul	# 0.00
23) Perylene-d12	23.453	264	28499	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	39795	3.778	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	16062	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	38233	0.405	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.475	128	34540	0.375	ng/ul	100
7) 2-Methylnaphthalene	12.092	142	17286	0.269	ng/ul	98
8) 1-Methylnaphthalene	12.318	142	15351	0.231	ng/ul	97
10) Acenaphthylene	14.008	152	50188	0.527	ng/ul	98
11) Acenaphthene	14.350	153	49040	0.689	ng/ul	99
12) Fluorene	15.340	166	80638	0.928	ng/ul	99
14) Pentachlorophenol	16.699	266	381	0.030	ng/ul#	78
15) Phenanthrene	17.079	178	1566074	10.255	ng/ul	100
16) Anthracene	17.172	178	256656	1.868	ng/ul	100
19) Fluoranthene	19.101	202	2590213	22.542	ng/ul	99
20) Pyrene	19.468	202	1757552	14.603	ng/ul	99
21) Benzo(a)anthracene	21.214	228	1010318	8.445	ng/ul	98
22) Chrysene	21.267	228	1060190	8.888	ng/ul	97
24) Benzo(b)fluoranthene	22.789	252	1193103m	9.530	ng/ul	
25) Benzo(k)fluoranthene	22.827	252	435943m	3.626	ng/ul	
26) Benzo(a)pyrene	23.357	252	398190	4.476	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.696	276	363324	3.028	ng/ul	94
28) Dibenzo(a,h)anthracene	25.703	278	132309	1.428	ng/ul	94
29) Benzo(g,h,i)perylene	26.384	276	51245	0.537	ng/ul#	89

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

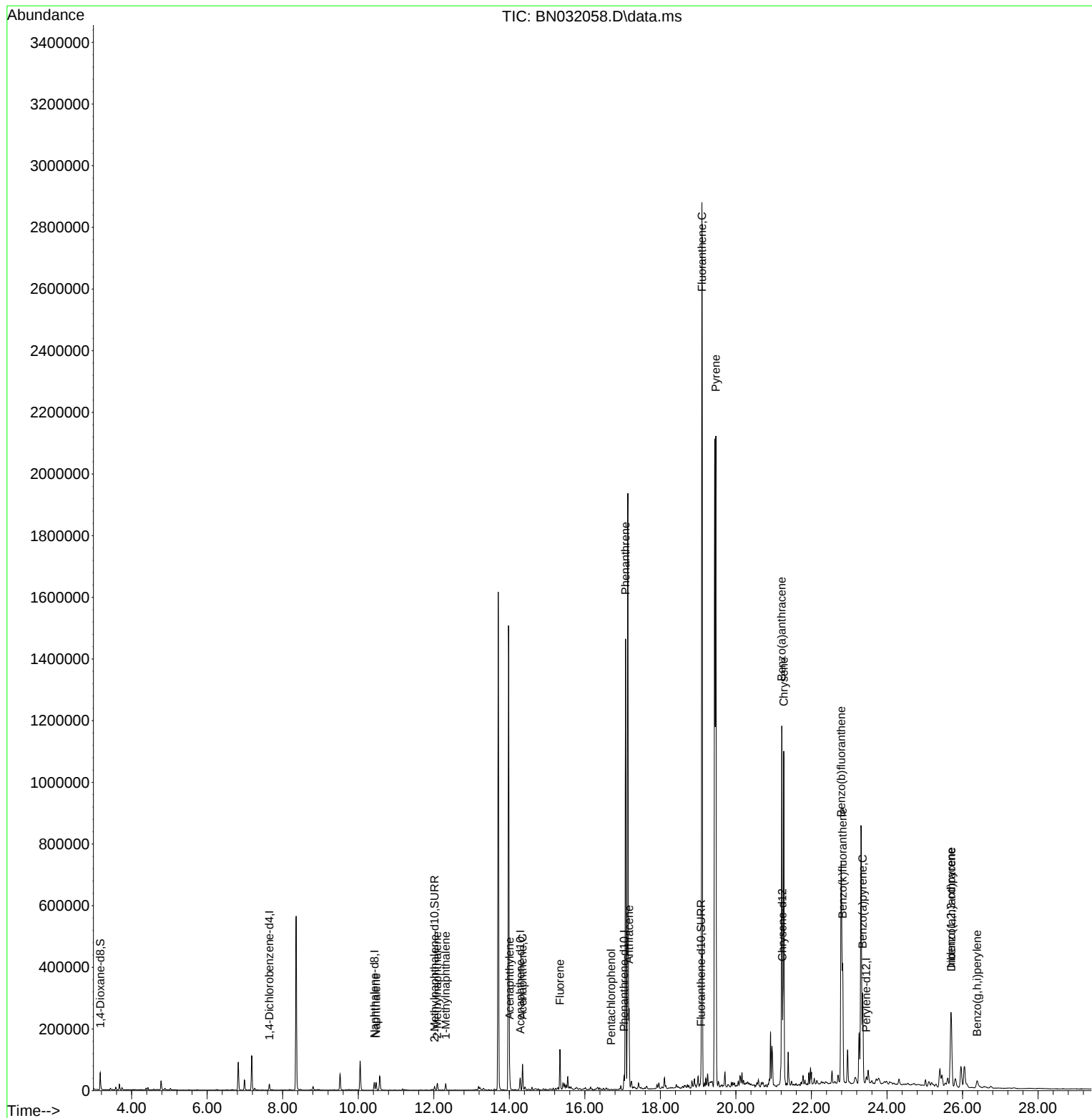
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032058.D
Acq On : 18 Jun 2024 23:20
Operator : MA/JU
Sample : P2696-21
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ALS Vial : 15 Sample Multiplier: 1

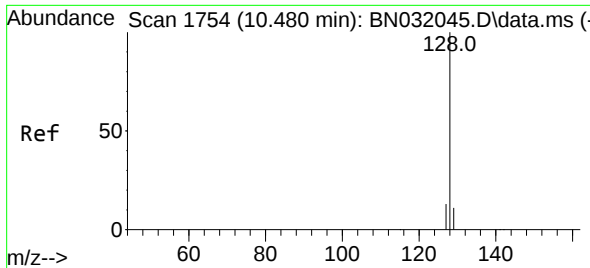
Instrument :
BNA_N
ClientSampleId :
A4B90

