

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033101.D
 Acq On : 30 Jul 2024 12:02
 Operator : MA/JU
 Sample : P3336-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E38

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 12:54:09 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 : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	1554	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.251	136	5820	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.138	164	3617	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.903	188	8446m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.131	240	7977m	0.400	ng/ul	-0.03
23) Perylene-d12	23.317	264	7147m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7393	3.761	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.873	152	2421	0.255	ng/ul	-0.04
18) Fluoranthene-d10	18.949	212	6470	0.286	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.300	128	64716	4.330	ng/ul#	92
7) 2-Methylnaphthalene	11.950	142	4678	0.462	ng/ul	96
8) 1-Methylnaphthalene	12.165	142	2169	0.198	ng/ul	99
10) Acenaphthylene	13.856	152	5405	0.365	ng/ul	97
11) Acenaphthene	14.203	153	7129	0.640	ng/ul	99
12) Fluorene	15.203	166	12849	0.990	ng/ul	99
15) Phenanthrene	16.941	178	79465m	3.508	ng/ul	
16) Anthracene	17.038	178	8965m	0.440	ng/ul	
19) Fluoranthene	18.981	202	54821	2.087	ng/ul	98
20) Pyrene	19.344	202	53624	1.904	ng/ul	98
21) Benzo(a)anthracene	21.116	228	36521m	1.342	ng/ul	
22) Chrysene	21.169	228	55489	1.747	ng/ul	99
24) Benzo(b)fluoranthene	22.659	252	84829m	4.063	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	27090m	1.083	ng/ul	
26) Benzo(a)pyrene	23.214	252	24446m	1.244	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.510	276	26675	0.893	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.503	278	6446	0.272	ng/ul#	90
29) Benzo(g,h,i)perylene	26.188	276	24039	1.013	ng/ul	93

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

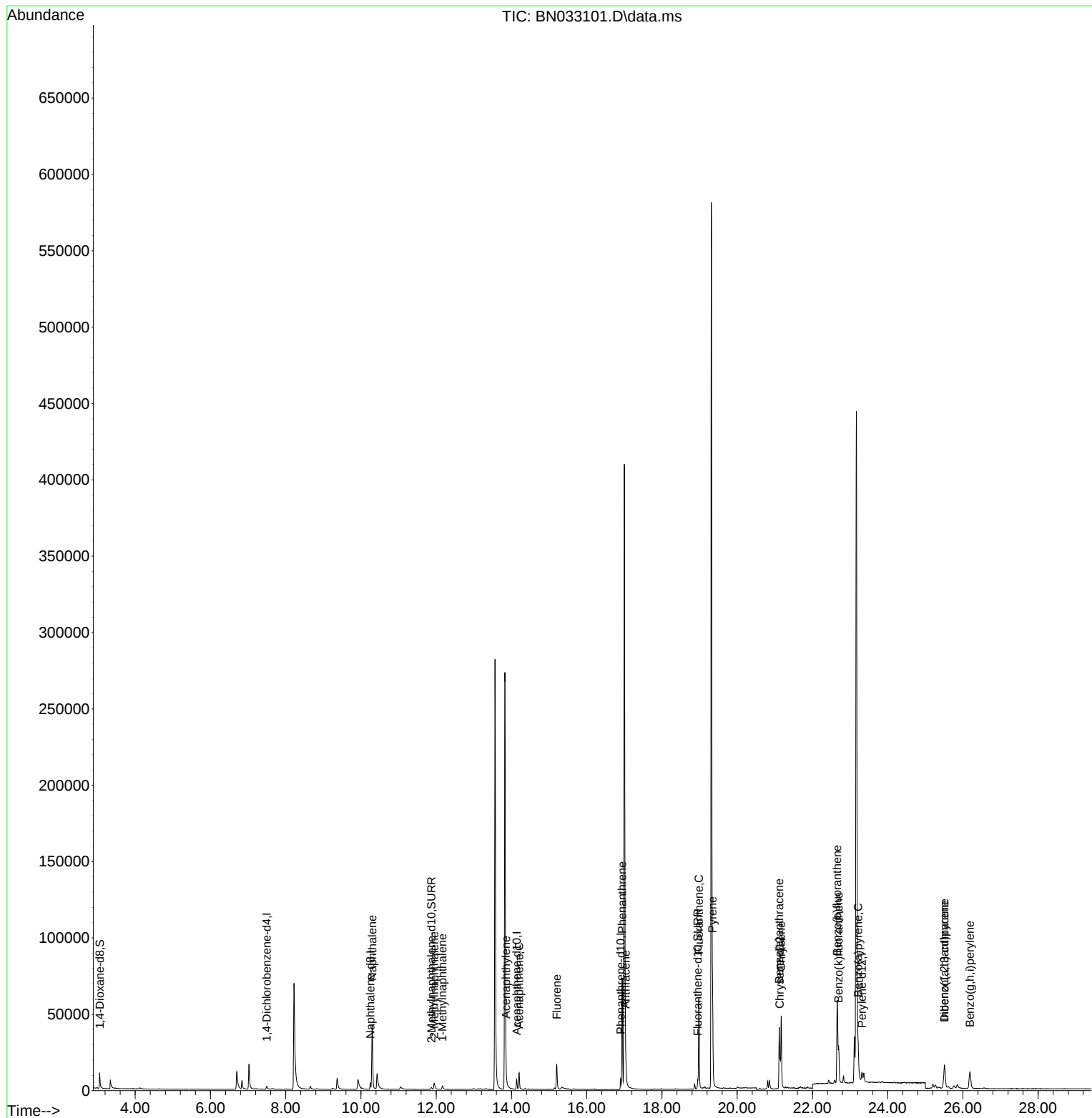
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033101.D
Acq On : 30 Jul 2024 12:02
Operator : MA/JU
Sample : P3336-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

