

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032702.D
 Acq On : 13 Jul 2024 10:17
 Operator : MA/JU
 Sample : P3124-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:55:54 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 12 01:40:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	7158	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.316	136	21603	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.193	164	12840	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.953	188	27144m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.165	240	20823m	0.400	ng/ul	-0.03
23) Perylene-d12	23.360	264	27180m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	33245	3.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	9226	0.283	ng/ul	-0.05
18) Fluoranthene-d10	18.994	212	24884m	0.367	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.365	128	25453	0.439	ng/ul	98
7) 2-Methylnaphthalene	11.993	142	9083	0.251	ng/ul	95
8) 1-Methylnaphthalene	12.213	142	7411	0.198	ng/ul	98
10) Acenaphthylene	13.915	152	65016	1.253	ng/ul	99
11) Acenaphthene	14.258	153	36675	0.855	ng/ul	99
12) Fluorene	15.252	166	46009	0.938	ng/ul	98
14) Pentachlorophenol	16.628	266	348m	0.073	ng/ul	
15) Phenanthrene	16.995	178	1098955m	14.866	ng/ul	
16) Anthracene	17.088	178	214973m	3.559	ng/ul	
19) Fluoranthene	19.027	202	2456883m	29.020	ng/ul	
20) Pyrene	19.394	202	1779323m	20.304	ng/ul	
21) Benzo(a)anthracene	21.150	228	1125743m	16.984	ng/ul	
22) Chrysene	21.200	228	1302468m	13.584	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1752490m	18.274	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	683872m	5.852	ng/ul	
26) Benzo(a)pyrene	23.266	252	830979m	10.013	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.566	276	719267m	6.401	ng/ul	
28) Dibenzo(a,h)anthracene	25.566	278	231720m	2.660	ng/ul	
29) Benzo(g,h,i)perylene	26.243	276	479524m	5.106	ng/ul	

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

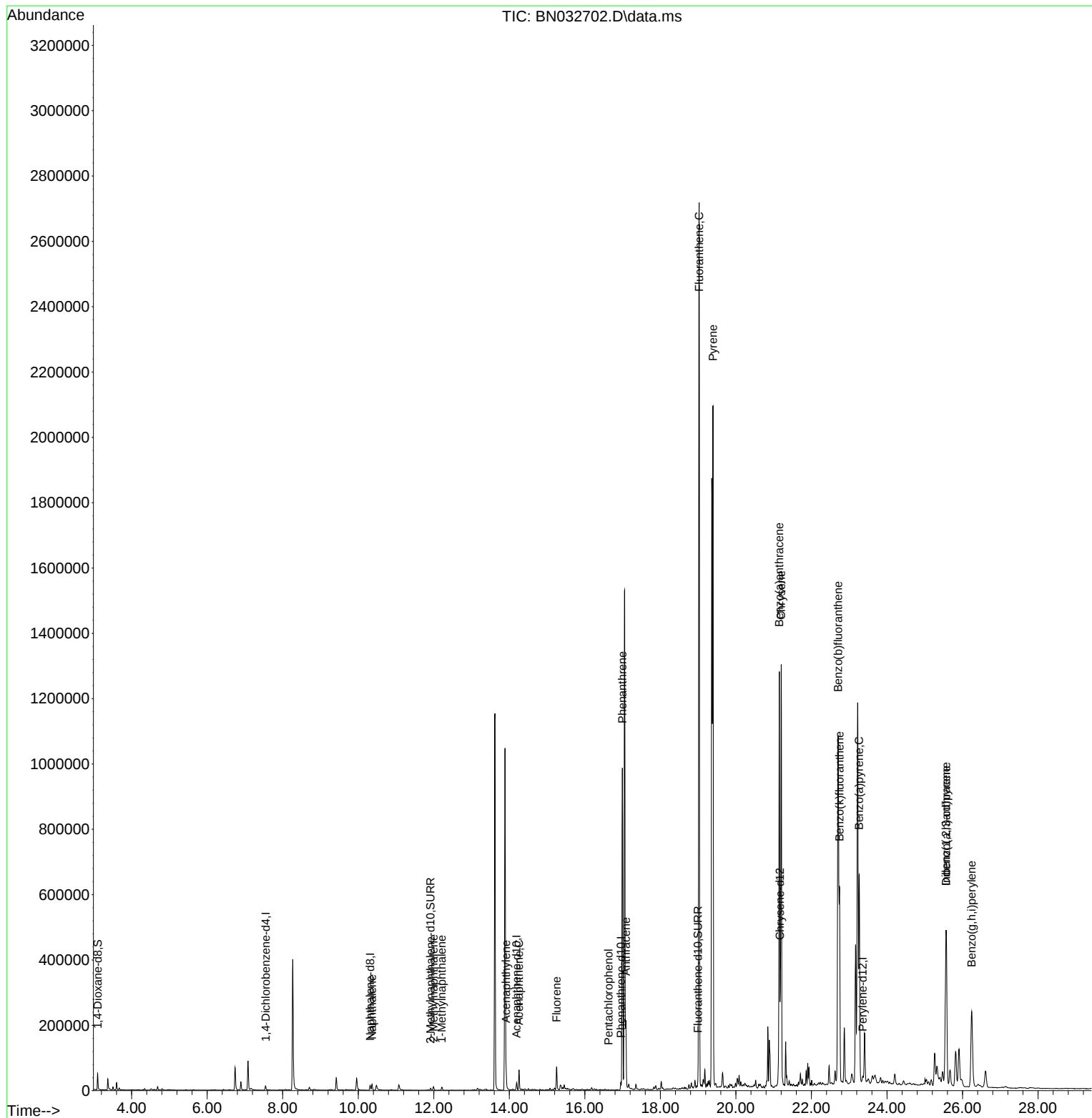
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032702.D
Acq On : 13 Jul 2024 10:17
Operator : MA/JU
Sample : P3124-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