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

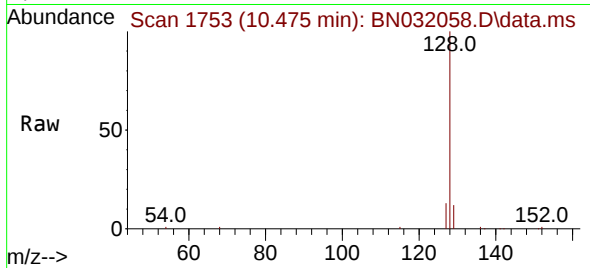
Quant Time: Jun 18 23:48:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.475 min Scan# 1754
Delta R.T. -0.005 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

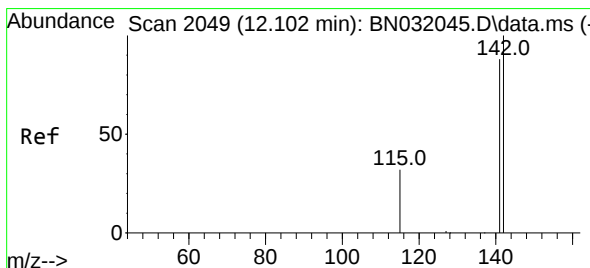
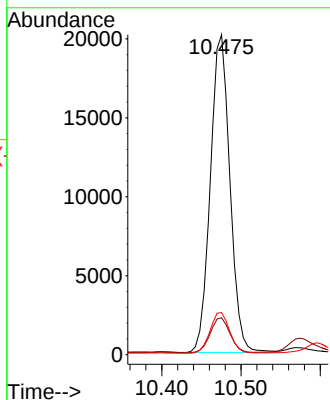
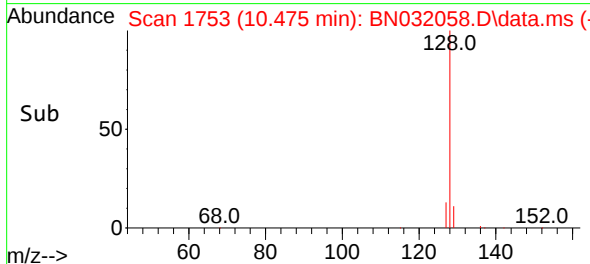
Instrument :
BNA_N
ClientSampleId :
A4B90



Tgt Ion:128 Resp: 34540
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.2 10.3 15.5

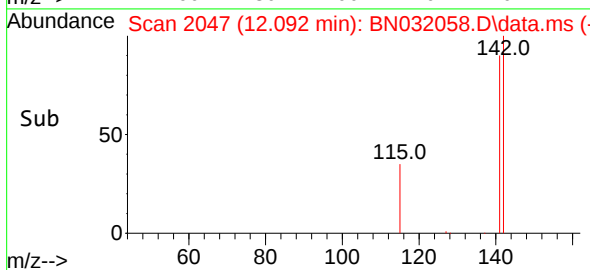
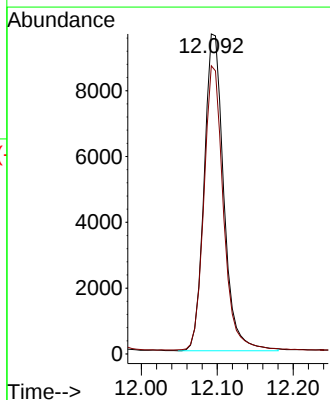
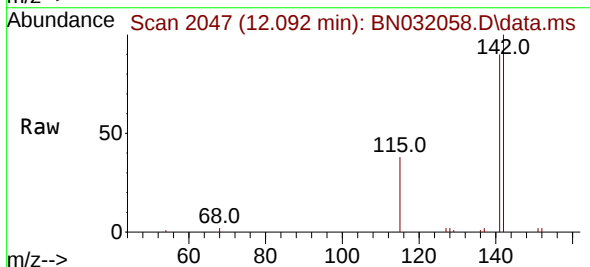
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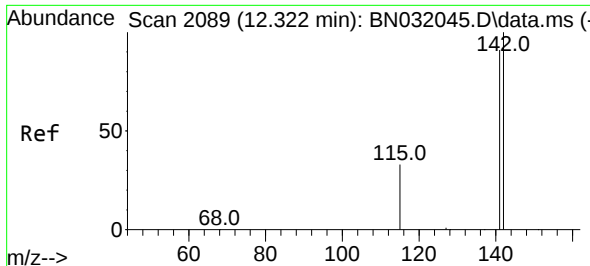
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.269 ng/ul
RT: 12.092 min Scan# 2047
Delta R.T. -0.011 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

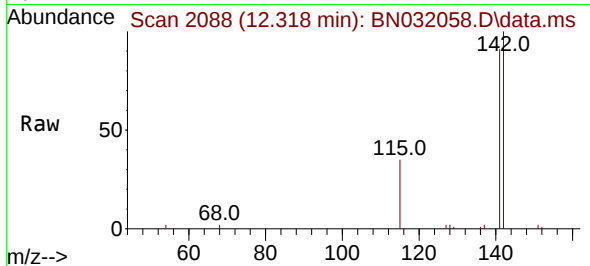
Tgt Ion:142 Resp: 17286
Ion Ratio Lower Upper
142 100
141 88.9 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.231 ng/ul
RT: 12.318 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

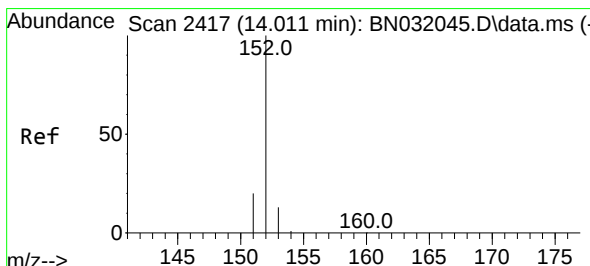
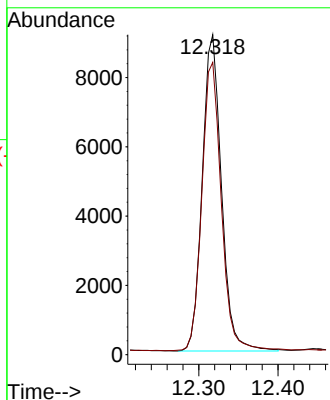
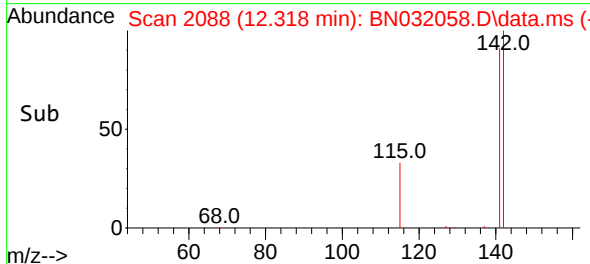
Instrument :
BNA_N
ClientSampleId :
A4B90



