

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033153.D
 Acq On : 01 Aug 2024 05:18
 Operator : MA/JU
 Sample : P3265-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D42

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 01 07:35:19 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	7.478	152	3265m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.234	136	10679	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.125	164	6258	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.890	188	14215m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.122	240	12106m	0.400	ng/ul	-0.03
23) Perylene-d12	23.299	264	10499m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	15834m	3.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.857	152	4040	0.232	ng/ul	-0.07
18) Fluoranthene-d10	18.939	212	9330	0.272	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.284	128	1752	0.064	ng/ul#	88
7) 2-Methylnaphthalene	11.934	142	687	0.037	ng/ul	97
8) 1-Methylnaphthalene	12.159	142	598	0.030	ng/ul	95
10) Acenaphthylene	13.847	152	2531	0.099	ng/ul#	87
11) Acenaphthene	14.189	153	2919	0.152	ng/ul	98
12) Fluorene	15.189	166	3393	0.151	ng/ul	97
15) Phenanthrene	16.933	178	62980m	1.652	ng/ul	
16) Anthracene	17.025	178	13161m	0.384	ng/ul	
19) Fluoranthene	18.967	202	79621	1.998	ng/ul	98
20) Pyrene	19.335	202	74739	1.748	ng/ul	97
21) Benzo(a)anthracene	21.107	228	43147	1.045	ng/ul	98
22) Chrysene	21.157	228	37287	0.774	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	48241m	1.573	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	17958m	0.489	ng/ul	
26) Benzo(a)pyrene	23.200	252	32232	1.117	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.500	276	19957	0.455	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.487	278	4859	0.140	ng/ul#	72
29) Benzo(g,h,i)perylene	26.171	276	20170	0.578	ng/ul	97

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

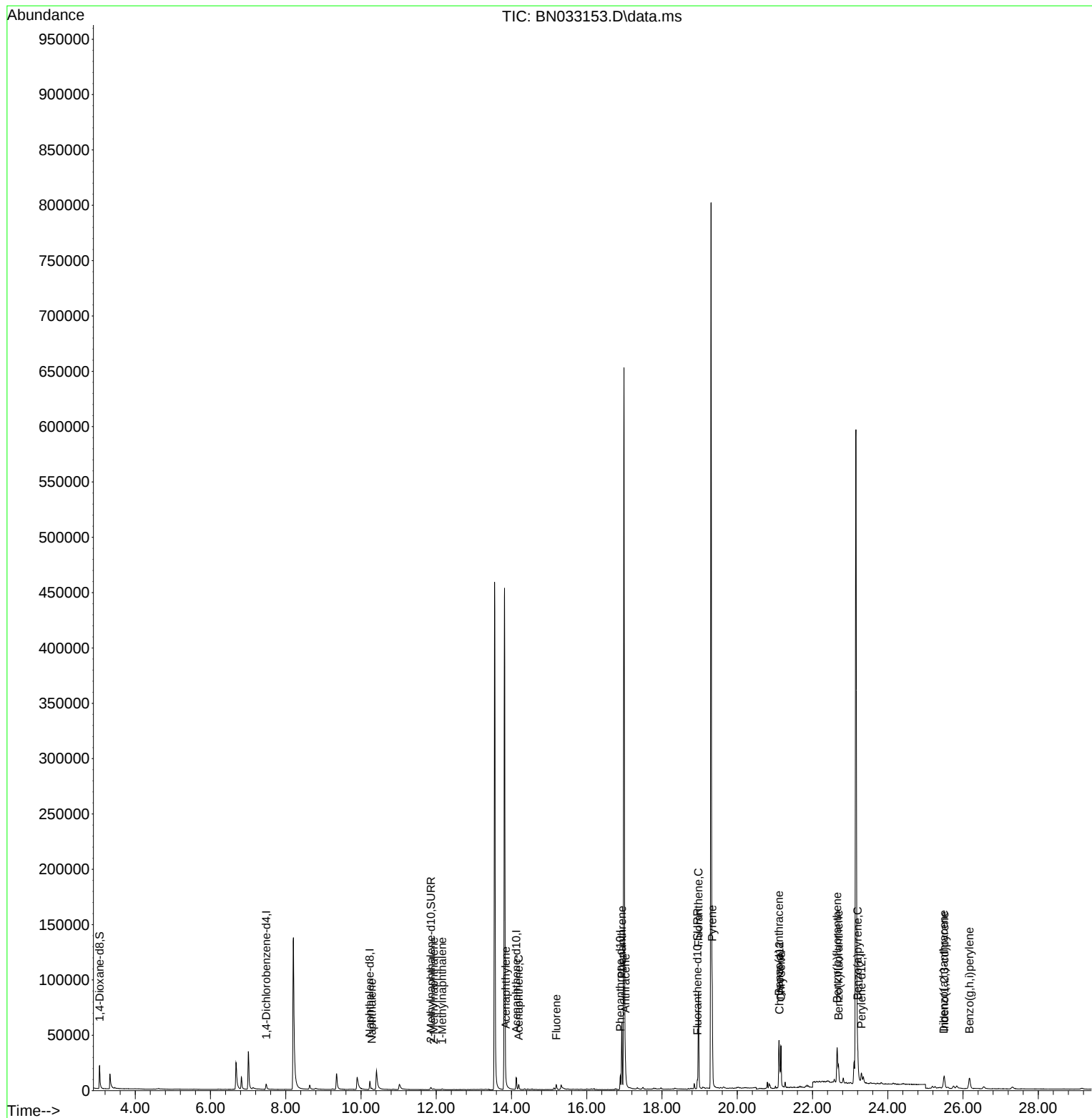
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033153.D
Acq On : 01 Aug 2024 05:18
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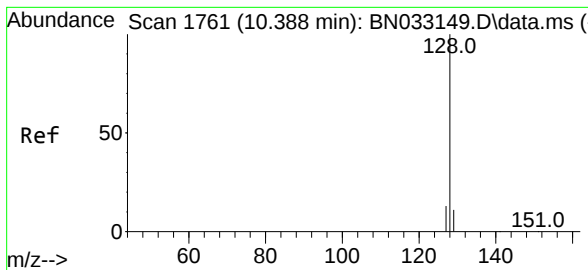
Instrument :
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Supervised By :mohammad ahmed 08/13/2024

