

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032638.D
 Acq On : 11 Jul 2024 16:31
 Operator : MA/JU
 Sample : P3102-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:08 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	7.561	152	5586	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	18992	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	11795	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	25736m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	15939m	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	15534m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	21967	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	7045	0.245	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	15825m	0.305	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	21306	0.418	ng/ul	98
7) 2-Methylnaphthalene	12.015	142	8917	0.280	ng/ul	97
8) 1-Methylnaphthalene	12.235	142	7227	0.220	ng/ul	98
10) Acenaphthylene	13.925	152	35519	0.745	ng/ul	100
11) Acenaphthene	14.267	153	30010	0.762	ng/ul	99
12) Fluorene	15.262	166	35855	0.796	ng/ul	98
15) Phenanthrene	17.003	178	735416m	10.492	ng/ul	
16) Anthracene	17.092	178	136781m	2.389	ng/ul	
19) Fluoranthene	19.031	202	1417102m	21.867	ng/ul	
20) Pyrene	19.399	202	1000328m	14.913	ng/ul	
21) Benzo(a)anthracene	21.159	228	548841m	10.818	ng/ul	
22) Chrysene	21.211	228	614926m	8.378	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	745898m	13.609	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	293051m	4.387	ng/ul	
26) Benzo(a)pyrene	23.278	252	275538m	5.809	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	267948m	4.172	ng/ul	
28) Dibenzo(a,h)anthracene	25.582	278	88849m	1.785	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	39901m	0.743	ng/ul	

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

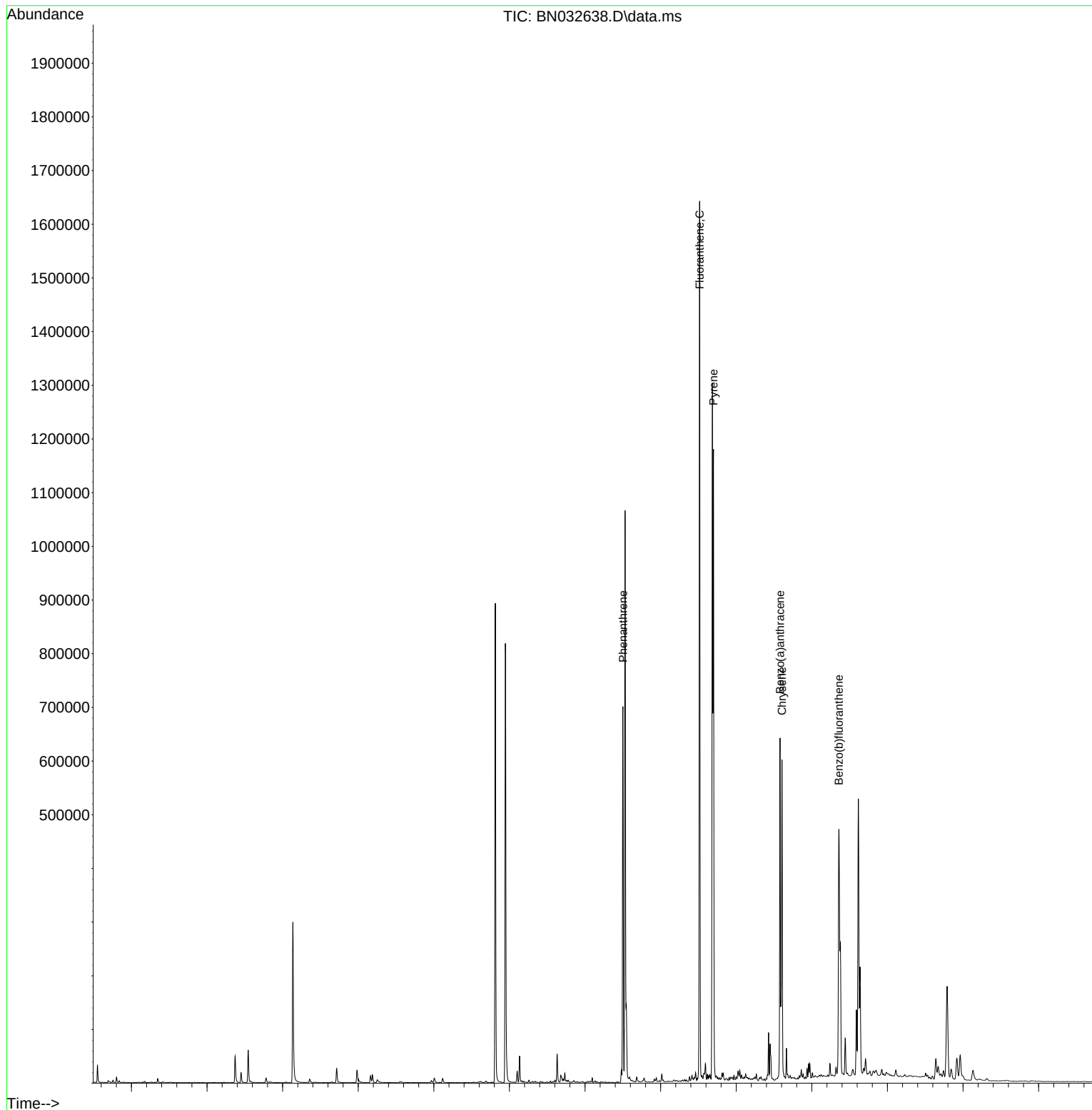
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032638.D
Acq On : 11 Jul 2024 16:31
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