Tgt Ion:142 Resp: 1535
Ion Ratio Lower Upper
142 100
141 92.4 71.7 107.5

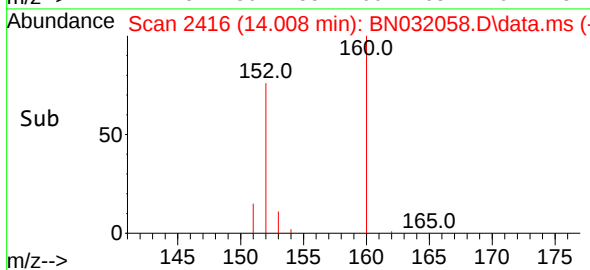
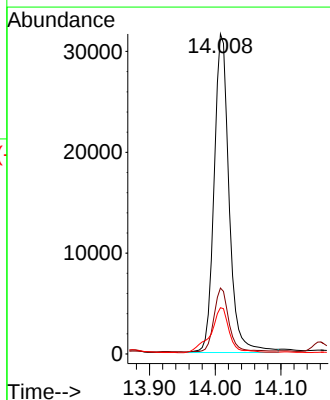
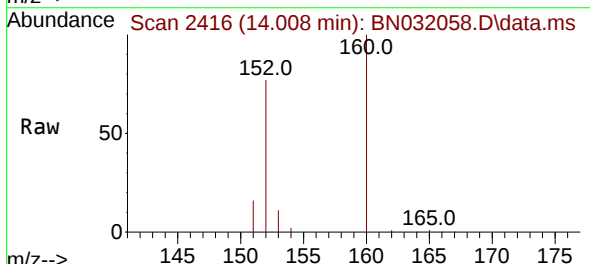
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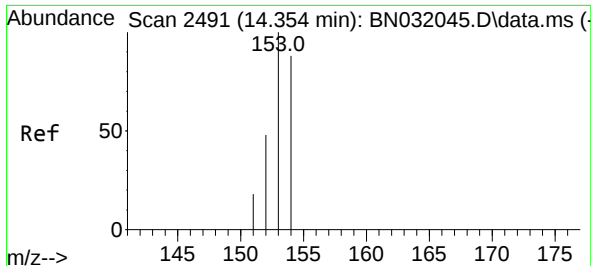
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.527 ng/ul
RT: 14.008 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

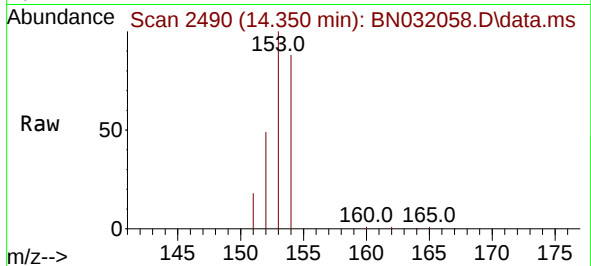
Tgt Ion:152 Resp: 50188
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.5 10.6 16.0





#11
Acenaphthene
Concen: 0.689 ng/ul
RT: 14.350 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

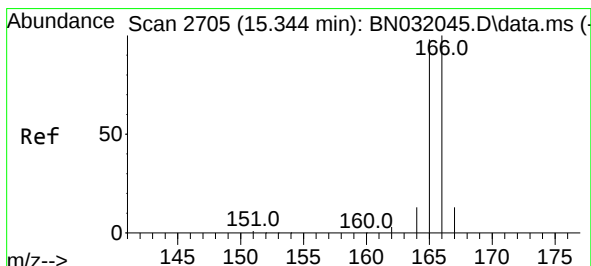
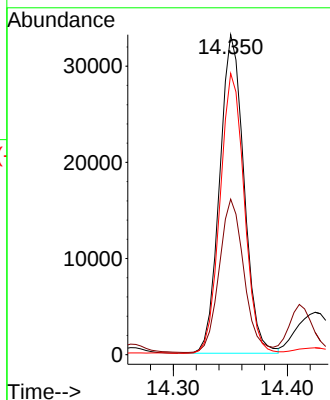
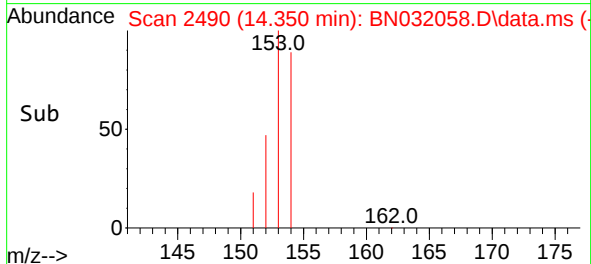
Instrument :
BNA_N
ClientSampleId :
A4B90



Tgt Ion:153 Resp: 49040
Ion Ratio Lower Upper
153 100
152 48.6 39.4 59.2
154 87.9 71.2 106.8