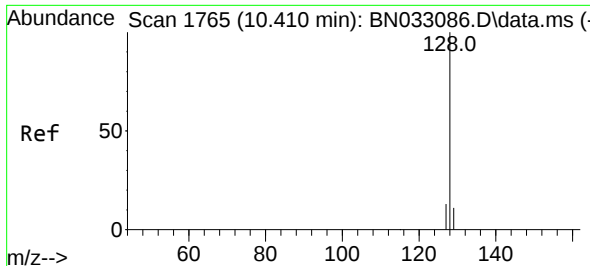
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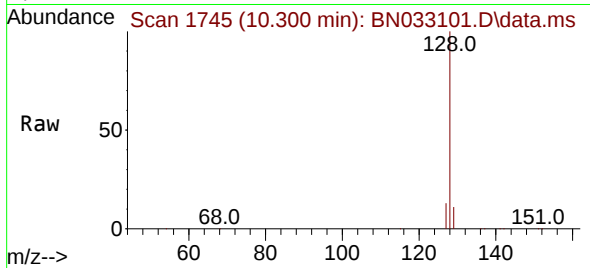
Quant Time: Jul 30 12:54:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.330 ng/ul
RT: 10.300 min Scan# 1765
Delta R.T. -0.049 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

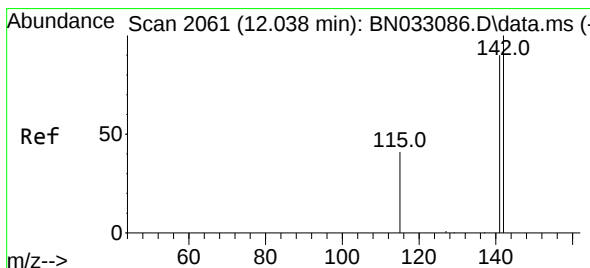
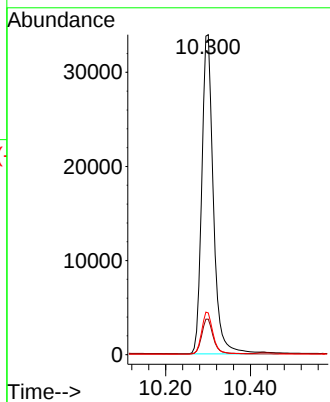
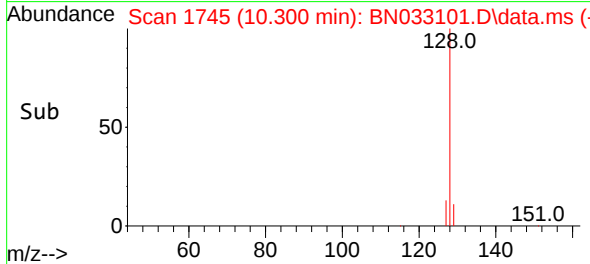
Instrument :
BNA_N
ClientSampleId :
F7E38



Tgt Ion:128 Resp: 64710
Ion Ratio Lower Upper
128 100
129 11.1 12.0 18.0
127 13.1 12.7 19.1

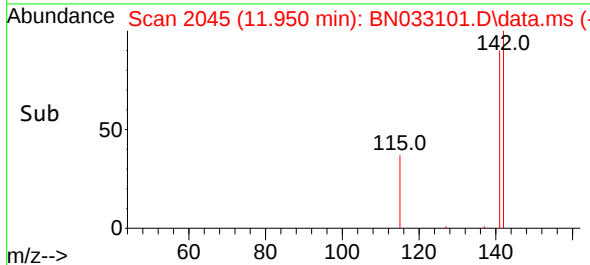
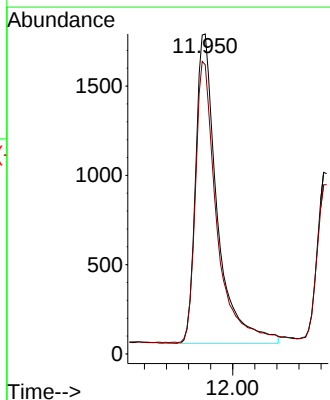
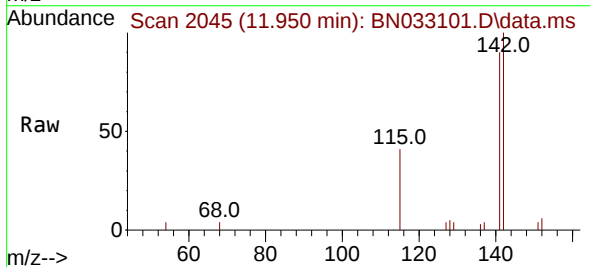
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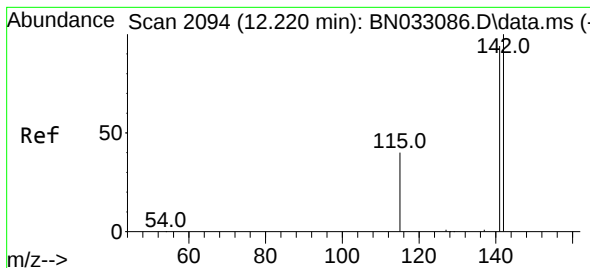
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 11.950 min Scan# 2045
Delta R.T. -0.033 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

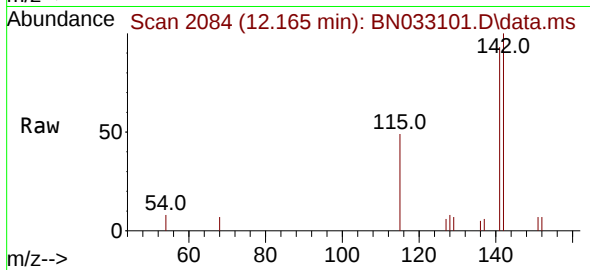
Tgt Ion:142 Resp: 4678
Ion Ratio Lower Upper
142 100
141 90.4 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.165 min Scan# 2094
Delta R.T. -0.033 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