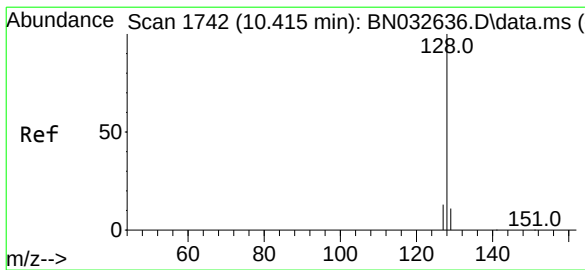
Instrument :
BNA_N
ClientSampleId :
A4CE1

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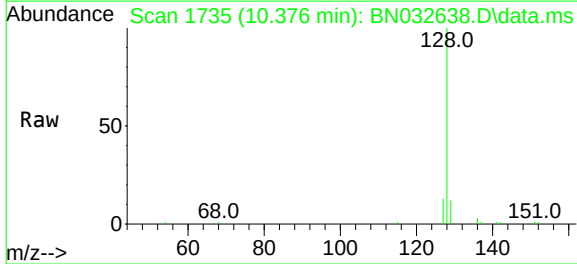
Quant Time: Jul 12 01:55:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





Naphthalene
 Concen: 0.418 ng/ul
 RT: 10.376 min Scan# 1742
 Delta R.T. -0.033 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

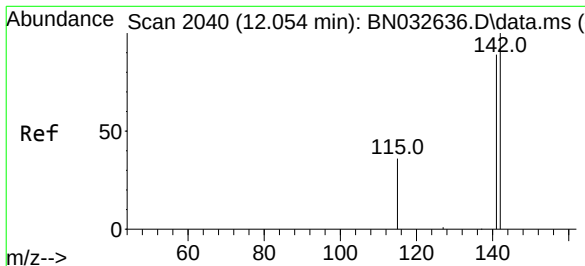
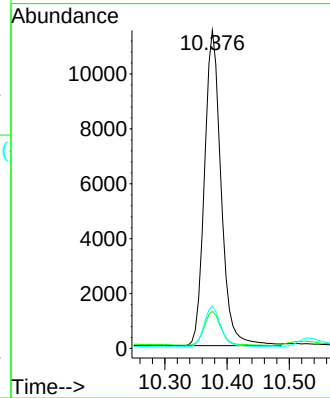
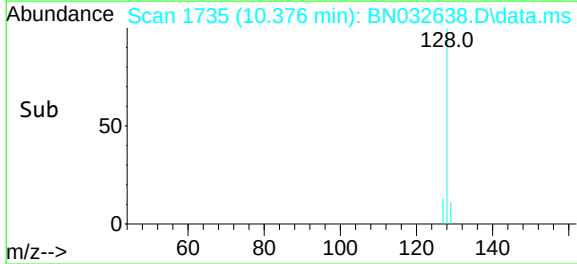
Instrument : BNA_N
 ClientSampleId : A4CE1



Tgt Ion:128 Resp: 21306
 Ion Ratio Lower Upper
 128 100
 129 11.7 10.0 15.0
 127 13.4 11.6 17.4

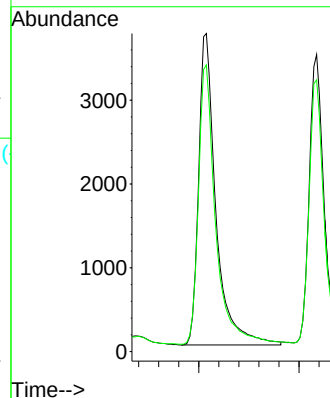
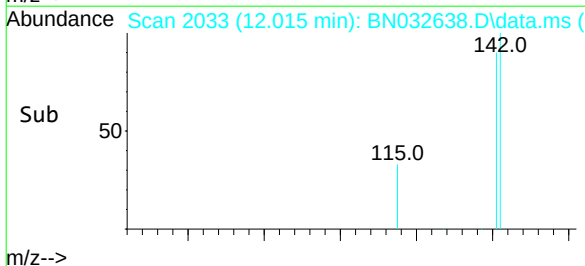
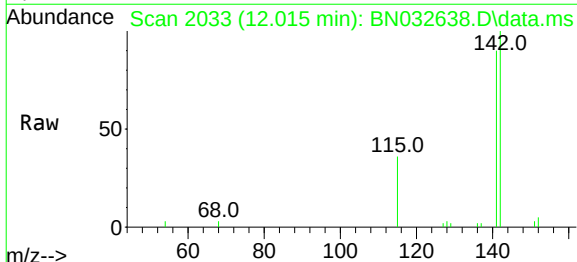
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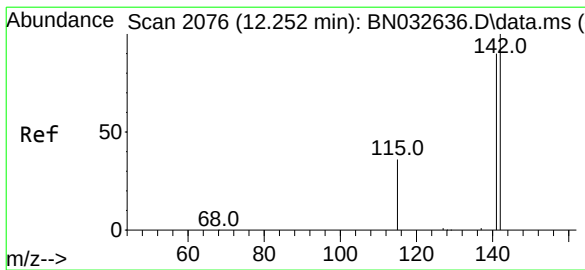
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



2-Methylnaphthalene
 Concen: 0.280 ng/ul
 RT: 12.015 min Scan# 2033
 Delta R.T. -0.033 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

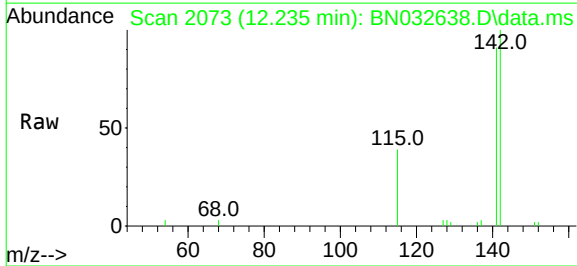
Tgt Ion:142 Resp: 8917
 Ion Ratio Lower Upper
 142 100
 141 89.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.235 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

