

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

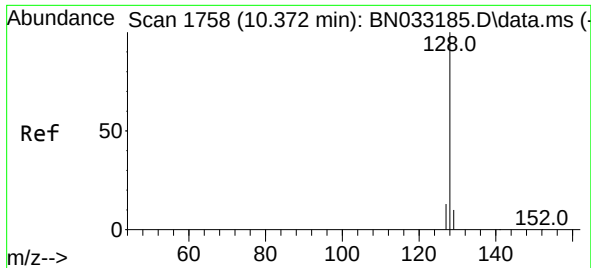
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 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

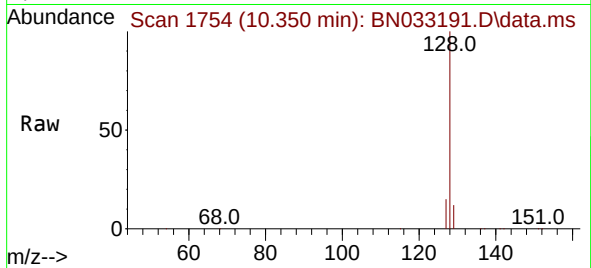
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.461	152	4046m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.179	136	16238m	0.400	ng/ul	-0.14
9) Acenaphthene-d10	14.106	164	18481m	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.886	188	14902m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.110	240	12342m	0.400	ng/ul	-0.04
23) Perylene-d12	23.282	264	11834m	0.400	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	19925	3.893	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.824	152	5186m	0.196	ng/ul	-0.10
18) Fluoranthene-d10	18.930	212	22299m	0.638	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.350	128	35106260m	841.886	ng/ul	
7) 2-Methylnaphthalene	11.906	142	4837628m	171.256	ng/ul	
8) 1-Methylnaphthalene	12.137	142	6586109m	215.600	ng/ul	
10) Acenaphthylene	13.833	152	159759m	2.112	ng/ul	
11) Acenaphthene	14.199	153	7565641m	132.983	ng/ul	
12) Fluorene	15.189	166	4983786m	75.160	ng/ul	
14) Pentachlorophenol	16.557	266	156754m	51.665	ng/ul	
15) Phenanthrene	16.941	178	8670675m	216.924	ng/ul	
16) Anthracene	17.021	178	1073727m	29.878	ng/ul	
19) Fluoranthene	18.967	202	3538998m	87.087	ng/ul	
20) Pyrene	19.330	202	2444476m	56.093	ng/ul	
21) Benzo(a)anthracene	21.093	228	547129m	12.996	ng/ul	
22) Chrysene	21.145	228	432457m	8.802	ng/ul	
24) Benzo(b)fluoranthene	22.635	252	392702m	11.360	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	140418m	3.389	ng/ul	
26) Benzo(a)pyrene	23.188	252	238916m	7.343	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.463	276	105382m	2.130	ng/ul	
28) Dibenzo(a,h)anthracene	25.453	278	28554m	0.728	ng/ul	
29) Benzo(g,h,i)perylene	26.131	276	98723m	2.511	ng/ul	

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



#5
Naphthalene
Concen: 841.886 ng/ul m
RT: 10.350 min Scan# 1754
Delta R.T. -0.027 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

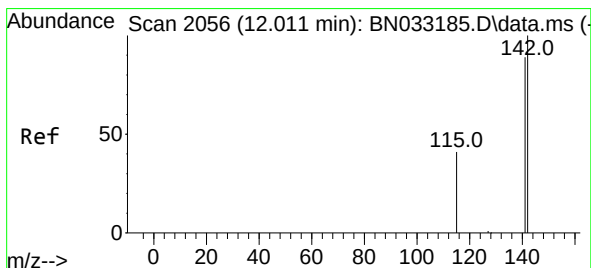
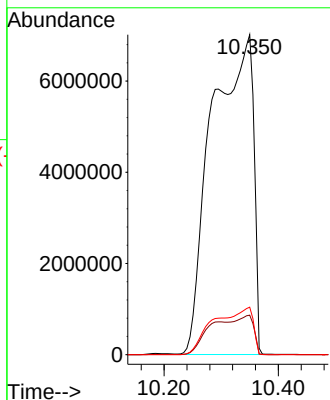
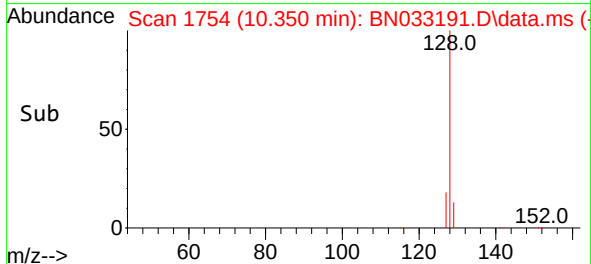
Instrument :
BNA_N
ClientSampleId :
C0AX7



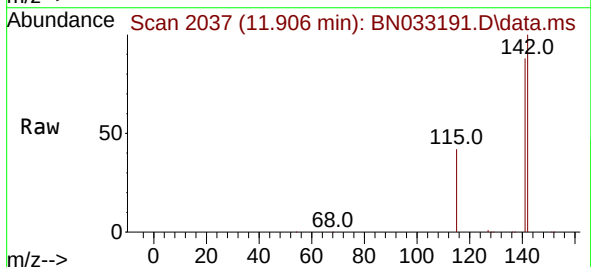
Tgt Ion:128 Resp:35106260
Ion Ratio Lower Upper
128 100
129 12.4 12.0 18.0
127 14.8 12.7 19.1

