

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033112.D
 Acq On : 30 Jul 2024 18:40
 Operator : MA/JU
 Sample : P3347-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 23:57:45 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	7.499	152	1780	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.251	136	6566	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.134	164	4182	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.903	188	9653m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.131	240	9670m	0.400	ng/ul	-0.02
23) Perylene-d12	23.311	264	9491m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7860	3.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	2792	0.261	ng/ul	-0.05
18) Fluoranthene-d10	18.944	212	8629	0.315	ng/ul	-0.03
Target Compounds						
5) Naphthalene	10.300	128	6555	0.389	ng/ul	97
7) 2-Methylnaphthalene	11.956	142	1176	0.103	ng/ul	95
8) 1-Methylnaphthalene	12.170	142	838	0.068	ng/ul	97
10) Acenaphthylene	13.856	152	2278	0.133	ng/ul#	82
11) Acenaphthene	14.194	153	204767	15.906	ng/ul	98
12) Fluorene	15.198	166	4562	0.304	ng/ul#	98
15) Phenanthrene	16.941	178	2352m	0.091	ng/ul	
16) Anthracene	17.034	178	24722m	1.062	ng/ul	
19) Fluoranthene	18.977	202	309114	9.709	ng/ul	96
20) Pyrene	19.344	202	193009	5.653	ng/ul	95
21) Benzo(a)anthracene	21.116	228	9182	0.278	ng/ul	95
22) Chrysene	21.169	228	5256m	0.137	ng/ul	
24) Benzo(b)fluoranthene	22.659	252	4412m	0.159	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	1209m	0.036	ng/ul	

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

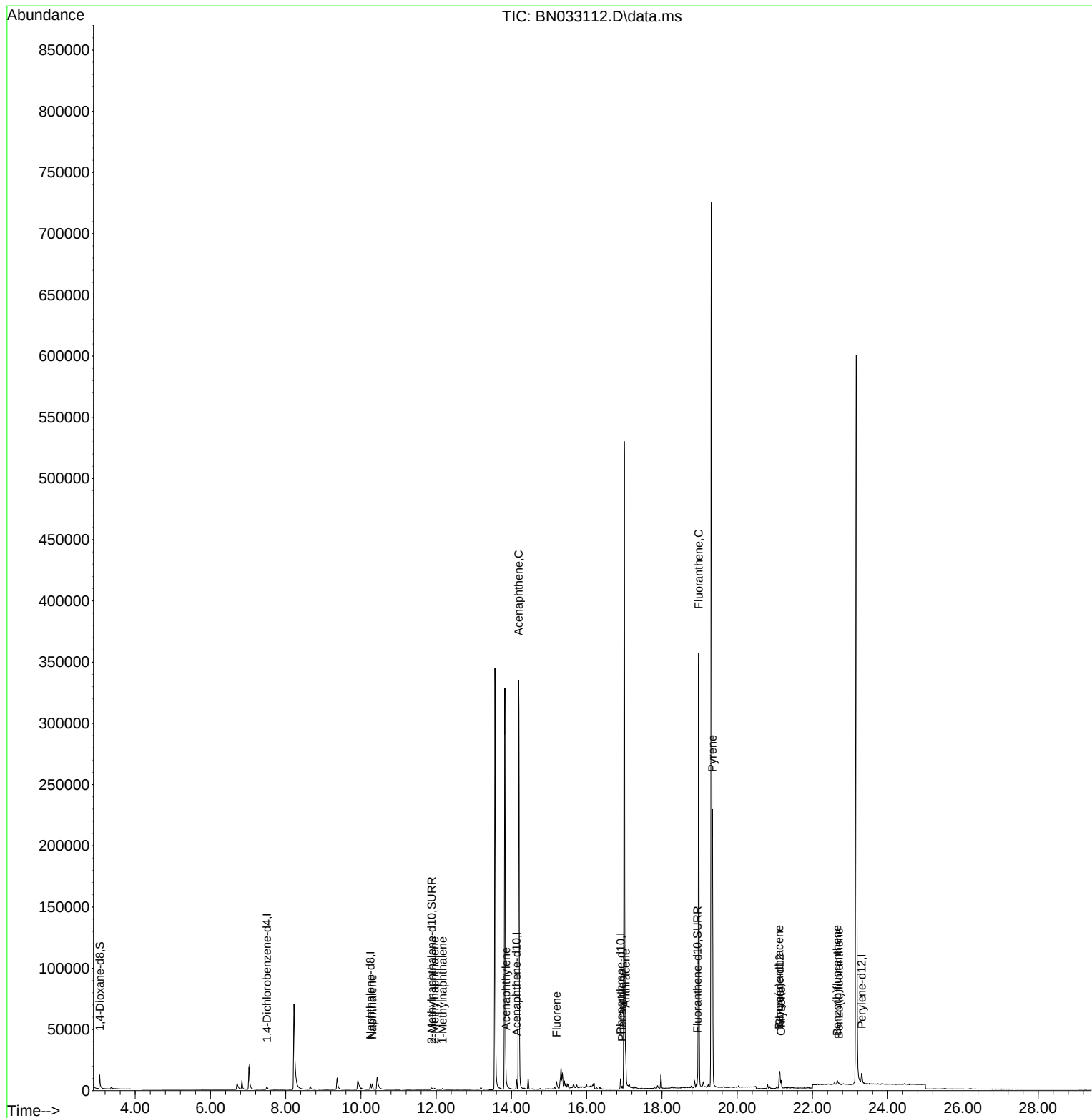
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Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

