

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033188.D
 Acq On : 02 Aug 2024 04:32
 Operator : MA/JU
 Sample : P3265-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D22

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 04:59:23 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	7.482	152	3154m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.240	136	10172	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.120	164	6326	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.886	188	14006m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.107	240	8792m	0.400	ng/ul	-0.04
23) Perylene-d12	23.288	264	10638m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	9325	2.337	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.857	152	2605	0.157	ng/ul	-0.07
18) Fluoranthene-d10	18.926	212	6207	0.249	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.284	128	29411	1.126	ng/ul#	93
7) 2-Methylnaphthalene	11.934	142	11037	0.624	ng/ul	96
8) 1-Methylnaphthalene	12.148	142	8827	0.461	ng/ul	100
10) Acenaphthylene	13.842	152	32822	1.268	ng/ul	98
11) Acenaphthene	14.185	153	42769	2.196	ng/ul	99
12) Fluorene	15.184	166	45264	1.994	ng/ul	99
15) Phenanthrene	16.924	178	935670m	24.906	ng/ul	
16) Anthracene	17.021	178	165214m	4.891	ng/ul	
19) Fluoranthene	18.958	202	1684756	58.198	ng/ul	97
20) Pyrene	19.325	202	1280036	41.233	ng/ul	97
21) Benzo(a)anthracene	21.093	228	645451m	21.523	ng/ul	
22) Chrysene	21.145	228	722098	20.632	ng/ul	99
24) Benzo(b)fluoranthene	22.636	252	1017454m	32.741	ng/ul	
25) Benzo(k)fluoranthene	22.671	252	334423m	8.980	ng/ul	
26) Benzo(a)pyrene	23.188	252	441884	15.109	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.457	276	442686	9.954	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.450	278	125729m	3.567	ng/ul	
29) Benzo(g,h,i)perylene	26.134	276	66951	1.895	ng/ul	96

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

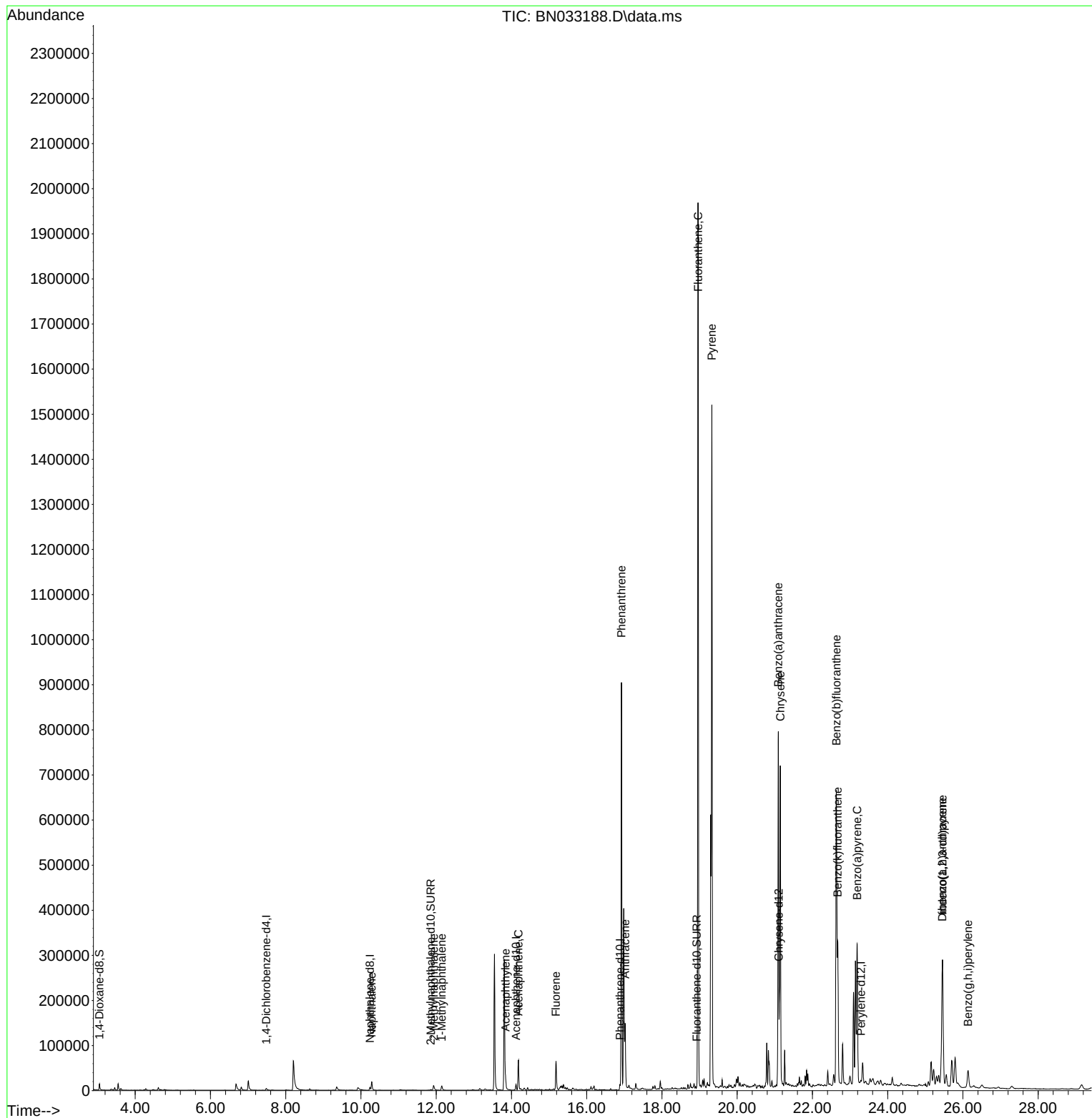
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033188.D
Acq On : 02 Aug 2024 04:32
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Misc :
ALS Vial : 22 Sample Multiplier: 1

