

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032906.D
 Acq On : 23 Jul 2024 12:18
 Operator : MA/JU
 Sample : P3215-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BD3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 23 12:52:19 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 : Sat Jul 20 01:52:15 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	6091	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	19639	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.170	164	12082	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.931	188	20181m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.153	240	14209m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	15826m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	21008	2.872	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	6952	0.234	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	10422	0.225	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	3655	0.069	ng/ul#	95
7) 2-Methylnaphthalene	11.971	142	1654	0.050	ng/ul	98
8) 1-Methylnaphthalene	12.191	142	1607	0.047	ng/ul	100
10) Acenaphthylene	13.892	152	10621	0.218	ng/ul	99
11) Acenaphthene	14.235	153	6964	0.173	ng/ul	99
12) Fluorene	15.229	166	8632	0.187	ng/ul	99
15) Phenanthrene	16.974	178	199859m	3.636	ng/ul	
16) Anthracene	17.067	178	41172m	0.917	ng/ul	
19) Fluoranthene	19.008	202	399502	6.915	ng/ul	97
20) Pyrene	19.375	202	228316	3.818	ng/ul	97
21) Benzo(a)anthracene	21.135	228	164291	3.632	ng/ul	99
22) Chrysene	21.191	228	183026	2.797	ng/ul	99
24) Benzo(b)fluoranthene	22.687	252	252618m	4.524	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	100233m	1.473	ng/ul	
26) Benzo(a)pyrene	23.245	252	69376	1.436	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.549	276	76402	1.168	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.542	278	31187	0.615	ng/ul#	94
29) Benzo(g,h,i)perylene	26.233	276	10717	0.196	ng/ul#	73

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

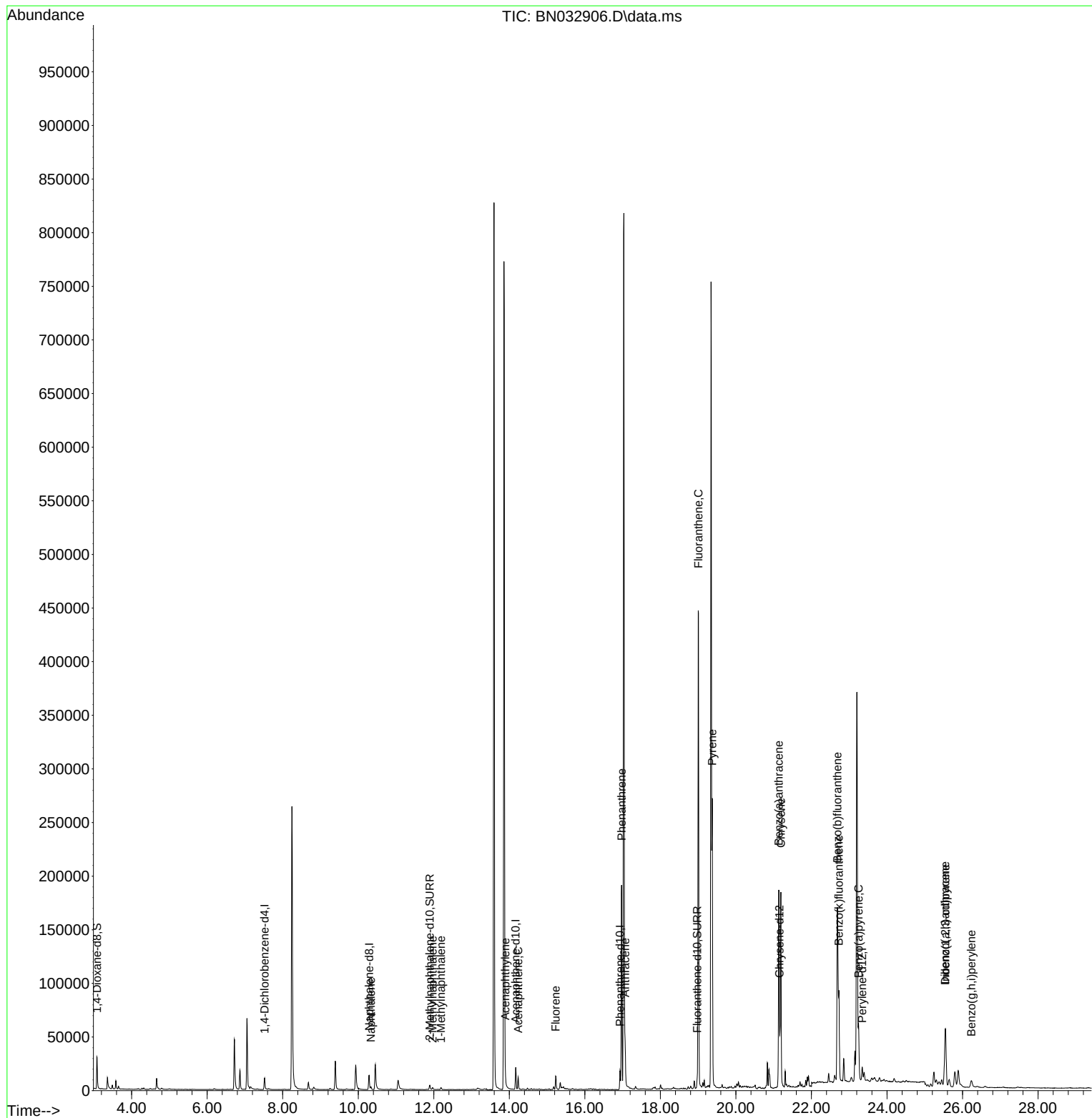
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032906.D
Acq On : 23 Jul 2024 12:18
Operator : MA/JU
Sample : P3215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

