

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033193.D
 Acq On : 02 Aug 2024 07:33
 Operator : MA/JU
 Sample : P3378-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 08:01:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.465	152	4111m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.223	136	13534	0.400	ng/ul	#-0.09
9) Acenaphthene-d10	14.111	164	8246	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.882	188	15883m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.116	240	10775m	0.400	ng/ul	-0.03
23) Perylene-d12	23.290	264	11705m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	18149	3.490	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.835	152	4759	0.215	ng/ul	-0.09
18) Fluoranthene-d10	18.930	212	11247	0.369	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.273	128	28228	0.812	ng/ul#	94
7) 2-Methylnaphthalene	11.912	142	1292	0.055	ng/ul	100
8) 1-Methylnaphthalene	12.126	142	49002	1.925	ng/ul	100
10) Acenaphthylene	13.833	152	19971	0.592	ng/ul#	96
11) Acenaphthene	14.176	153	803933	31.670	ng/ul	98
12) Fluorene	15.175	166	342412	11.573	ng/ul	99
15) Phenanthrene	16.924	178	20922m	0.491	ng/ul	
16) Anthracene	17.017	178	42743m	1.116	ng/ul	
19) Fluoranthene	18.958	202	201334	5.675	ng/ul	98
20) Pyrene	19.325	202	154315	4.056	ng/ul	98
21) Benzo(a)anthracene	21.099	228	8271	0.225	ng/ul#	86
22) Chrysene	21.151	228	5874	0.137	ng/ul#	81
24) Benzo(b)fluoranthene	22.644	252	4200m	0.123	ng/ul	
25) Benzo(k)fluoranthene	22.679	252	1808m	0.044	ng/ul	
26) Benzo(a)pyrene	23.191	252	2614	0.081	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	25.477	276	1836	0.038	ng/ul#	98
29) Benzo(g,h,i)perylene	26.151	276	1735	0.045	ng/ul#	37

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

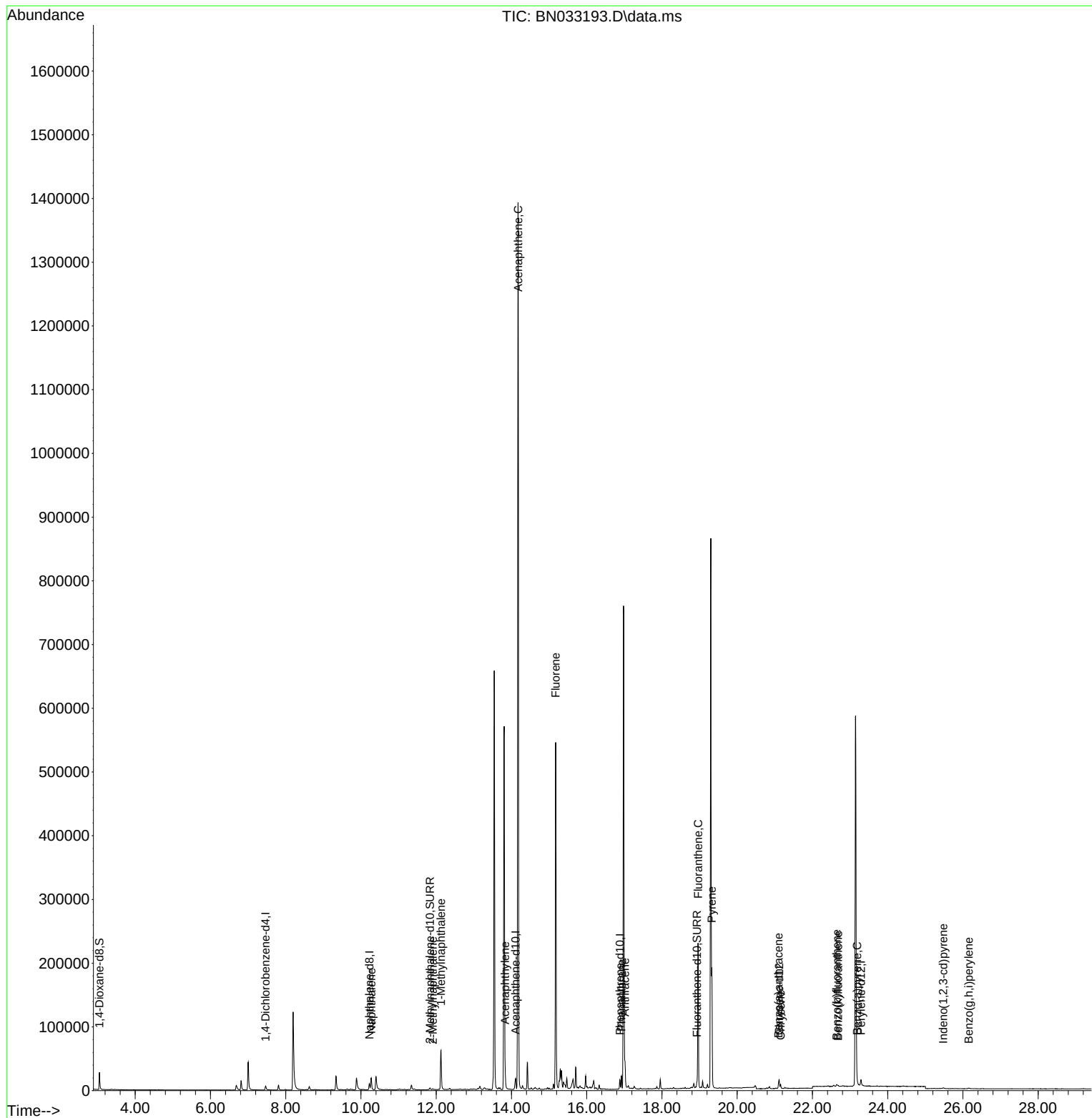
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033193.D
Acq On : 02 Aug 2024 07:33
Operator : MA/JU
Sample : P3378-01
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ALS Vial : 27 Sample Multiplier: 1