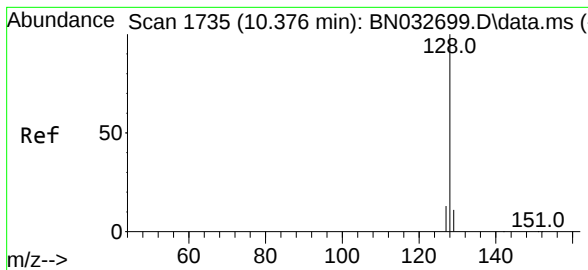
Instrument :
BNA_N
ClientSampleId :
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Supervised By :mohammad ahmed 07/16/2024

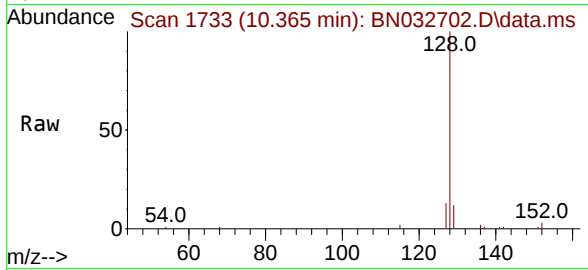
Quant Time: Jul 15 08:55:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.439 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.044 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

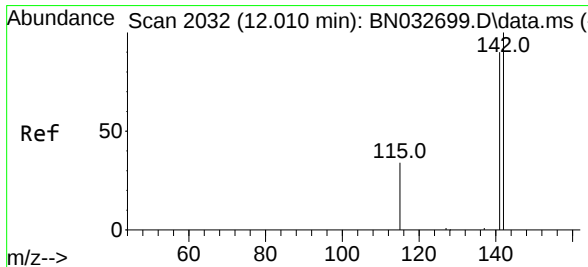
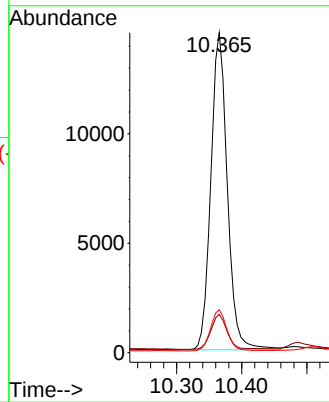
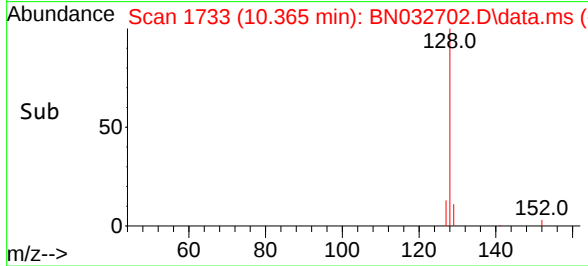
Instrument :
BNA_N
ClientSampleId :
A4CB3



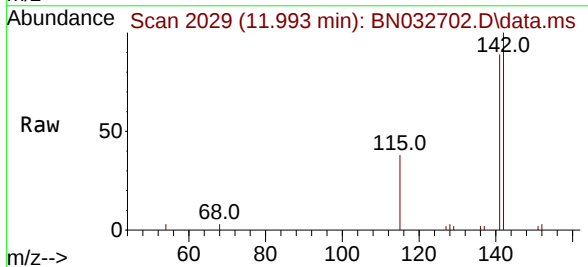
Tgt Ion:128 Resp: 2545
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 13.4 11.6 17.4

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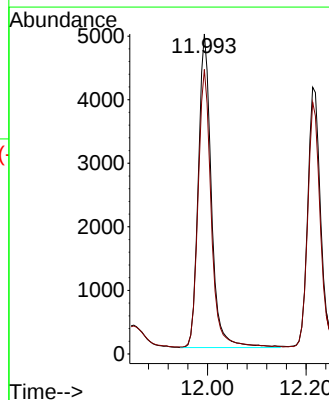
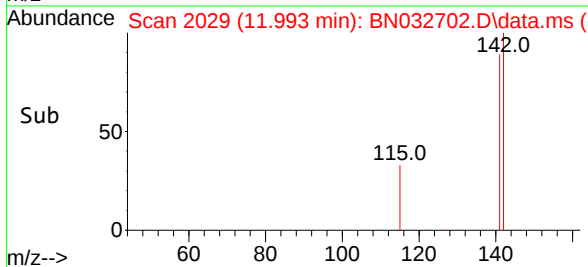
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

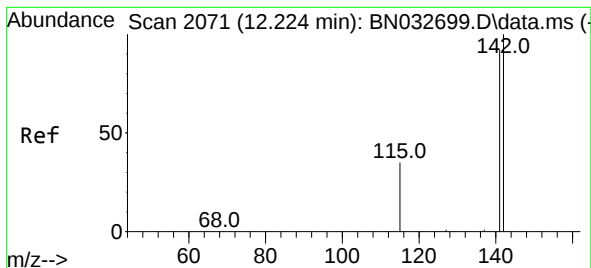


#7
2-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 11.993 min Scan# 2029
Delta R.T. -0.055 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17



Tgt Ion:142 Resp: 9083
Ion Ratio Lower Upper
142 100
141 88.2 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.198 ng/ul

RT: 12.213 min Scan# 2069

Delta R.T. -0.033 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

Instrument :

BNA_N

ClientSampleId :

A4CB3

Tgt Ion:142 Resp: 741

Ion Ratio Lower Upper

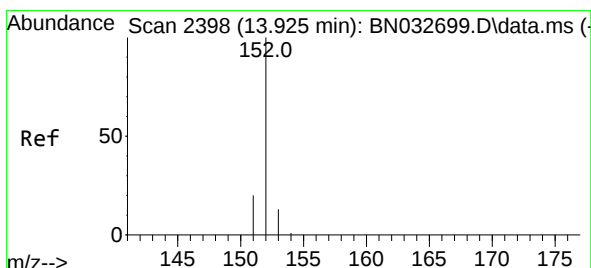
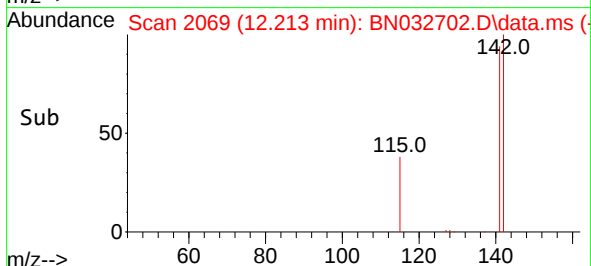
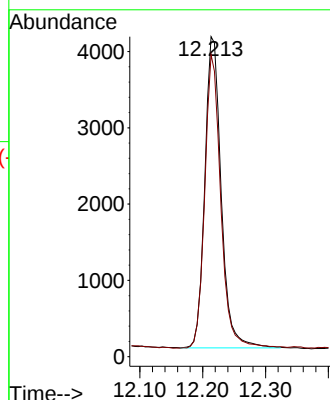
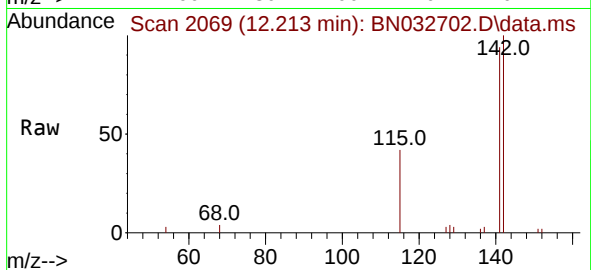
142 100