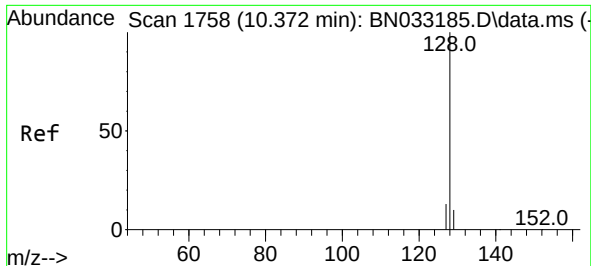
Instrument :
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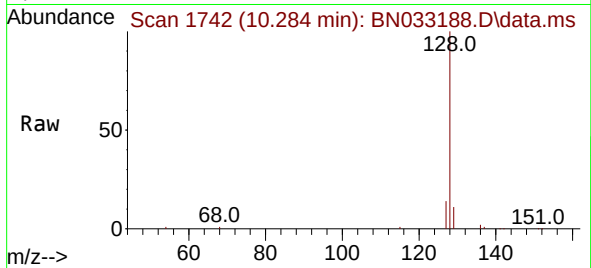
Quant Time: Aug 02 04:59:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.126 ng/ul
RT: 10.284 min Scan# 1742
Delta R.T. -0.093 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

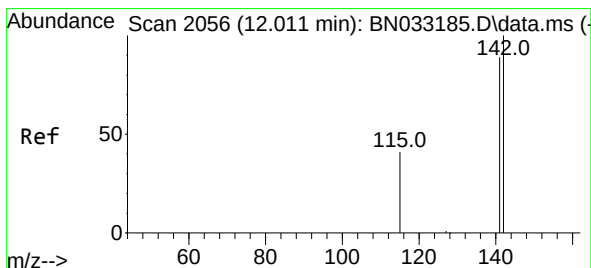
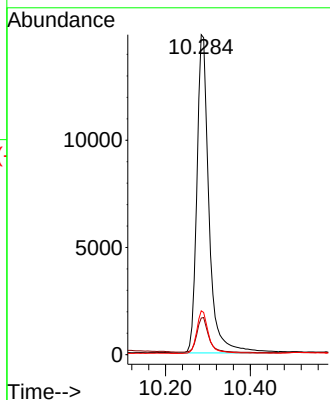
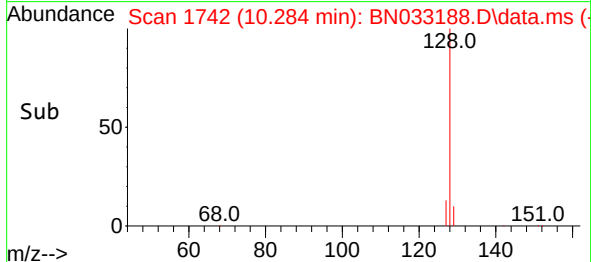
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:128 Resp: 2941
Ion Ratio Lower Upper
128 100
129 11.5 12.0 18.0
127 13.7 12.7 19.1

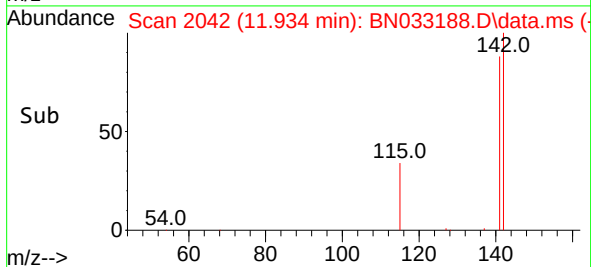
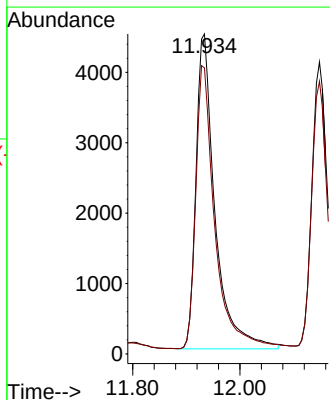
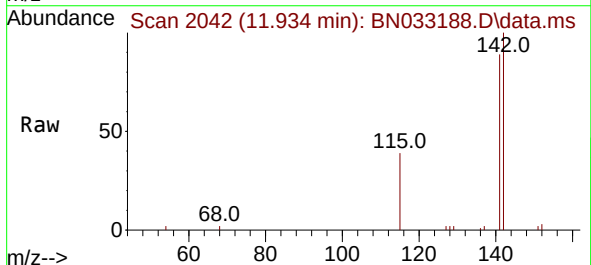
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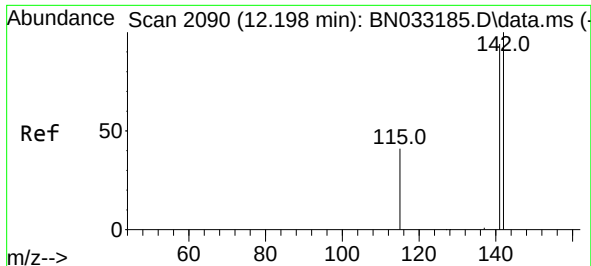
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.624 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

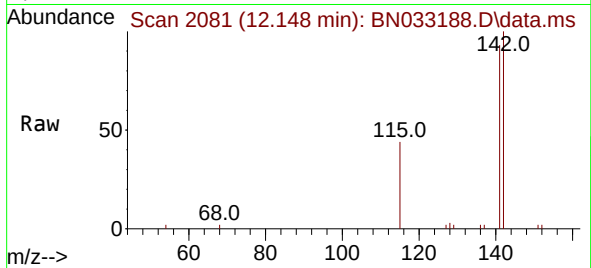
Tgt Ion:142 Resp: 11037
Ion Ratio Lower Upper
142 100
141 90.1 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.148 min Scan# 2081
Delta R.T. -0.049 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