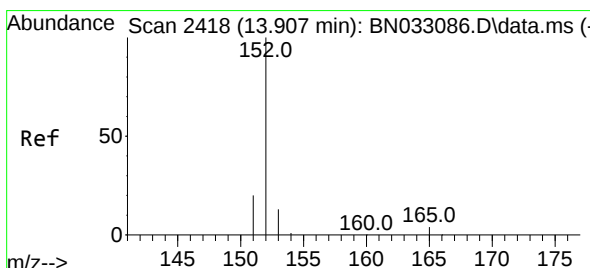
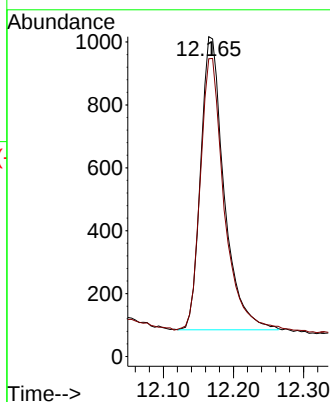
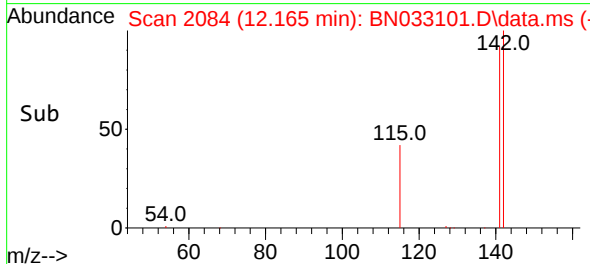
Instrument :
BNA_N
ClientSampleId :
F7E38



Tgt Ion:142 Resp: 2169
Ion Ratio Lower Upper
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141 94.2 74.3 111.5

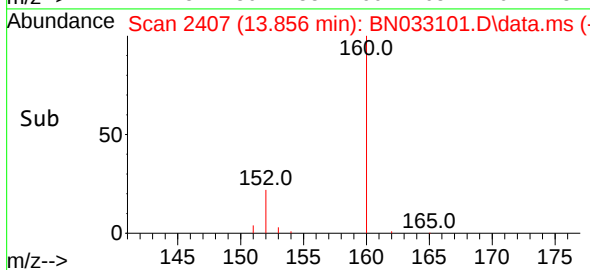
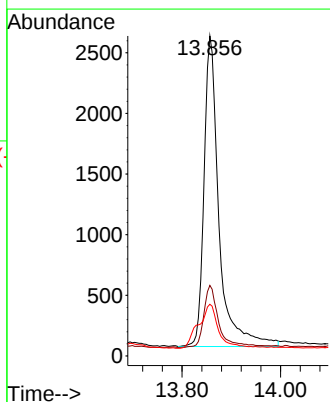
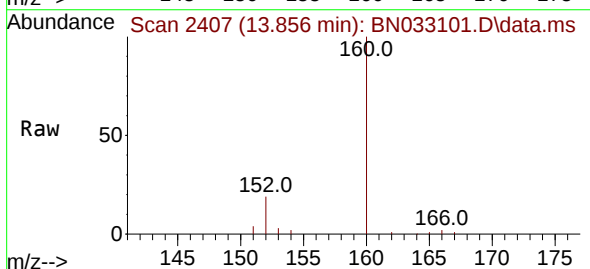
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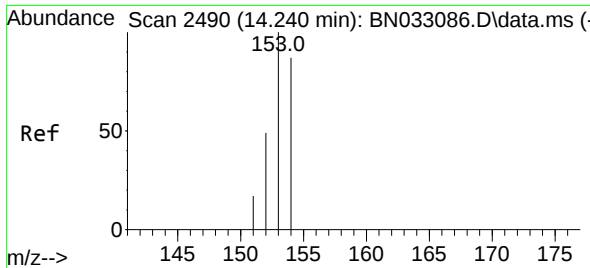
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.042 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

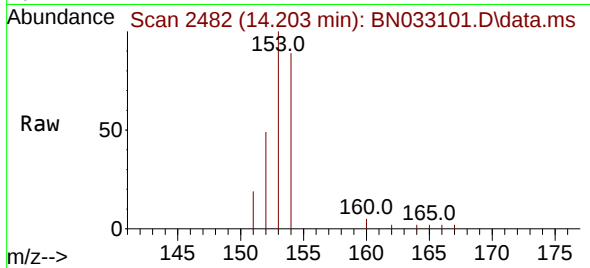
Tgt Ion:152 Resp: 5405
Ion Ratio Lower Upper
152 100
151 22.1 16.8 25.2
153 16.1 11.9 17.9





#11
Acenaphthene
Concen: 0.640 ng/ul
RT: 14.203 min Scan# 2490
Delta R.T. -0.032 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

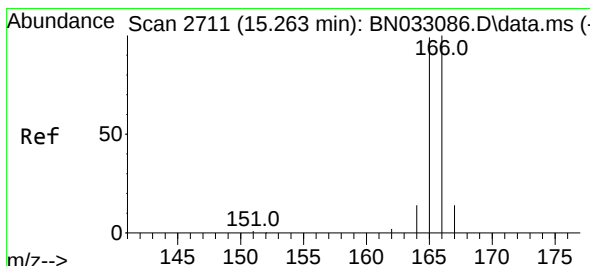
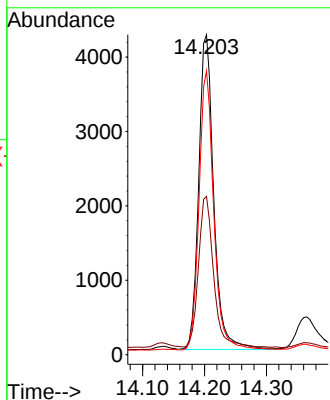
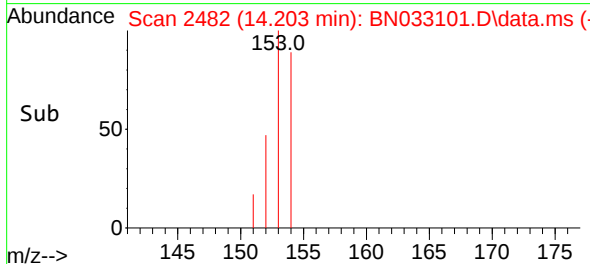
Instrument :
BNA_N
ClientSampleId :
F7E38