141 92.2 75.0 112.4

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#10

Acenaphthylene

Concen: 1.253 ng/ul

RT: 13.915 min Scan# 2396

Delta R.T. -0.028 min

Lab File: BN032702.D

Acq: 13 Jul 2024 10:17

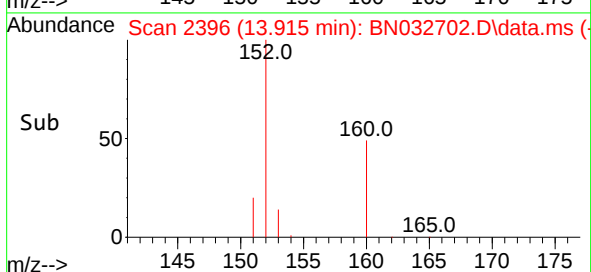
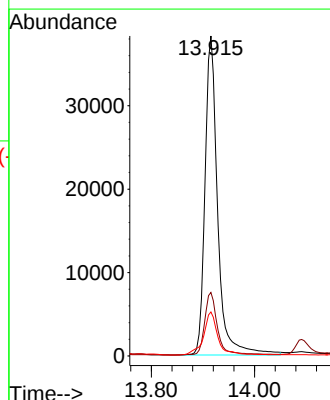
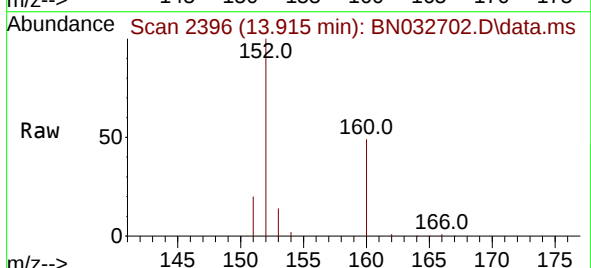
Tgt Ion:152 Resp: 65016

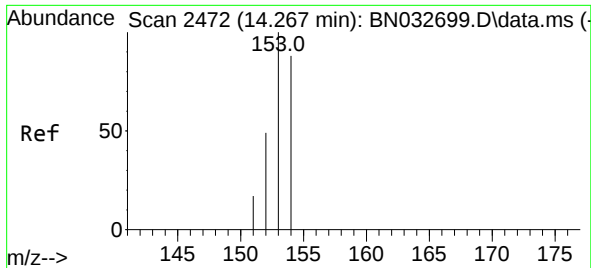
Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

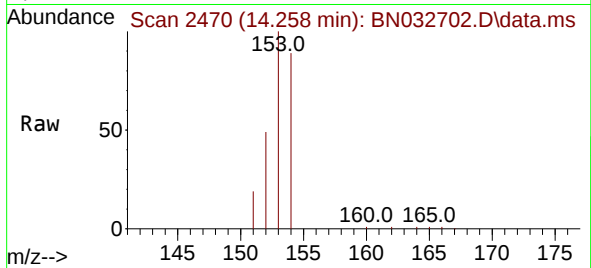
153 13.8 11.3 16.9





#11
Acenaphthene
Concen: 0.855 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

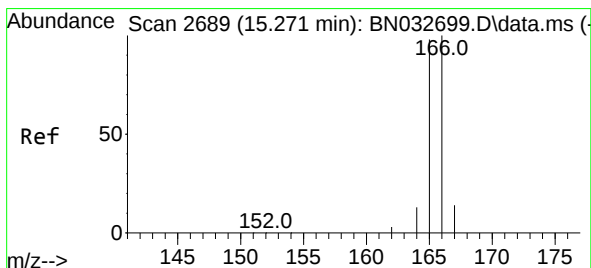
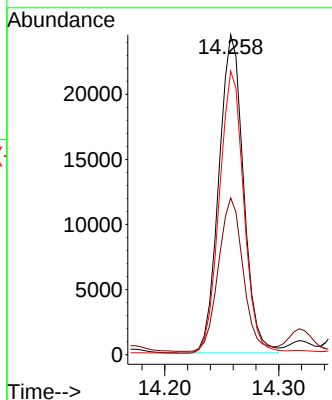
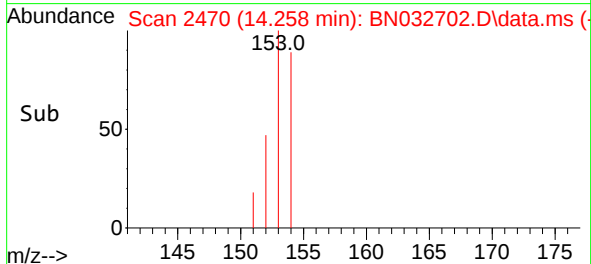
Instrument :
BNA_N
ClientSampleId :
A4CB3



Tgt Ion:153 Resp: 36679
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 88.6 70.2 105.4