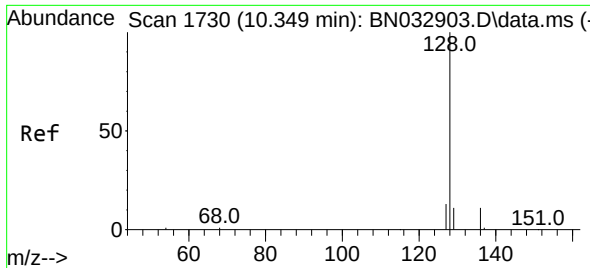
Instrument :
BNA_N
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A4BD3

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Supervised By :mohammad ahmed 07/26/2024

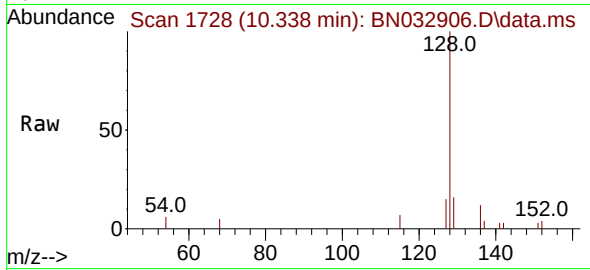
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

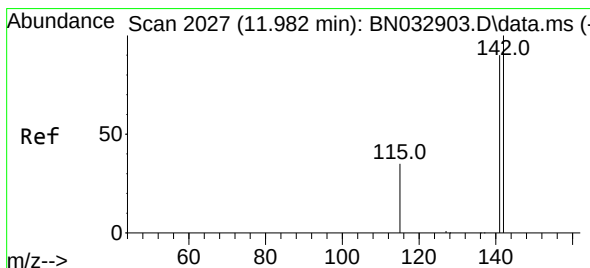
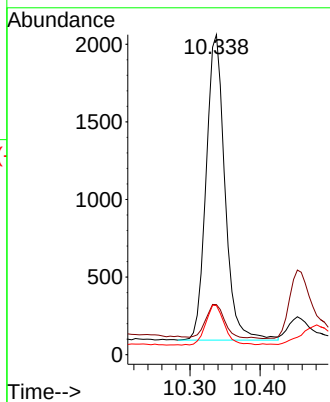
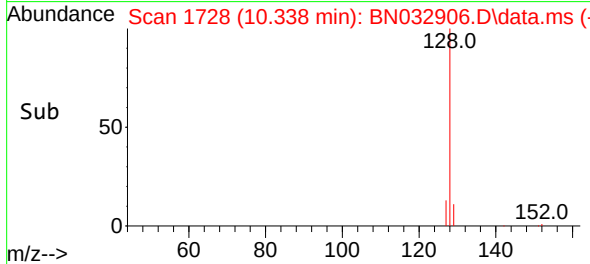
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:128 Resp: 365
Ion Ratio Lower Upper
128 100
129 15.7 10.0 15.0
127 15.3 11.6 17.4