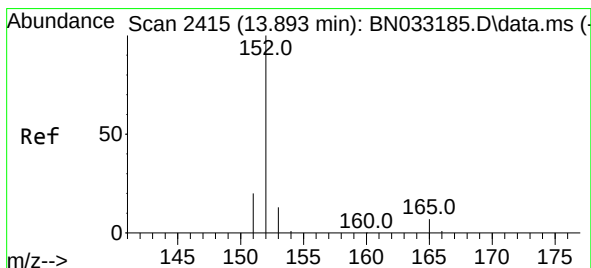
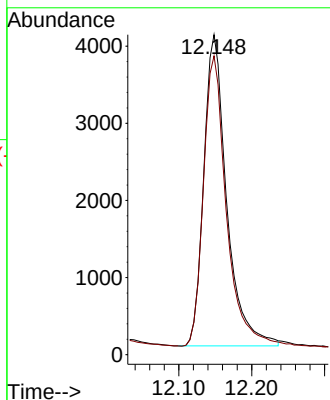
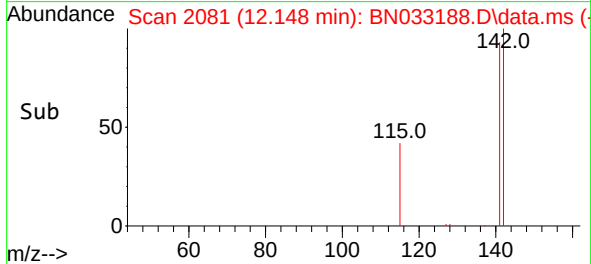
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:142 Resp: 882
Ion Ratio Lower Upper
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141 93.2 74.3 111.5

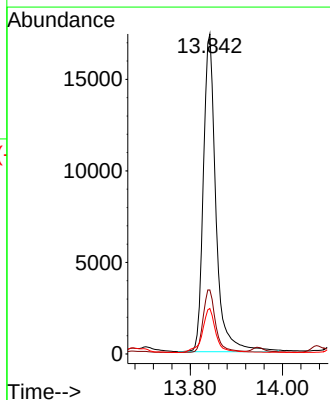
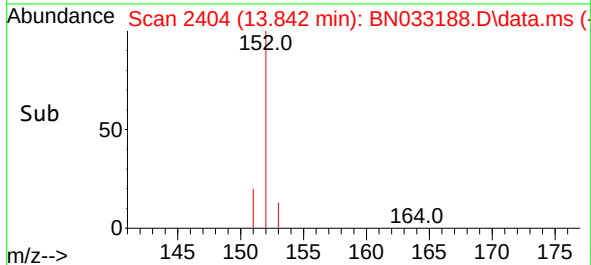
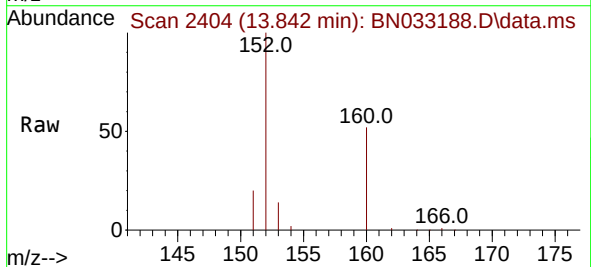
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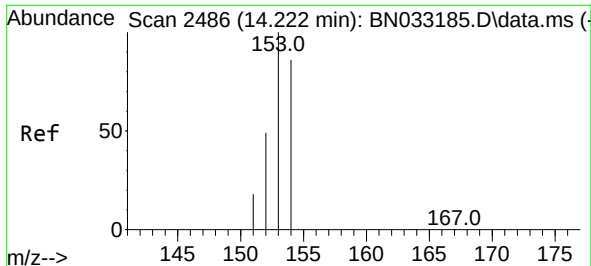
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 1.268 ng/ul
RT: 13.842 min Scan# 2404
Delta R.T. -0.055 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

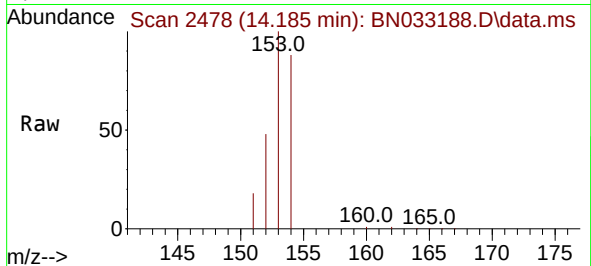
Tgt Ion:152 Resp: 32822
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 14.2 11.9 17.9





#11
Acenaphthene
Concen: 2.196 ng/u1
RT: 14.185 min Scan# 2478
Delta R.T. -0.041 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

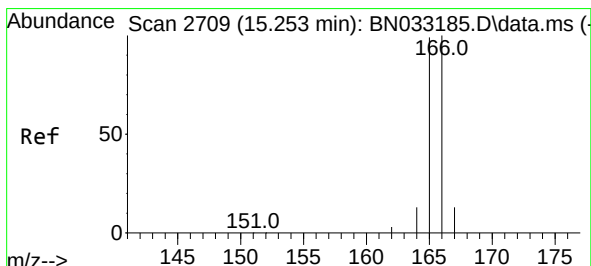
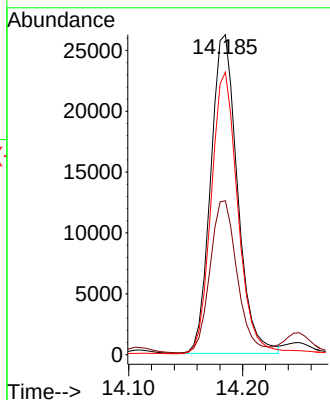
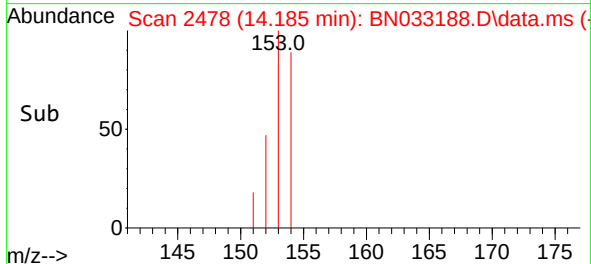
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:153 Resp: 42769
Ion Ratio Lower Upper
153 100
152 48.1 40.0 60.0
154 88.3 70.1 105.1