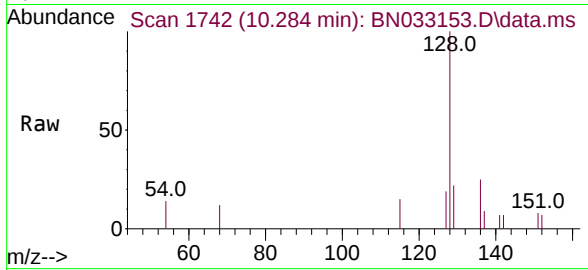
Quant Time: Aug 01 07:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.284 min Scan# 1752
Delta R.T. -0.093 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

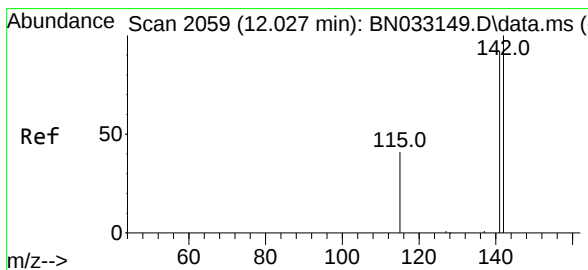
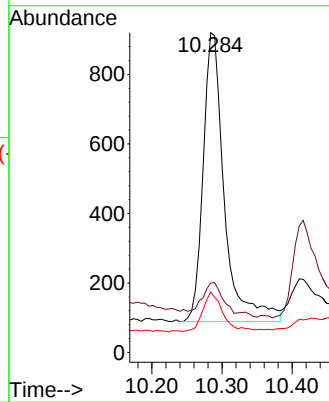
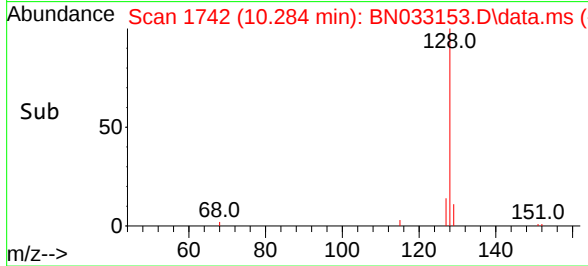
Instrument :
BNA_N
ClientSampleId :
A4D42



Tgt Ion:128 Resp: 1752
Ion Ratio Lower Upper
128 100
129 21.7 12.0 18.0
127 18.9 12.7 19.1

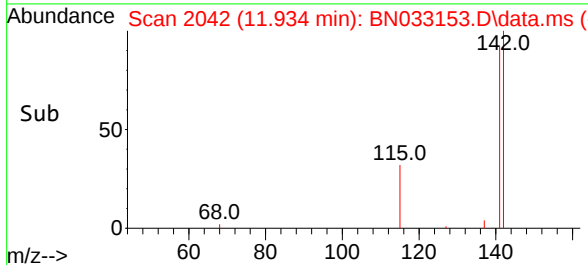
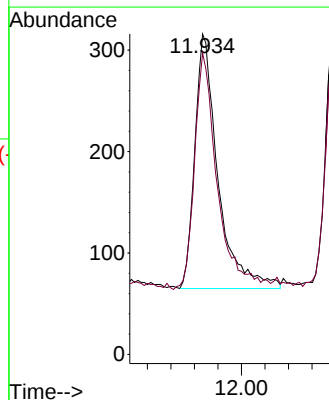
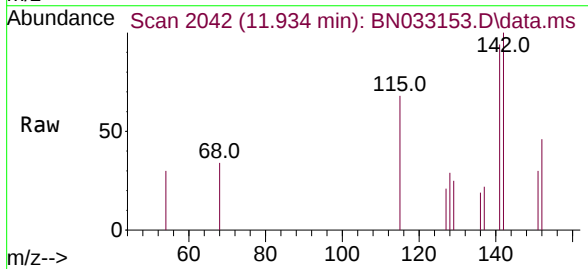
Manual Integrations
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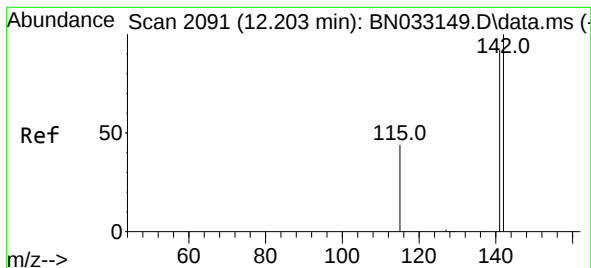
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

Tgt Ion:142 Resp: 687
Ion Ratio Lower Upper
142 100
141 91.6 75.2 112.8





#8

1-Methylnaphthalene

Concen: 0.030 ng/u1

RT: 12.159 min Scan# 2091

Delta R.T. -0.038 min

Lab File: BN033153.D

Acq: 01 Aug 2024 05:18

Instrument :

BNA_N

ClientSampleId :