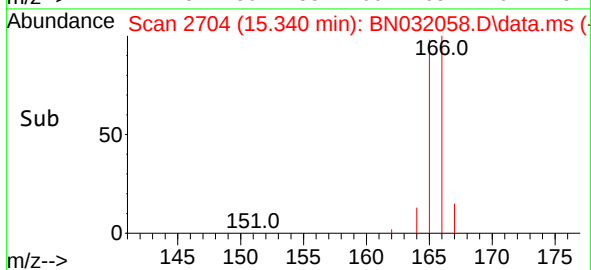
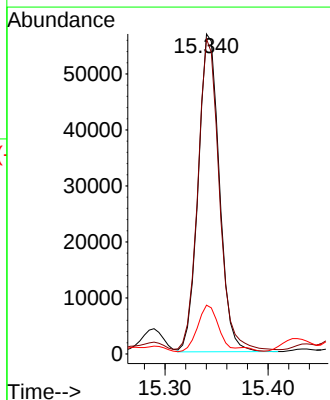
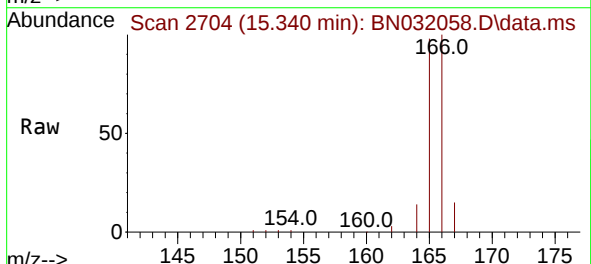
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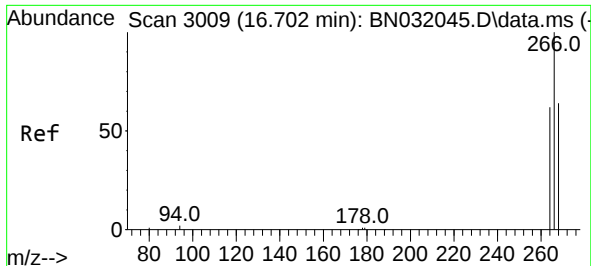
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.928 ng/ul
RT: 15.340 min Scan# 2704
Delta R.T. -0.005 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

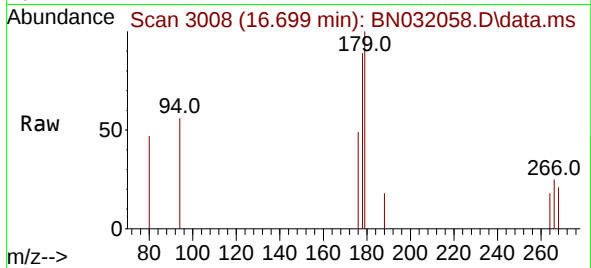
Tgt Ion:166 Resp: 80638
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 15.2 11.0 16.6





#14
Pentachlorophenol
Concen: 0.030 ng/uI
RT: 16.699 min Scan# 3008
Delta R.T. 0.000 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

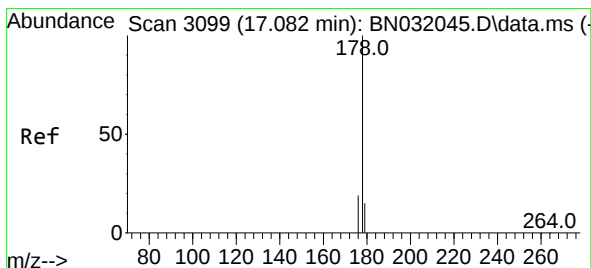
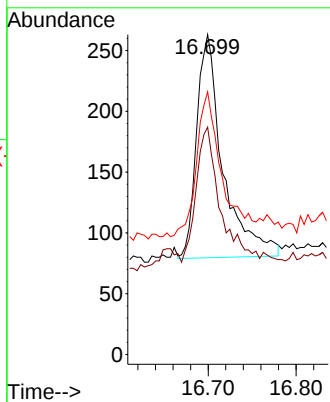
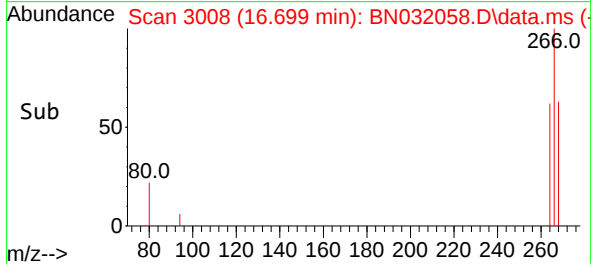
Instrument :
BNA_N
ClientSampleId :
A4B90



Tgt Ion:266 Resp: 381
Ion Ratio Lower Upper
266 100
264 59.6 38.2 57.4
268 66.9 38.9 58.3

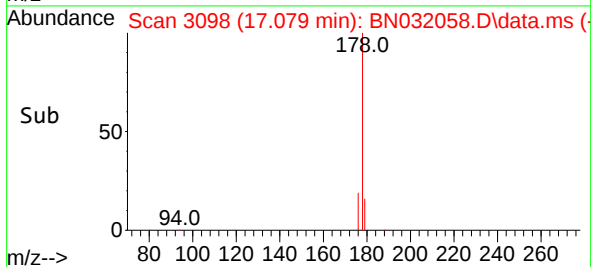
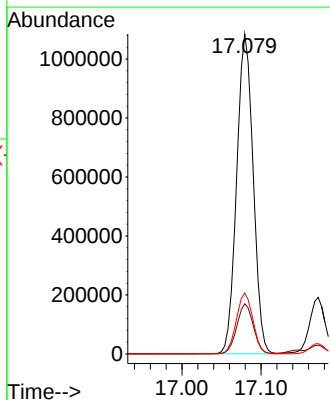
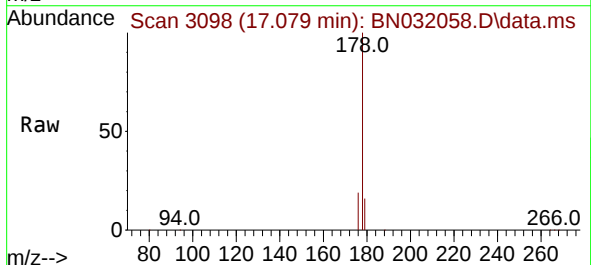
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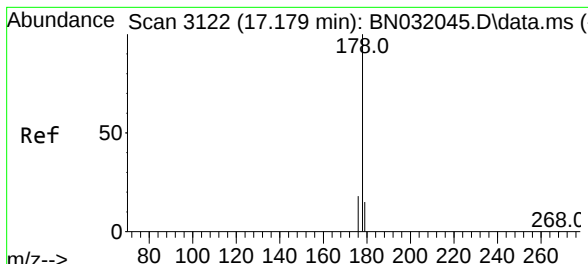
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 10.255 ng/uI
RT: 17.079 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

Tgt Ion:178 Resp: 1566074
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.1 15.3 22.9