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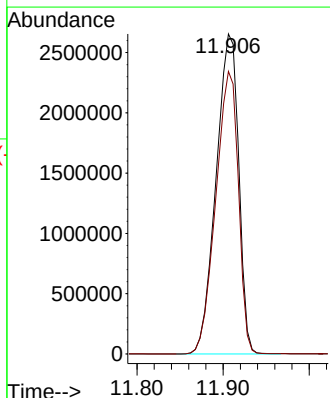
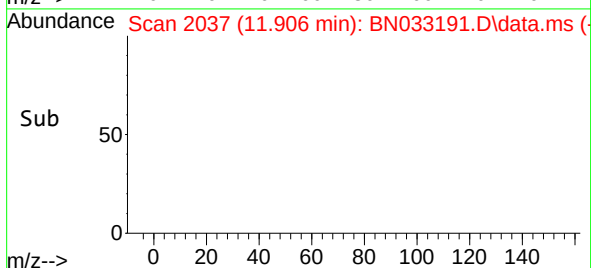
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

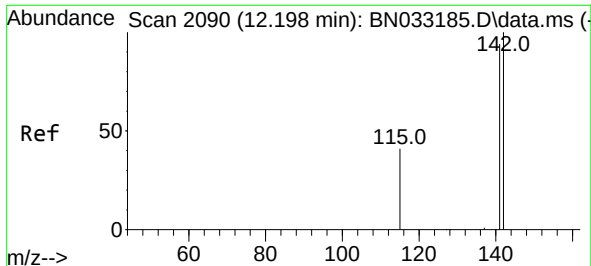


#7
2-Methylnaphthalene
Concen: 171.256 ng/ul m
RT: 11.906 min Scan# 2037
Delta R.T. -0.099 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21



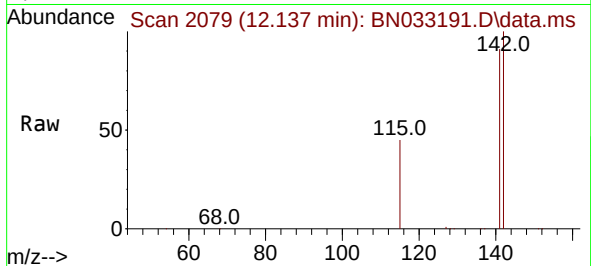
Tgt Ion:142 Resp: 4837628
Ion Ratio Lower Upper
142 100
141 121.8 75.2 112.8#





#8
1-Methylnaphthalene
Concen: 215.600 ng/ul m
RT: 12.137 min Scan# 2090
Delta R.T. -0.060 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

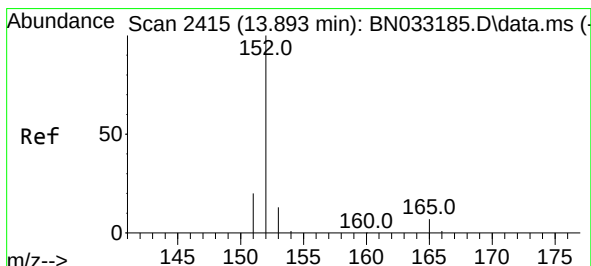
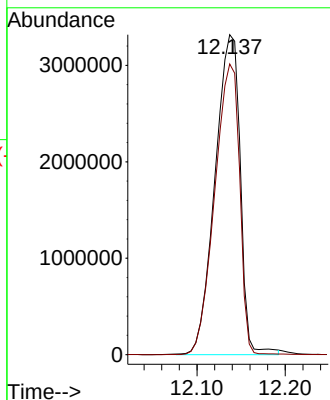
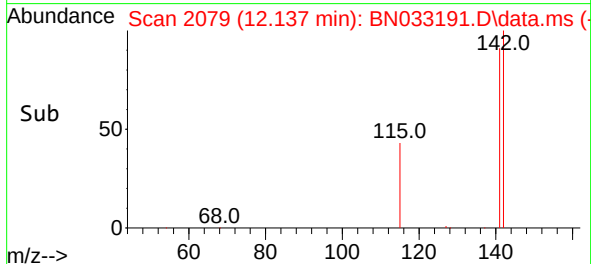
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 6586109
Ion Ratio Lower Upper
142 100
141 0.0 74.3 111.5

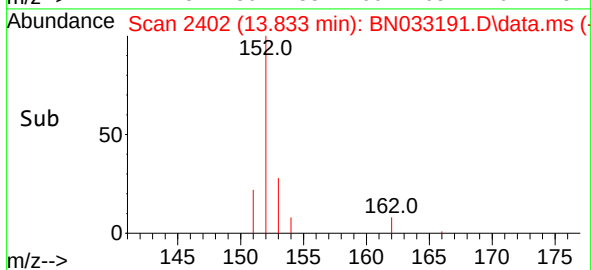
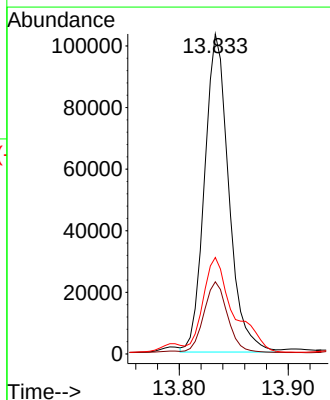
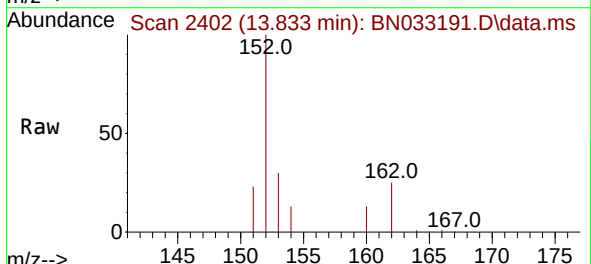
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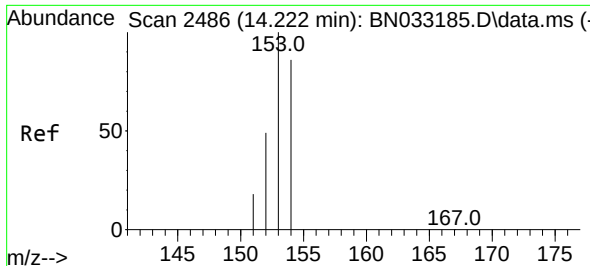
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 2.112 ng/ul m
RT: 13.833 min Scan# 2402
Delta R.T. -0.065 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