A4D42

Tgt Ion:142 Resp: 598

Ion Ratio Lower Upper

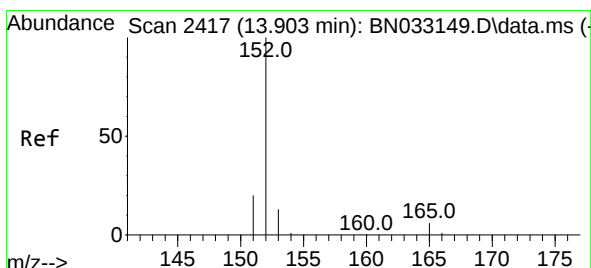
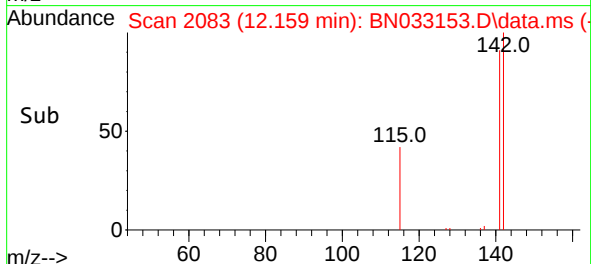
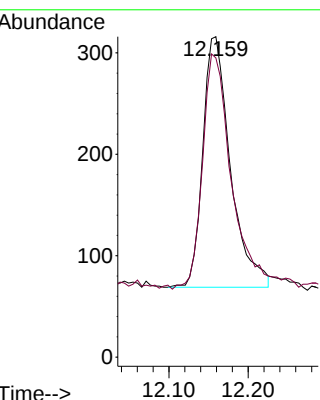
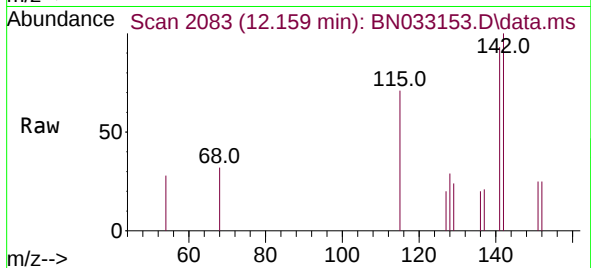
142 100

141 98.0 74.3 111.5

Manual Integrations

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Supervised By :mohammad ahmed 08/13/2024



#10

Acenaphthylene

Concen: 0.099 ng/u1

RT: 13.847 min Scan# 2405

Delta R.T. -0.051 min

Lab File: BN033153.D

Acq: 01 Aug 2024 05:18

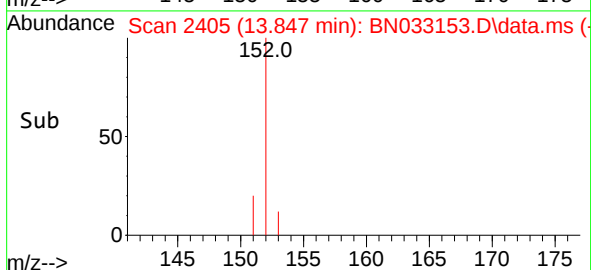
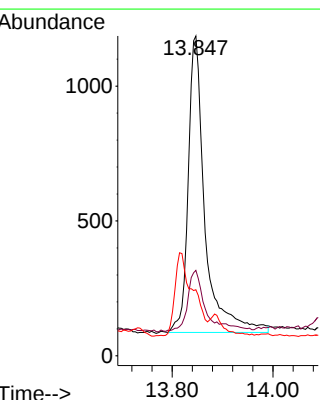
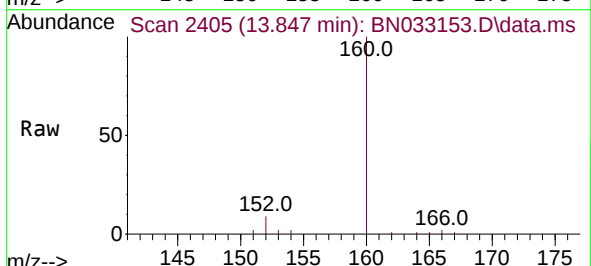
Tgt Ion:152 Resp: 2531

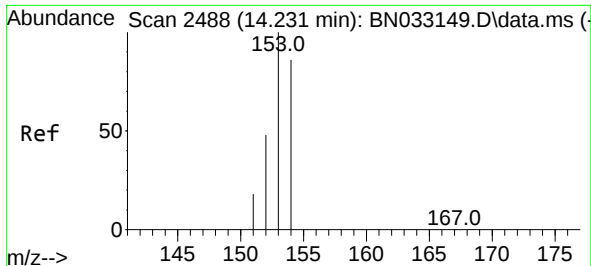
Ion Ratio Lower Upper

152 100

151 26.7 16.8 25.2#

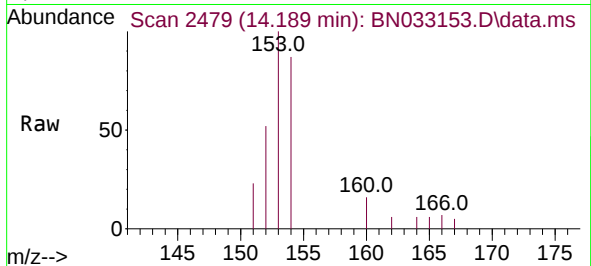
153 20.7 11.9 17.9#





#11
Acenaphthene
Concen: 0.152 ng/ul
RT: 14.189 min Scan# 2488
Delta R.T. -0.037 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

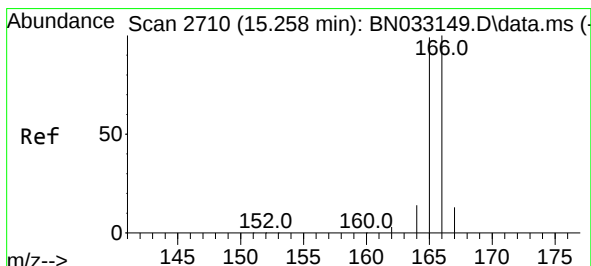
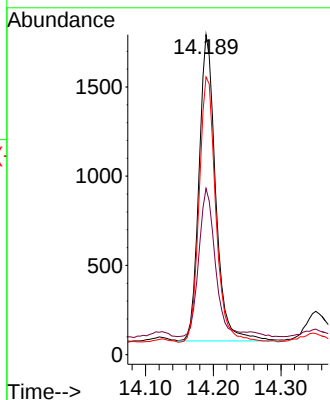
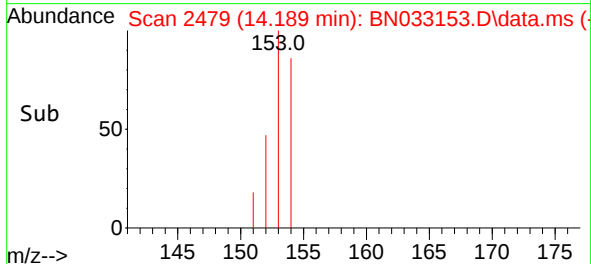
Instrument :
BNA_N
ClientSampleId :
A4D42