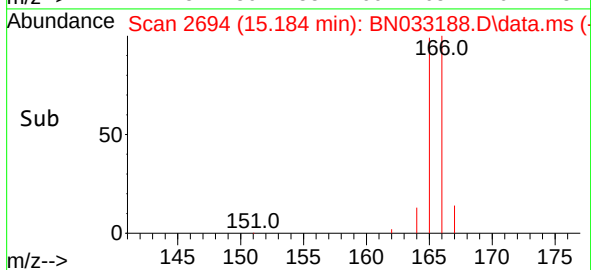
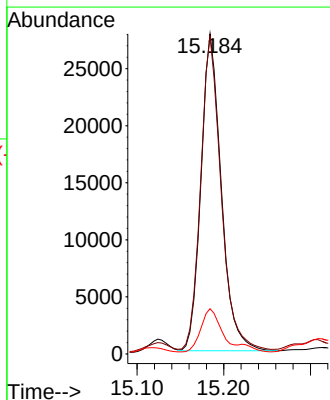
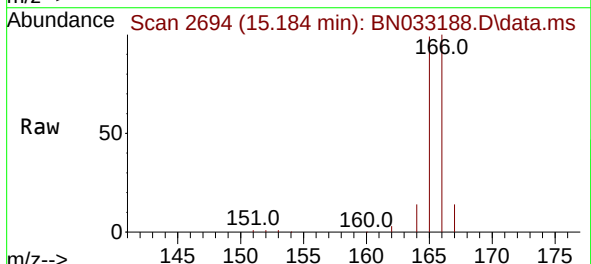
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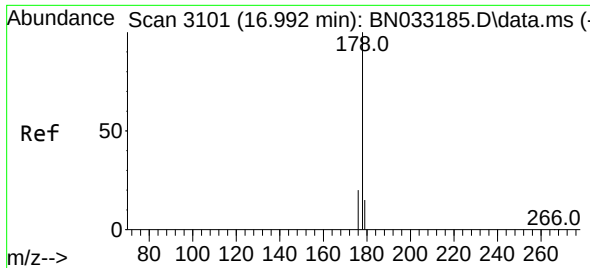
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 1.994 ng/u1
RT: 15.184 min Scan# 2694
Delta R.T. -0.065 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

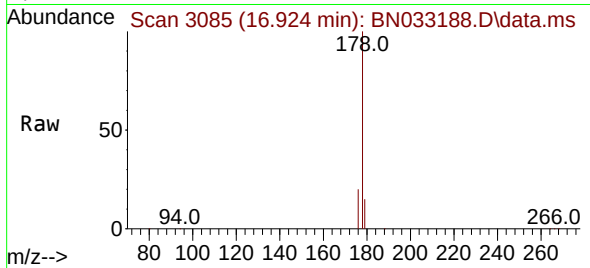
Tgt Ion:166 Resp: 45264
Ion Ratio Lower Upper
166 100
165 99.3 79.6 119.4
167 14.2 12.2 18.4





#15
Phenanthrene
Concen: 24.906 ng/ul m
RT: 16.924 min Scan# 3085
Delta R.T. -0.059 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

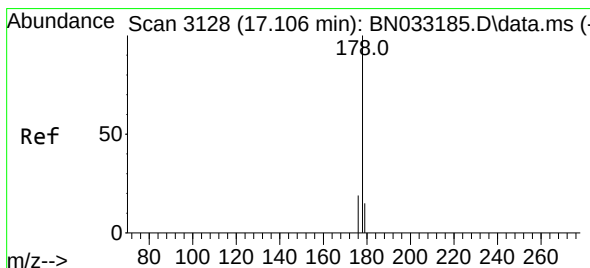
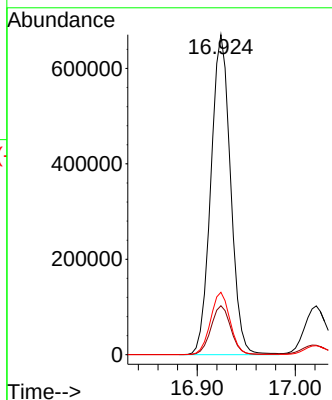
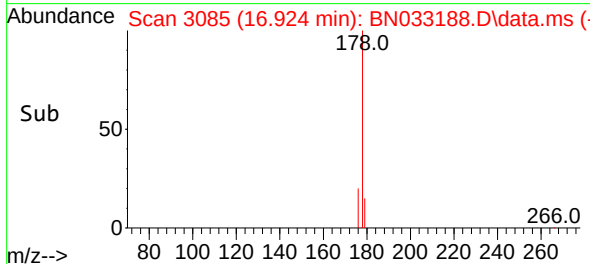
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:178 Resp: 935670
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.5 15.9 23.9