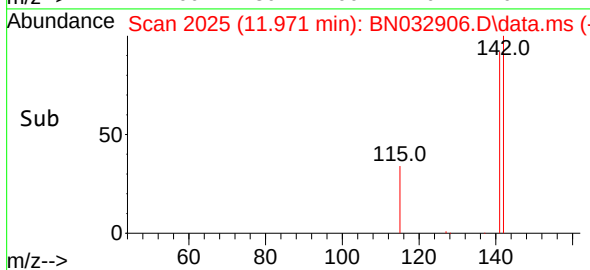
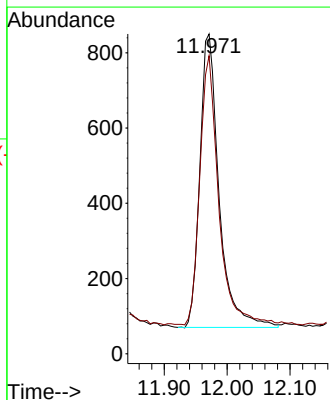
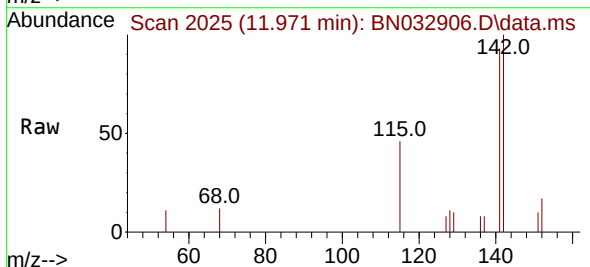
Manual Integrations
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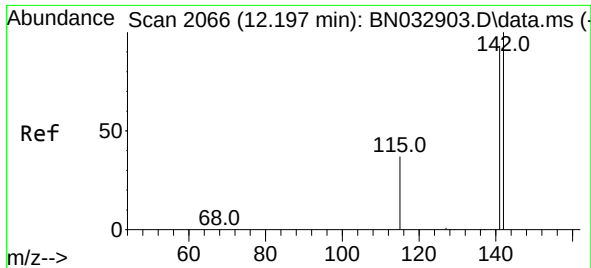
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

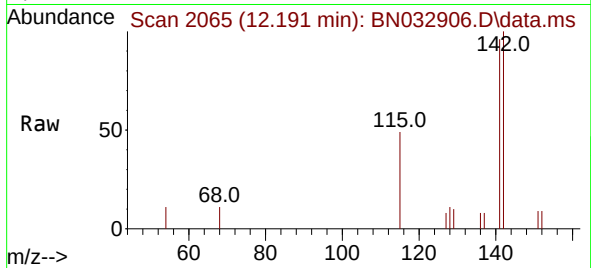
Tgt Ion:142 Resp: 1654
Ion Ratio Lower Upper
142 100
141 90.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.021 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

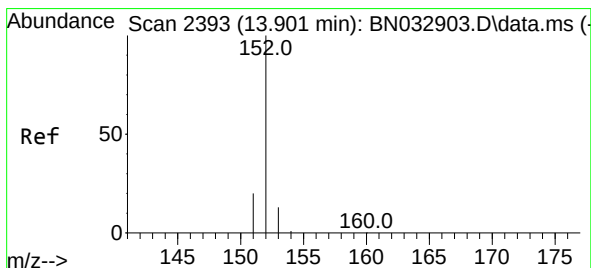
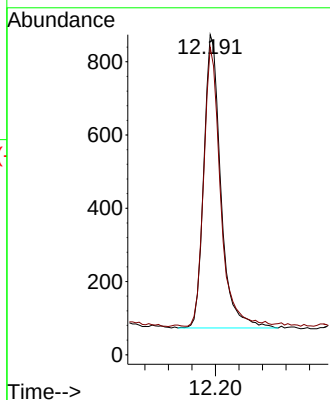
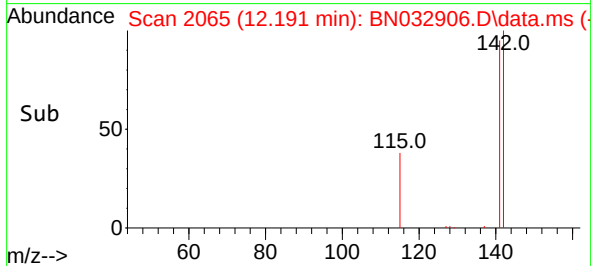
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:142 Resp: 160
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4