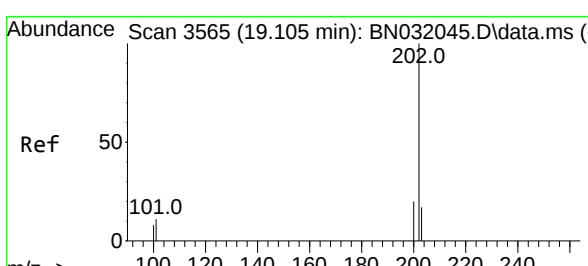
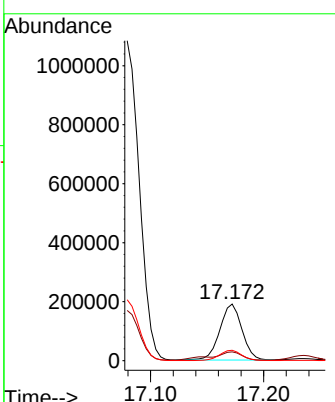
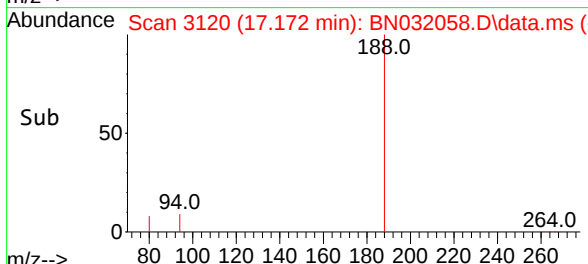
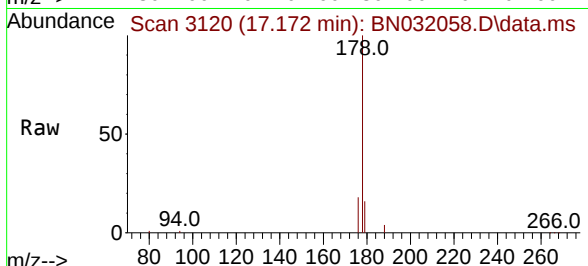
#16
 Anthracene
 Concen: 1.868 ng/ul
 RT: 17.172 min Scan# 3120
 Delta R.T. -0.004 min
 Lab File: BN032058.D
 Acq: 18 Jun 2024 23:20

Instrument : BNA_N
 ClientSampleId : A4B90

Tgt Ion:178 Resp: 256650

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	18.4	14.8	22.2

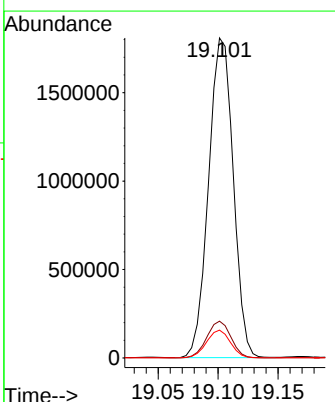
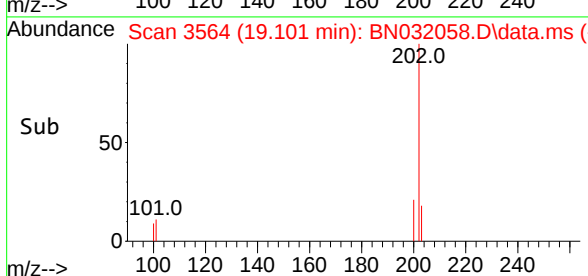
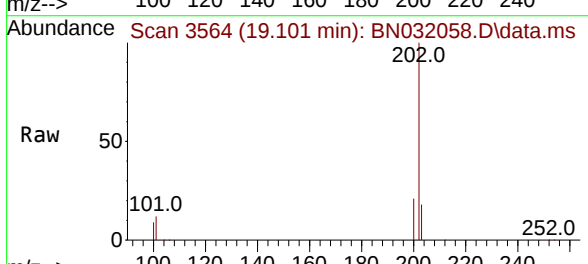
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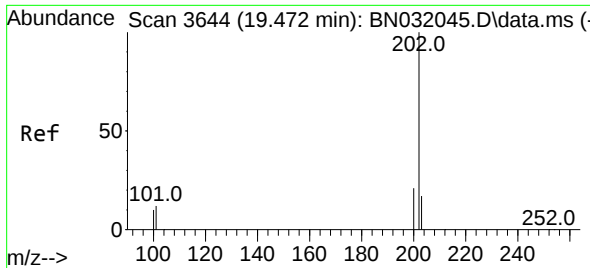


#19
 Fluoranthene
 Concen: 22.542 ng/ul
 RT: 19.101 min Scan# 3564
 Delta R.T. -0.005 min
 Lab File: BN032058.D
 Acq: 18 Jun 2024 23:20

Tgt Ion:202 Resp: 2590213

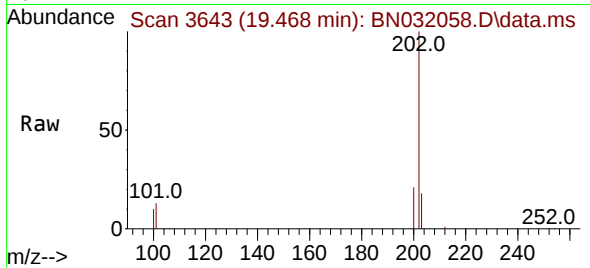
Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.7	6.6	9.8





#20
Pyrene
Concen: 14.603 ng/u1
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