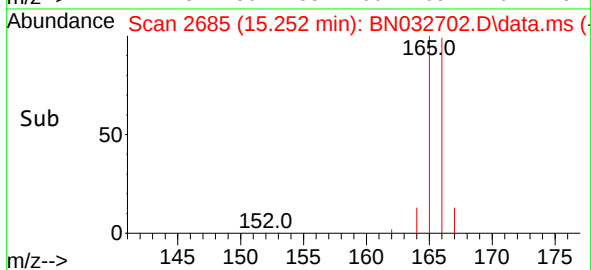
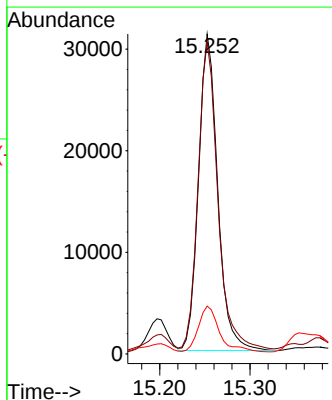
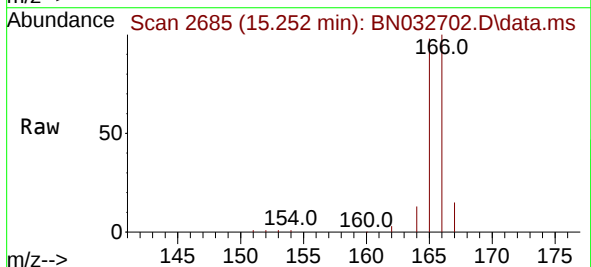
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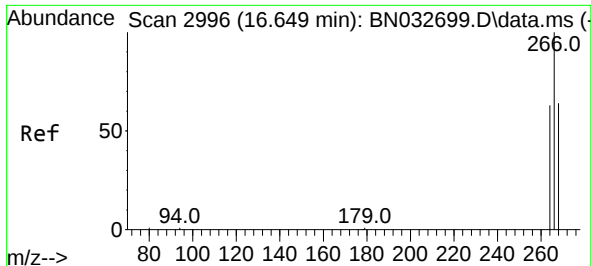
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.938 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.037 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

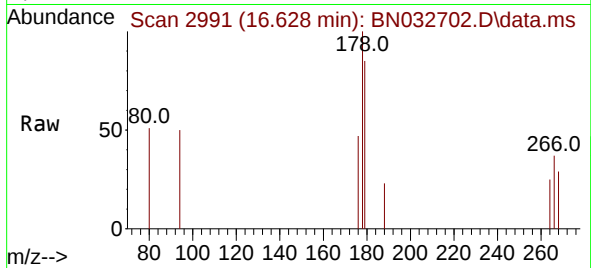
Tgt Ion:166 Resp: 46009
Ion Ratio Lower Upper
166 100
165 97.5 79.7 119.5
167 15.0 11.4 17.2





#14
 Pentachlorophenol
 Concen: 0.073 ng/ul m
 RT: 16.628 min Scan# 2991
 Delta R.T. -0.042 min
 Lab File: BN032702.D
 Acq: 13 Jul 2024 10:17

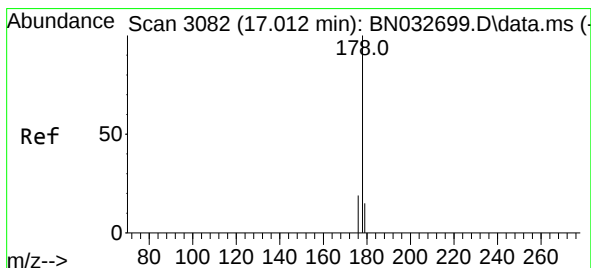
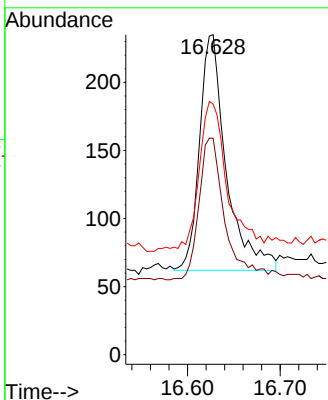
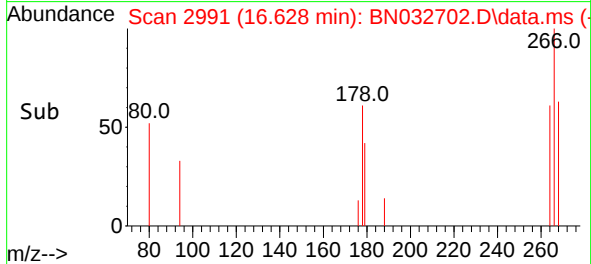
Instrument :
 BNA_N
 ClientSampleId :
 A4CB3



Tgt Ion:266 Resp: 348
 Ion Ratio Lower Upper
 266 100
 264 0.9 49.4 74.2
 268 2.3 51.6 77.4

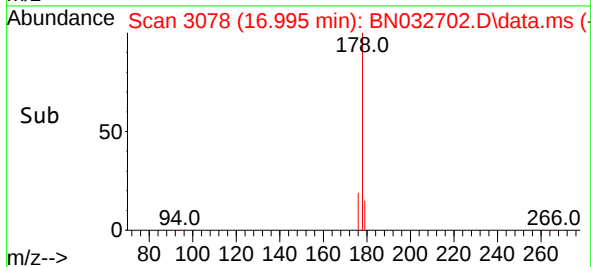
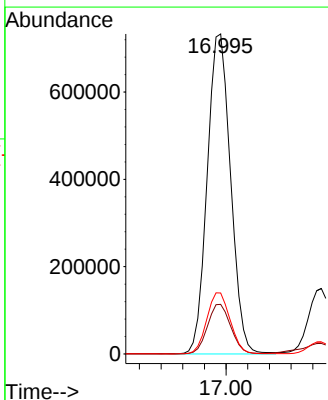
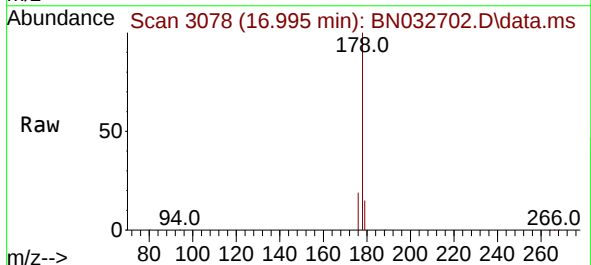
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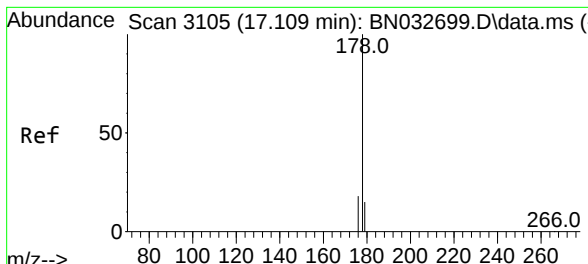
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#15
 Phenanthrene
 Concen: 14.866 ng/ul m
 RT: 16.995 min Scan# 3078
 Delta R.T. -0.034 min
 Lab File: BN032702.D
 Acq: 13 Jul 2024 10:17