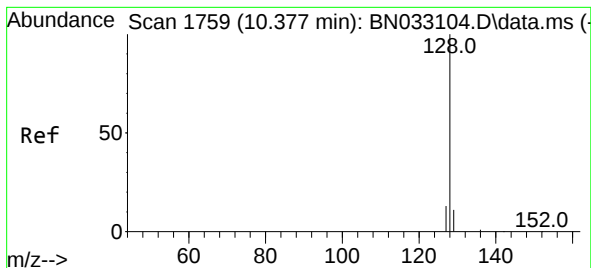
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#5

Naphthalene

Concen: 0.389 ng/ul

RT: 10.300 min Scan# 11

Delta R.T. -0.077 min

Lab File: BN033112.D

Acq: 30 Jul 2024 18:40

Instrument :

BNA_N

ClientSampleId :

C0AZ6

Tgt Ion:128 Resp: 655

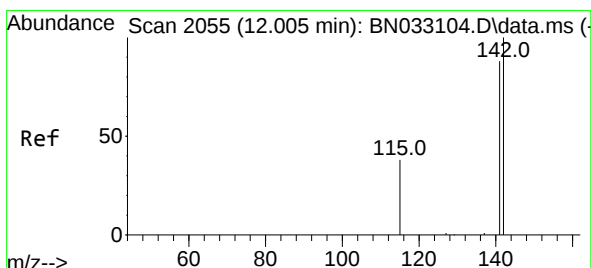
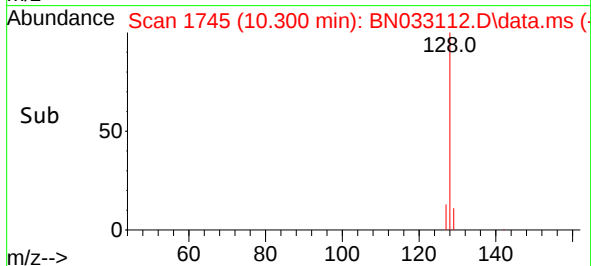
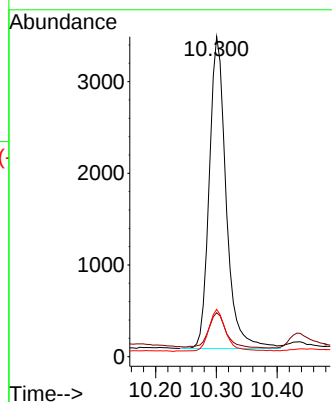
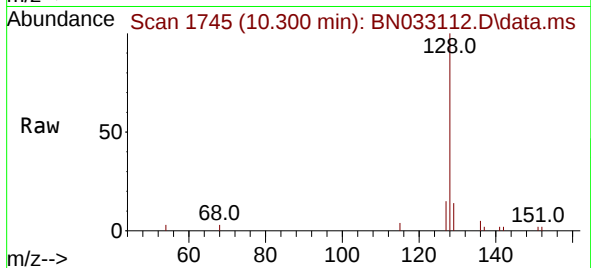
Ion	Ratio	Lower	Upper
128	100		
129	13.8	12.0	18.0
127	14.8	12.7	19.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.103 ng/ul