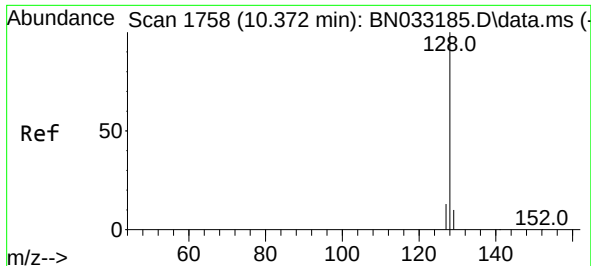
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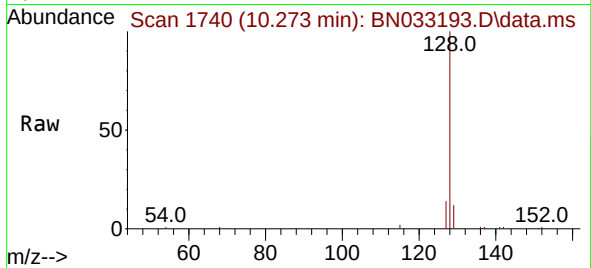
Quant Time: Aug 02 08:01:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.812 ng/ul
RT: 10.273 min Scan# 1758
Delta R.T. -0.104 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

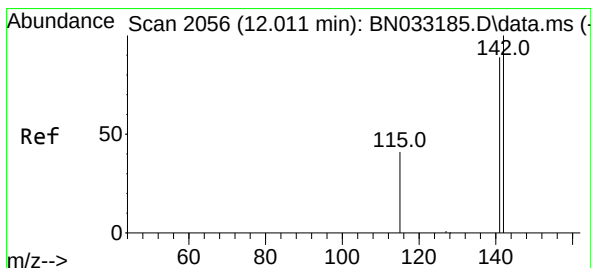
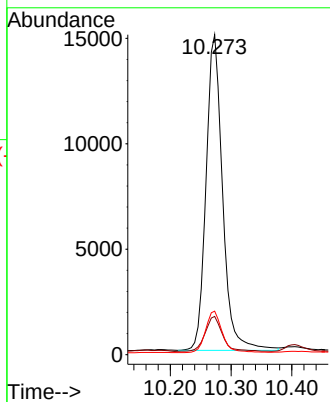
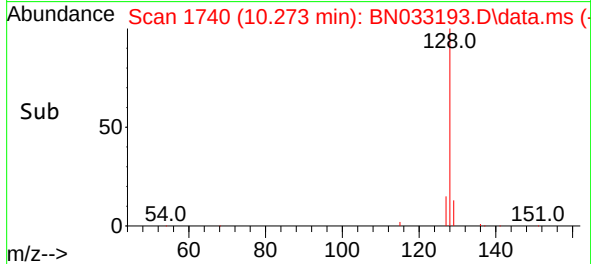
Instrument :
BNA_N
ClientSampleId :
C0AX2



Tgt Ion:128 Resp: 28228
Ion Ratio Lower Upper
128 100
129 11.9 12.0 18.0
127 13.6 12.7 19.1

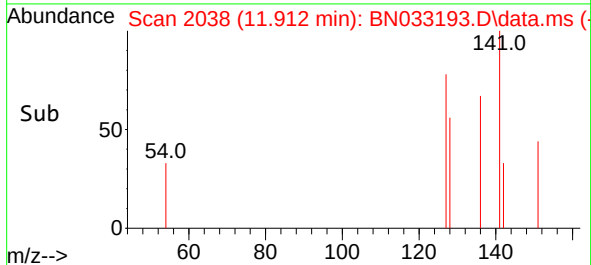
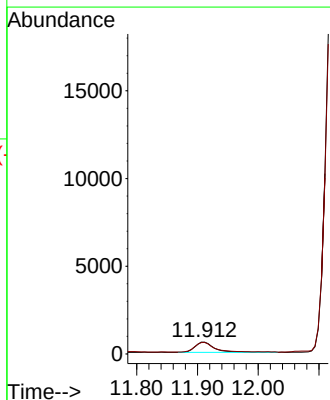
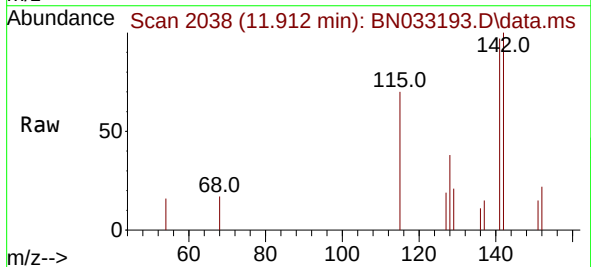
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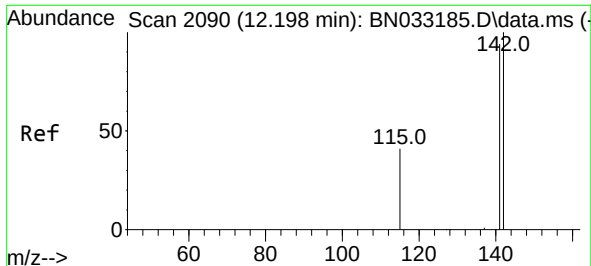
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 11.912 min Scan# 2038
Delta R.T. -0.093 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