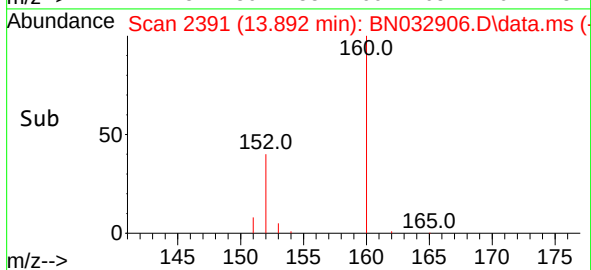
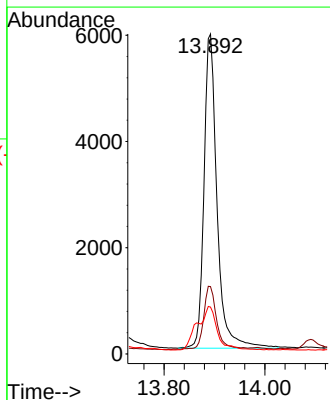
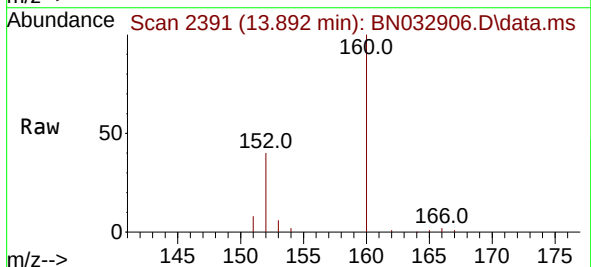
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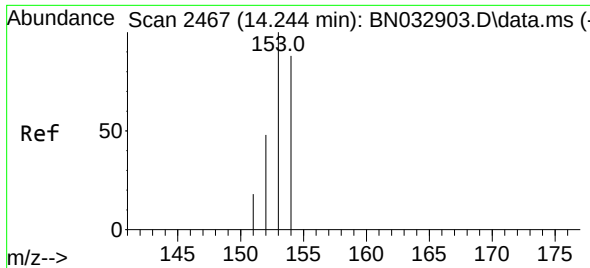
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.218 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

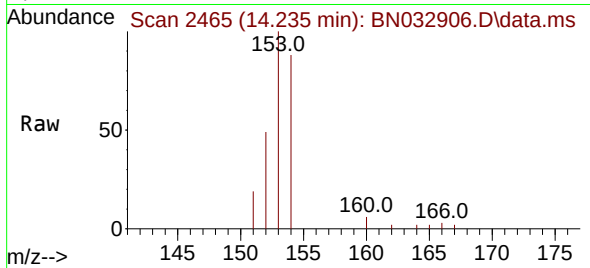
Tgt Ion:152 Resp: 10621
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.7 11.3 16.9





#11
Acenaphthene
Concen: 0.173 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