RT: 11.956 min Scan# 2046

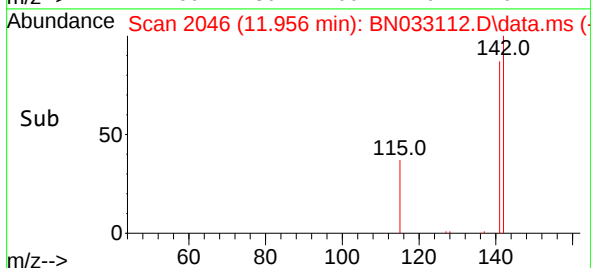
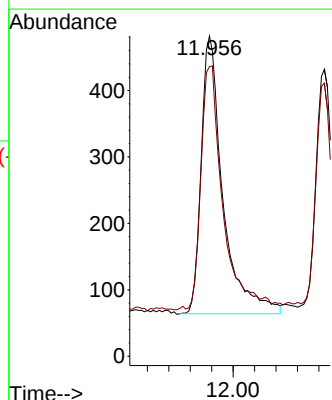
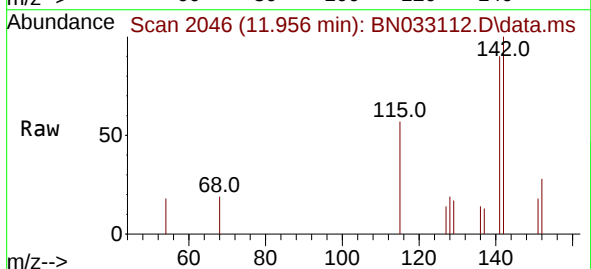
Delta R.T. -0.049 min

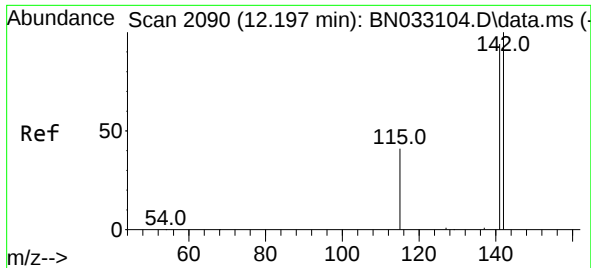
Lab File: BN033112.D

Acq: 30 Jul 2024 18:40

Tgt Ion:142 Resp: 1176

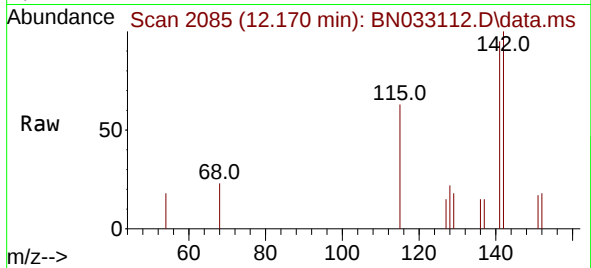
Ion	Ratio	Lower	Upper
142	100		
141	88.7	75.2	112.8





#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.170 min Scan# 2090
Delta R.T. -0.027 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

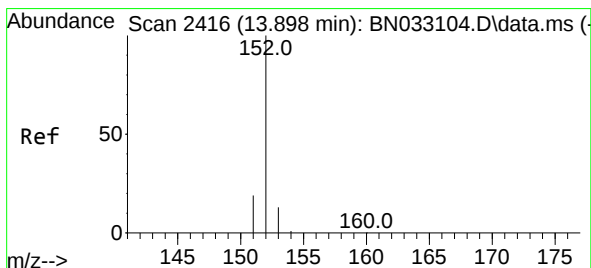
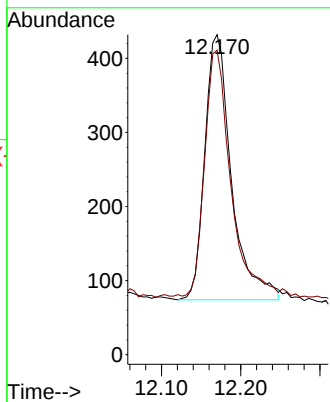
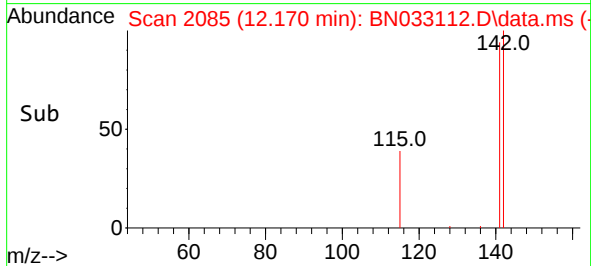
Instrument :
BNA_N
ClientSampleId :
C0AZ6