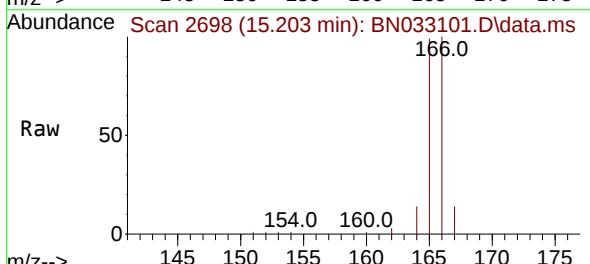
Tgt Ion:153 Resp: 7129
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 88.7 70.1 105.1

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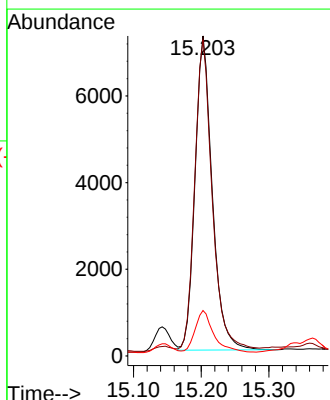
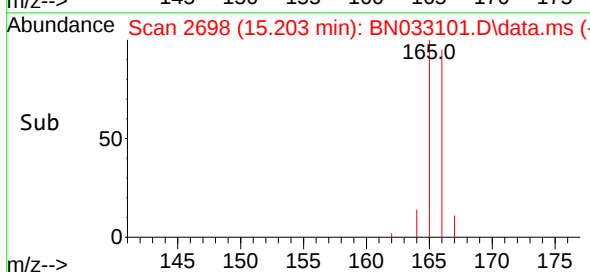
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

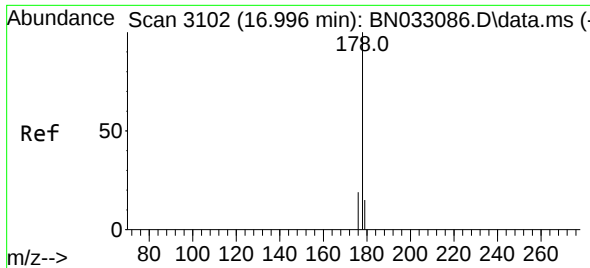


#12
Fluorene
Concen: 0.990 ng/ul
RT: 15.203 min Scan# 2698
Delta R.T. -0.042 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02



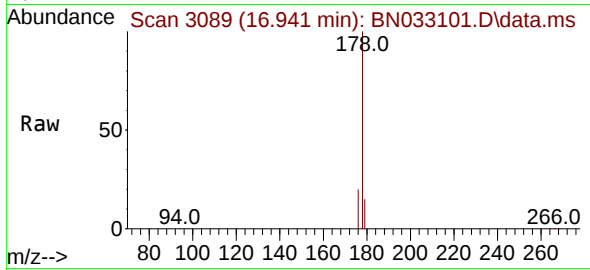
Tgt Ion:166 Resp: 12849
Ion Ratio Lower Upper
166 100
165 98.8 79.6 119.4
167 14.2 12.2 18.4





#15
Phenanthrene
Concen: 3.508 ng/ul m
RT: 16.941 min Scan# 3089
Delta R.T. -0.046 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

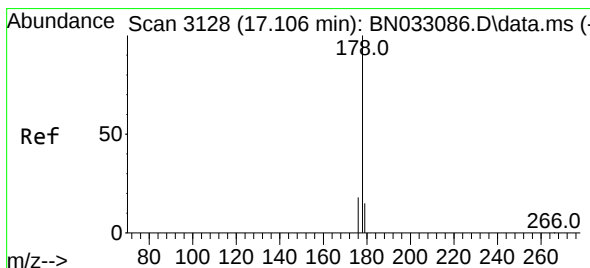
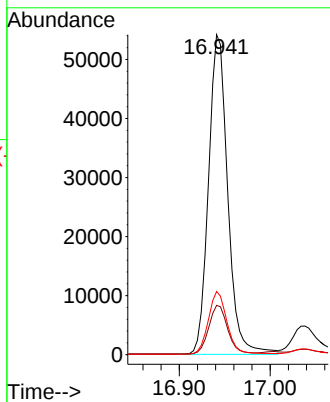
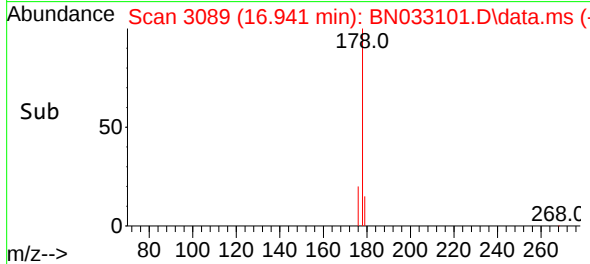
Instrument :
BNA_N
ClientSampleId :
F7E38



Tgt Ion:178 Resp: 7946
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.7 15.9 23.9