Tgt Ion:153 Resp: 2919
Ion Ratio Lower Upper
153 100
152 51.9 40.0 60.0
154 86.8 70.1 105.1

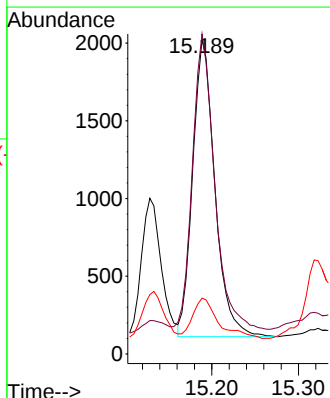
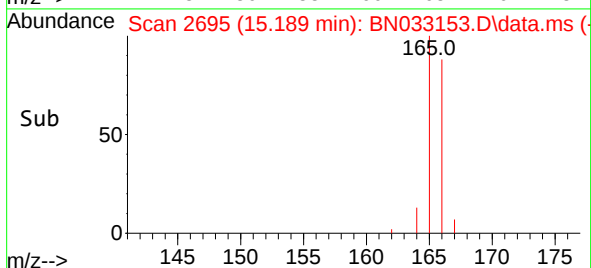
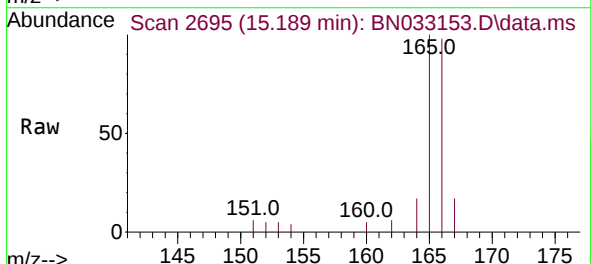
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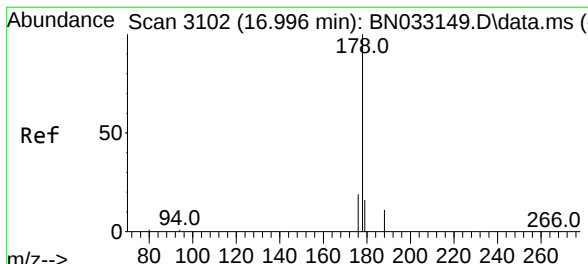
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#12
Fluorene
Concen: 0.151 ng/ul
RT: 15.189 min Scan# 2695
Delta R.T. -0.060 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

Tgt Ion:166 Resp: 3393
Ion Ratio Lower Upper
166 100
165 101.8 79.6 119.4
167 17.8 12.2 18.4





#15
 Phenanthrene
 Concen: 1.652 ng/ul m
 RT: 16.933 min Scan# 3108
 Delta R.T. -0.050 min
 Lab File: BN033153.D
 Acq: 01 Aug 2024 05:18

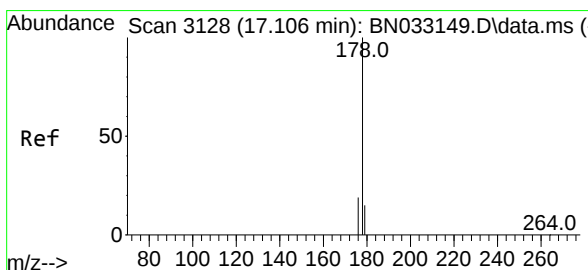
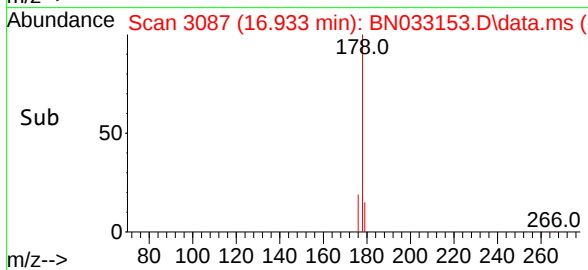
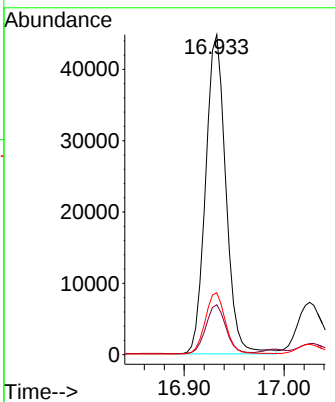
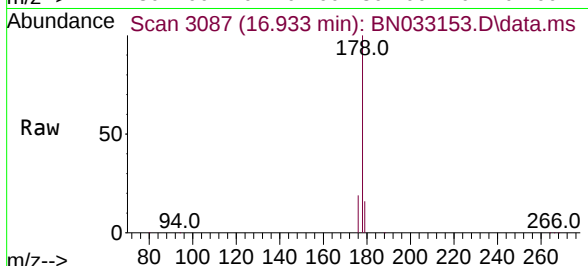
Instrument :
 BNA_N
 ClientSampleId :
 A4D42