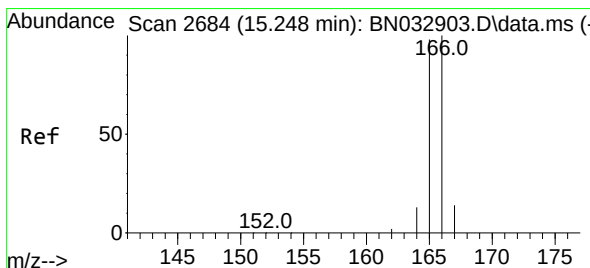
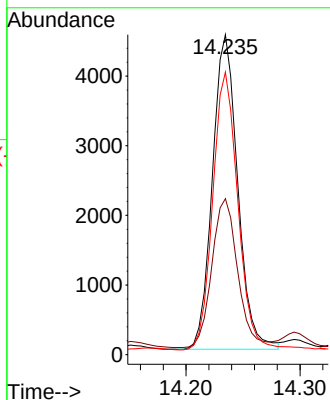
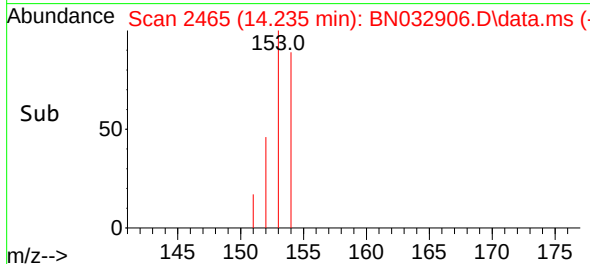
Instrument :
BNA_N
ClientSampleId :
A4BD3



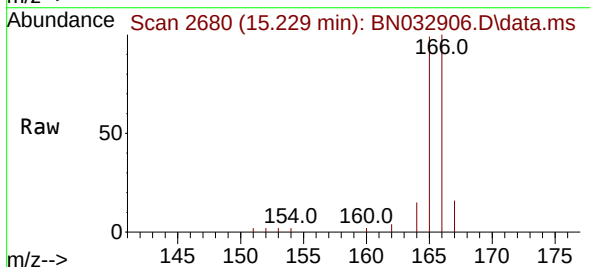
Tgt Ion:153 Resp: 6964
Ion Ratio Lower Upper
153 100
152 48.7 40.0 60.0
154 88.3 70.2 105.4

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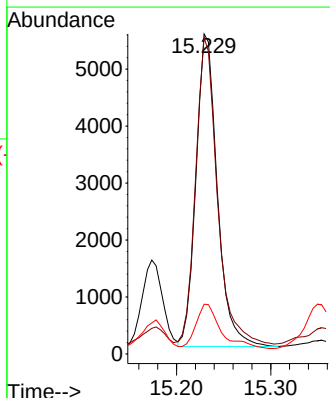
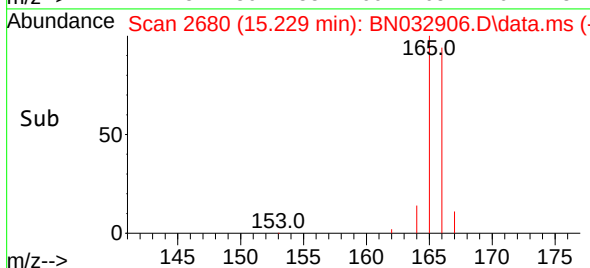
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Supervised By :mohammad ahmed 07/26/2024

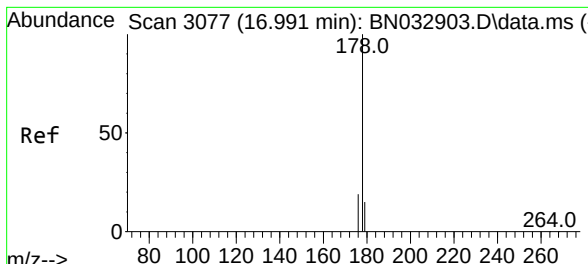


#12
Fluorene
Concen: 0.187 ng/ul
RT: 15.229 min Scan# 2680
Delta R.T. -0.031 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18



Tgt Ion:166 Resp: 8632
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 15.5 11.4 17.2