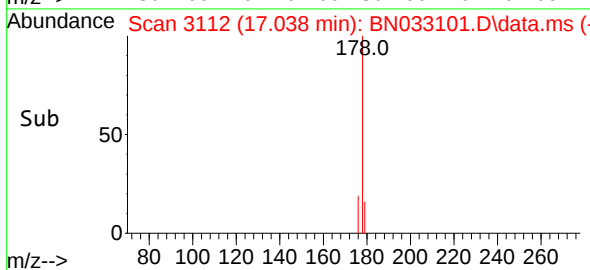
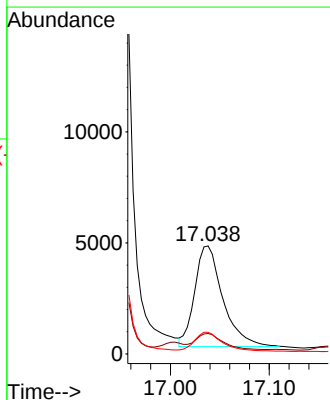
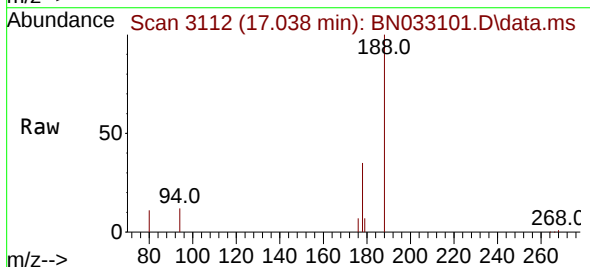
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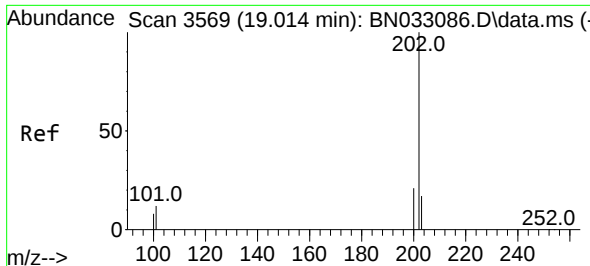
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 0.440 ng/ul m
RT: 17.038 min Scan# 3112
Delta R.T. -0.046 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

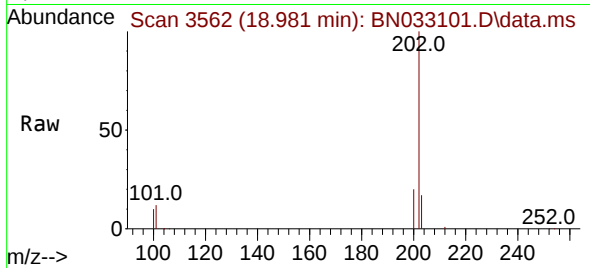
Tgt Ion:178 Resp: 8965
Ion Ratio Lower Upper
178 100
179 18.9 14.3 21.5
176 20.0 15.8 23.8





#19
Fluoranthene
Concen: 2.087 ng/u1
RT: 18.981 min Scan# 3562
Delta R.T. -0.032 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

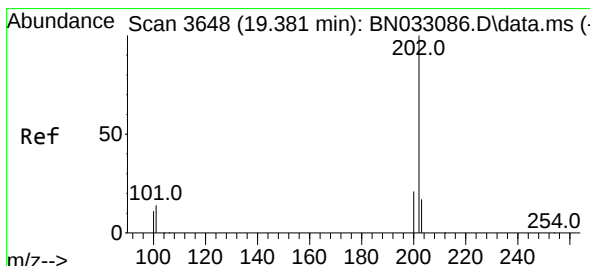
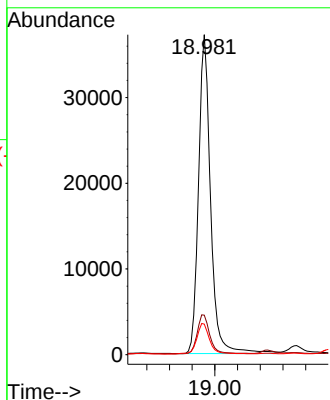
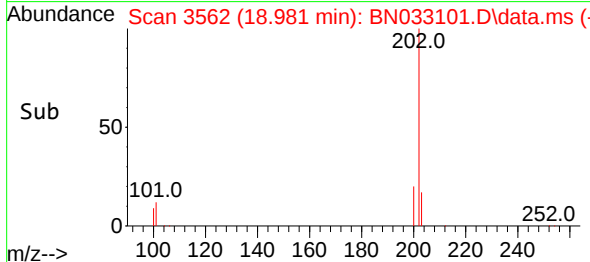
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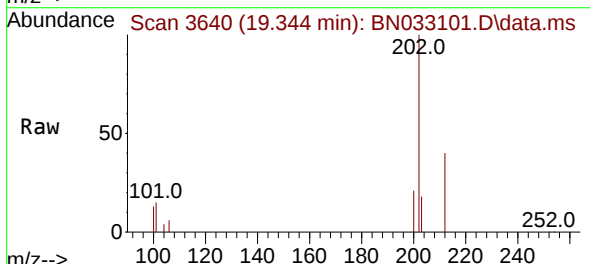
Tgt Ion:202 Resp: 5482
Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.6 8.3 12.5

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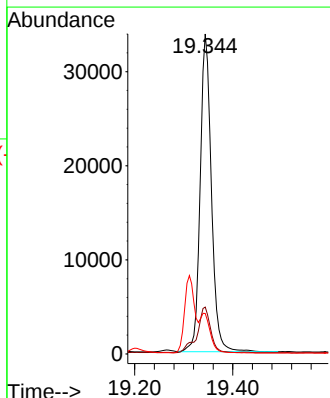
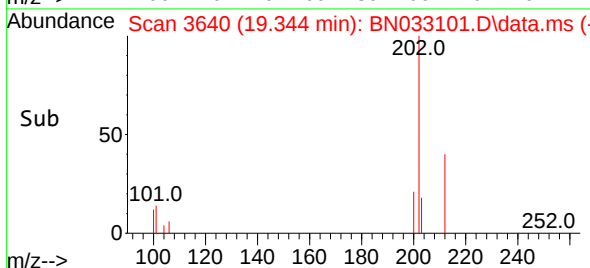
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

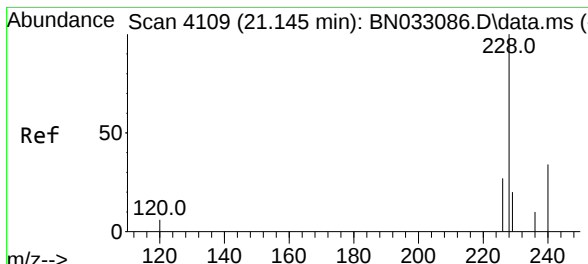


#20
Pyrene
Concen: 1.904 ng/u1
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02