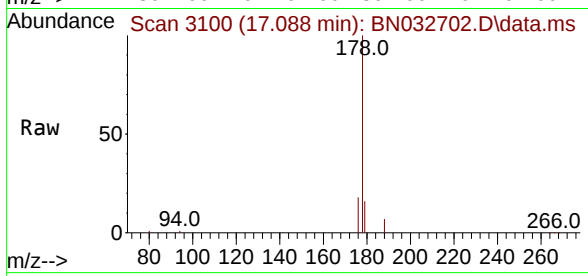
Tgt Ion:178 Resp: 1098955
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.0 19.4
 176 19.1 15.6 23.4





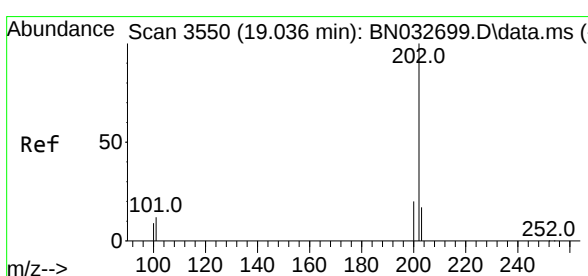
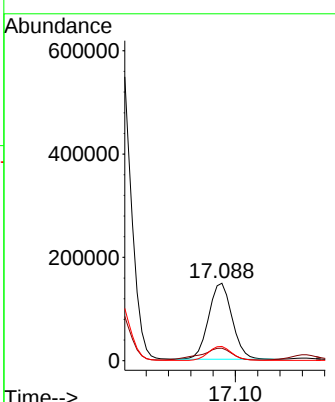
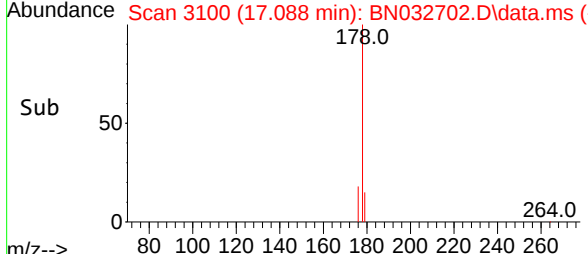
#16
 Anthracene
 Concen: 3.559 ng/ul m
 RT: 17.088 min Scan# 3100
 Delta R.T. -0.051 min
 Lab File: BN032702.D
 Acq: 13 Jul 2024 10:17

Instrument : BNA_N
 ClientSampleId : A4CB3



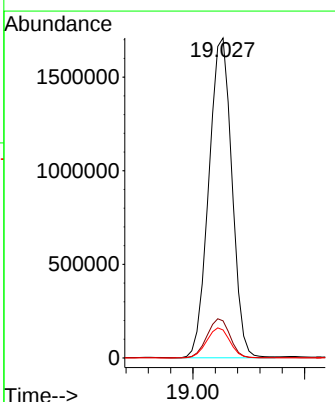
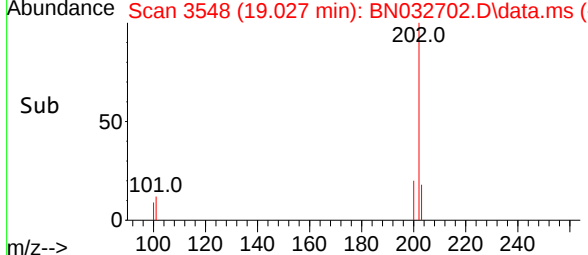
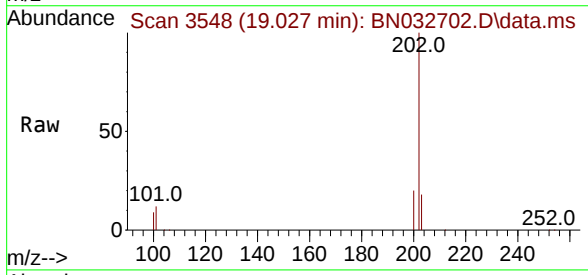
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Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.2
176	18.3	15.4	23.0

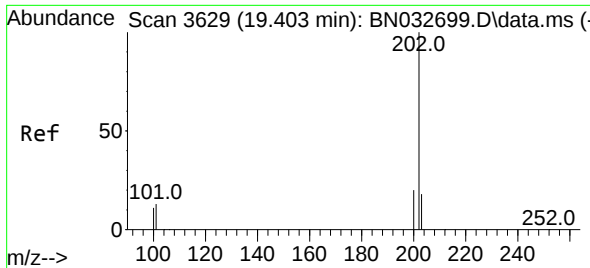
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 Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 29.020 ng/ul m
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.028 min
 Lab File: BN032702.D
 Acq: 13 Jul 2024 10:17

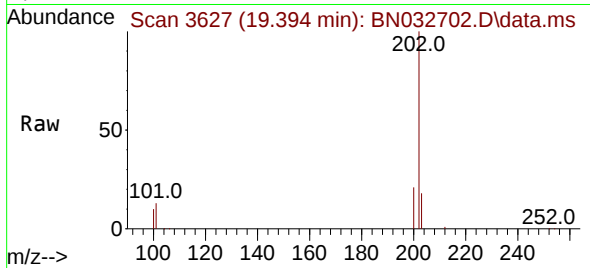
Tgt Ion:	202	Resp:	2456883
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.8	14.8
100	8.8	7.9	11.9





#20
Pyrene
Concen: 20.304 ng/ul m
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