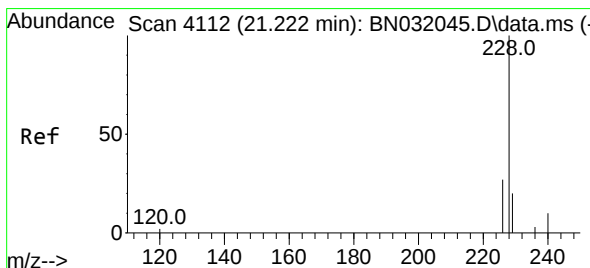
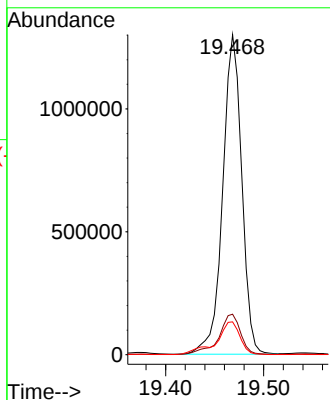
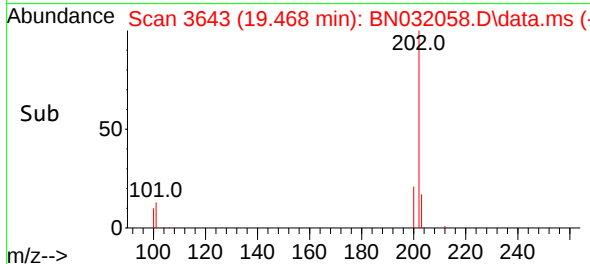
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ClientSampleId :
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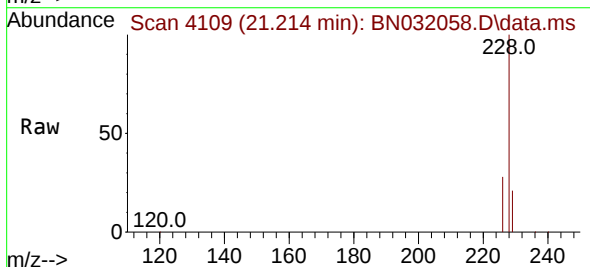
Tgt Ion:202 Resp: 1757552
Ion Ratio Lower Upper
202 100
101 12.7 10.5 15.7
100 10.2 8.6 12.8

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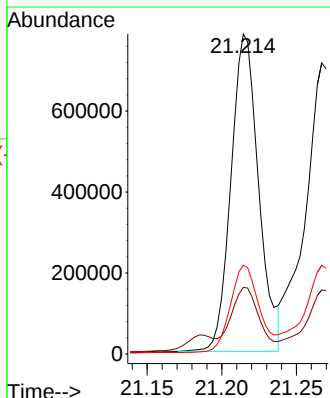
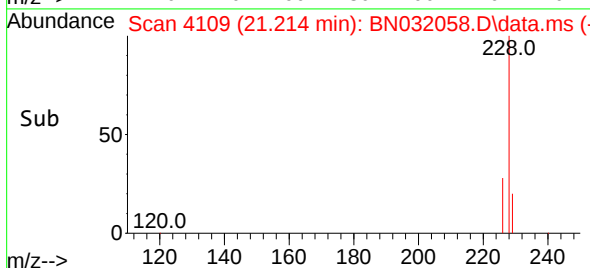
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

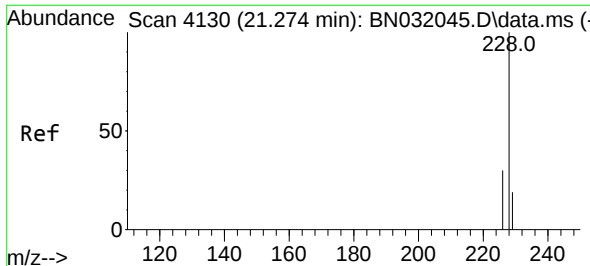


#21
Benzo(a)anthracene
Concen: 8.445 ng/u1
RT: 21.214 min Scan# 4109
Delta R.T. -0.009 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20



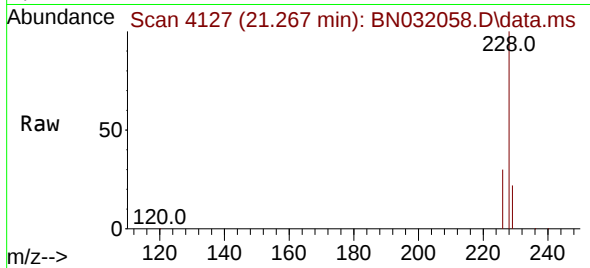
Tgt Ion:228 Resp: 1010318
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.7 21.7 32.5





#22
Chrysene
Concen: 8.888 ng/ul
RT: 21.267 min Scan# 4130
Delta R.T. -0.009 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

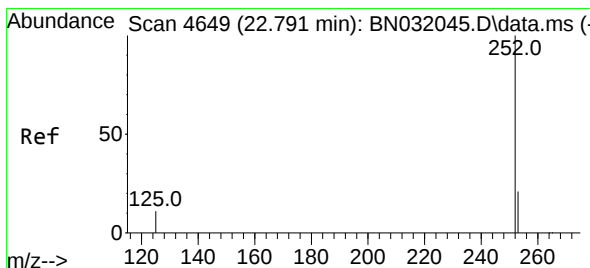
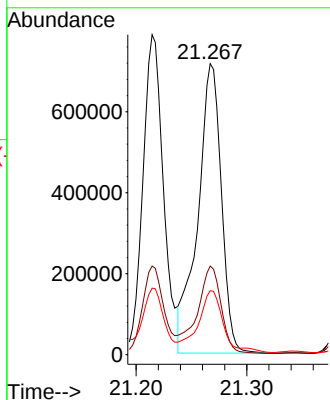
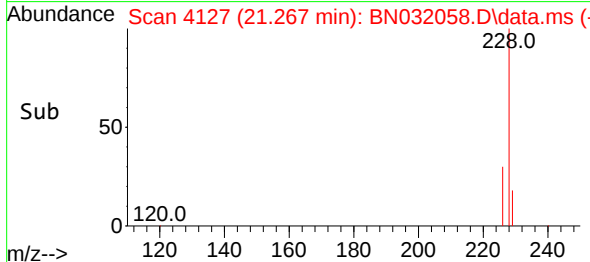
Instrument :
BNA_N
ClientSampleId :
A4B90



Tgt Ion:228 Resp: 1060190
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 22.0 15.6 23.4