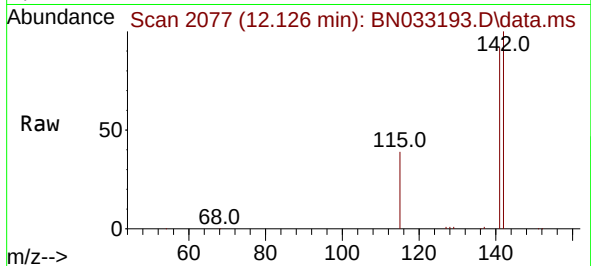
Tgt Ion:142 Resp: 1292
Ion Ratio Lower Upper
142 100
141 94.4 75.2 112.8





#8
1-Methylnaphthalene
Concen: 1.925 ng/ul
RT: 12.126 min Scan# 2090
Delta R.T. -0.071 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

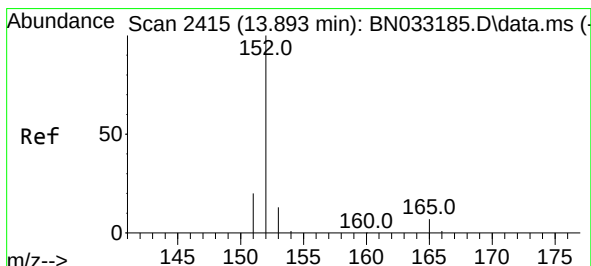
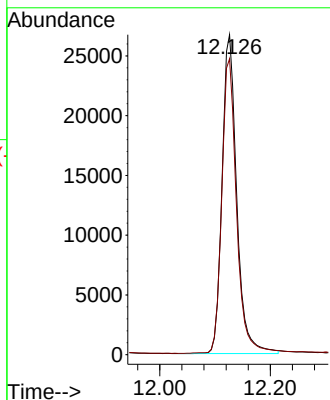
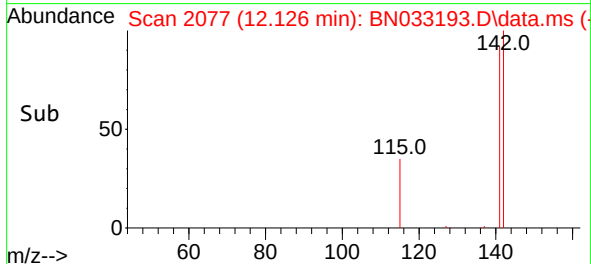
Instrument :
BNA_N
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Tgt Ion:142 Resp: 4900
Ion Ratio Lower Upper
142 100
141 93.3 74.3 111.5

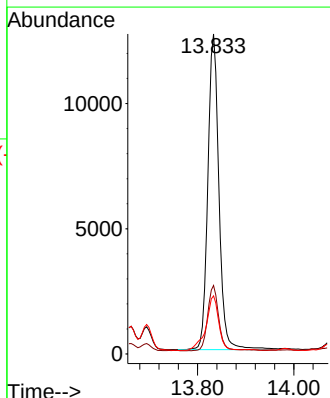
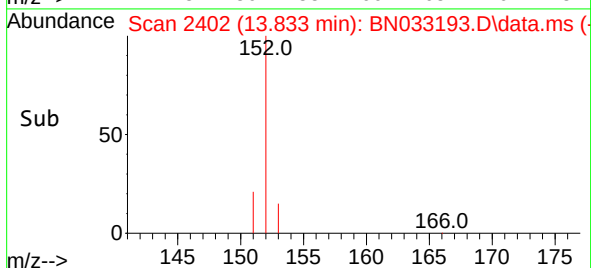
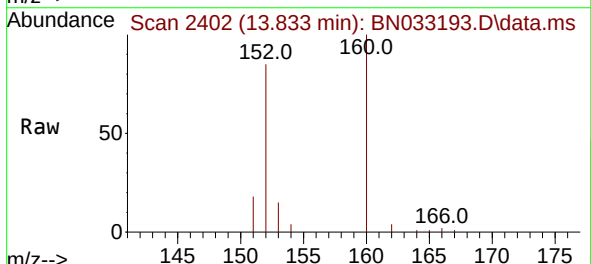
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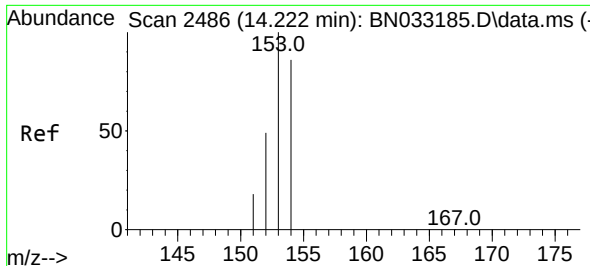
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.592 ng/ul
RT: 13.833 min Scan# 2402
Delta R.T. -0.065 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

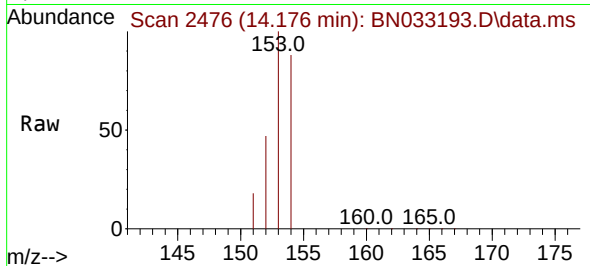
Tgt Ion:152 Resp: 19971
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 18.2 11.9 17.9#





#11
Acenaphthene
Concen: 31.670 ng/ul
RT: 14.176 min Scan# 2486
Delta R.T. -0.051 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