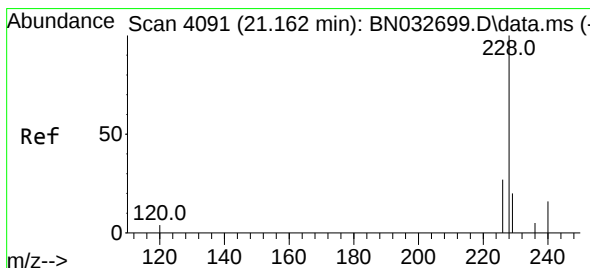
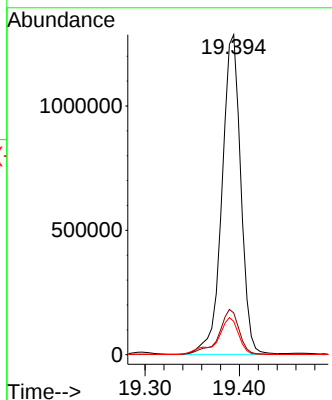
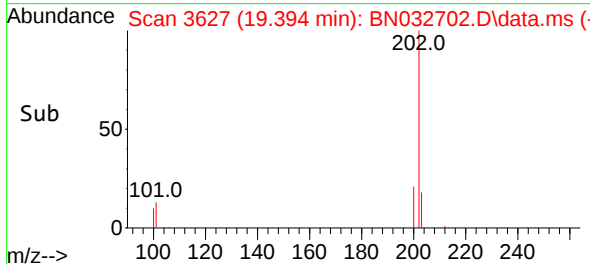
Instrument :
BNA_N
ClientSampleId :
A4CB3



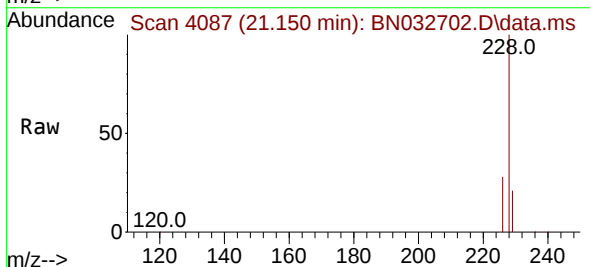
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Ion Ratio Lower Upper
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101 13.0 11.8 17.6
100 10.4 9.6 14.4

Manual Integrations
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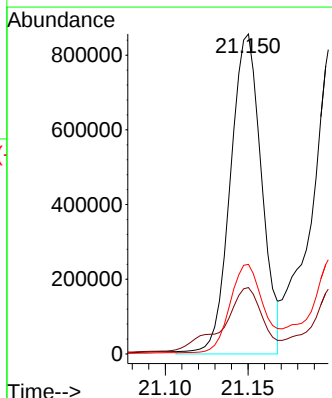
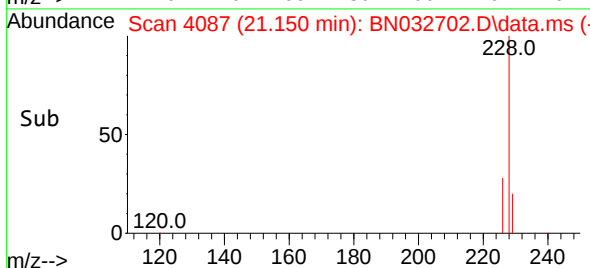
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

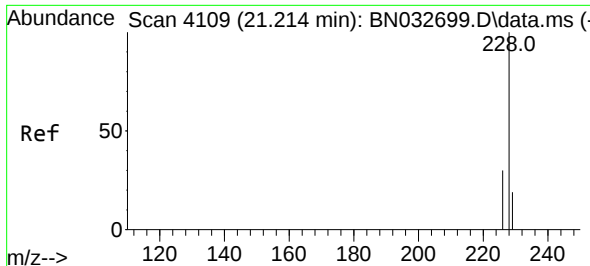


#21
Benzo(a)anthracene
Concen: 16.984 ng/ul m
RT: 21.150 min Scan# 4087
Delta R.T. -0.032 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17



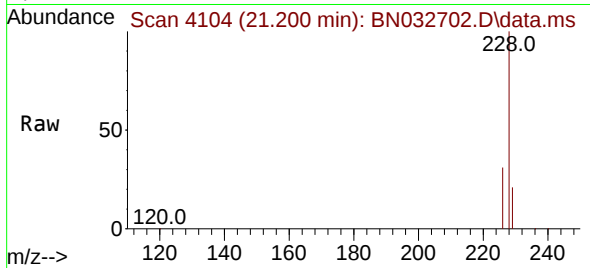
Tgt Ion:228 Resp: 1125743
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 28.0 21.9 32.9





#22
Chrysene
Concen: 13.584 ng/ul m
RT: 21.200 min Scan# 4109
Delta R.T. -0.032 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

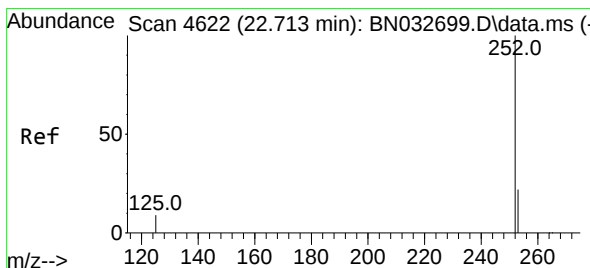
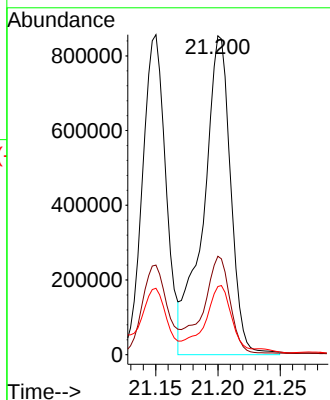
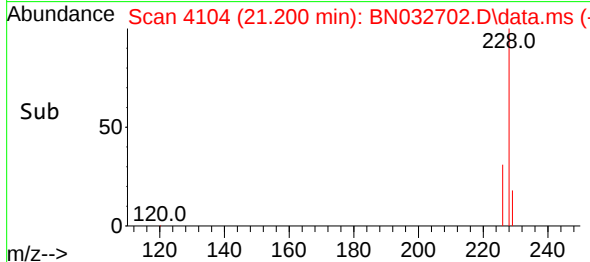
Instrument :
BNA_N
ClientSampleId :
A4CB3