Tgt Ion:142 Resp: 838
Ion Ratio Lower Upper
142 100
141 89.9 74.3 111.5

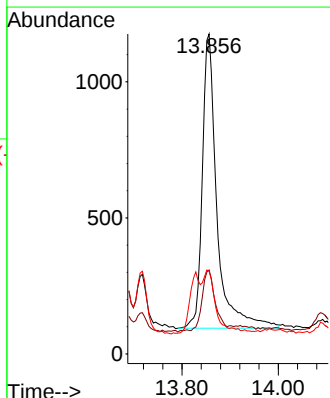
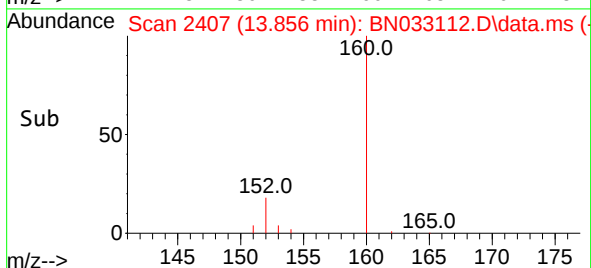
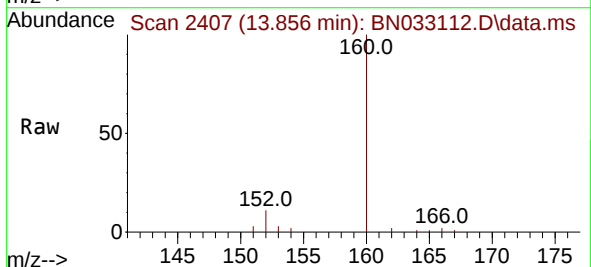
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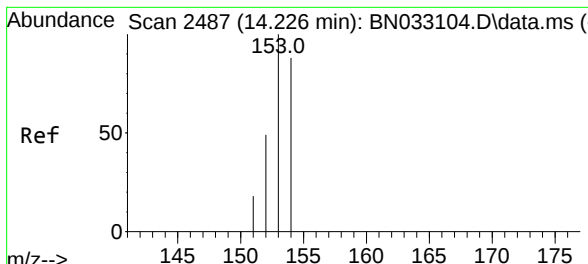
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 0.133 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

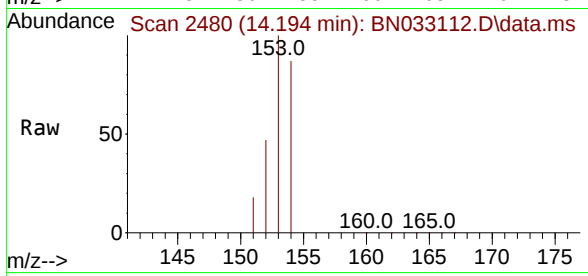
Tgt Ion:152 Resp: 2278
Ion Ratio Lower Upper
152 100
151 26.3 16.8 25.2#
153 25.9 11.9 17.9#





#11
Acenaphthene
Concen: 15.906 ng/u1
RT: 14.194 min Scan# 2487
Delta R.T. -0.032 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Instrument :
BNA_N
ClientSampleId :
C0AZ6

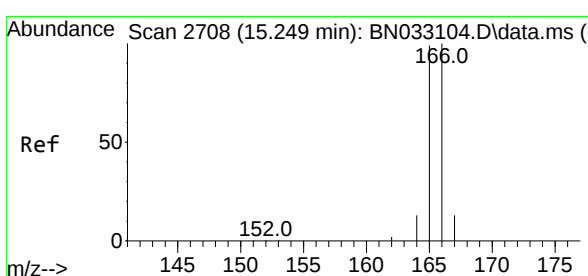
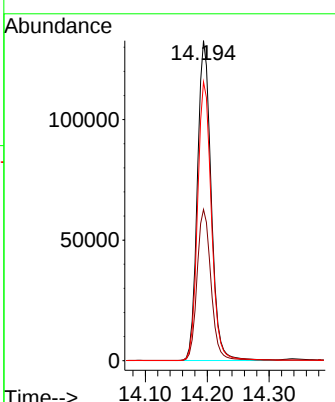


Tgt Ion:153 Resp: 20476

Ion	Ratio	Lower	Upper
153	100		
152	47.3	40.0	60.0
154	87.1	70.1	105.1

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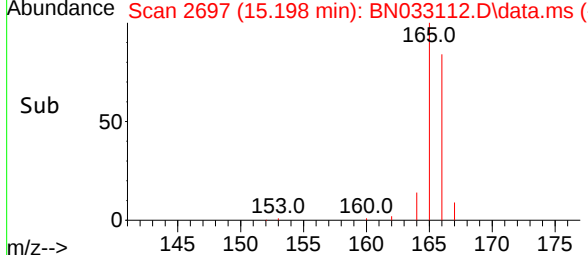
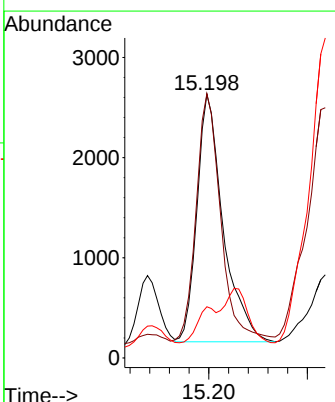
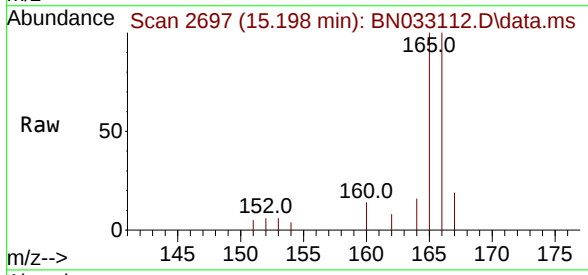
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