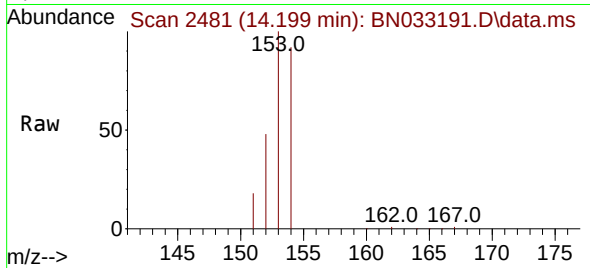
Tgt Ion:152 Resp: 159759
Ion Ratio Lower Upper
152 100
151 22.5 16.8 25.2
153 30.2 11.9 17.9#





#11
Acenaphthene
Concen: 132.983 ng/ul m
RT: 14.199 min Scan# 2486
Delta R.T. -0.028 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

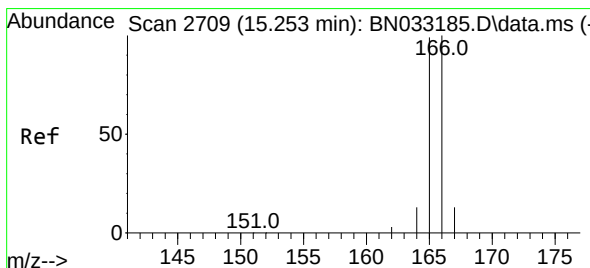
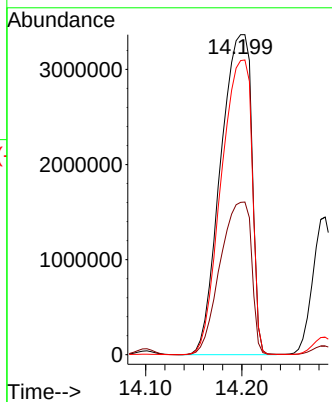
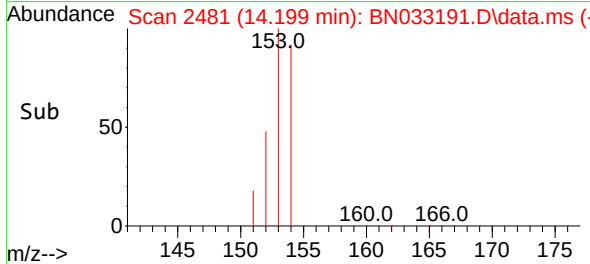
Instrument :
BNA_N
ClientSampleId :
C0AX7



Tgt Ion:153 Resp: 756564
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 91.9 70.1 105.1

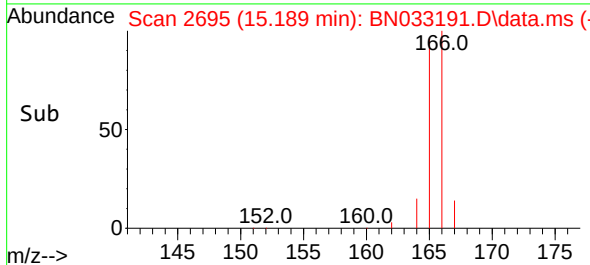
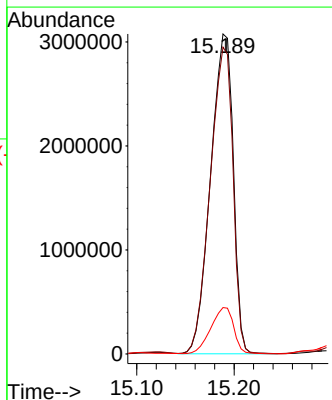
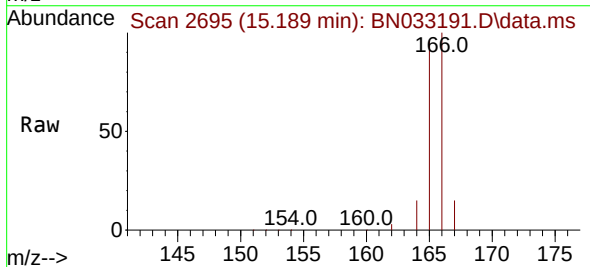
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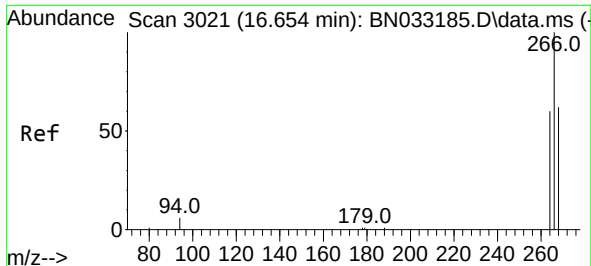
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 75.160 ng/ul m
RT: 15.189 min Scan# 2695
Delta R.T. -0.060 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

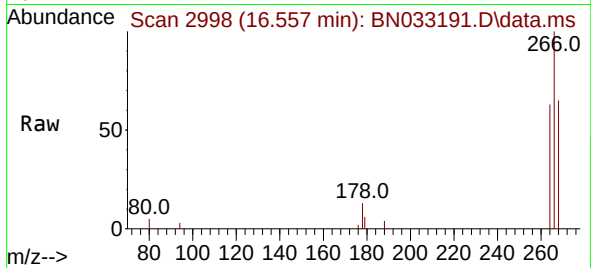
Tgt Ion:166 Resp: 4983786
Ion Ratio Lower Upper
166 100
165 95.9 79.6 119.4
167 14.5 12.2 18.4





#14
Pentachlorophenol
Concen: 51.665 ng/ul m
RT: 16.557 min Scan# 2998
Delta R.T. -0.084 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