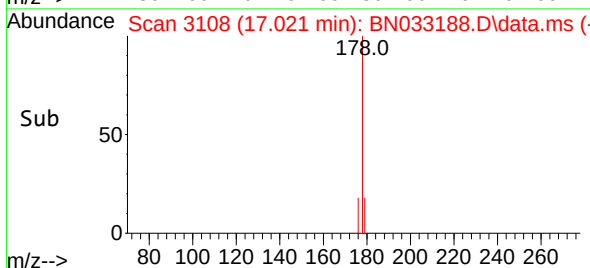
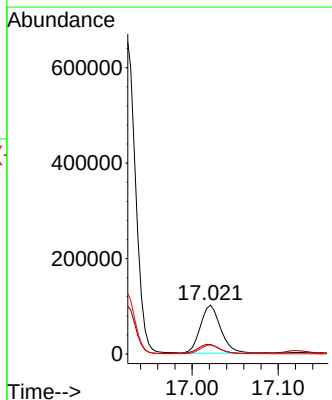
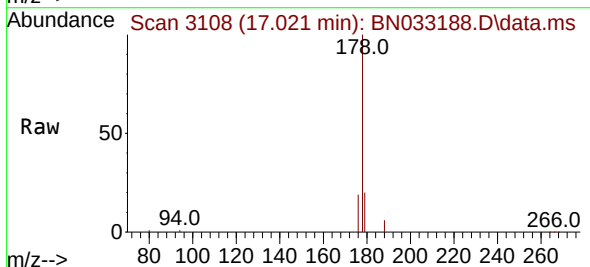
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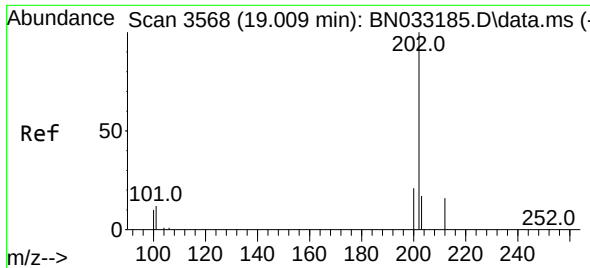
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 4.891 ng/ul m
RT: 17.021 min Scan# 3108
Delta R.T. -0.067 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

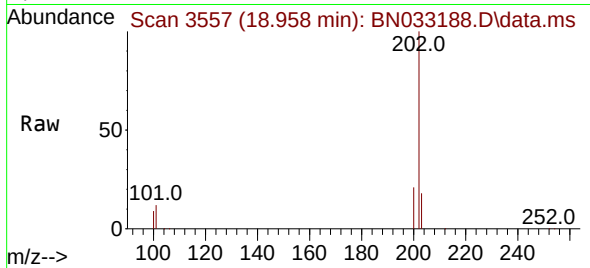
Tgt Ion:178 Resp: 165214
Ion Ratio Lower Upper
178 100
179 19.5 14.3 21.5
176 18.5 15.8 23.8





#19
Fluoranthene
Concen: 58.198 ng/ul
RT: 18.958 min Scan# 31
Delta R.T. -0.046 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

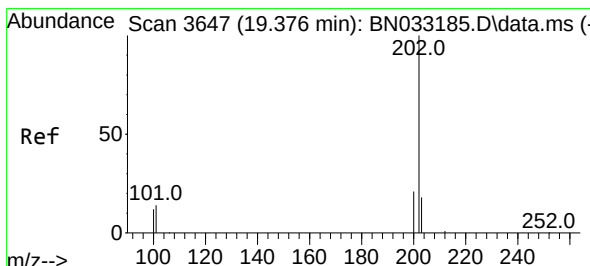
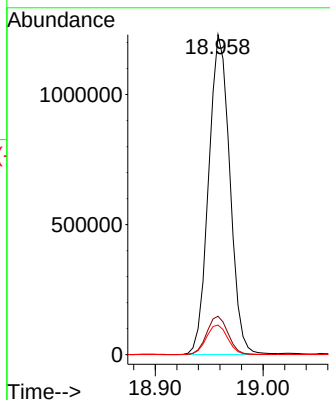
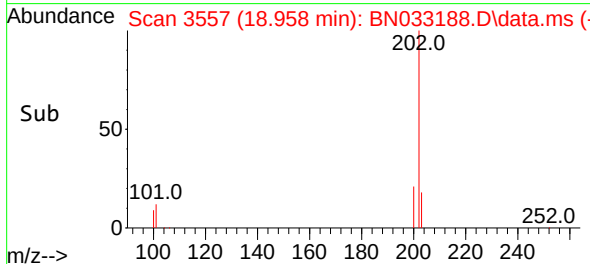
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:202 Resp: 1684750
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.3 8.3 12.5

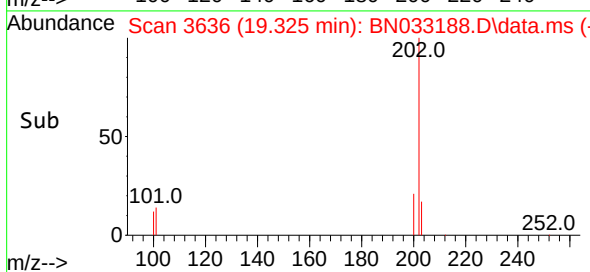
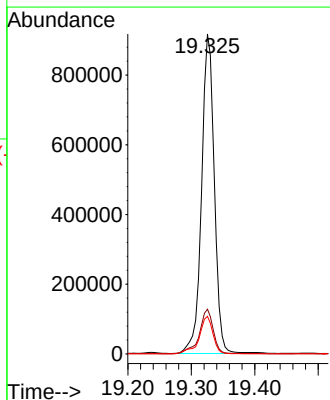
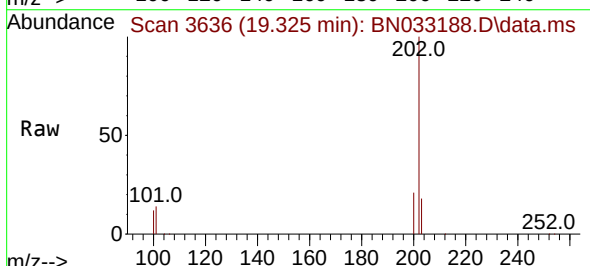
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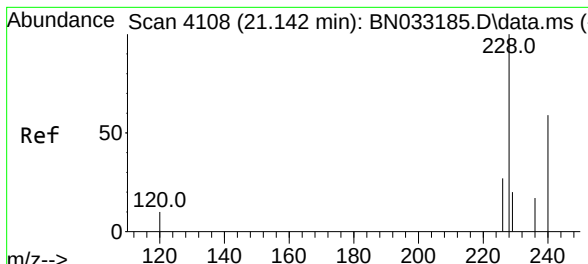
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 41.233 ng/ul
RT: 19.325 min Scan# 3636
Delta R.T. -0.046 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