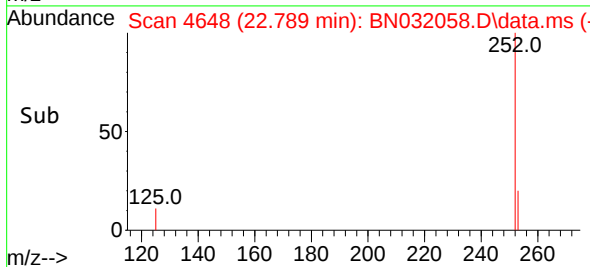
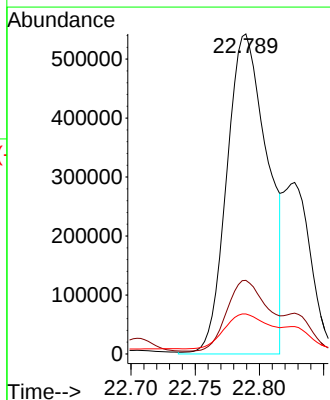
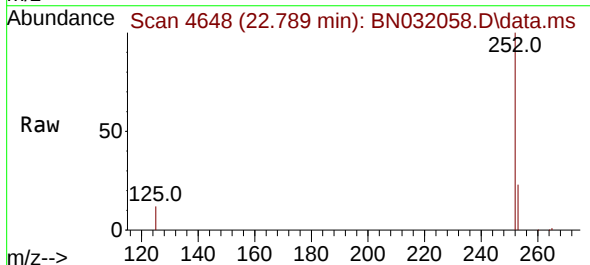
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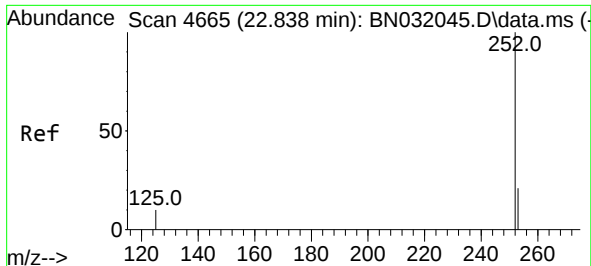
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#24
Benzo(b)fluoranthene
Concen: 9.530 ng/ul m
RT: 22.789 min Scan# 4648
Delta R.T. -0.003 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

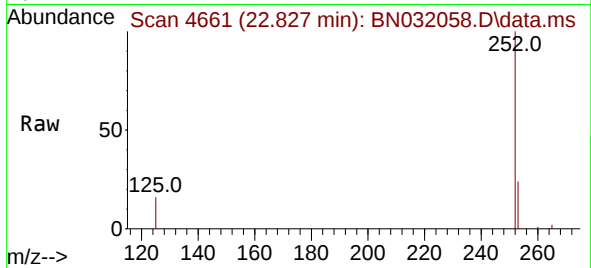
Tgt Ion:252 Resp: 1193103
Ion Ratio Lower Upper
252 100
253 23.0 0.0 47.4
125 12.5 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 3.626 ng/ul m
RT: 22.827 min Scan# 4661
Delta R.T. -0.009 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

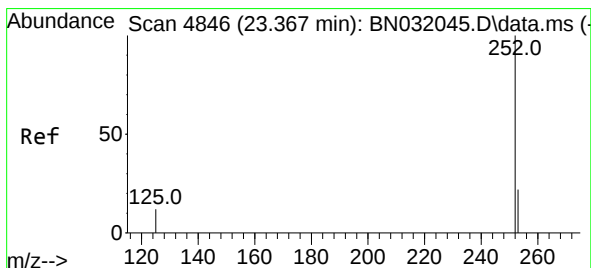
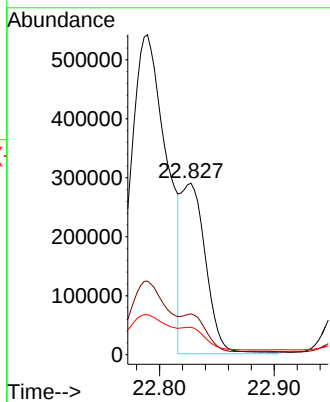
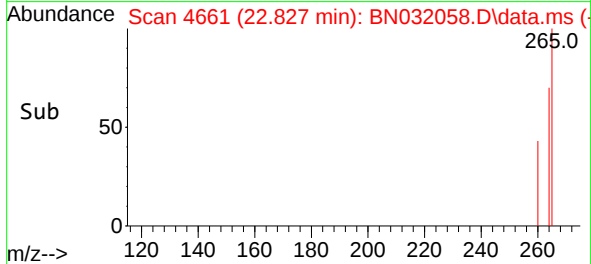
Instrument :
BNA_N
ClientSampleId :
A4B90



Tgt Ion:252 Resp: 43594
Ion Ratio Lower Upper
252 100
253 23.8 18.8 28.2
125 15.9 11.1 16.7

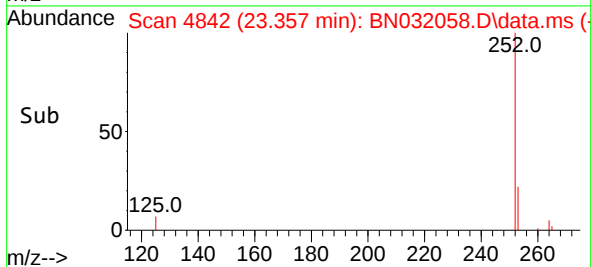
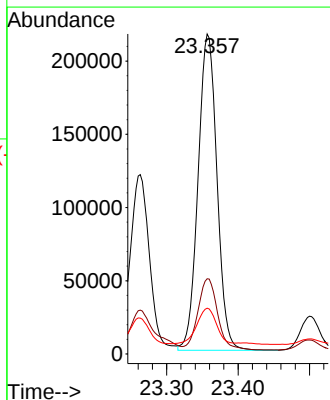
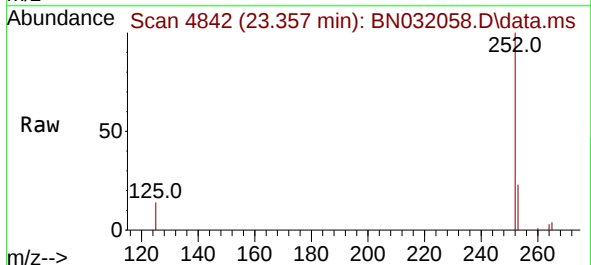
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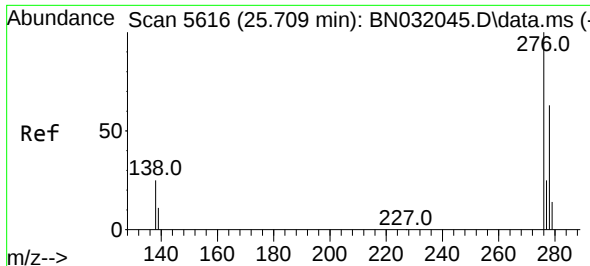
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 4.476 ng/ul
RT: 23.357 min Scan# 4842
Delta R.T. -0.009 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