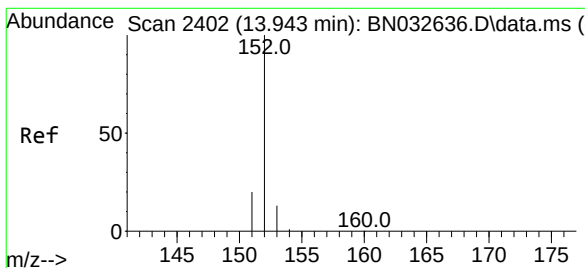
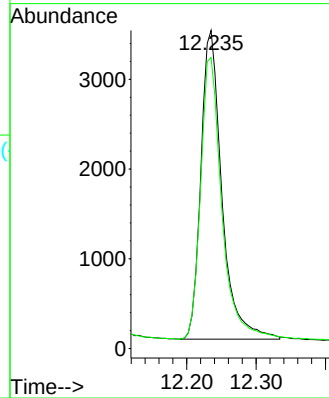
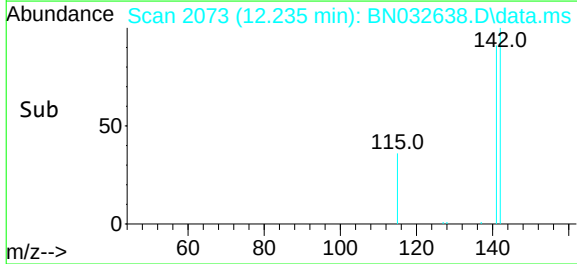
Instrument :
BNA_N
ClientSampleId :
A4CE1



Tgt Ion:142 Resp: 7227
Ion Ratio Lower Upper
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141 92.1 75.0 112.4

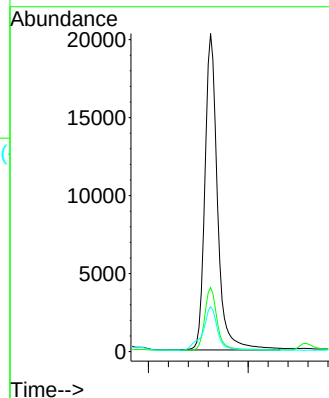
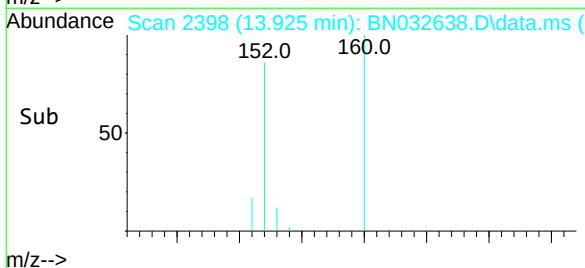
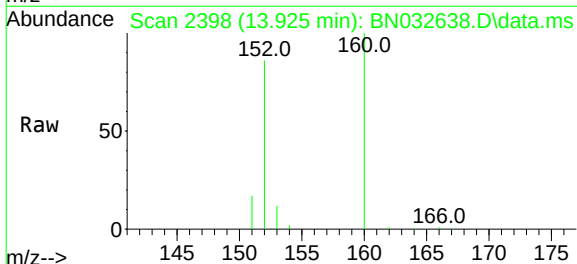
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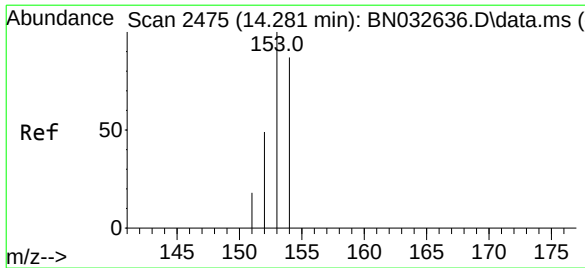
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.745 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

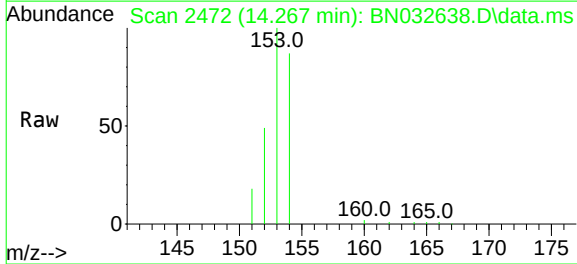
Tgt Ion:152 Resp: 35519
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.1 11.3 16.9





#11
Acenaphthene
Concen: 0.762 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

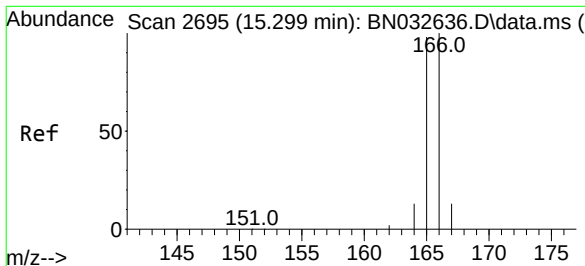
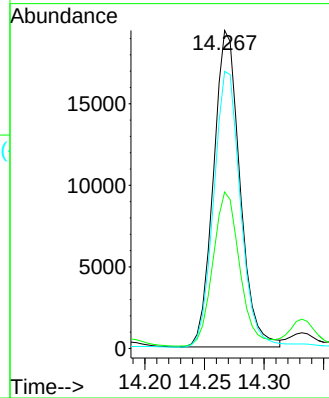
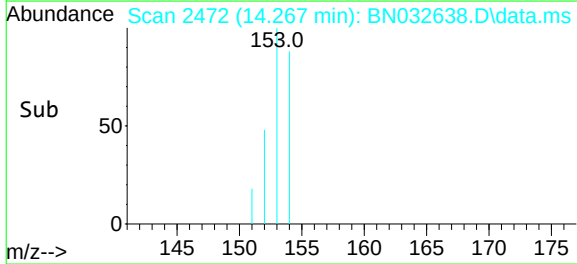
Instrument :
BNA_N
ClientSampleId :
A4CE1