Tgt Ion:202 Resp: 1280036
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.7 9.9 14.9





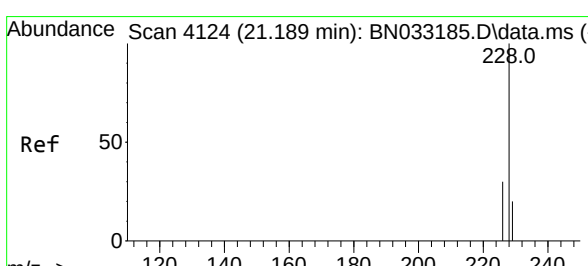
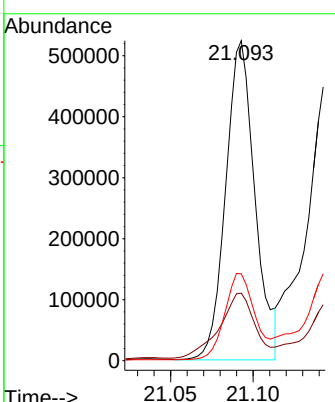
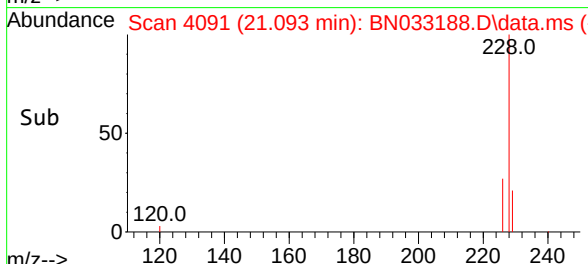
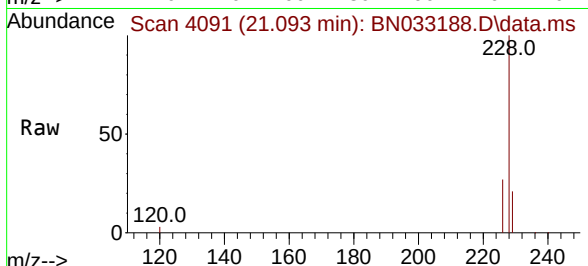
#21
 Benzo(a)anthracene
 Concen: 21.523 ng/ul m
 RT: 21.093 min Scan# 4109
 Delta R.T. -0.044 min
 Lab File: BN033188.D
 Acq: 02 Aug 2024 04:32

Instrument : BNA_N
 ClientSampleId : A4D22

Tgt Ion:228 Resp: 64545

Ion	Ratio	Lower	Upper
228	100		
229	21.1	17.1	25.7
226	27.2	22.4	33.6

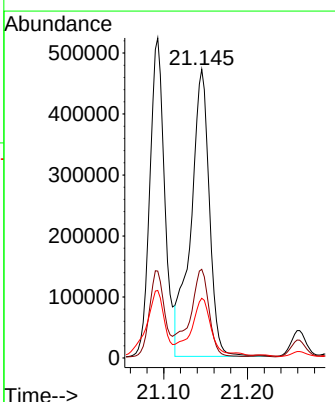
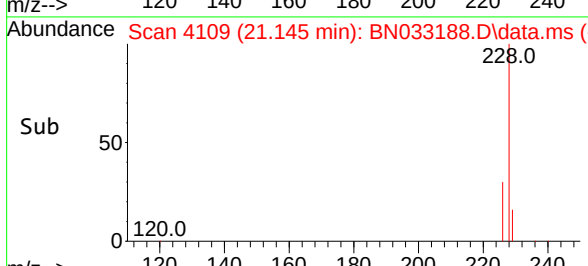
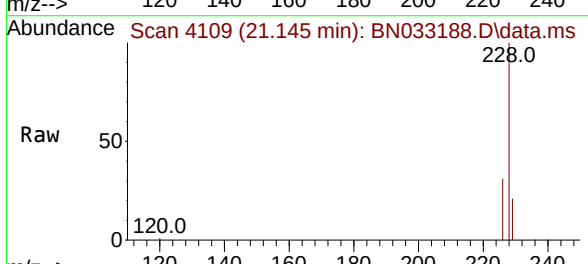
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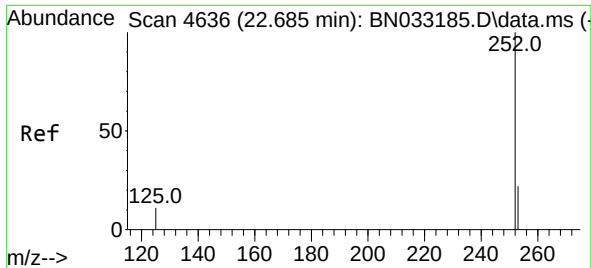


#22
 Chrysene
 Concen: 20.632 ng/ul
 RT: 21.145 min Scan# 4109
 Delta R.T. -0.044 min
 Lab File: BN033188.D
 Acq: 02 Aug 2024 04:32

Tgt Ion:228 Resp: 722098

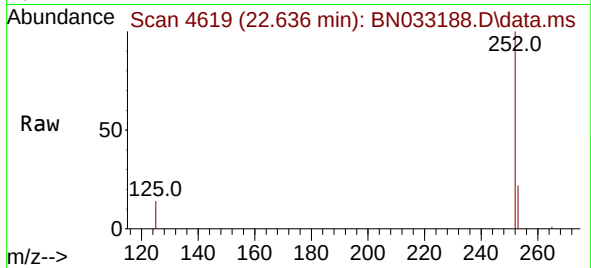
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.7	17.0	25.6