Tgt Ion:178 Resp: 62980

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.7	20.5
176	19.3	15.9	23.9

Manual Integrations
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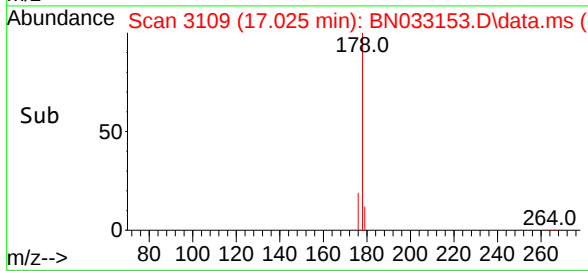
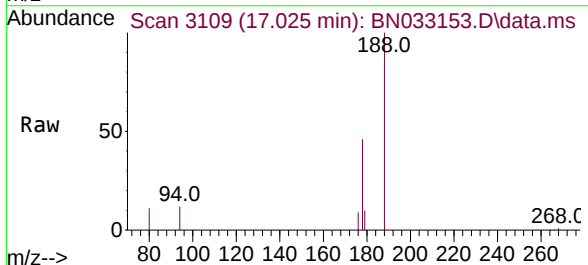
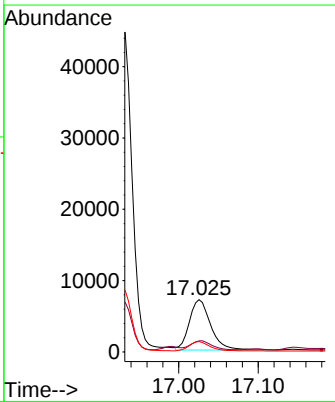
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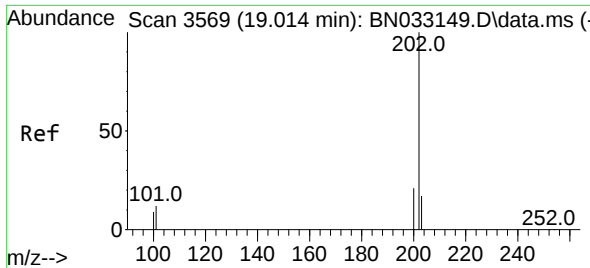


#16
 Anthracene
 Concen: 0.384 ng/ul m
 RT: 17.025 min Scan# 3109
 Delta R.T. -0.063 min
 Lab File: BN033153.D
 Acq: 01 Aug 2024 05:18

Tgt Ion:178 Resp: 13161

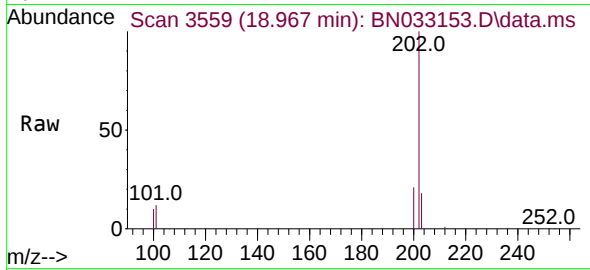
Ion	Ratio	Lower	Upper
178	100		
179	21.1	14.3	21.5
176	19.9	15.8	23.8





#19
Fluoranthene
Concen: 1.998 ng/ul
RT: 18.967 min Scan# 31
Delta R.T. -0.037 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

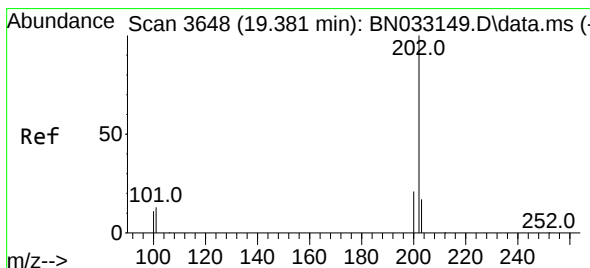
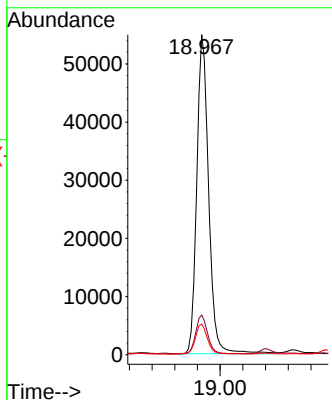
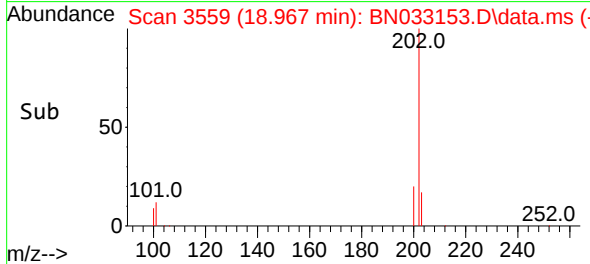
Instrument :
BNA_N
ClientSampleId :
A4D42



Tgt Ion:202 Resp: 7962
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.6 8.3 12.5

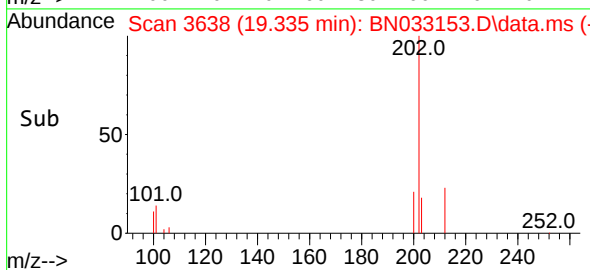
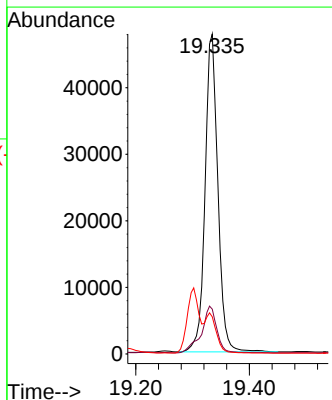
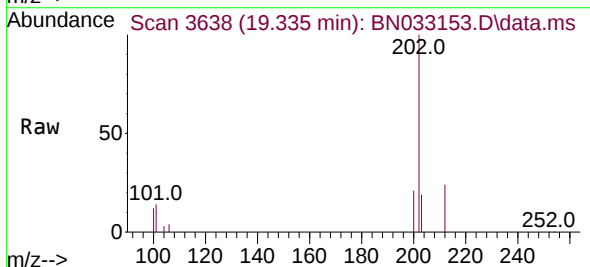
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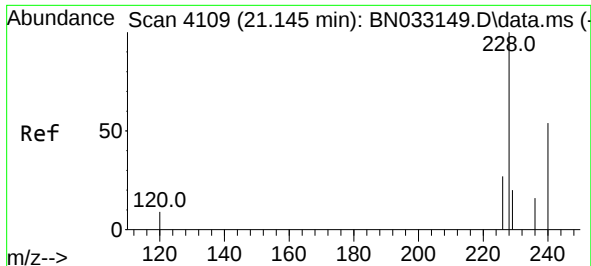
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 1.748 ng/ul
RT: 19.335 min Scan# 3638
Delta R.T. -0.037 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