Tgt Ion:202 Resp: 53624
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.6 9.9 14.9





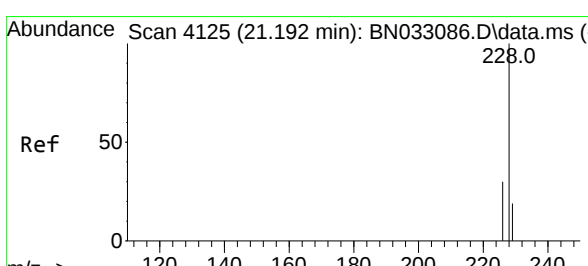
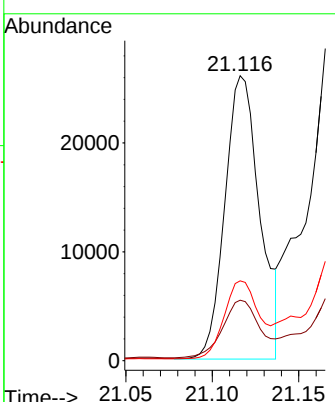
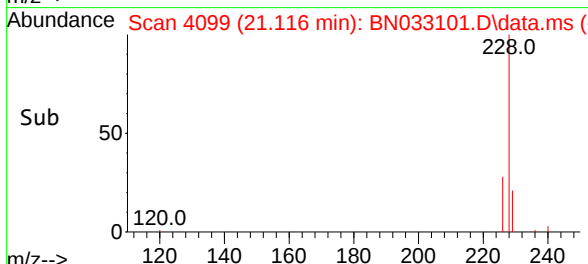
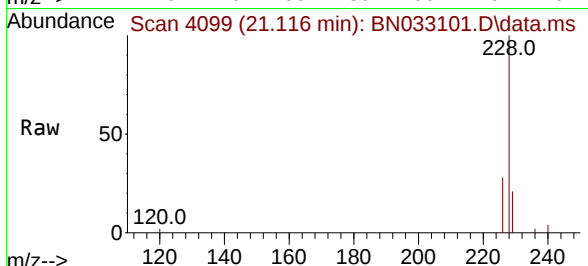
#21
 Benzo(a)anthracene
 Concen: 1.342 ng/ul m
 RT: 21.116 min Scan# 4117
 Delta R.T. -0.029 min
 Lab File: BN033101.D
 Acq: 30 Jul 2024 12:02

Instrument : BNA_N
 ClientSampleId : F7E38

Tgt Ion:228 Resp: 3652

Ion	Ratio	Lower	Upper
228	100		
229	21.2	17.1	25.7
226	28.0	22.4	33.6

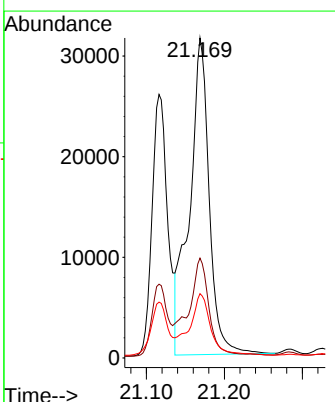
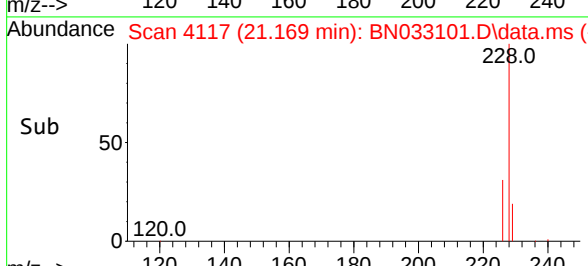
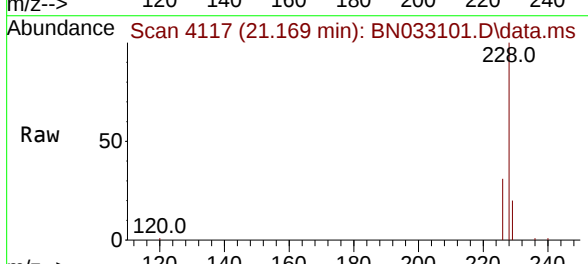
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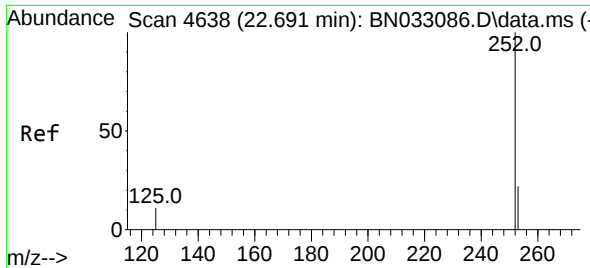


#22
 Chrysene
 Concen: 1.747 ng/ul
 RT: 21.169 min Scan# 4117
 Delta R.T. -0.026 min
 Lab File: BN033101.D
 Acq: 30 Jul 2024 12:02

Tgt Ion:228 Resp: 55489

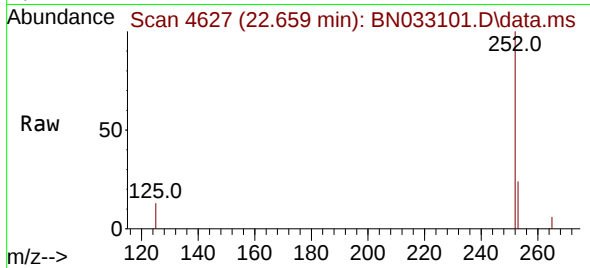
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	20.1	17.0	25.6





#24
Benzo(b)fluoranthene
Concen: 4.063 ng/ul m
RT: 22.659 min Scan# 4627
Delta R.T. -0.035 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