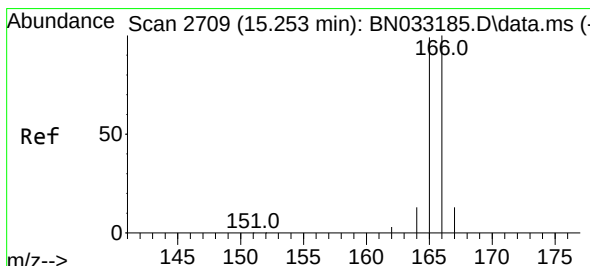
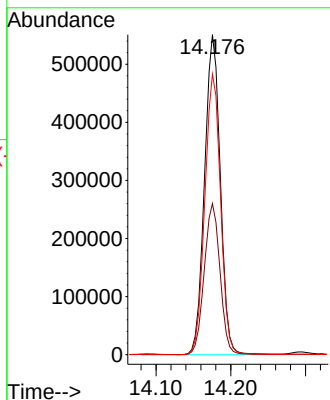
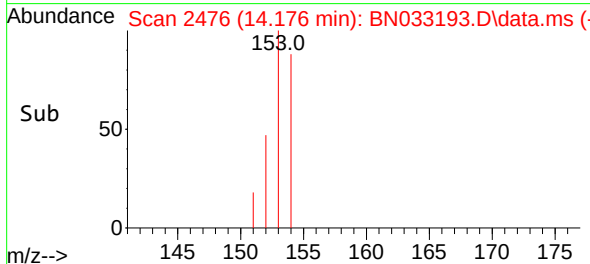
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 803933
Ion Ratio Lower Upper
153 100
152 47.2 40.0 60.0
154 87.7 70.1 105.1

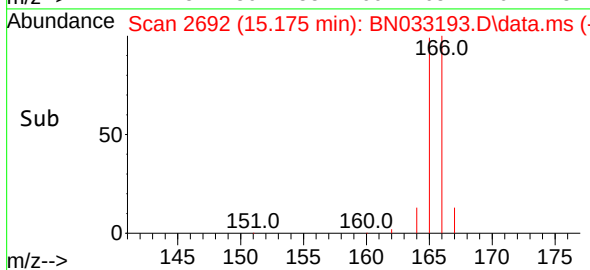
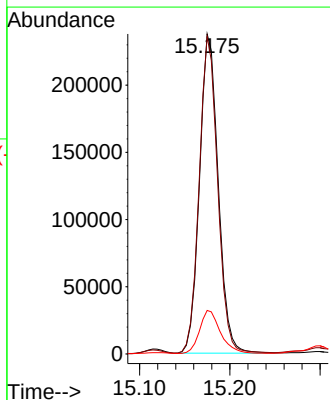
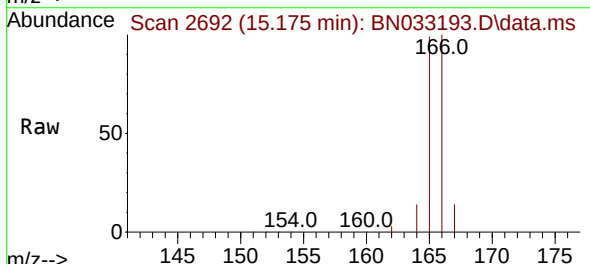
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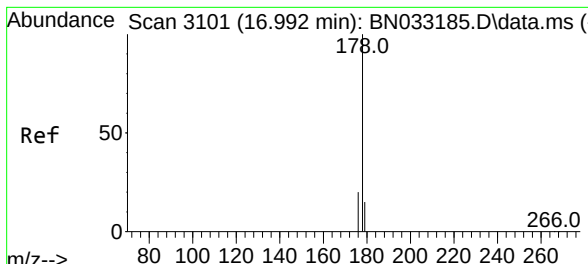
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 11.573 ng/ul
RT: 15.175 min Scan# 2692
Delta R.T. -0.074 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

Tgt Ion:166 Resp: 342412
Ion Ratio Lower Upper
166 100
165 99.2 79.6 119.4
167 13.6 12.2 18.4



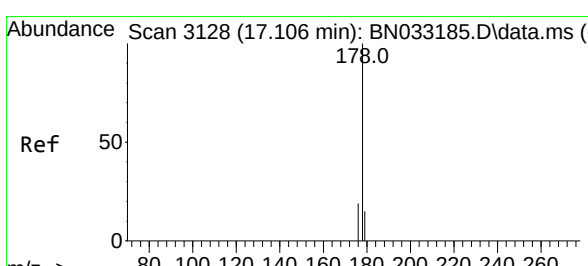
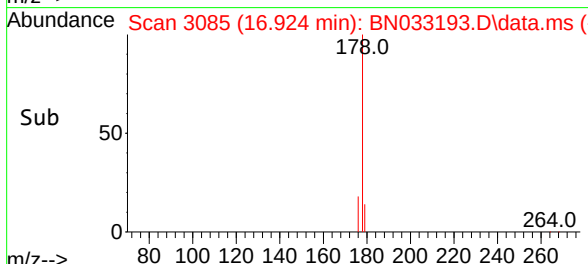
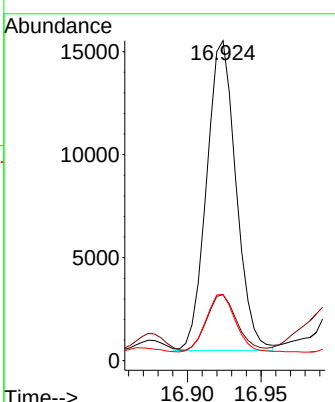
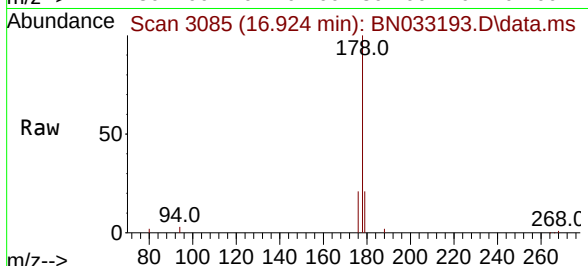


#15
 Phenanthrene
 Concen: 0.491 ng/ul m
 RT: 16.924 min Scan# 3085
 Delta R.T. -0.059 min
 Lab File: BN033193.D
 Acq: 02 Aug 2024 07:33