Tgt Ion:153 Resp: 30010
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 87.1 70.2 105.4

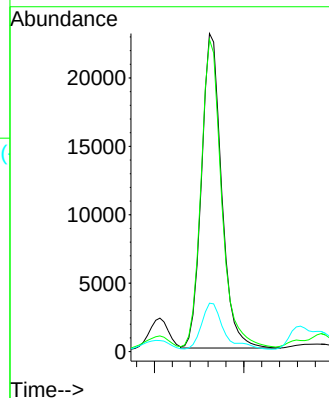
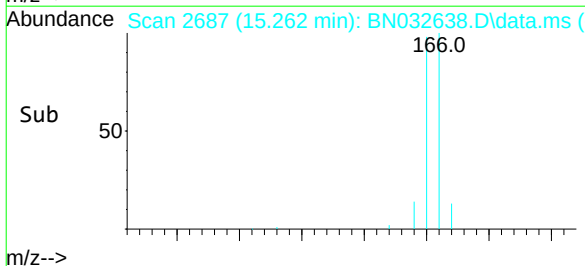
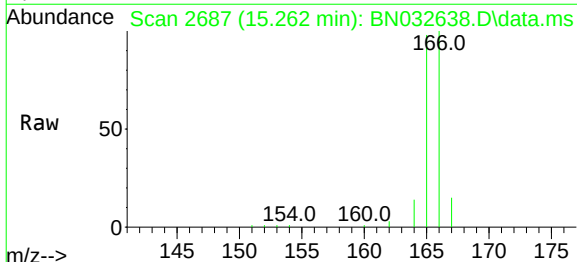
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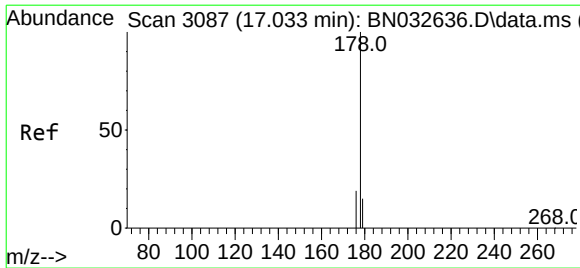
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.796 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

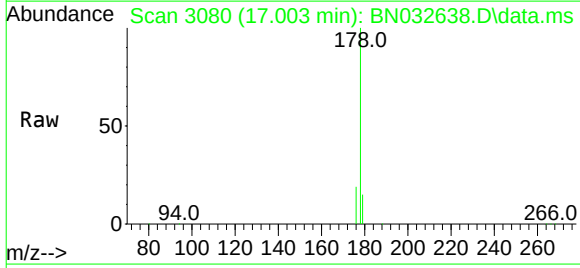
Tgt Ion:166 Resp: 35855
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 15.2 11.4 17.2





#15
Phenanthrene
Concen: 10.492 ng/u1 m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

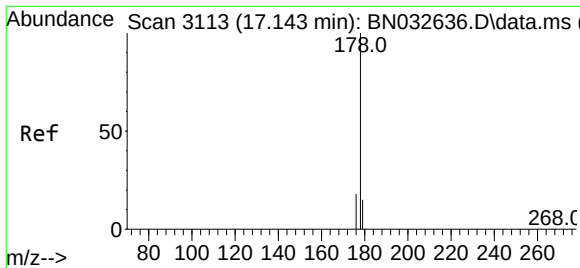
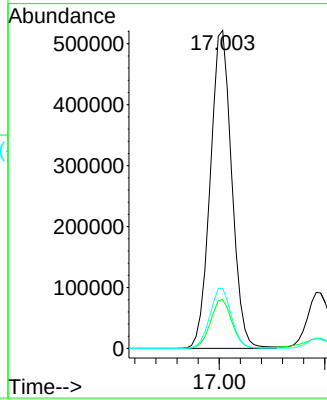
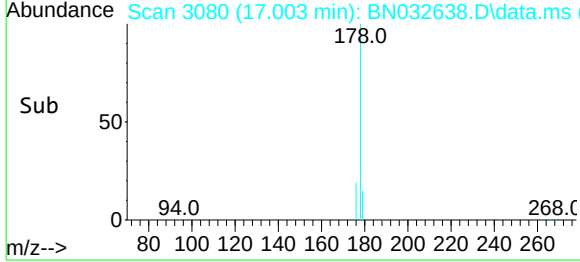
Instrument :
BNA_N
ClientSampleId :
A4CE1



Tgt Ion:178 Resp: 735416
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.9 15.6 23.4