#24
Benzo(b)fluoranthene
Concen: 32.741 ng/ul m
RT: 22.636 min Scan# 4619
Delta R.T. -0.047 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

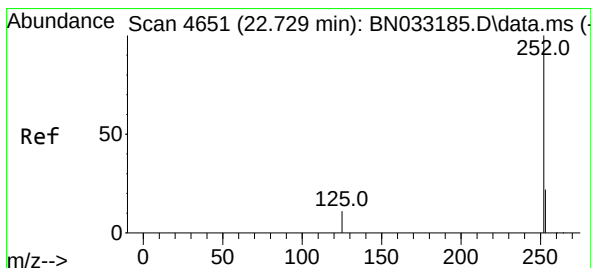
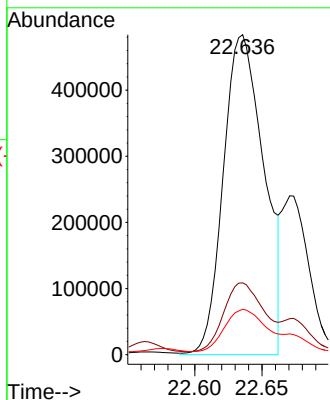
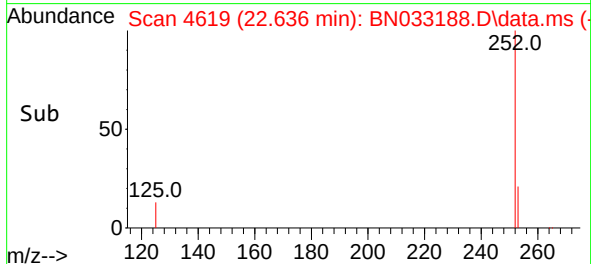
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:252 Resp: 101745
Ion Ratio Lower Upper
252 100
253 22.4 0.0 60.6
125 14.2 0.0 51.0

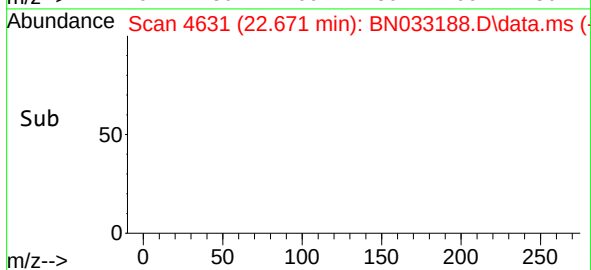
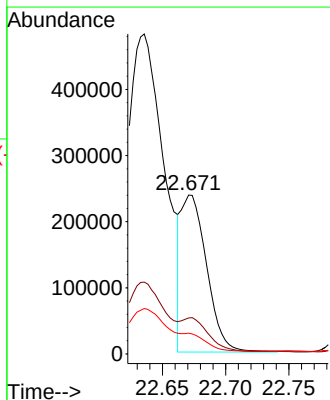
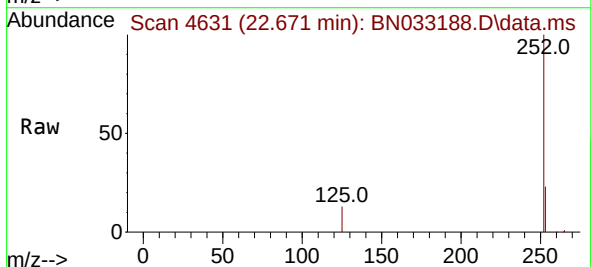
Manual Integrations
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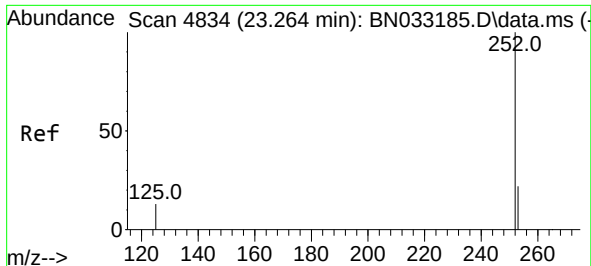
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 8.980 ng/ul m
RT: 22.671 min Scan# 4631
Delta R.T. -0.055 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

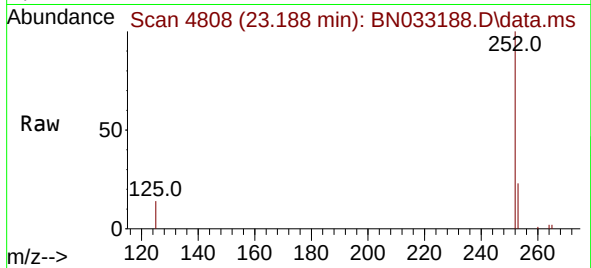
Tgt Ion:252 Resp: 334423
Ion Ratio Lower Upper
252 100
253 22.7 24.9 37.3#
125 13.1 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 15.109 ng/ul
RT: 23.188 min Scan# 4808
Delta R.T. -0.061 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

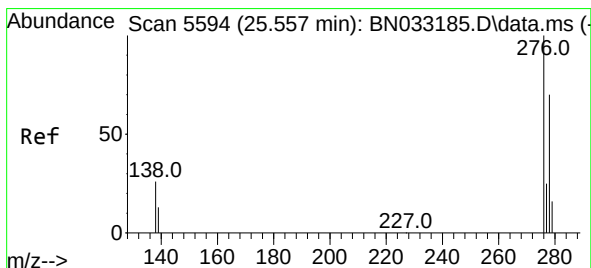
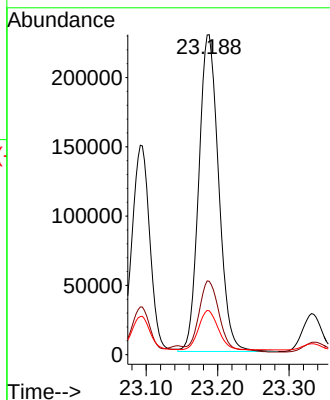
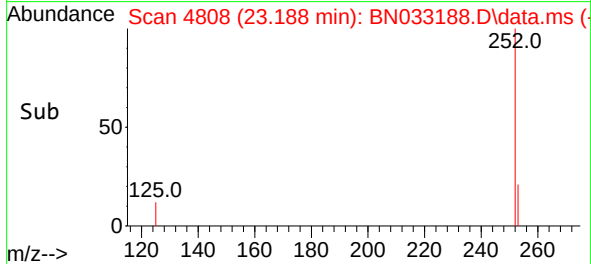
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:252 Resp: 441884
Ion Ratio Lower Upper
252 100
253 22.9 27.5 41.3
125 13.7 27.0 40.6