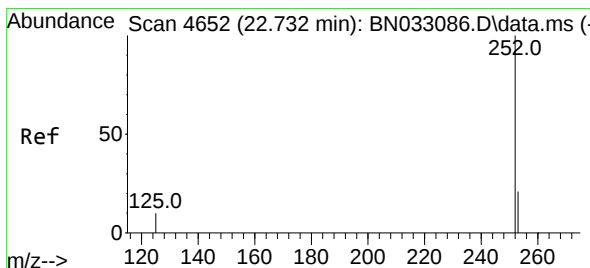
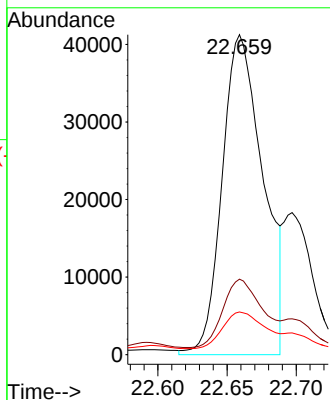
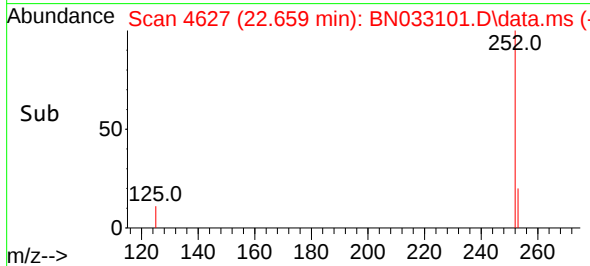
Instrument :
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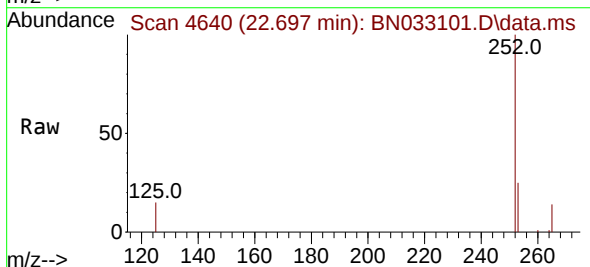
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Ion Ratio Lower Upper
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253 23.6 0.0 60.6
125 13.3 0.0 51.0

Manual Integrations
APPROVED

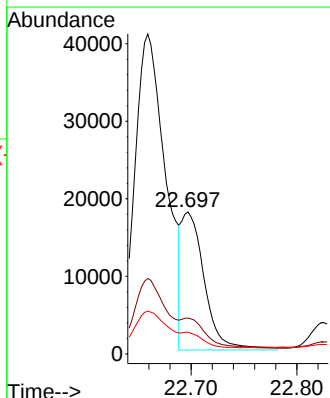
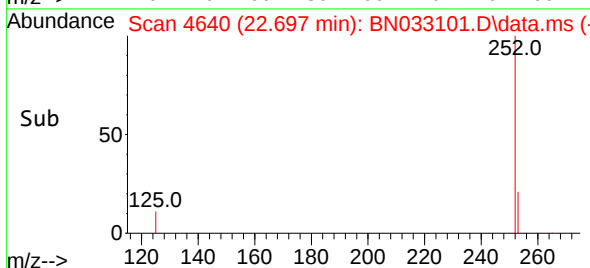
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

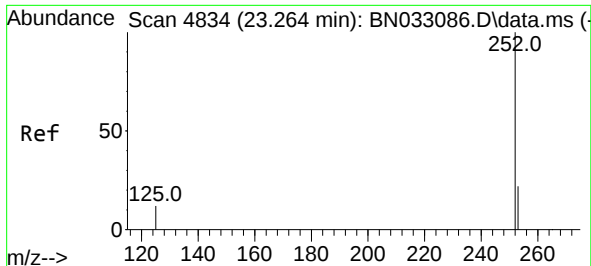


#25
Benzo(k)fluoranthene
Concen: 1.083 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.038 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02



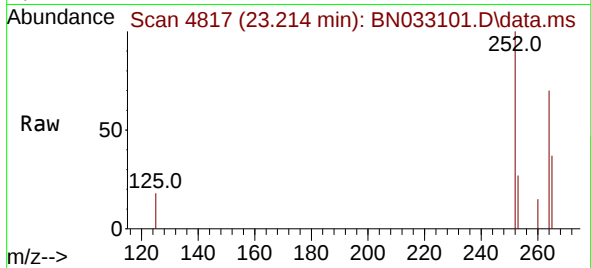
Tgt Ion:252 Resp: 27090
Ion Ratio Lower Upper
252 100
253 25.2 24.9 37.3
125 15.4 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 1.244 ng/ul m
RT: 23.214 min Scan# 4834
Delta R.T. -0.047 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

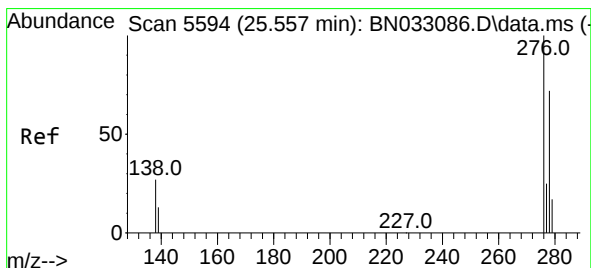
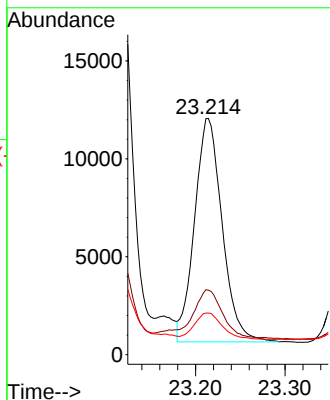
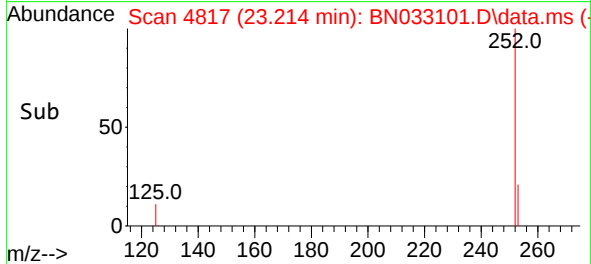
Instrument :
BNA_N
ClientSampleId :
F7E38