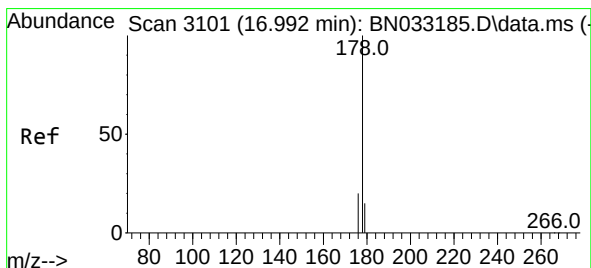
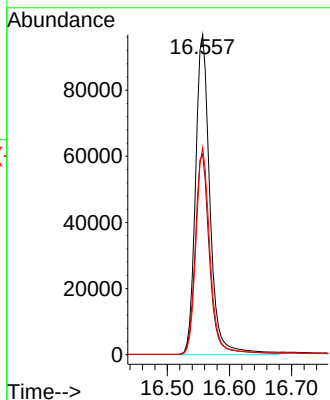
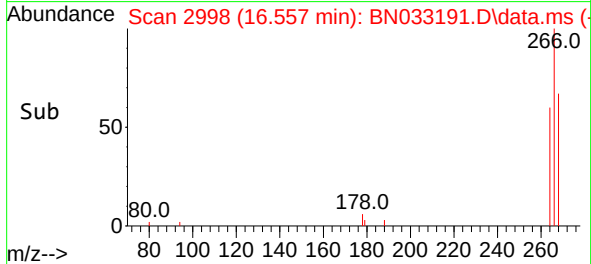
Instrument :
BNA_N
ClientSampleId :
C0AX7



Tgt Ion:266 Resp: 156754
Ion Ratio Lower Upper
266 100
264 0.0 49.3 73.9
268 0.0 51.8 77.8

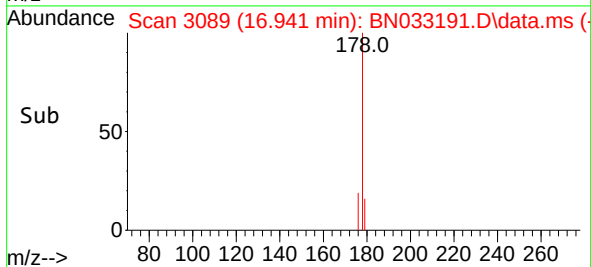
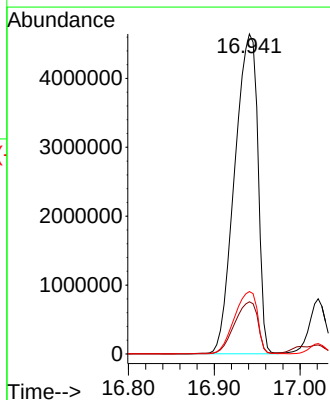
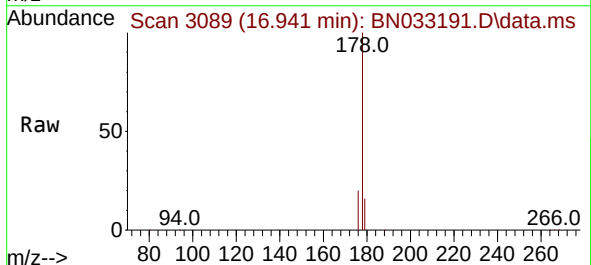
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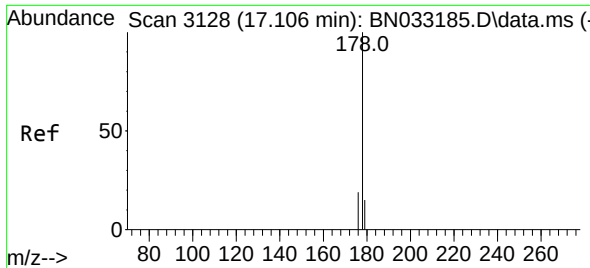
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#15
Phenanthrene
Concen: 216.924 ng/ul m
RT: 16.941 min Scan# 3089
Delta R.T. -0.042 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

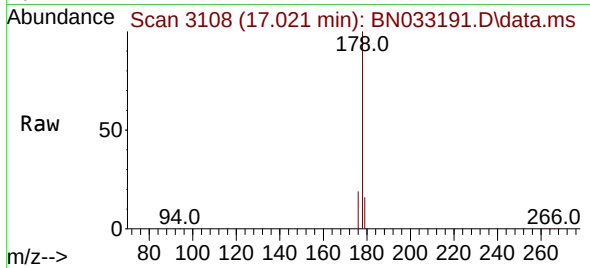
Tgt Ion:178 Resp: 8670675
Ion Ratio Lower Upper
178 100
179 16.3 13.7 20.5
176 19.5 15.9 23.9





#16
 Anthracene
 Concen: 29.878 ng/ul m
 RT: 17.021 min Scan# 3128
 Delta R.T. -0.067 min
 Lab File: BN033191.D
 Acq: 02 Aug 2024 06:21

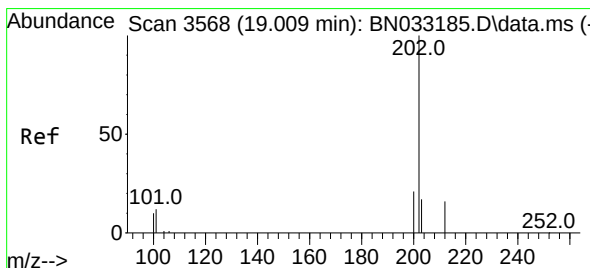
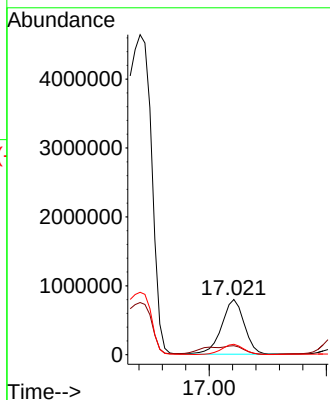
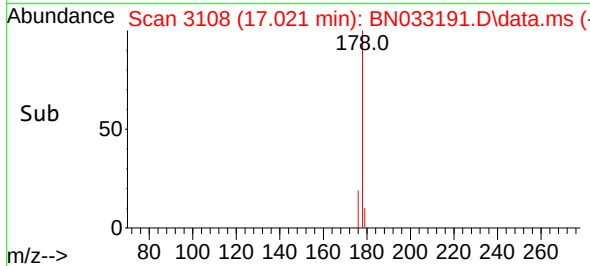
Instrument :
 BNA_N
 ClientSampleId :
 C0AX7