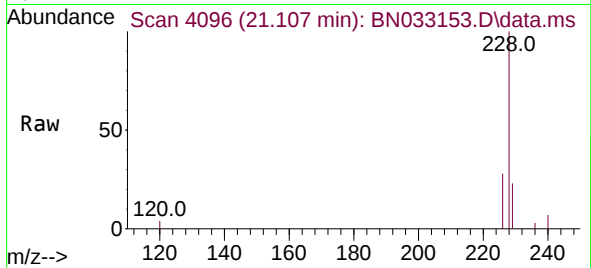
Tgt Ion:202 Resp: 74739
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.6 9.9 14.9





#21
Benzo(a)anthracene
Concen: 1.045 ng/ul
RT: 21.107 min Scan# 4113
Delta R.T. -0.029 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

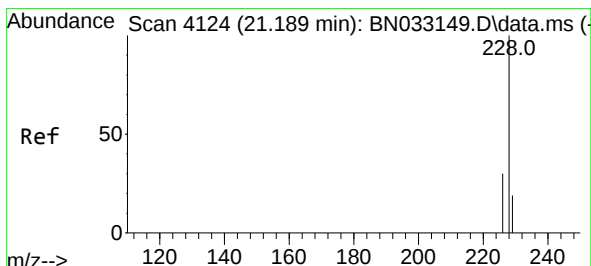
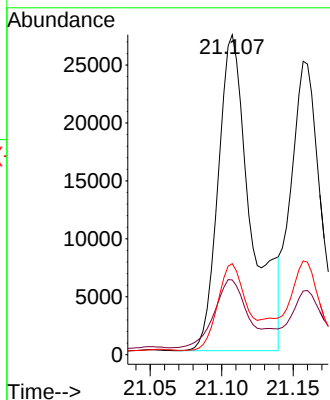
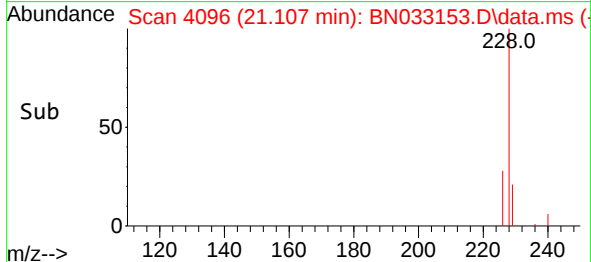
Instrument :
BNA_N
ClientSampleId :
A4D42



Tgt Ion:228 Resp: 4314
Ion Ratio Lower Upper
228 100
229 23.4 17.1 25.7
226 28.5 22.4 33.6

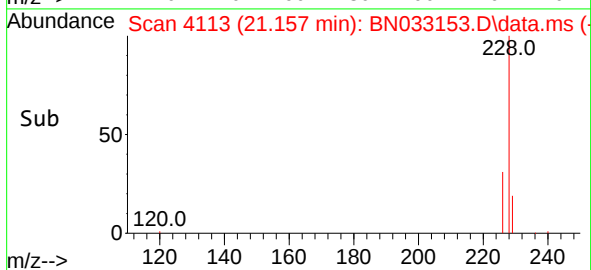
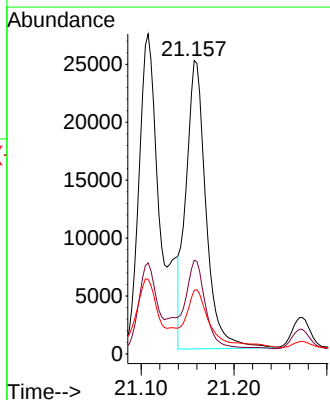
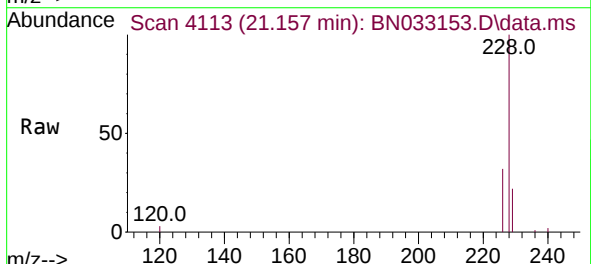
Manual Integrations
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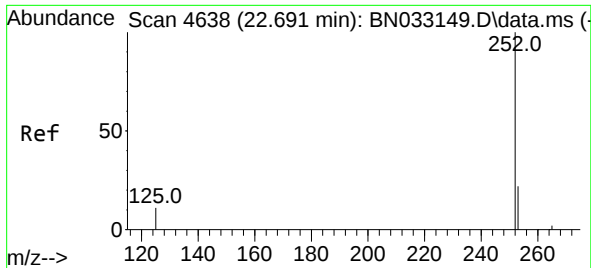
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 0.774 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.032 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

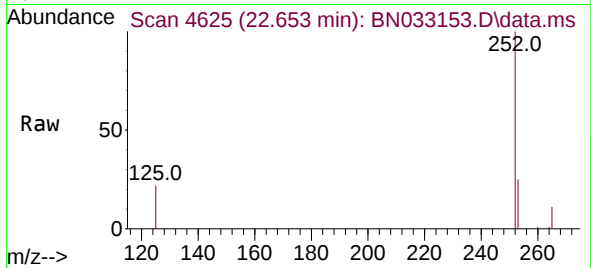
Tgt Ion:228 Resp: 37287
Ion Ratio Lower Upper
228 100
226 32.0 24.7 37.1
229 21.7 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 1.573 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.029 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