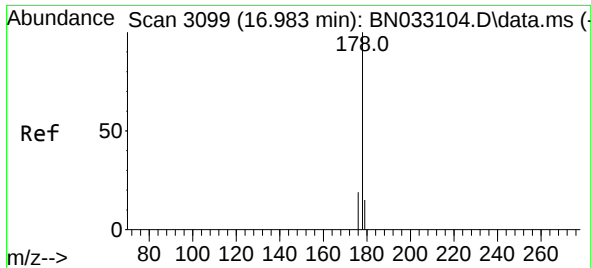


#12
Fluorene
Concen: 0.304 ng/u1
RT: 15.198 min Scan# 2697
Delta R.T. -0.051 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Tgt Ion:166 Resp: 4562

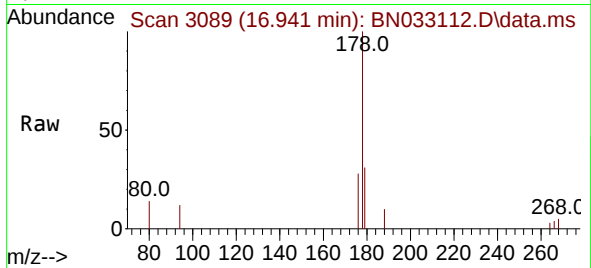
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.6	119.4
167	19.4	12.2	18.4





#15
Phenanthrene
Concen: 0.091 ng/ul m
RT: 16.941 min Scan# 3089
Delta R.T. -0.042 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

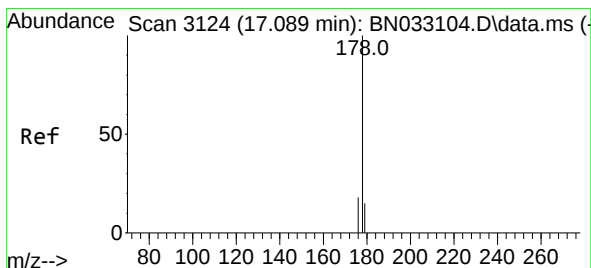
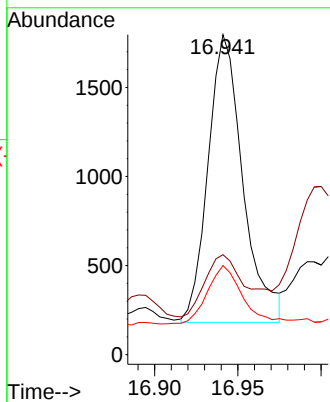
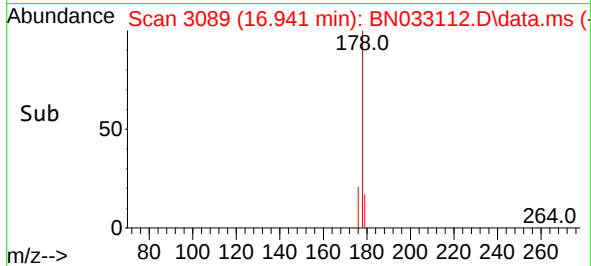
Instrument :
BNA_N
ClientSampleId :
C0AZ6



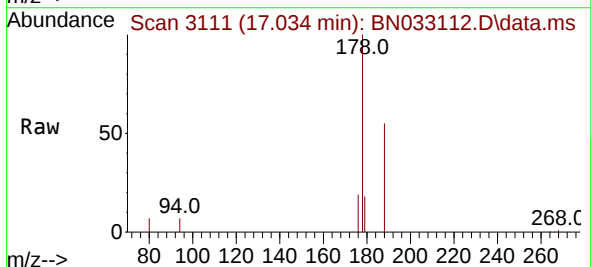
Tgt Ion:178 Resp: 2352
Ion Ratio Lower Upper
178 100
179 31.2 13.7 20.5
176 27.8 15.9 23.9