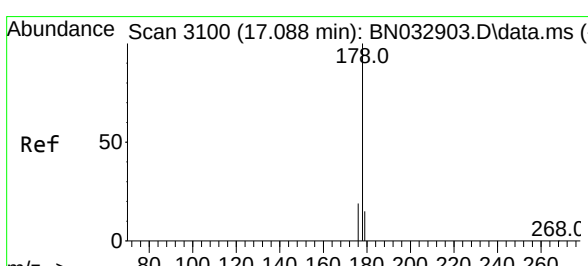
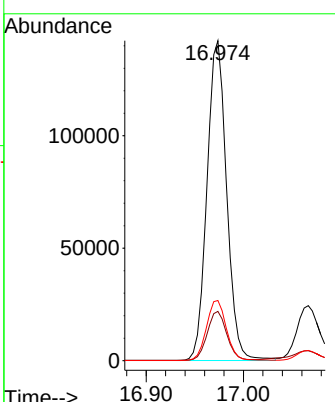
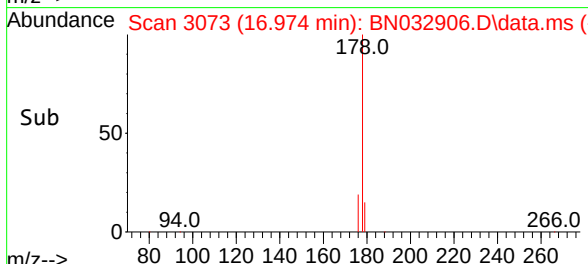
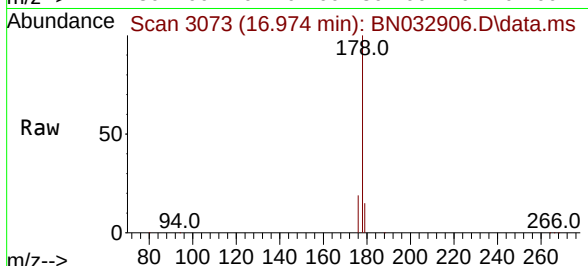
#15
 Phenanthrene
 Concen: 3.636 ng/ul m
 RT: 16.974 min Scan# 3073
 Delta R.T. -0.028 min
 Lab File: BN032906.D
 Acq: 23 Jul 2024 12:18

Instrument :
 BNA_N
 ClientSampleId :
 A4BD3

Tgt Ion:	178	Resp:	19985
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.0	19.4
176	18.8	15.6	23.4

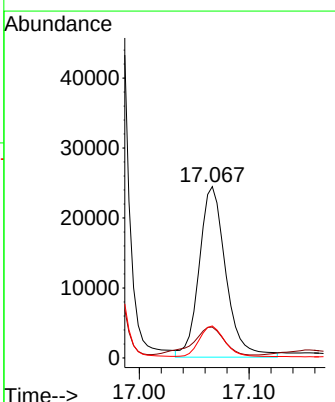
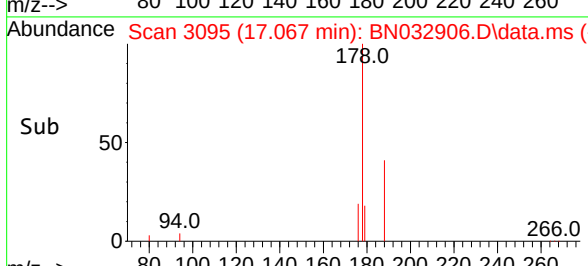
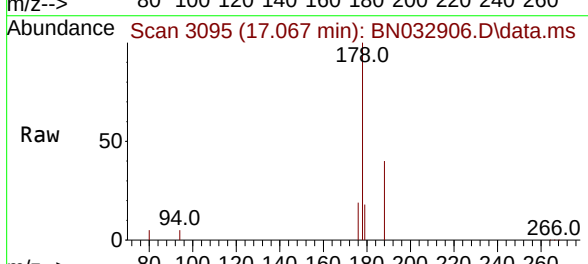
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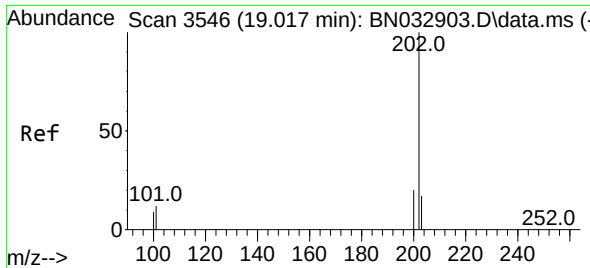
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#16
 Anthracene
 Concen: 0.917 ng/ul m
 RT: 17.067 min Scan# 3095
 Delta R.T. -0.032 min
 Lab File: BN032906.D
 Acq: 23 Jul 2024 12:18