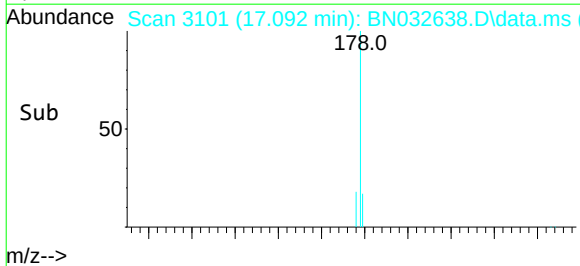
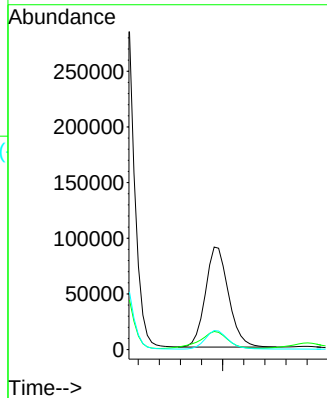
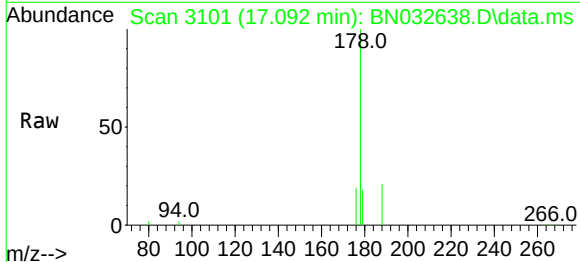
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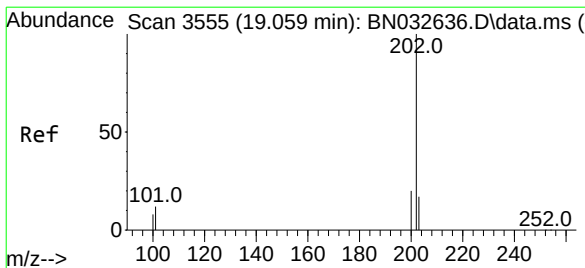
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 2.389 ng/u1 m
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

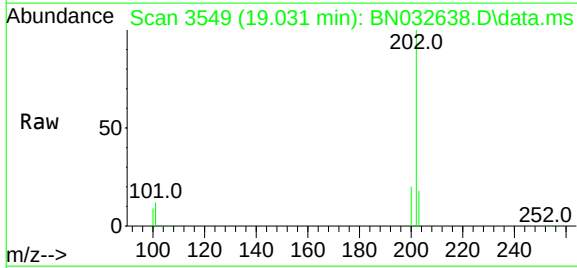
Tgt Ion:178 Resp: 136781
Ion Ratio Lower Upper
178 100
179 17.7 13.4 20.2
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 21.867 ng/ul m
RT: 19.031 min Scan# 35
Delta R.T. -0.023 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

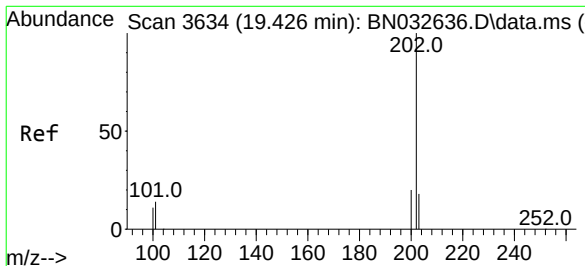
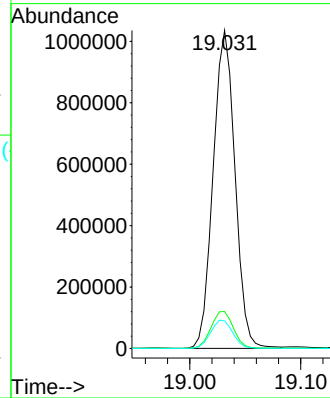
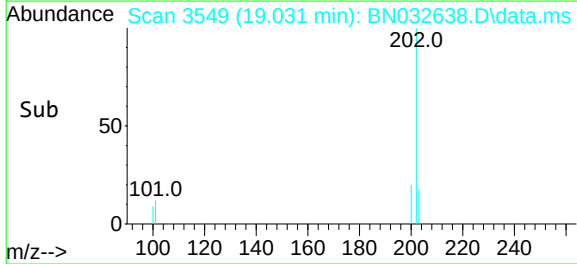
Instrument :
BNA_N
ClientSampleId :
A4CE1



Tgt Ion:202 Resp: 1417102
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.7 7.9 11.9

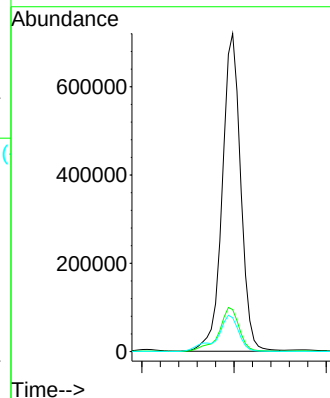
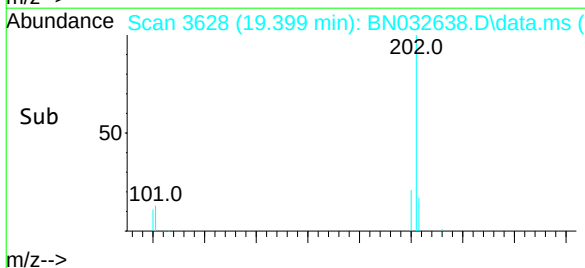
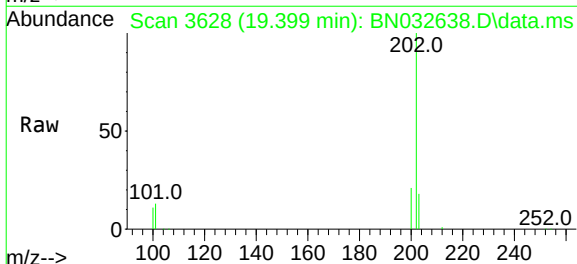
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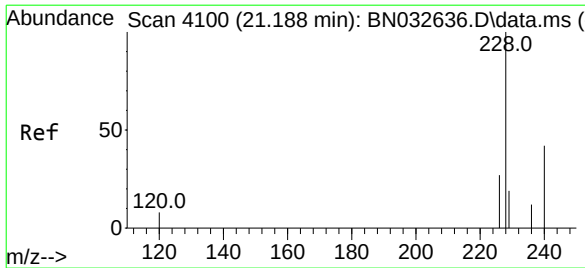
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 14.913 ng/ul m
RT: 19.399 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