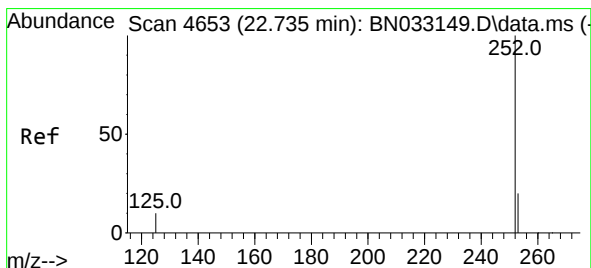
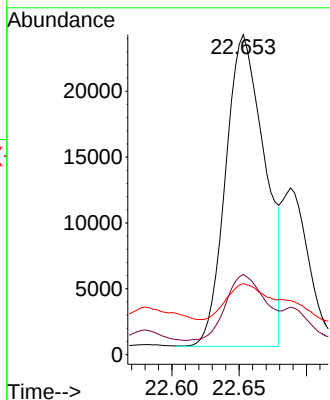
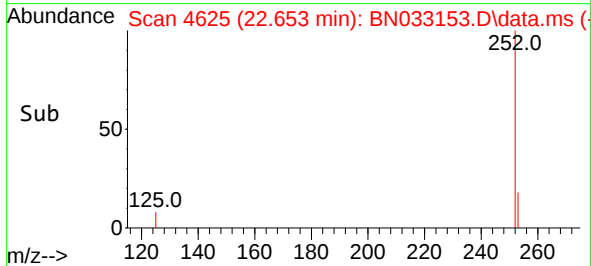
Instrument :
BNA_N
ClientSampleId :
A4D42



Tgt Ion:252 Resp: 4824
Ion Ratio Lower Upper
252 100
253 25.1 0.0 60.6
125 22.2 0.0 51.0

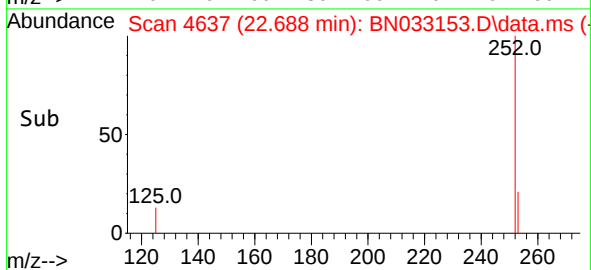
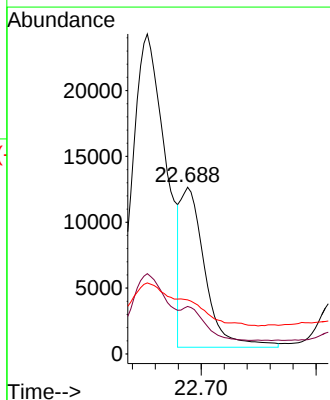
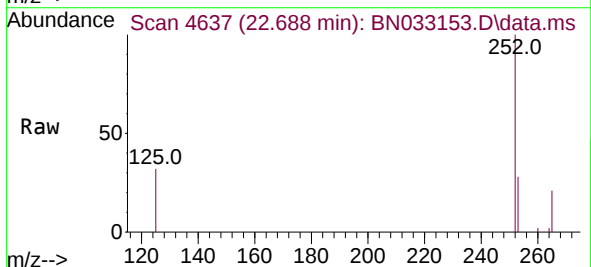
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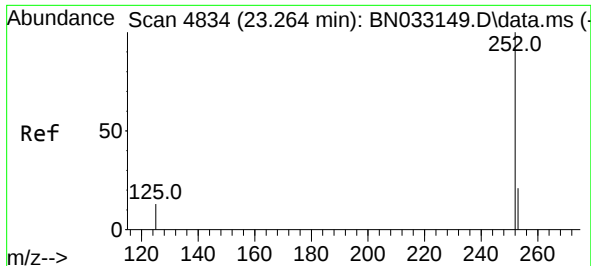
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.489 ng/ul m
RT: 22.688 min Scan# 4637
Delta R.T. -0.038 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

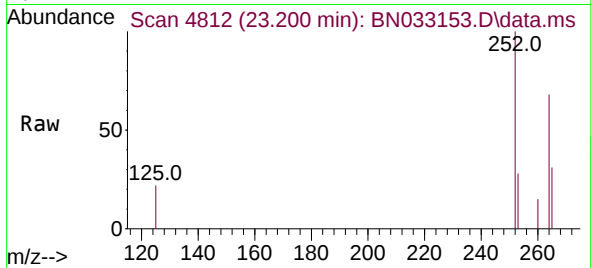
Tgt Ion:252 Resp: 17958
Ion Ratio Lower Upper
252 100
253 28.5 24.9 37.3
125 32.4 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 1.117 ng/ul
RT: 23.200 min Scan# 4812
Delta R.T. -0.050 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

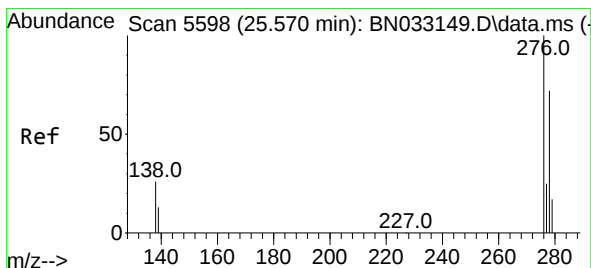
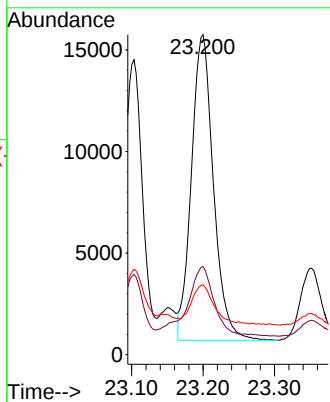
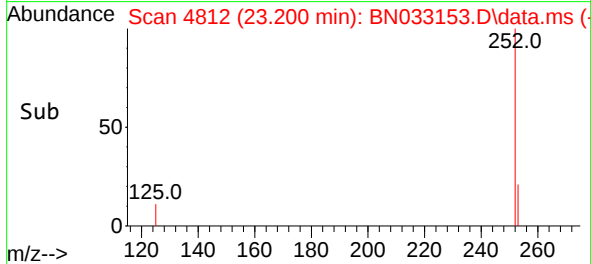
Instrument :
BNA_N
ClientSampleId :
A4D42