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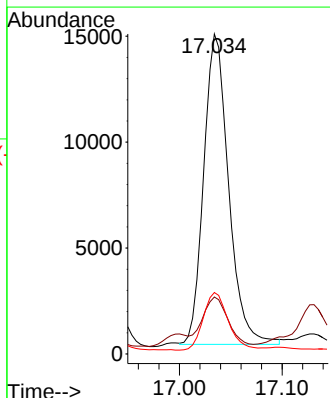
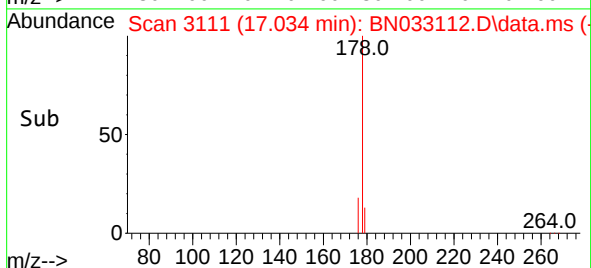
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Supervised By :mohammad ahmed 07/31/2024

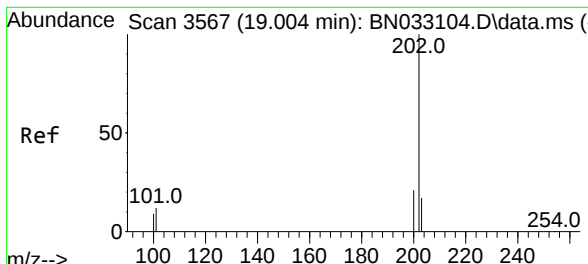


#16
Anthracene
Concen: 1.062 ng/ul m
RT: 17.034 min Scan# 3111
Delta R.T. -0.055 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40



Tgt Ion:178 Resp: 24722
Ion Ratio Lower Upper
178 100
179 17.8 14.3 21.5
176 19.2 15.8 23.8





#19
 Fluoranthene
 Concen: 9.709 ng/u1
 RT: 18.977 min Scan# 309114
 Delta R.T. -0.028 min
 Lab File: BN033112.D
 Acq: 30 Jul 2024 18:40

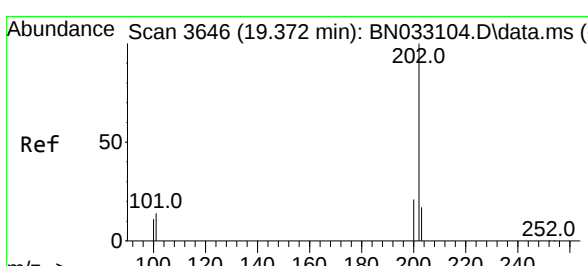
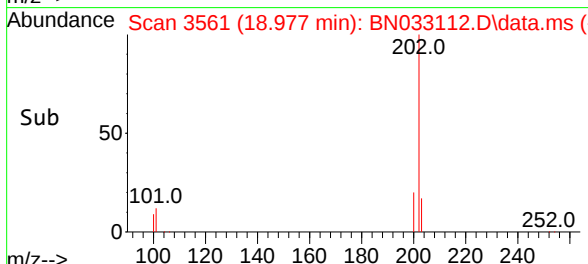
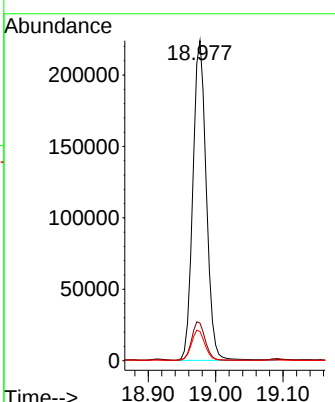
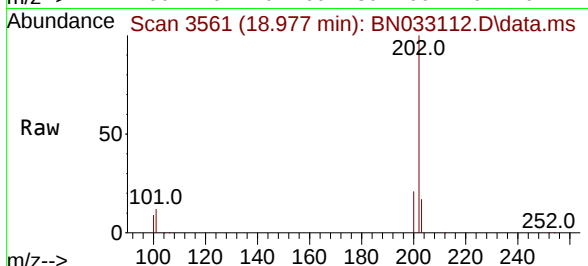
Instrument :
 BNA_N
 ClientSampleId :
 C0AZ6