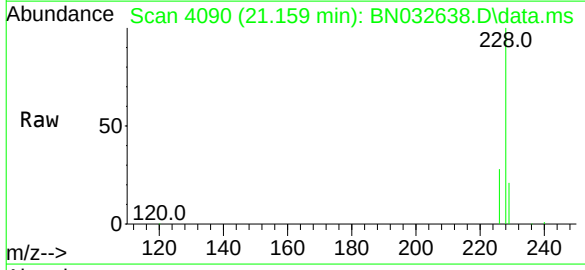
Tgt Ion:202 Resp: 1000328
Ion Ratio Lower Upper
202 100
101 13.2 11.8 17.6
100 10.6 9.6 14.4





#21
 Benzo(a)anthracene
 Concen: 10.818 ng/ul m
 RT: 21.159 min Scan# 4090
 Delta R.T. -0.023 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

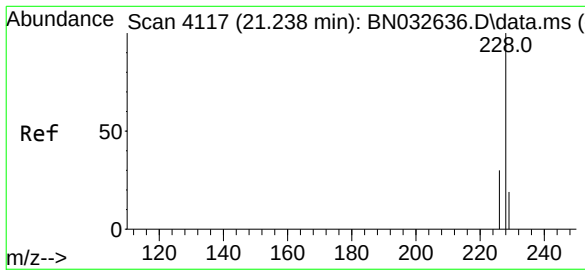
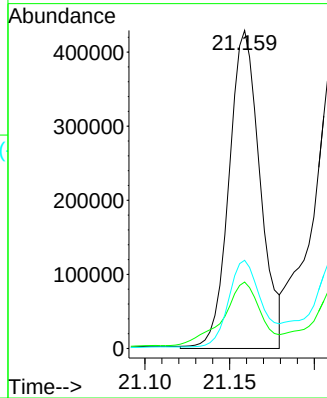
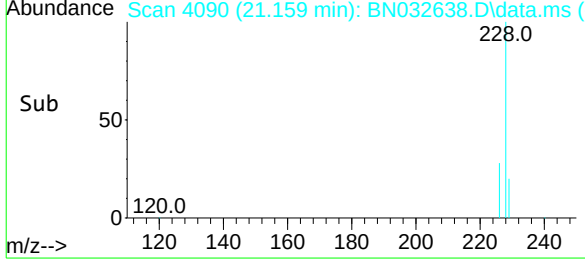
Instrument :
 BNA_N
 ClientSampleId :
 A4CE1



Tgt Ion:	228	Resp:	548841
Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.1	24.1
226	27.7	21.9	32.9

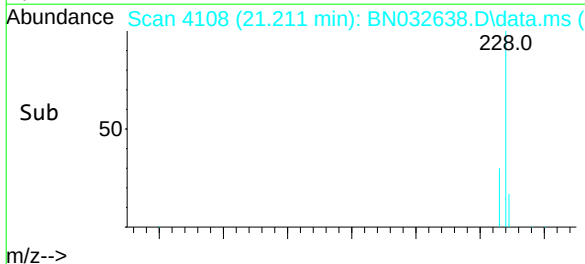
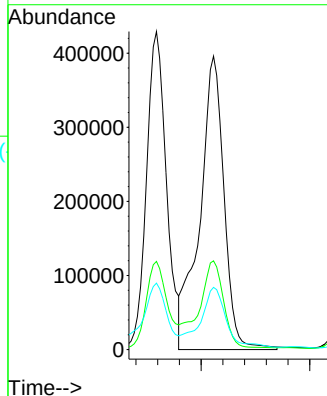
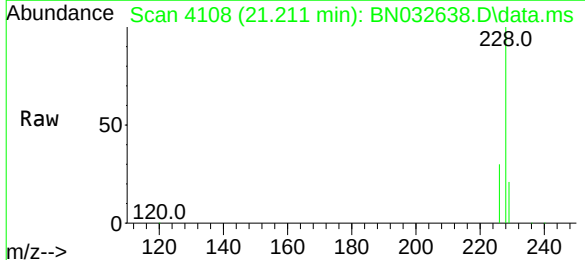
Manual Integrations
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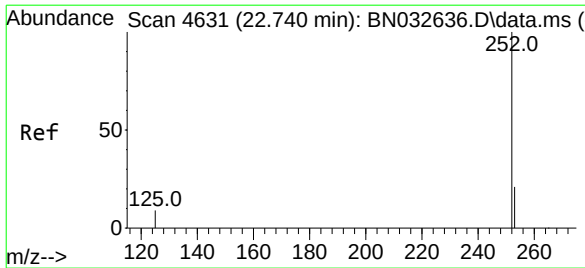
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#22
 Chrysene
 Concen: 8.378 ng/ul m
 RT: 21.211 min Scan# 4108
 Delta R.T. -0.020 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

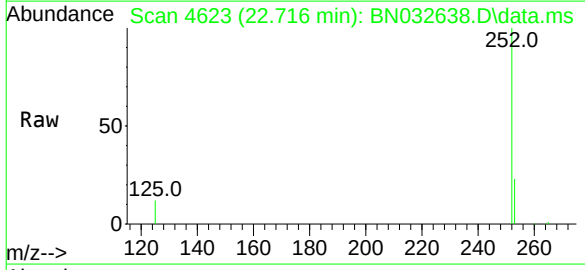
Tgt Ion:	228	Resp:	614926
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.2	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 13.609 ng/u1 m
RT: 22.716 min Scan# 4631
Delta R.T. -0.018 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