Tgt Ion:178 Resp: 1073721
 Ion Ratio Lower Upper
 178 100
 179 16.2 14.3 21.5
 176 18.8 15.8 23.8

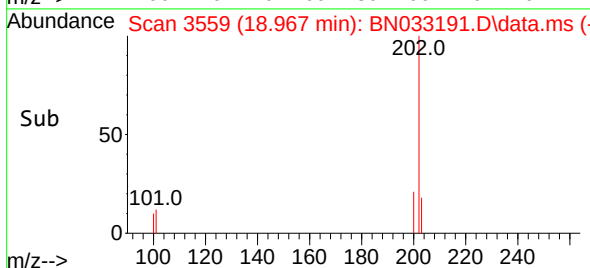
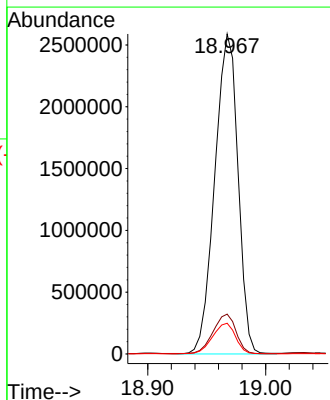
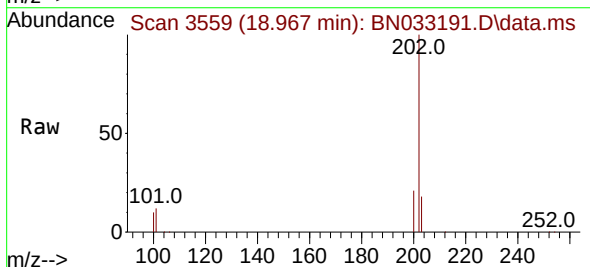
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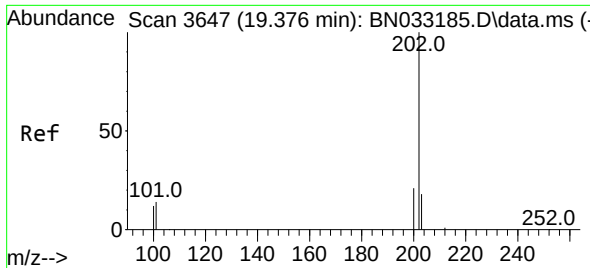
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#19
 Fluoranthene
 Concen: 87.087 ng/ul m
 RT: 18.967 min Scan# 3559
 Delta R.T. -0.037 min
 Lab File: BN033191.D
 Acq: 02 Aug 2024 06:21

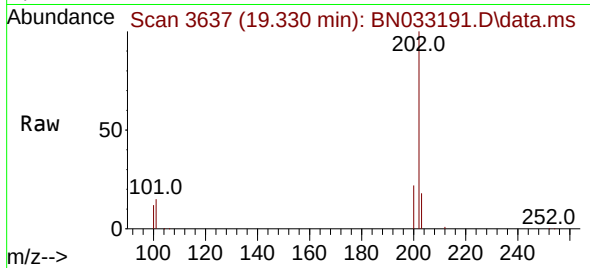
Tgt Ion:202 Resp: 3538998
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.7 16.1
 100 9.6 8.3 12.5





#20
Pyrene
Concen: 56.093 ng/ul m
RT: 19.330 min Scan# 30
Delta R.T. -0.042 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

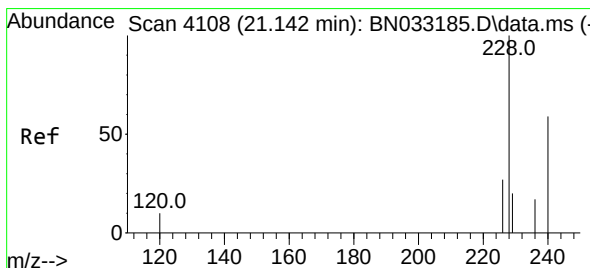
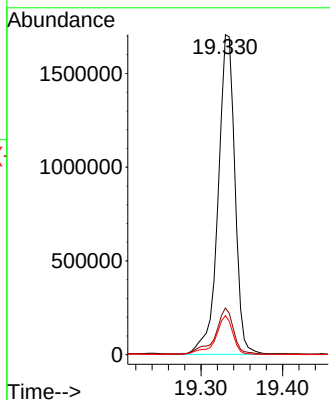
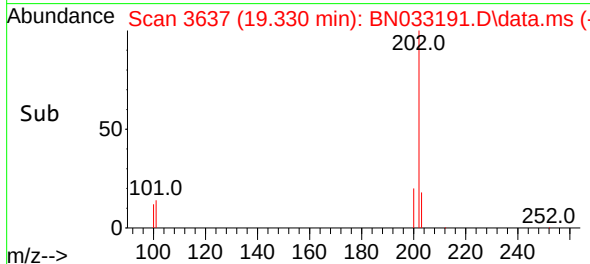
Instrument :
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Tgt Ion:202 Resp: 2444470
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 12.2 9.9 14.9