Instrument : BNA_N
 ClientSampleId : C0AX2

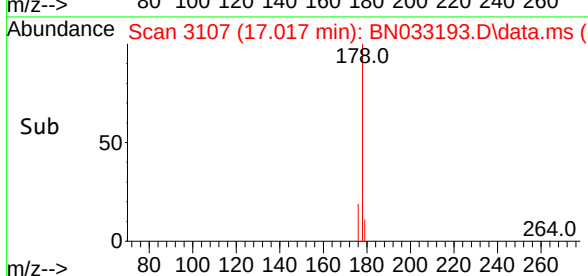
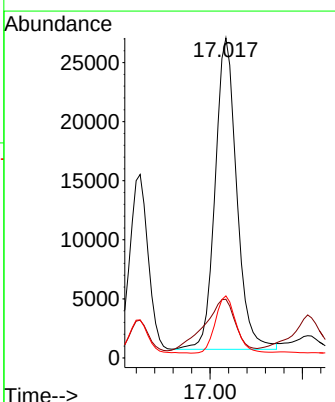
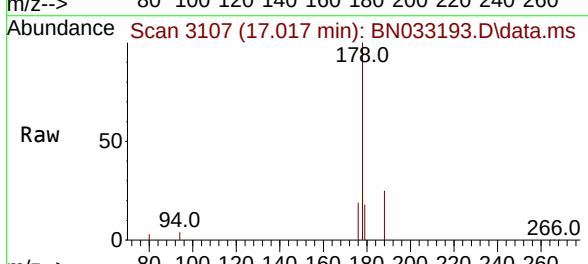
Tgt Ion:	178	Resp:	2092
Ion Ratio	Lower	Upper	
178	100		
179	20.6	13.7	20.5
176	20.7	15.9	23.9

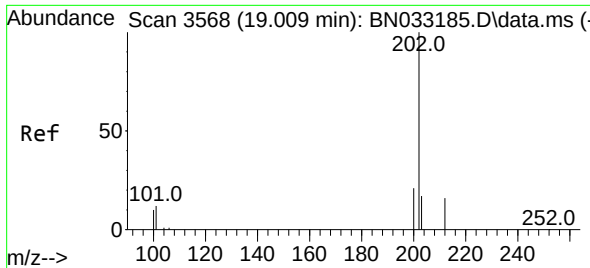
Manual Integrations
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#16
 Anthracene
 Concen: 1.116 ng/ul m
 RT: 17.017 min Scan# 3107
 Delta R.T. -0.072 min
 Lab File: BN033193.D
 Acq: 02 Aug 2024 07:33

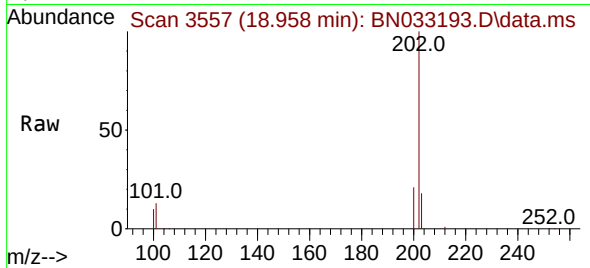
Tgt Ion:	178	Resp:	42743
Ion Ratio	Lower	Upper	
178	100		
179	18.4	14.3	21.5
176	19.4	15.8	23.8





#19
Fluoranthene
Concen: 5.675 ng/u1
RT: 18.958 min Scan# 31
Delta R.T. -0.046 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

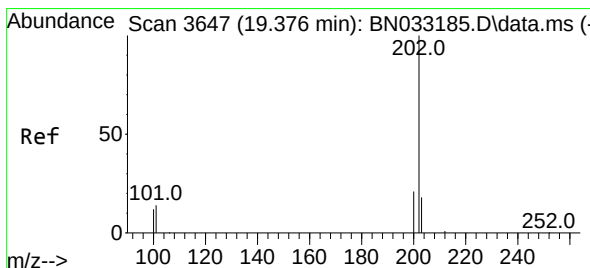
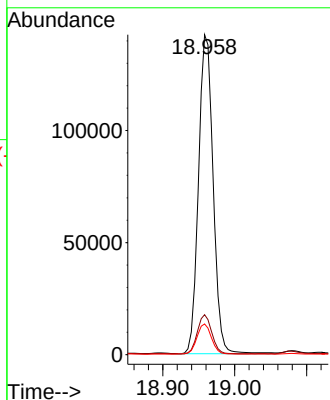
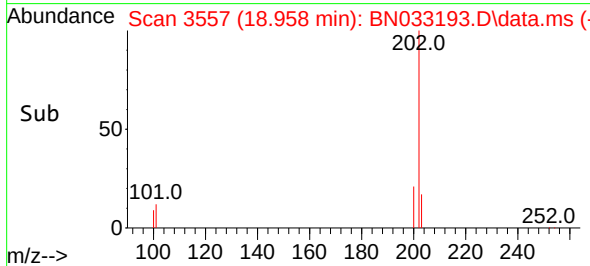
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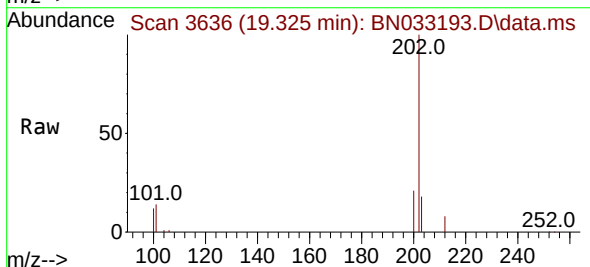
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Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.6 8.3 12.5