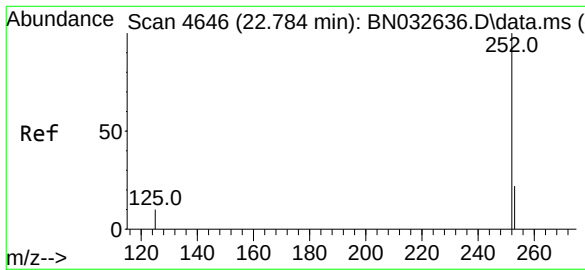
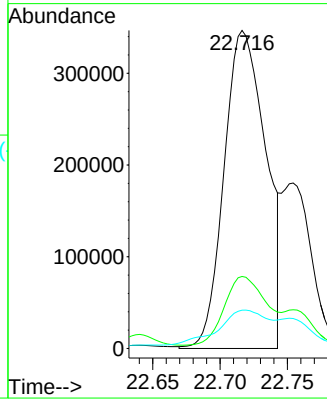
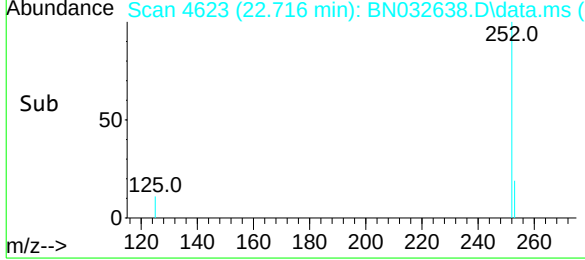
Instrument :
BNA_N
ClientSampleId :
A4CE1



Tgt Ion:252 Resp: 745898
Ion Ratio Lower Upper
252 100
253 22.6 0.0 54.0
125 12.1 0.0 36.0

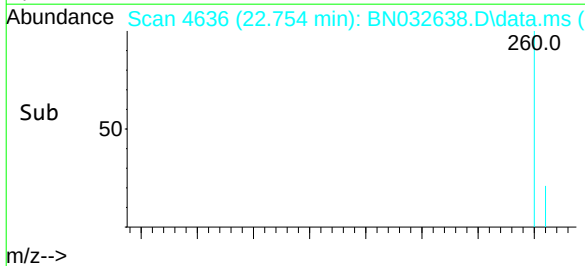
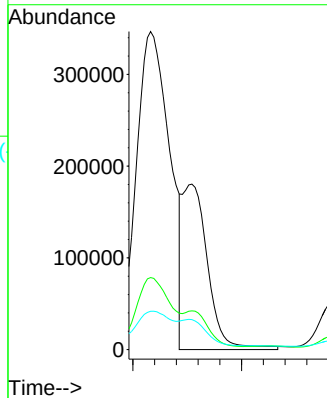
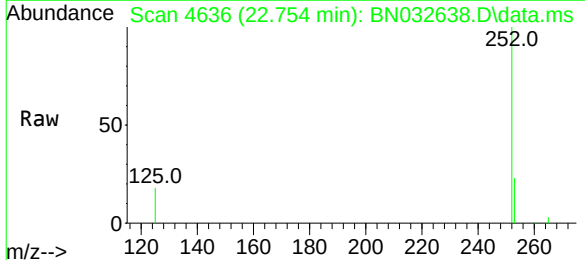
Manual Integrations
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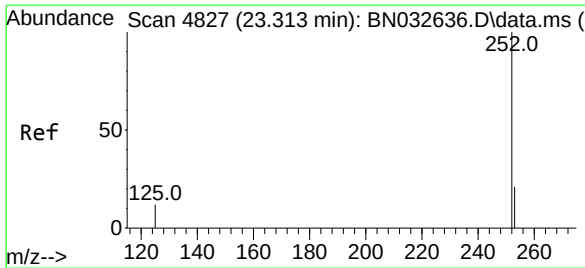
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 4.387 ng/u1 m
RT: 22.754 min Scan# 4636
Delta R.T. -0.023 min
Lab File: BN032638.D
Acq: 11 Jul 2024 16:31

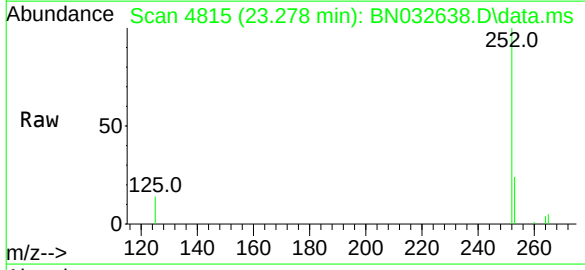
Tgt Ion:252 Resp: 293051
Ion Ratio Lower Upper
252 100
253 23.4 21.2 31.8
125 18.1 14.8 22.2





#26
 Benzo(a)pyrene
 Concen: 5.809 ng/u1 m
 RT: 23.278 min Scan# 4815
 Delta R.T. -0.032 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

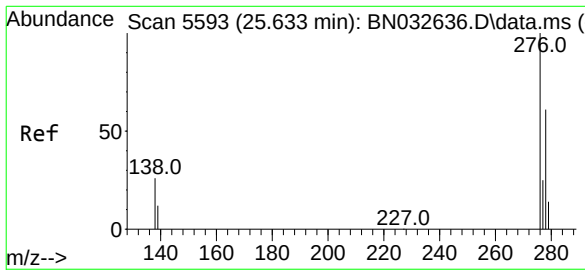
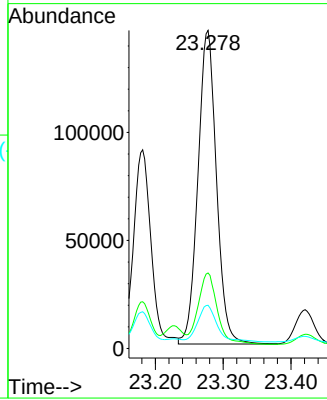
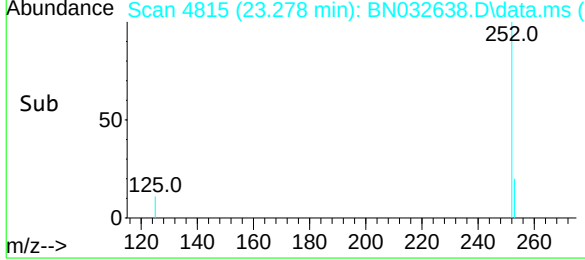
Instrument :
 BNA_N
 ClientSampleId :
 A4CE1