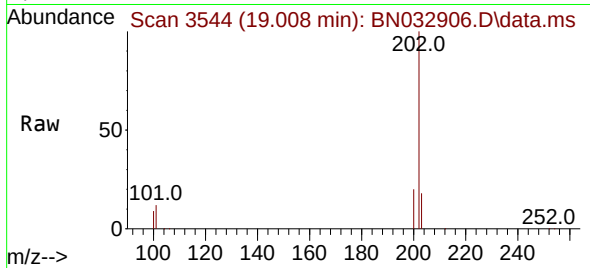
Tgt Ion:	178	Resp:	41172
Ion Ratio	Lower	Upper	
178	100		
179	18.0	13.4	20.2
176	18.7	15.4	23.0





#19
Fluoranthene
Concen: 6.915 ng/u1
RT: 19.008 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

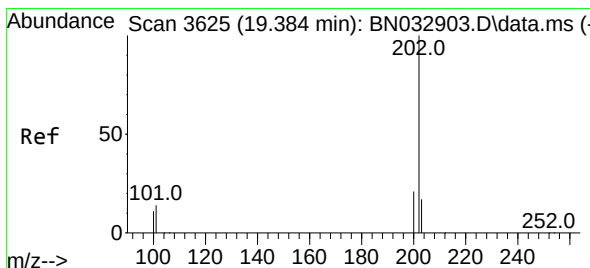
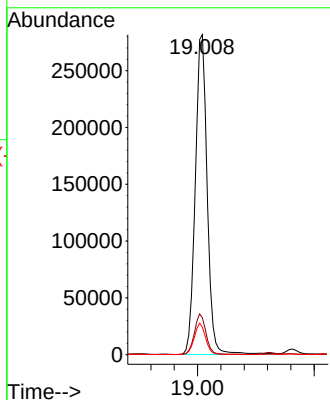
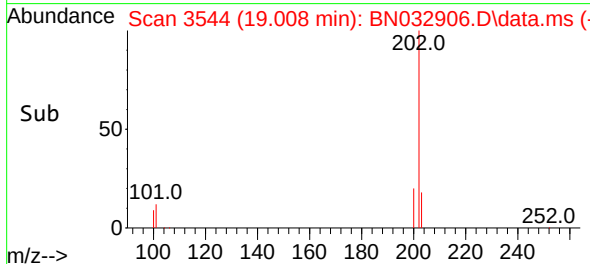
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:202 Resp: 399502
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.6 7.9 11.9

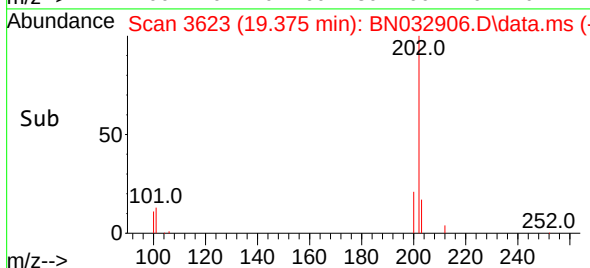
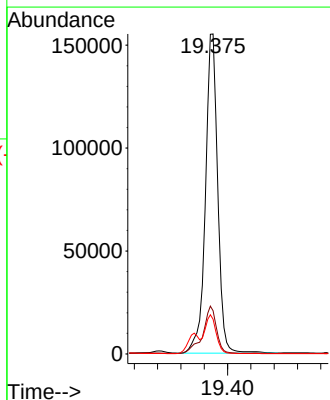
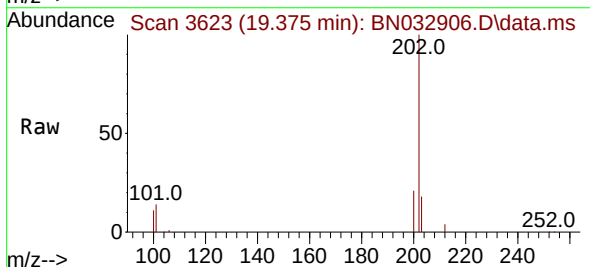
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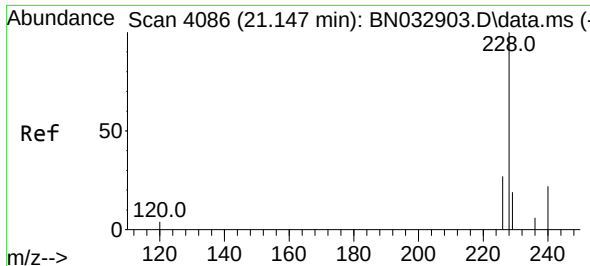
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 3.818 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