Manual Integrations
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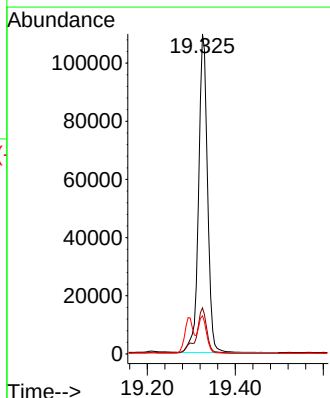
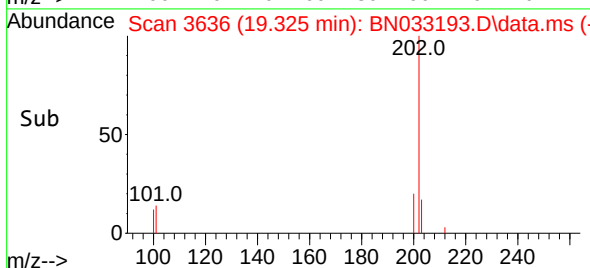
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

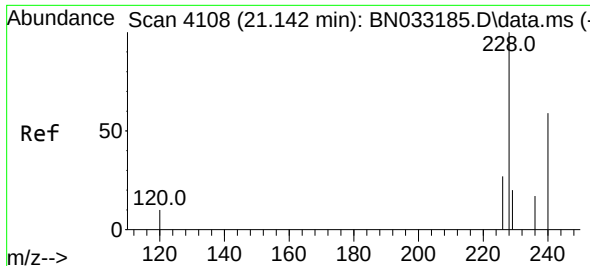


#20
Pyrene
Concen: 4.056 ng/u1
RT: 19.325 min Scan# 3636
Delta R.T. -0.046 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33



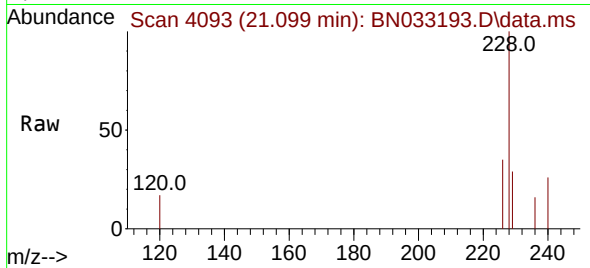
Tgt Ion:202 Resp: 154315
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.9 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.225 ng/ul
RT: 21.099 min Scan# 4108
Delta R.T. -0.038 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

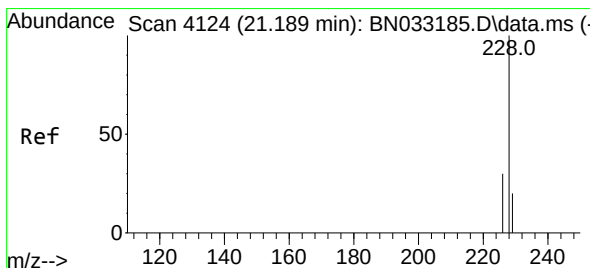
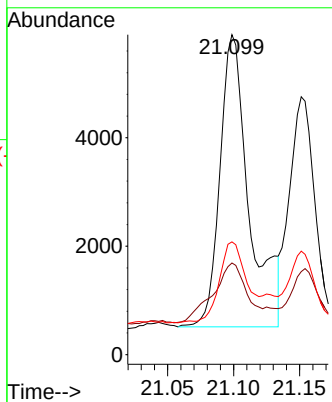
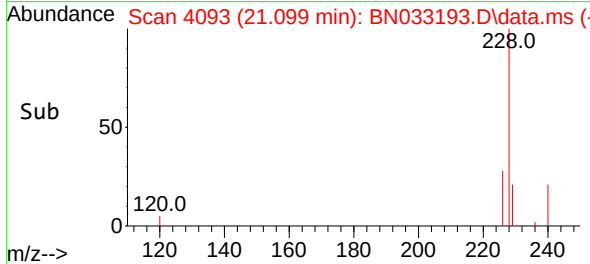
Instrument :
BNA_N
ClientSampleId :
C0AX2



Tgt Ion:228 Resp: 8274
Ion Ratio Lower Upper
228 100
229 28.7 17.1 25.7#
226 35.2 22.4 33.6#

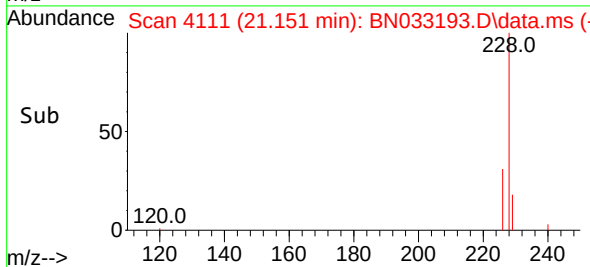
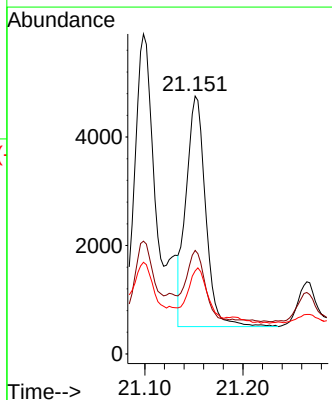
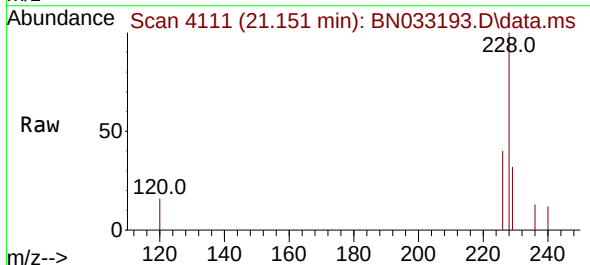
Manual Integrations
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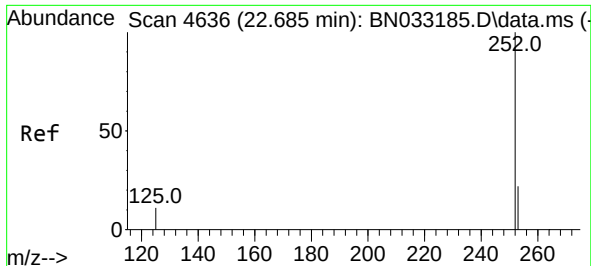
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.137 ng/ul
RT: 21.151 min Scan# 4111
Delta R.T. -0.038 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