Tgt Ion:202 Resp: 309114

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.7	16.1
100	9.1	8.3	12.5

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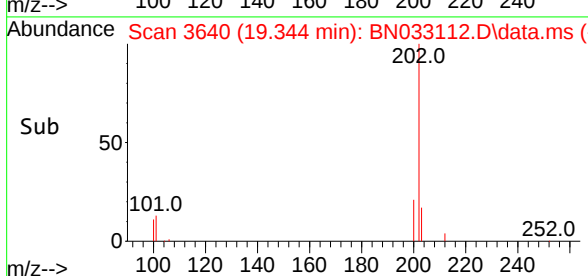
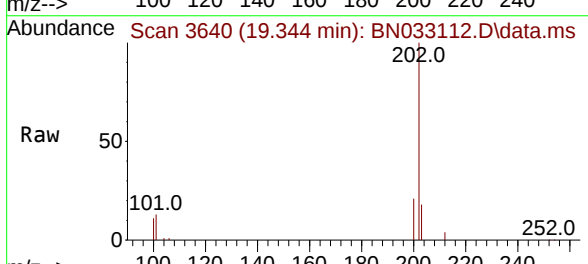
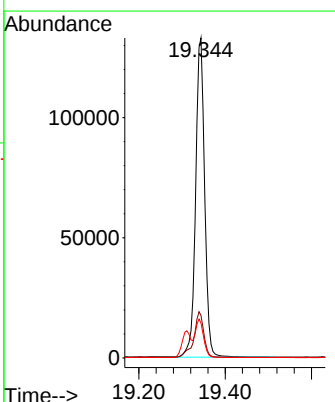
Reviewed By :Yogesh Patel 07/31/2024
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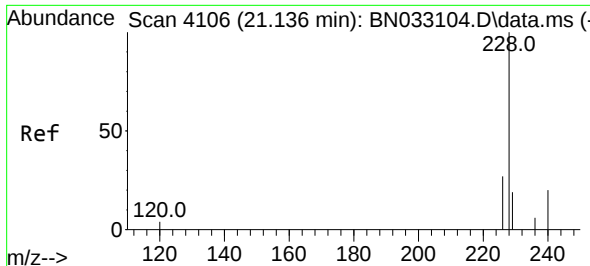


#20
 Pyrene
 Concen: 5.653 ng/u1
 RT: 19.344 min Scan# 3640
 Delta R.T. -0.028 min
 Lab File: BN033112.D
 Acq: 30 Jul 2024 18:40

Tgt Ion:202 Resp: 193009

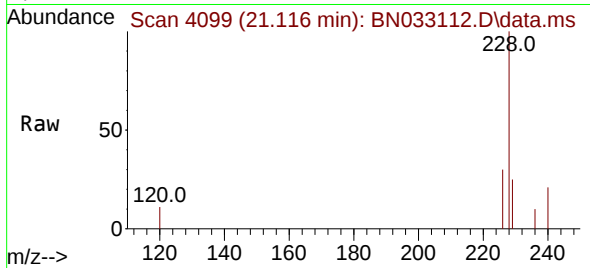
Ion	Ratio	Lower	Upper
202	100		
101	13.3	12.6	18.8
100	10.9	9.9	14.9





#21
Benzo(a)anthracene
Concen: 0.278 ng/ul
RT: 21.116 min Scan# 4099
Delta R.T. -0.020 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

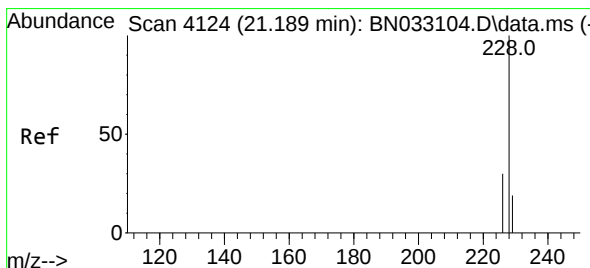
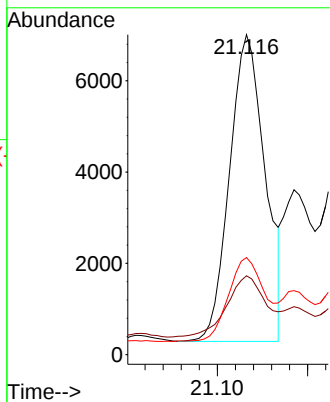
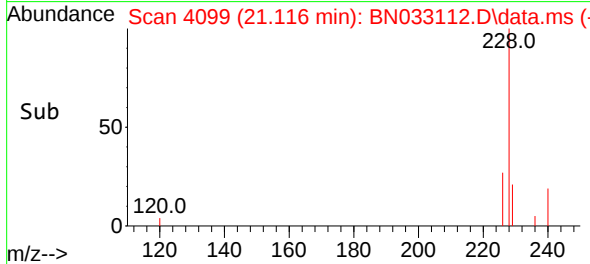
Instrument :
BNA_N
ClientSampleId :
C0AZ6



Tgt Ion:228 Resp: 918
Ion Ratio Lower Upper
228 100
229 24.6 17.1 25.7
226 30.3 22.4 33.6