Tgt Ion:252 Resp: 24440
Ion Ratio Lower Upper
252 100
253 27.3 27.5 41.3
125 17.6 27.0 40.6

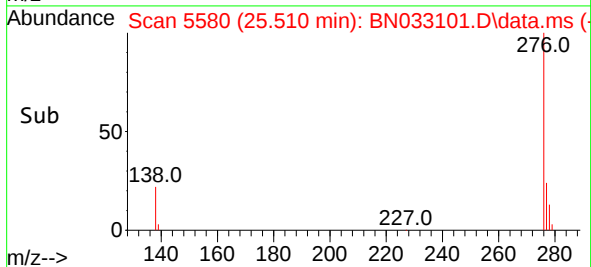
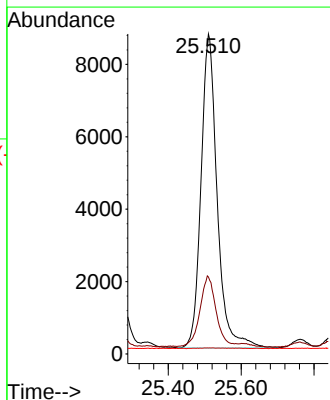
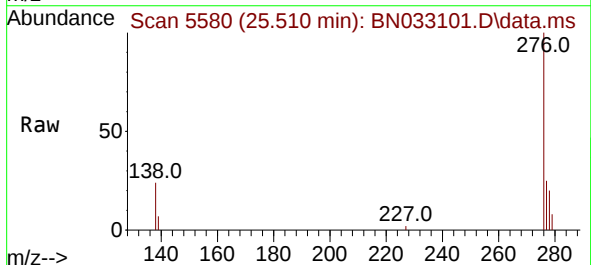
Manual Integrations
APPROVED

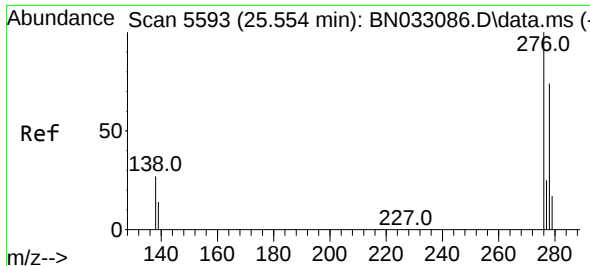
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.893 ng/ul
RT: 25.510 min Scan# 5580
Delta R.T. -0.050 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

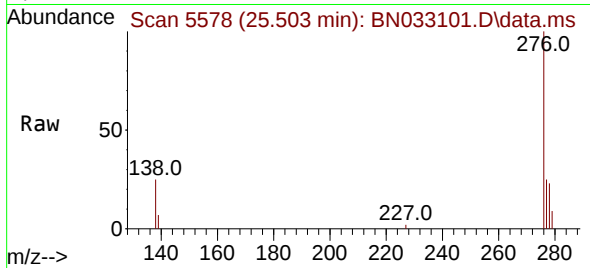
Tgt Ion:276 Resp: 26675
Ion Ratio Lower Upper
276 100
138 23.9 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.272 ng/ul
RT: 25.503 min Scan# 51
Delta R.T. -0.057 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02

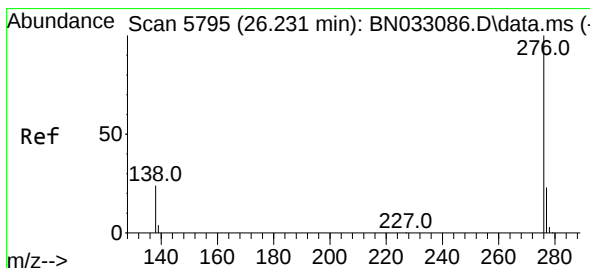
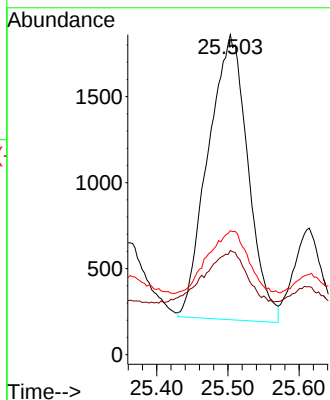
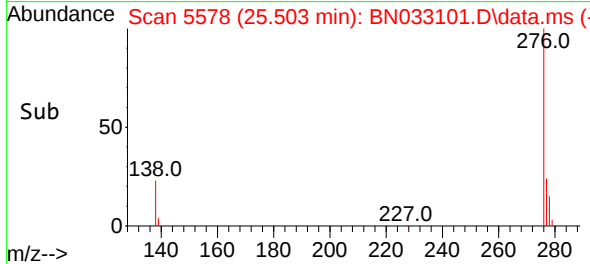
Instrument :
BNA_N
ClientSampleId :
F7E38



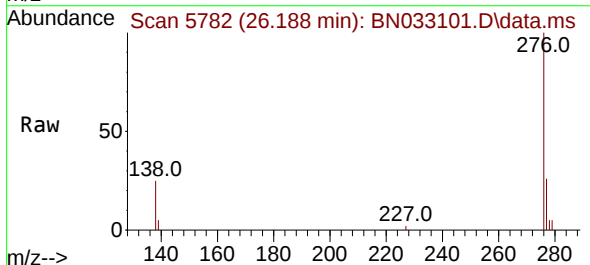
Tgt Ion:278 Resp: 6440
Ion Ratio Lower Upper
278 100
139 32.5 22.5 33.7
279 38.8 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 1.013 ng/ul
RT: 26.188 min Scan# 5782
Delta R.T. -0.054 min
Lab File: BN033101.D
Acq: 30 Jul 2024 12:02



Tgt Ion:276 Resp: 24039
Ion Ratio Lower Upper
276 100
138 25.5 24.6 37.0
277 25.7 22.6 34.0