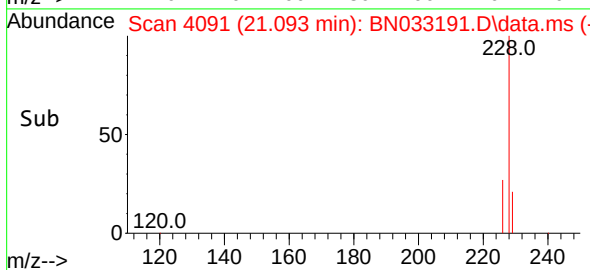
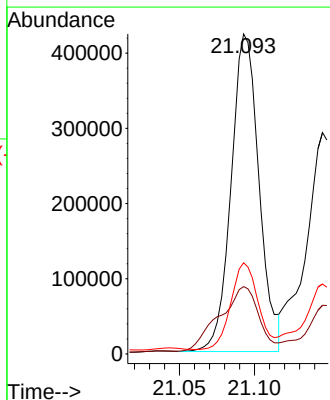
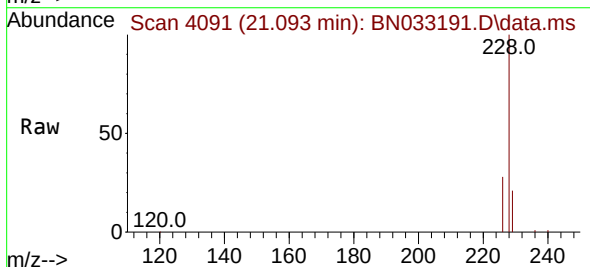
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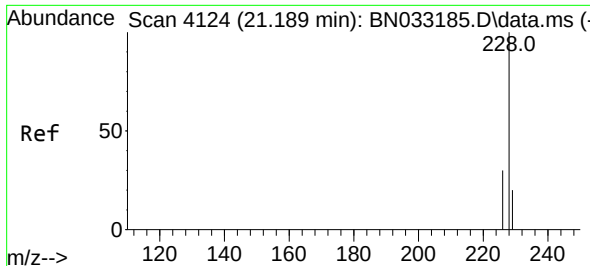
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Benzo(a)anthracene
Concen: 12.996 ng/ul m
RT: 21.093 min Scan# 4091
Delta R.T. -0.044 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

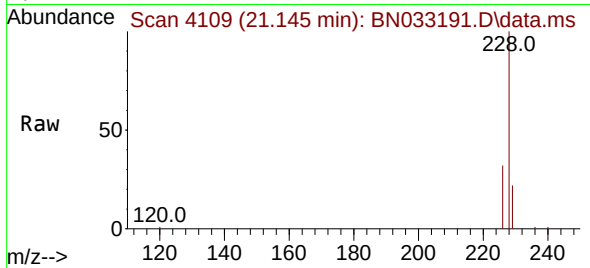
Tgt Ion:228 Resp: 547129
Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 28.5 22.4 33.6





#22
Chrysene
Concen: 8.802 ng/ul m
RT: 21.145 min Scan# 4124
Delta R.T. -0.044 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

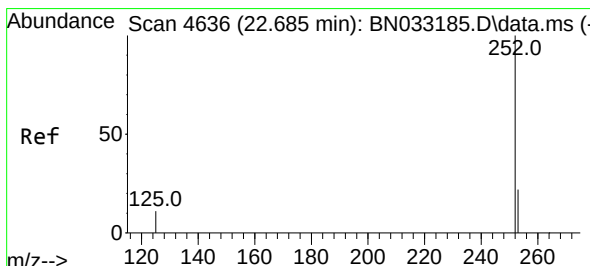
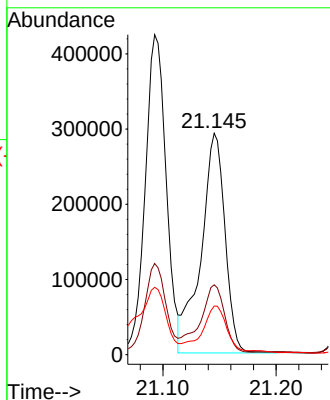
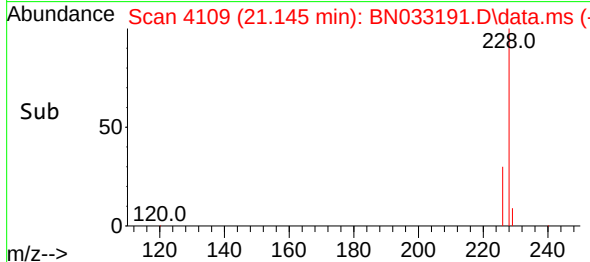
Instrument :
BNA_N
ClientSampleId :
C0AX7



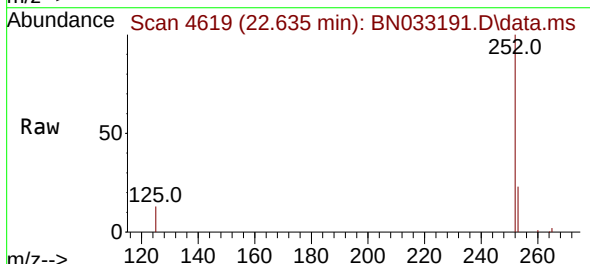
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Ion Ratio Lower Upper
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226 31.6 24.7 37.1
229 22.0 17.0 25.6

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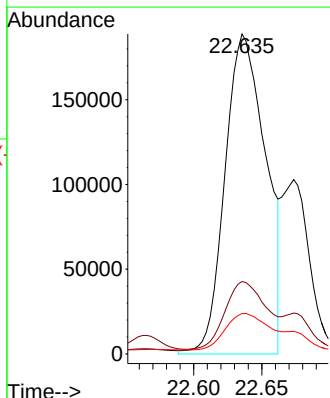
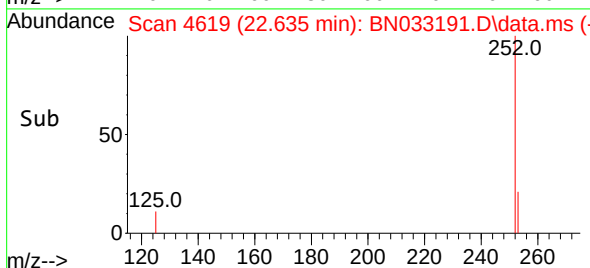
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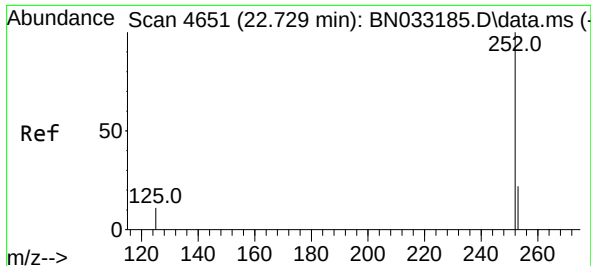