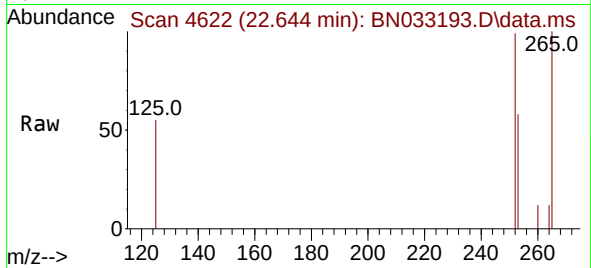
Tgt Ion:228 Resp: 5874
Ion Ratio Lower Upper
228 100
226 40.1 24.7 37.1#
229 32.2 17.0 25.6#





#24
Benzo(b)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.644 min Scan# 4622
Delta R.T. -0.038 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

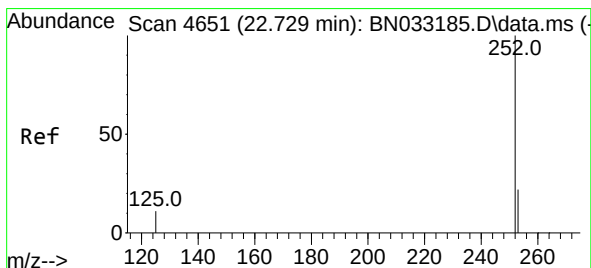
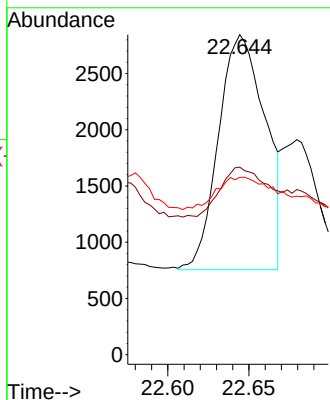
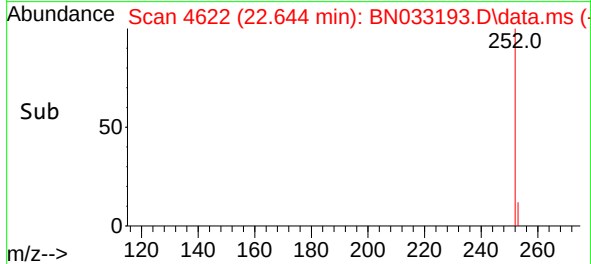
Instrument :
BNA_N
ClientSampleId :
C0AX2



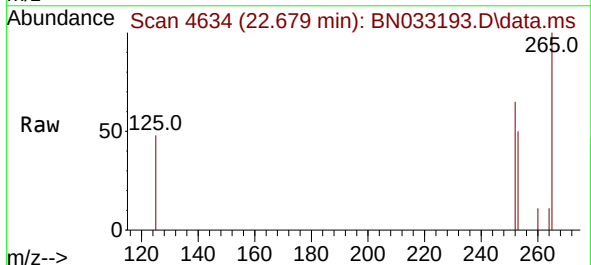
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Ion Ratio Lower Upper
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125 55.4 0.0 51.0

Manual Integrations
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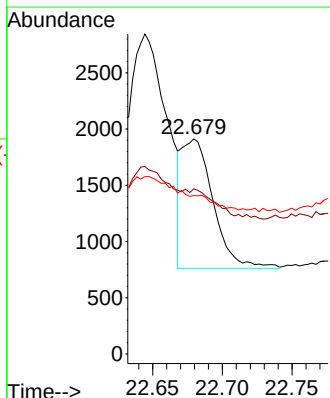
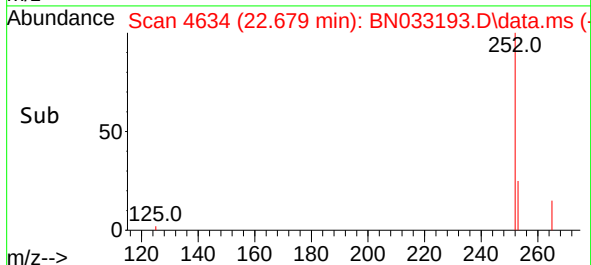
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

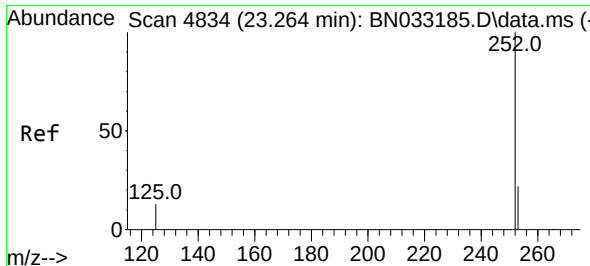


#25
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 22.679 min Scan# 4634
Delta R.T. -0.047 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33