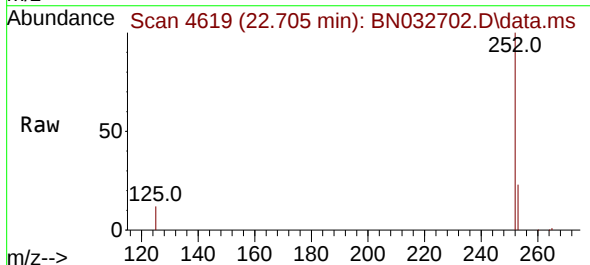
Tgt Ion:228 Resp: 1302468
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.4 15.8 23.6

Manual Integrations
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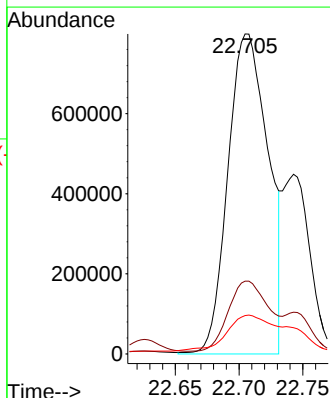
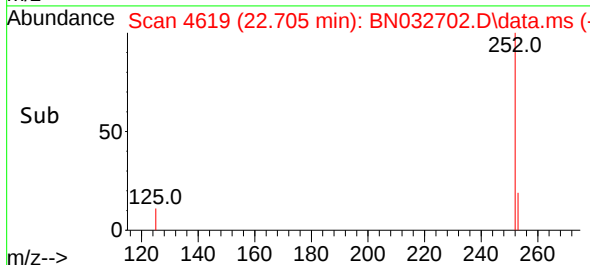
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

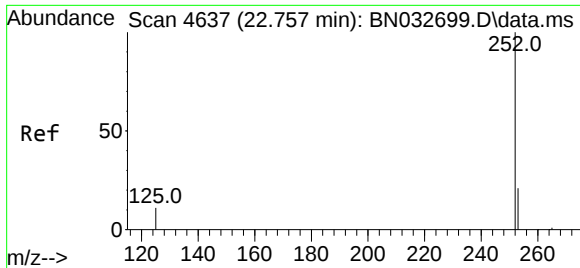


#24
Benzo(b)fluoranthene
Concen: 18.274 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17



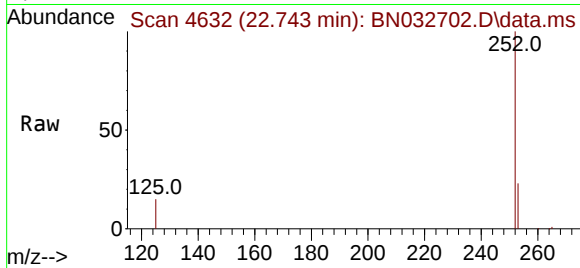
Tgt Ion:252 Resp: 1752490
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 12.0 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 5.852 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

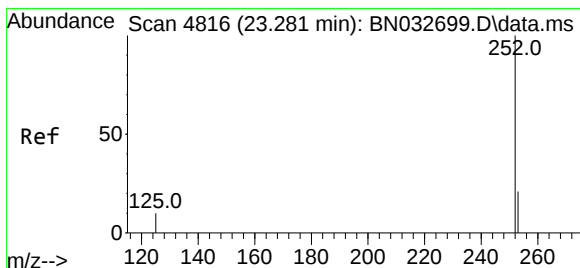
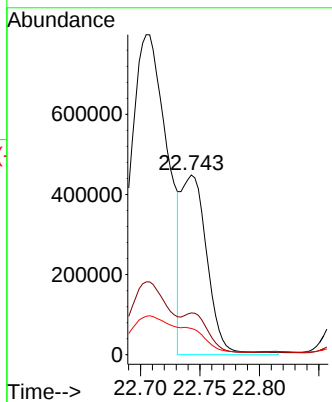
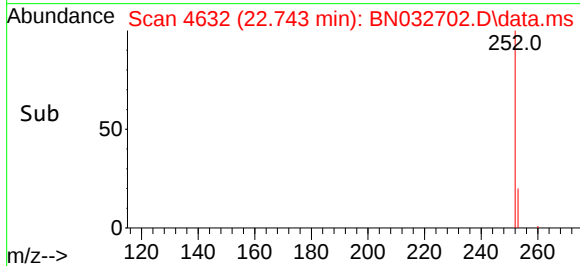
Instrument :
BNA_N
ClientSampleId :
A4CB3



Tgt Ion:252 Resp: 683872
Ion Ratio Lower Upper
252 100
253 23.3 21.2 31.8
125 14.6 14.8 22.2

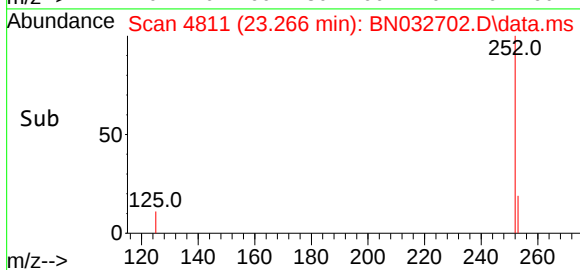
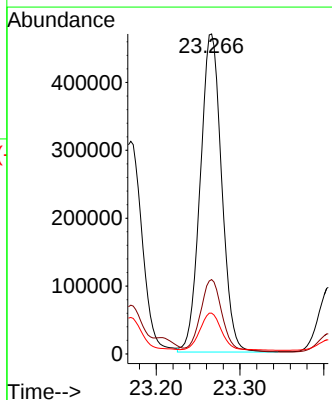
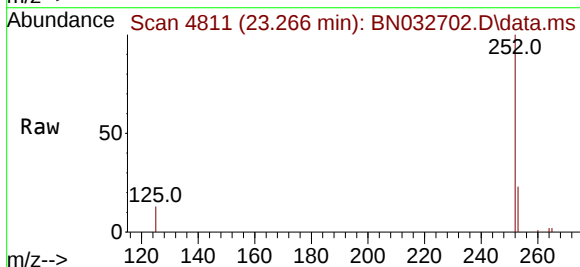
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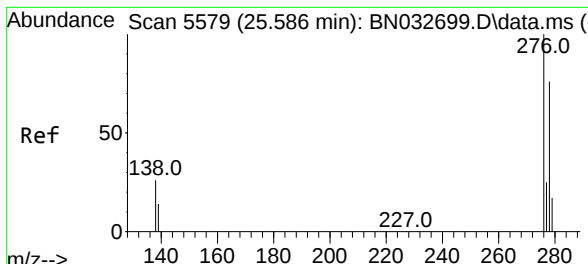
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 10.013 ng/ul m
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032702.D
Acq: 13 Jul 2024 10:17