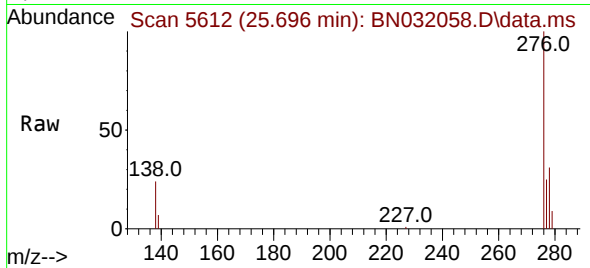
Tgt Ion:252 Resp: 398190
Ion Ratio Lower Upper
252 100
253 23.5 19.9 29.9
125 14.3 13.5 20.3





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.028 ng/ul
RT: 25.696 min Scan# 5612
Delta R.T. -0.010 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20

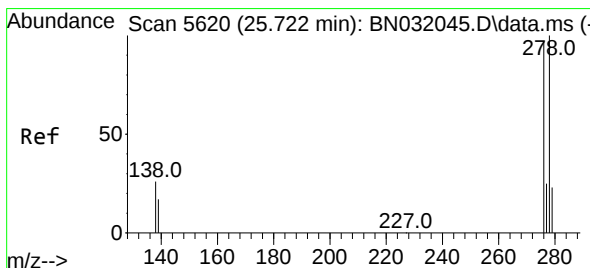
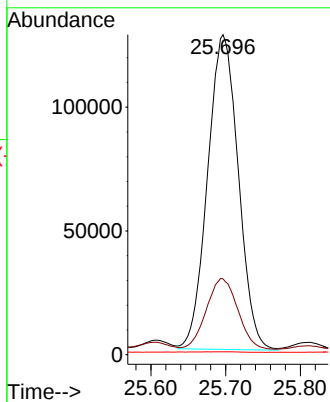
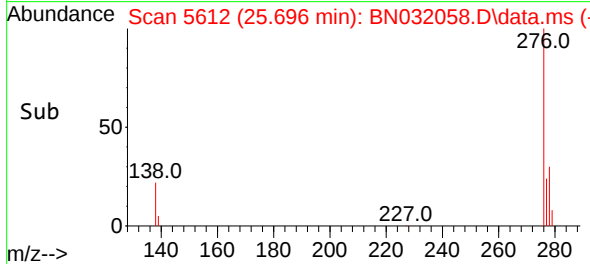
Instrument :
BNA_N
ClientSampleId :
A4B90



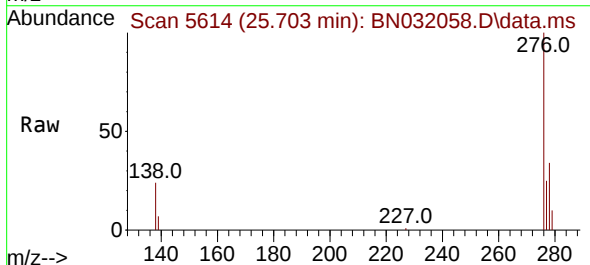
Tgt Ion:276 Resp: 363324
Ion Ratio Lower Upper
276 100
138 23.0 21.0 31.4
227 0.2 0.2 0.2

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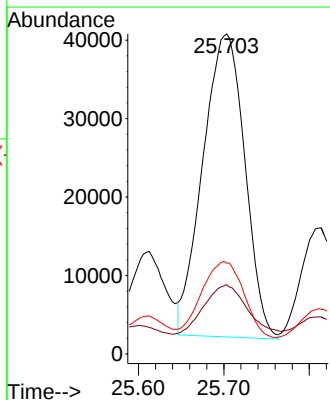
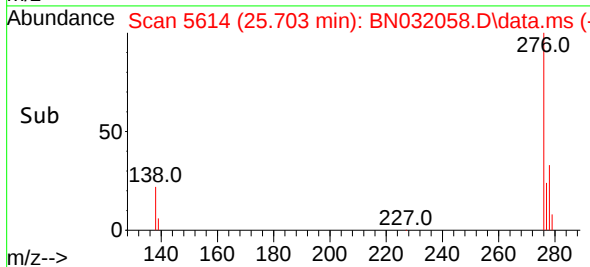
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

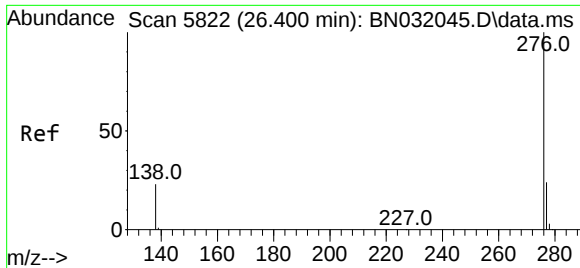


#28
Dibenzo(a,h)anthracene
Concen: 1.428 ng/ul
RT: 25.703 min Scan# 5614
Delta R.T. -0.020 min
Lab File: BN032058.D
Acq: 18 Jun 2024 23:20



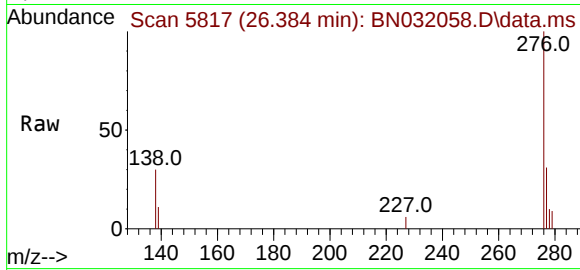
Tgt Ion:278 Resp: 132309
Ion Ratio Lower Upper
278 100
139 21.6 14.9 22.3
279 28.4 20.6 31.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.537 ng/ul
 RT: 26.384 min Scan# 5817
 Delta R.T. -0.013 min
 Lab File: BN032058.D
 Acq: 18 Jun 2024 23:20

Instrument :
 BNA_N
 ClientSampleId :
 A4B90



Tgt Ion: 276 Resp: 5124

Ion	Ratio	Lower	Upper
276	100		
138	29.9	19.0	28.4
277	30.6	20.4	30.6

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