Tgt Ion:	252	Resp:	275538
Ion Ratio	Lower	Upper	
252	100		
253	23.8	25.4	38.0#
125	13.6	20.6	30.8#

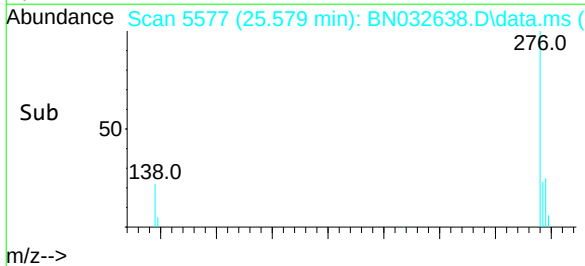
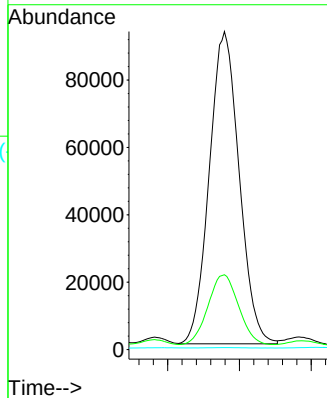
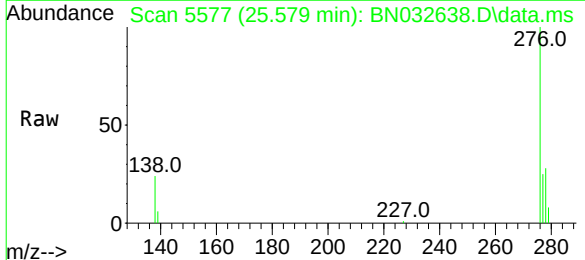
Manual Integrations
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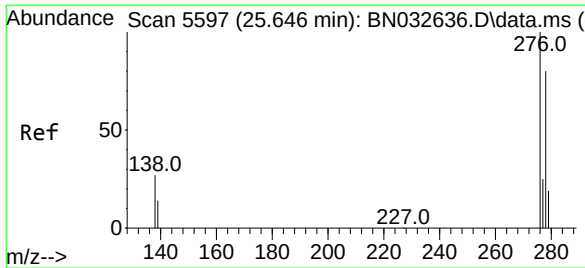
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.172 ng/u1 m
 RT: 25.579 min Scan# 5577
 Delta R.T. -0.047 min
 Lab File: BN032638.D
 Acq: 11 Jul 2024 16:31

Tgt Ion:	276	Resp:	267948
Ion Ratio	Lower	Upper	
276	100		
138	3.4	21.6	32.4#
227	0.0	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.785 ng/ul m

RT: 25.582 min Scan# 55

Delta R.T. -0.057 min

Lab File: BN032638.D

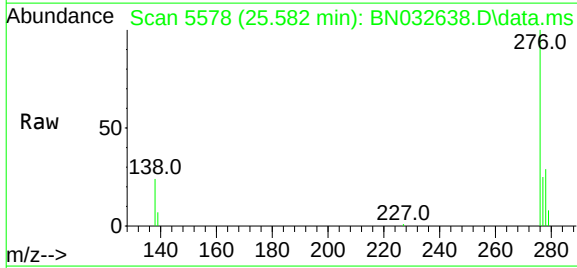
Acq: 11 Jul 2024 16:31

Instrument :

BNA_N

ClientSampleId :

A4CE1



Tgt Ion:278 Resp: 88849

Ion Ratio Lower Upper

278 100

139 23.0 16.6 24.8

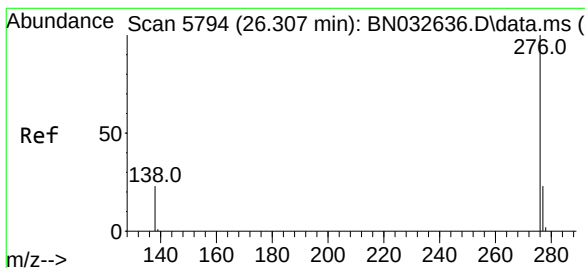
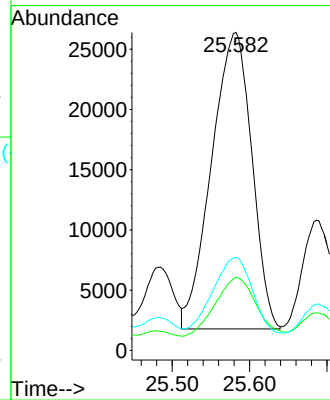
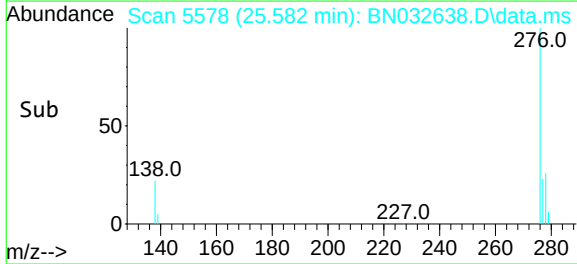
279 29.2 23.7 35.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.743 ng/ul m

RT: 26.260 min Scan# 5780

Delta R.T. -0.040 min

Lab File: BN032638.D

Acq: 11 Jul 2024 16:31

Tgt Ion:276 Resp: 39901

Ion Ratio Lower Upper

276 100

138 28.7 21.0 31.4

277 29.9 20.6 31.0