#24
Benzo(b)fluoranthene
Concen: 11.360 ng/ul m
RT: 22.635 min Scan# 4619
Delta R.T. -0.047 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21



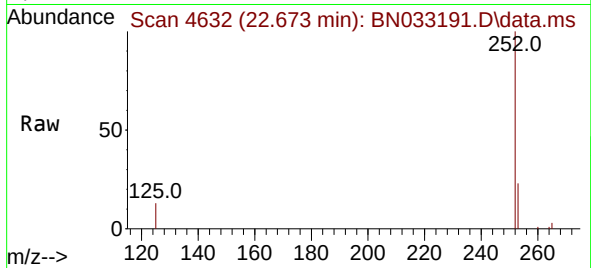
Tgt Ion:252 Resp: 392702
Ion Ratio Lower Upper
252 100
253 22.7 0.0 60.6
125 12.6 0.0 51.0





#25
Benzo(k)fluoranthene
Concen: 3.389 ng/ul m
RT: 22.673 min Scan# 4080
Delta R.T. -0.053 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

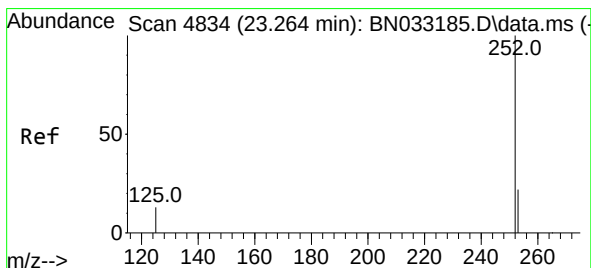
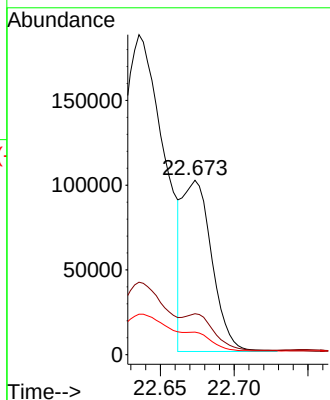
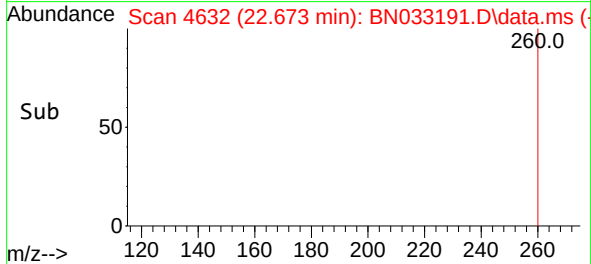
Instrument :
BNA_N
ClientSampleId :
C0AX7



Tgt Ion:252 Resp: 140418
Ion Ratio Lower Upper
252 100
253 23.5 24.9 37.3#
125 12.9 20.9 31.3#

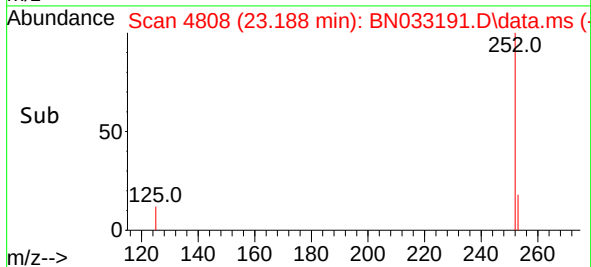
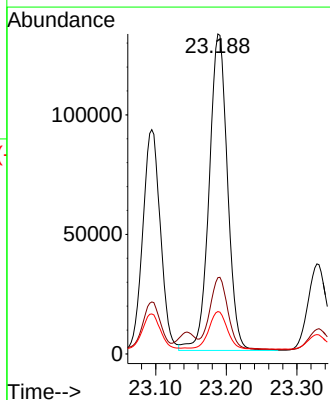
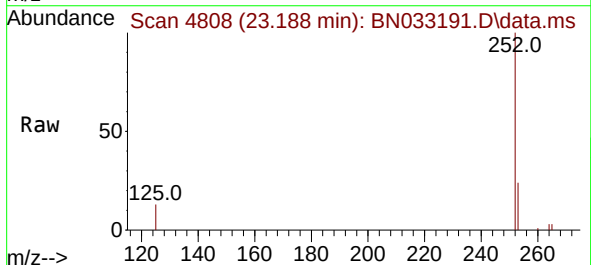
Manual Integrations
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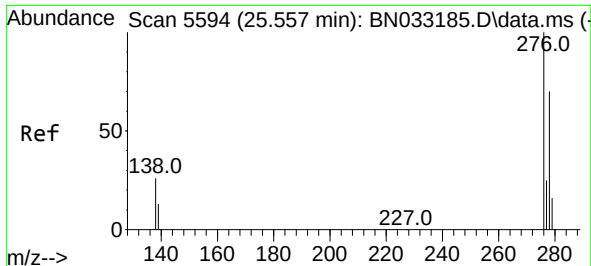
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#26
Benzo(a)pyrene
Concen: 7.343 ng/ul m
RT: 23.188 min Scan# 4808
Delta R.T. -0.061 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