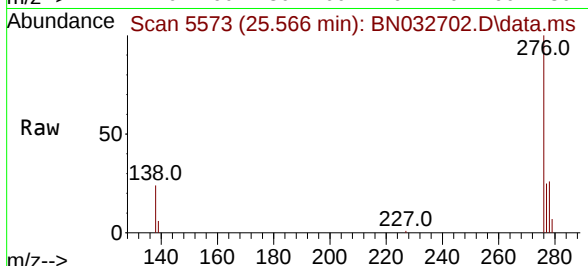
Tgt Ion:252 Resp: 830979
Ion Ratio Lower Upper
252 100
253 23.2 25.4 38.0#
125 12.8 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.401 ng/ul m
 RT: 25.566 min Scan# 5573
 Delta R.T. -0.060 min
 Lab File: BN032702.D
 Acq: 13 Jul 2024 10:17

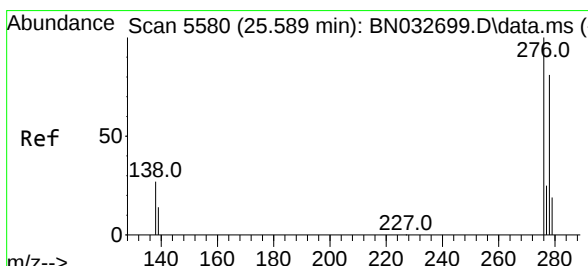
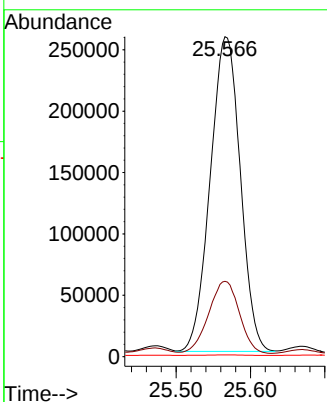
Instrument :
 BNA_N
 ClientSampleId :
 A4CB3



Tgt Ion:276 Resp: 71926
 Ion Ratio Lower Upper
 276 100
 138 4.2 21.6 32.4
 227 0.1 0.0 0.0

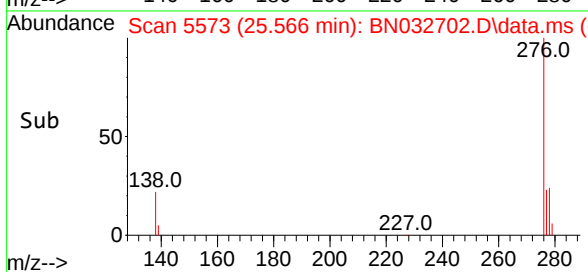
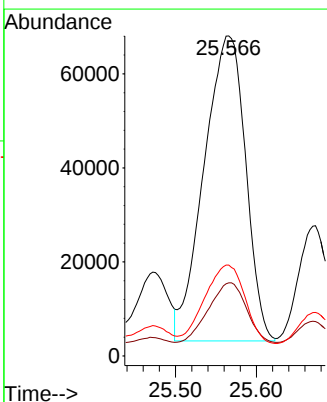
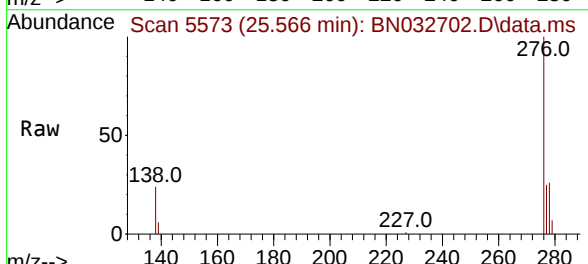
Manual Integrations
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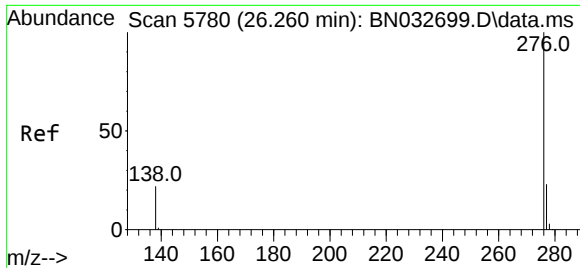
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 2.660 ng/ul m
 RT: 25.566 min Scan# 5573
 Delta R.T. -0.074 min
 Lab File: BN032702.D
 Acq: 13 Jul 2024 10:17

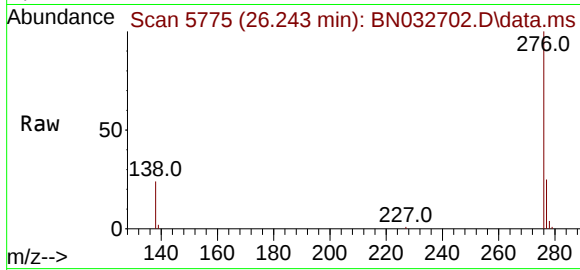
Tgt Ion:278 Resp: 231720
 Ion Ratio Lower Upper
 278 100
 139 22.9 16.6 24.8
 279 28.4 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 5.106 ng/ul m
 RT: 26.243 min Scan# 51
 Delta R.T. -0.057 min
 Lab File: BN032702.D
 Acq: 13 Jul 2024 10:17

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3



Tgt Ion: 276 Resp: 479524
 Ion Ratio Lower Upper
 276 100
 138 23.8 21.0 31.4
 277 24.7 20.6 31.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