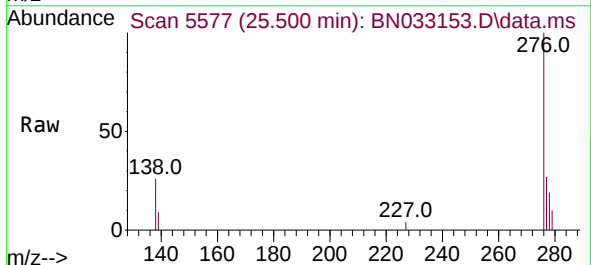
Tgt Ion:252 Resp: 3223
Ion Ratio Lower Upper
252 100
253 27.5 27.5 41.3
125 21.8 27.0 40.6

Manual Integrations
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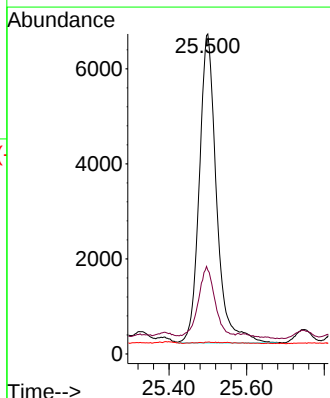
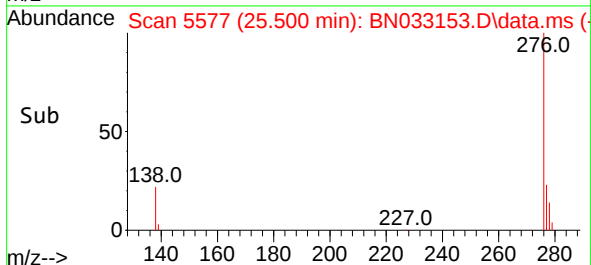
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

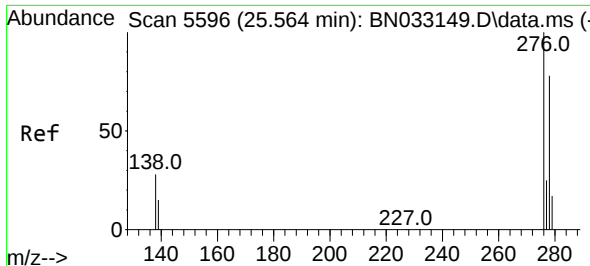


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng/ul
RT: 25.500 min Scan# 5577
Delta R.T. -0.040 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18



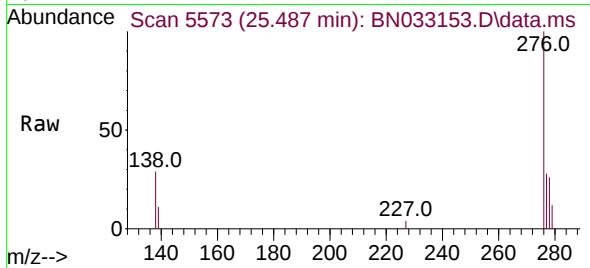
Tgt Ion:276 Resp: 19957
Ion Ratio Lower Upper
276 100
138 22.5 21.8 32.8
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 25.487 min Scan# 51
Delta R.T. -0.053 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18

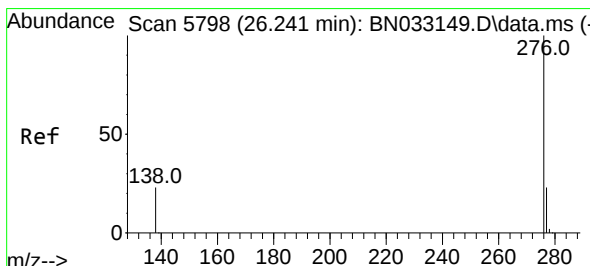
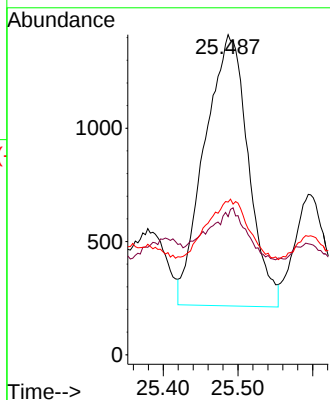
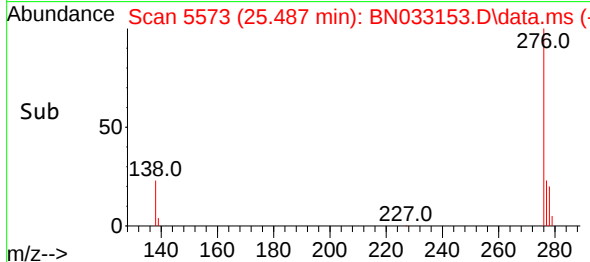
Instrument :
BNA_N
ClientSampleId :
A4D42



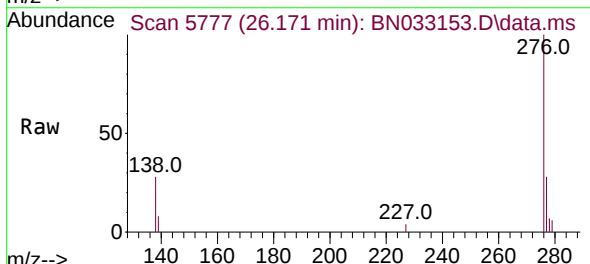
Tgt Ion:278 Resp: 4859
Ion Ratio Lower Upper
278 100
139 43.2 22.5 33.7
279 47.7 25.5 38.3

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Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.578 ng/ul
RT: 26.171 min Scan# 5777
Delta R.T. -0.047 min
Lab File: BN033153.D
Acq: 01 Aug 2024 05:18



Tgt Ion:276 Resp: 20170
Ion Ratio Lower Upper
276 100
138 28.2 24.6 37.0
277 27.6 22.6 34.0