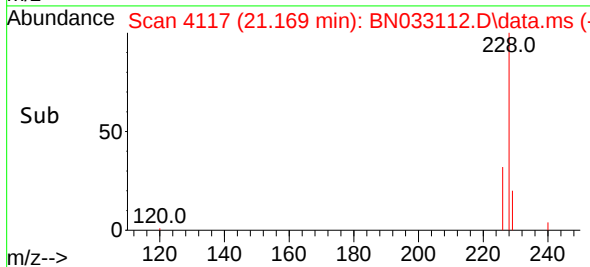
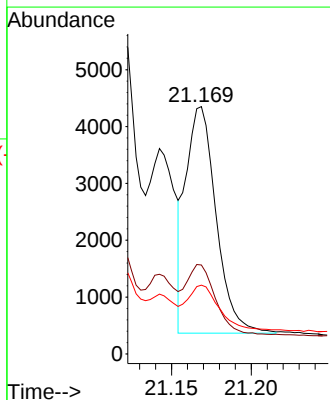
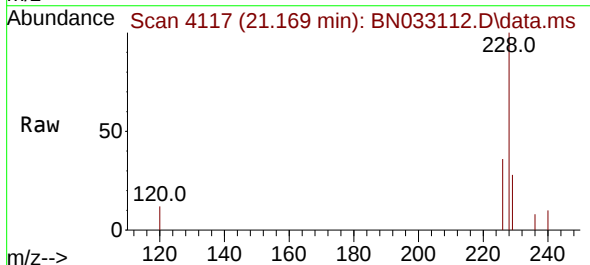
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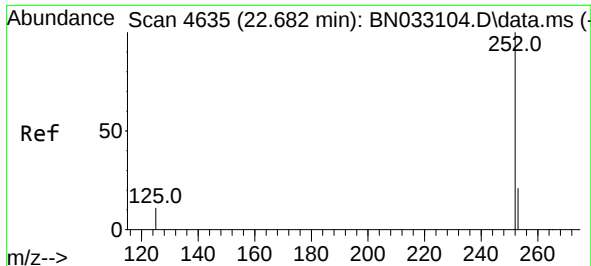
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.137 ng/ul m
RT: 21.169 min Scan# 4117
Delta R.T. -0.020 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Tgt Ion:228 Resp: 5256
Ion Ratio Lower Upper
228 100
226 36.0 24.7 37.1
229 27.8 17.0 25.6#





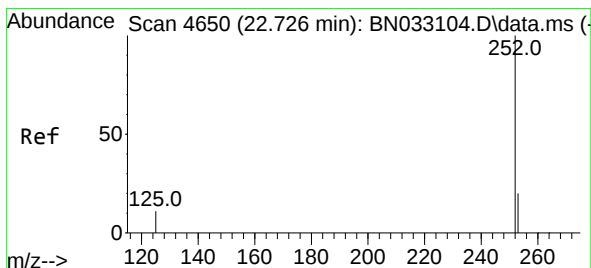
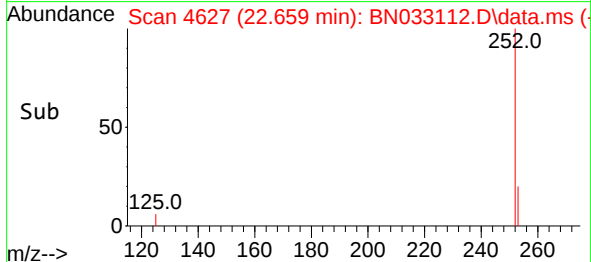
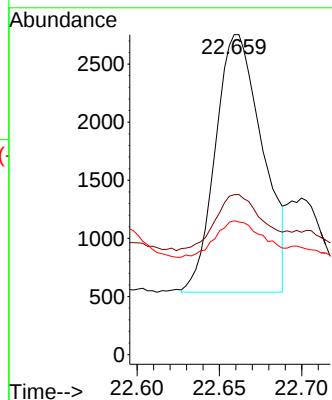
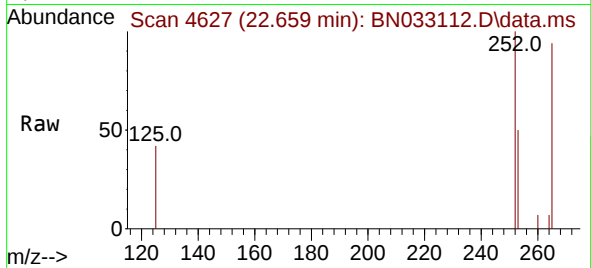
#24
Benzo(b)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.659 min Scan# 4627
Delta R.T. -0.023 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Tgt Ion:252 Resp: 441
Ion Ratio Lower Upper
252 100
253 50.0 0.0 60.6
125 41.8 0.0 51.0

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Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.036 ng/ul m
RT: 22.700 min Scan# 4641
Delta R.T. -0.026 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Tgt Ion:252 Resp: 1209
Ion Ratio Lower Upper
252 100
253 78.2 24.9 37.3#
125 68.4 20.9 31.3#