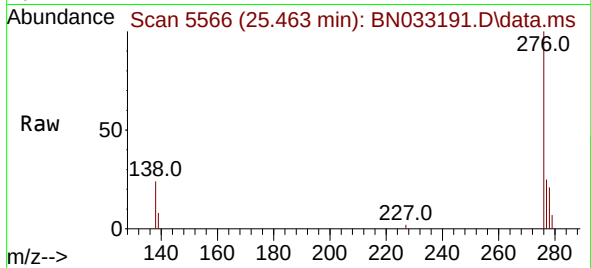
Tgt Ion:252 Resp: 238916
Ion Ratio Lower Upper
252 100
253 23.8 27.5 41.3#
125 13.2 27.0 40.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.130 ng/ul m
RT: 25.463 min Scan# 5566
Delta R.T. -0.077 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

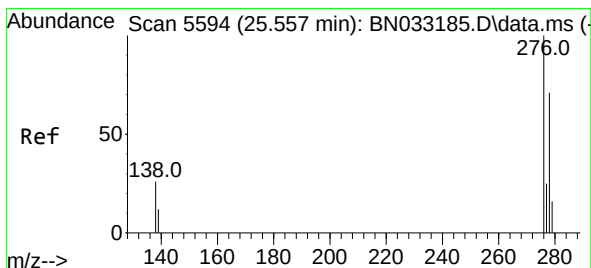
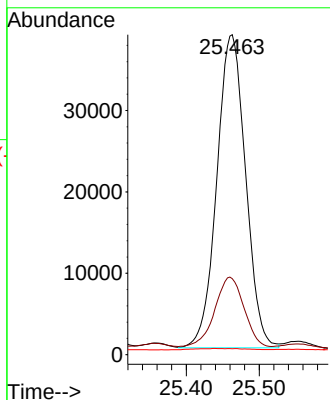
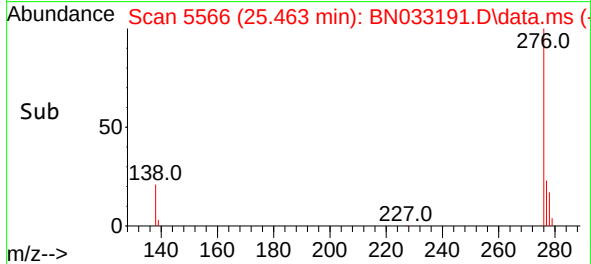
Instrument :
BNA_N
ClientSampleId :
C0AX7



Tgt Ion:276 Resp: 10538
Ion Ratio Lower Upper
276 100
138 3.4 21.8 32.8
227 0.0 0.2 0.2

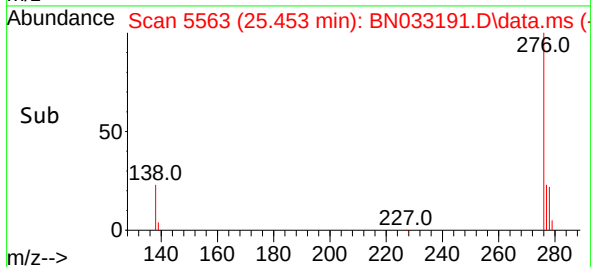
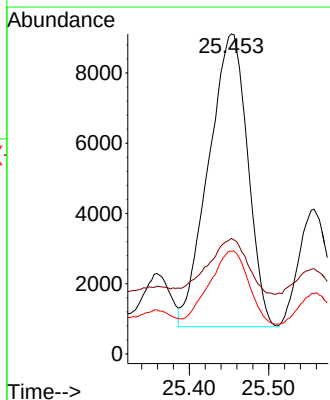
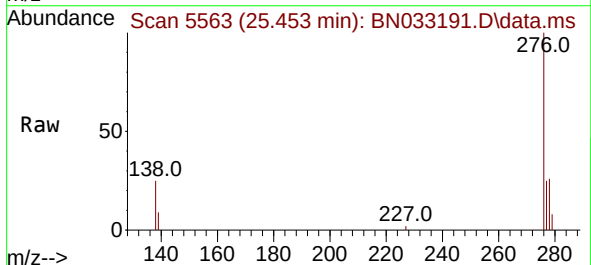
Manual Integrations
APPROVED

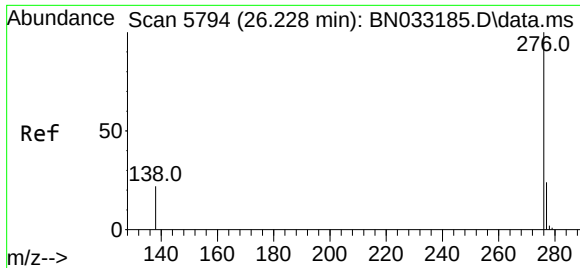
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.728 ng/ul m
RT: 25.453 min Scan# 5563
Delta R.T. -0.087 min
Lab File: BN033191.D
Acq: 02 Aug 2024 06:21

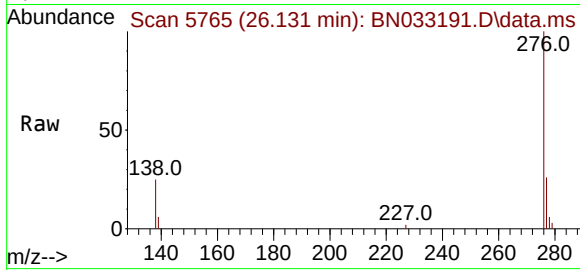
Tgt Ion:278 Resp: 28554
Ion Ratio Lower Upper
278 100
139 36.1 22.5 33.7#
279 32.1 25.5 38.3





#29
 Benzo(g,h,i)perylene
 Concen: 2.511 ng/ul m
 RT: 26.131 min Scan# 51
 Delta R.T. -0.087 min
 Lab File: BN033191.D
 Acq: 02 Aug 2024 06:21

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7



Tgt Ion: 276 Resp: 9872

Ion	Ratio	Lower	Upper
276	100		
138	25.2	24.6	37.0
277	25.6	22.6	34.0

Manual Integrations
 APPROVED

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