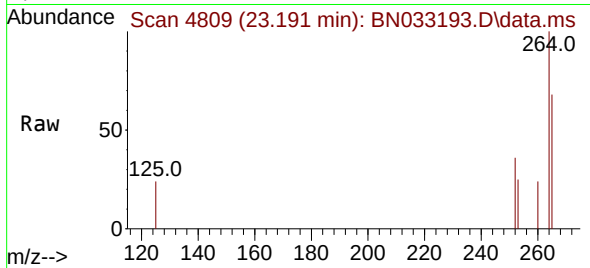
Tgt Ion:252 Resp: 1808
Ion Ratio Lower Upper
252 100
253 76.8 24.9 37.3#
125 73.7 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.081 ng/ul
RT: 23.191 min Scan# 4809
Delta R.T. -0.058 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

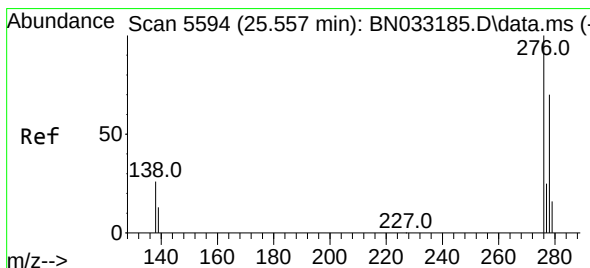
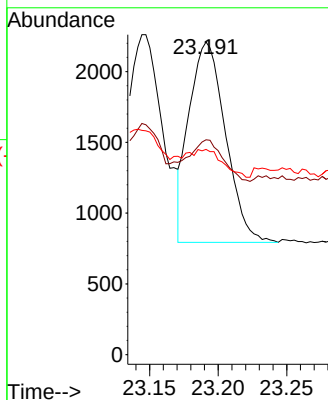
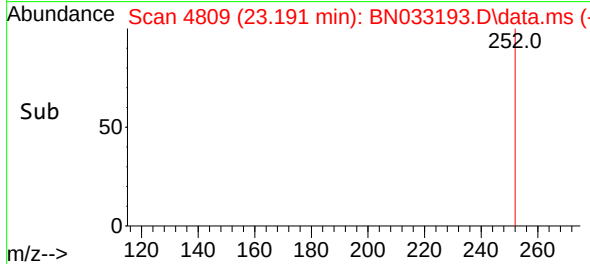
Instrument :
BNA_N
ClientSampleId :
C0AX2



Tgt Ion:252 Resp: 2614
Ion Ratio Lower Upper
252 100
253 68.7 27.5 41.3
125 65.6 27.0 40.6

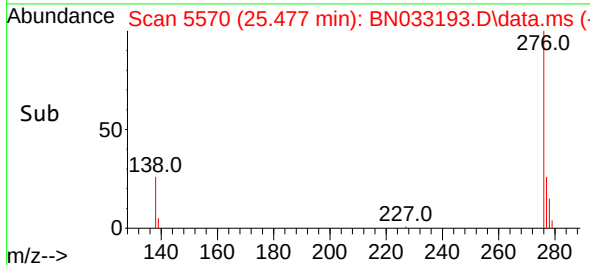
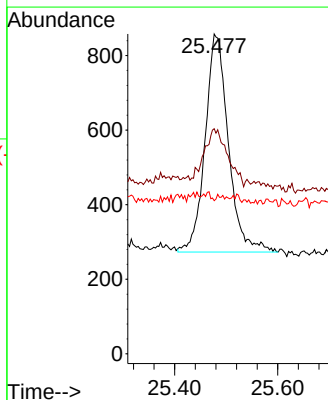
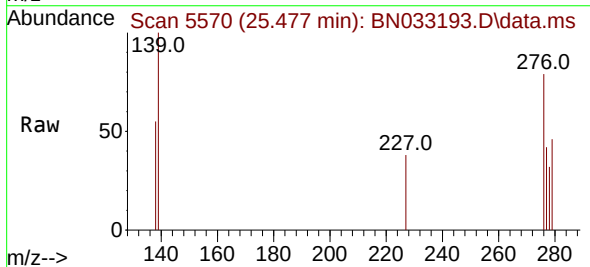
Manual Integrations
APPROVED

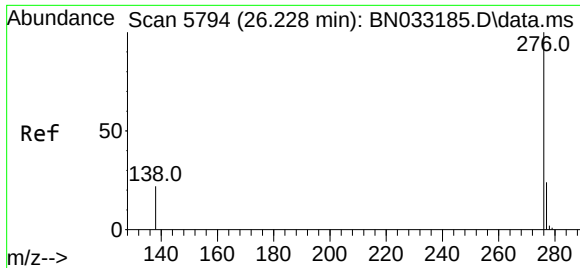
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 25.477 min Scan# 5570
Delta R.T. -0.064 min
Lab File: BN033193.D
Acq: 02 Aug 2024 07:33

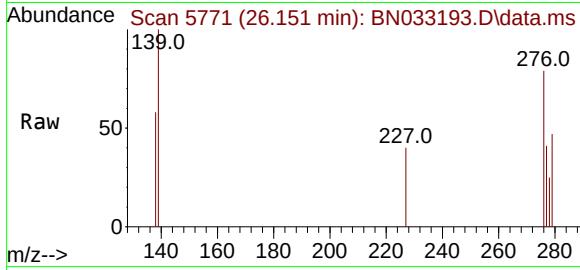
Tgt Ion:276 Resp: 1836
Ion Ratio Lower Upper
276 100
138 28.2 21.8 32.8
227 0.9 0.2 0.2





#29
 Benzo(g,h,i)perylene
 Concen: 0.045 ng/ul
 RT: 26.151 min Scan# 51
 Delta R.T. -0.067 min
 Lab File: BN033193.D
 Acq: 02 Aug 2024 07:33

Instrument :
 BNA_N
 ClientSampleId :
 C0AX2



Tgt Ion:	276	Resp:	173
Ion	Ratio	Lower	Upper
276	100		
138	74.2	24.6	37.0
277	52.6	22.6	34.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