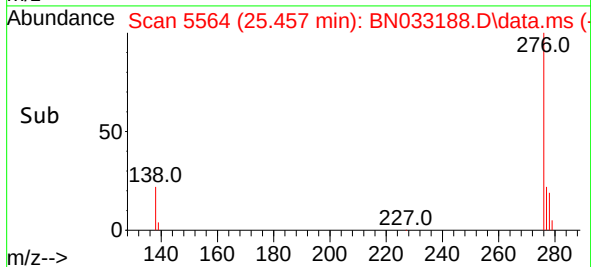
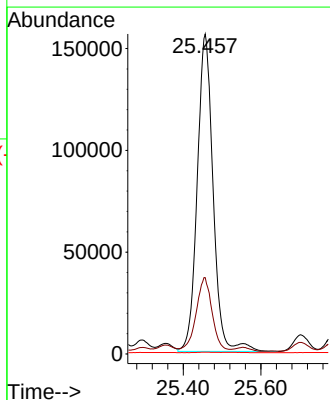
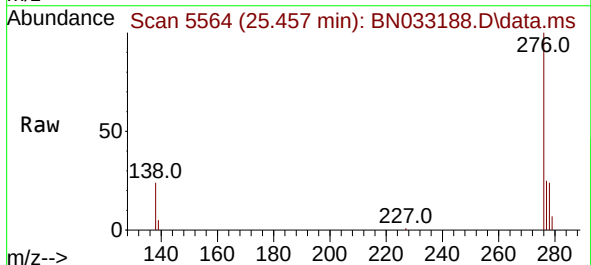
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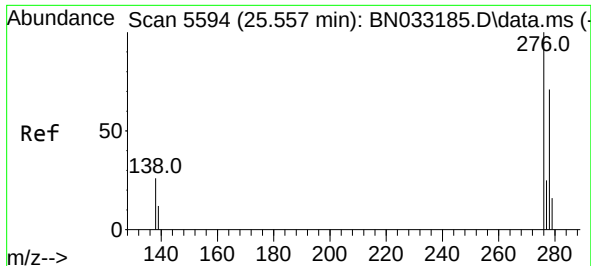
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.954 ng/ul
RT: 25.457 min Scan# 5564
Delta R.T. -0.084 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

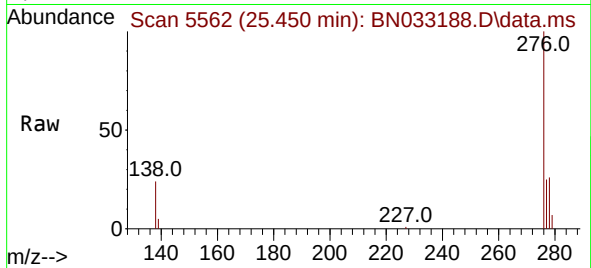
Tgt Ion:276 Resp: 442686
Ion Ratio Lower Upper
276 100
138 22.4 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 3.567 ng/ul m
RT: 25.450 min Scan# 51
Delta R.T. -0.090 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

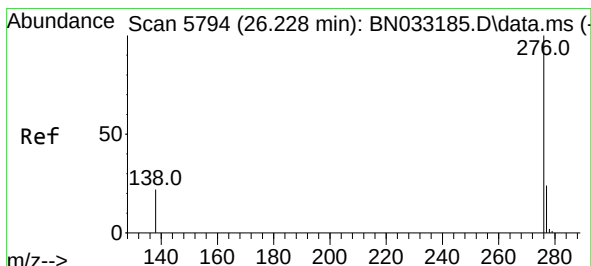
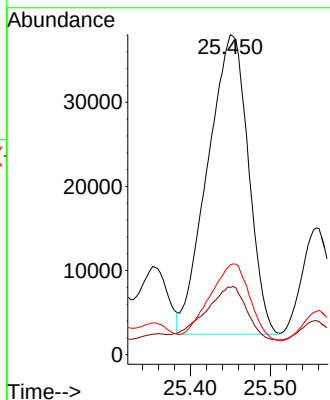
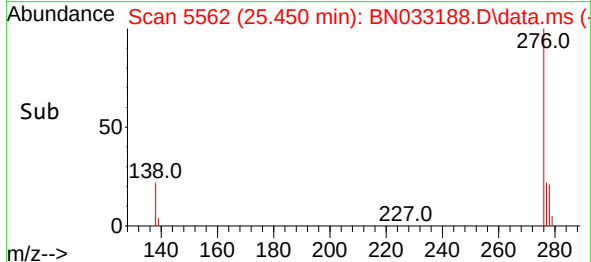
Instrument :
BNA_N
ClientSampleId :
A4D22



Tgt Ion:278 Resp: 125729
Ion Ratio Lower Upper
278 100
139 21.0 22.5 33.7
279 28.1 25.5 38.3

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



#29
Benzo(g,h,i)perylene
Concen: 1.895 ng/ul
RT: 26.134 min Scan# 5766
Delta R.T. -0.084 min
Lab File: BN033188.D
Acq: 02 Aug 2024 04:32

Tgt Ion:276 Resp: 66951
Ion Ratio Lower Upper
276 100
138 29.8 24.6 37.0
277 31.4 22.6 34.0