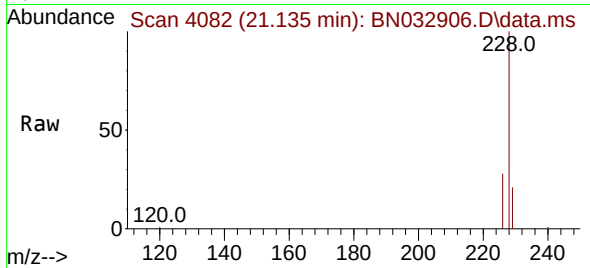
Tgt Ion:202 Resp: 228316
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.632 ng/ul
RT: 21.135 min Scan# 4086
Delta R.T. -0.015 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

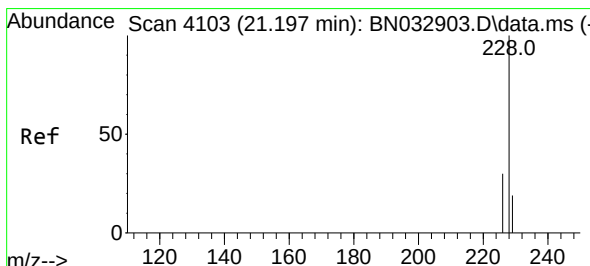
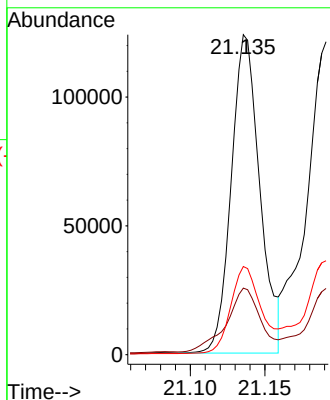
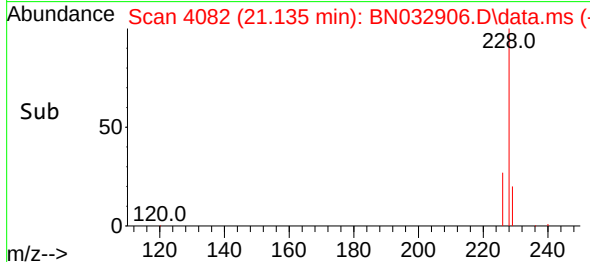
Instrument :
BNA_N
ClientSampleId :
A4BD3



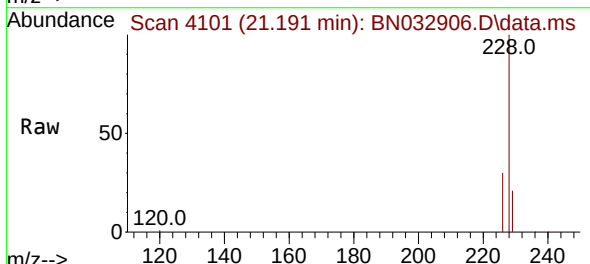
Tgt Ion:228 Resp: 16429
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 27.5 21.9 32.9

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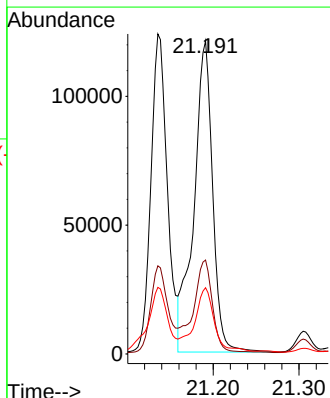
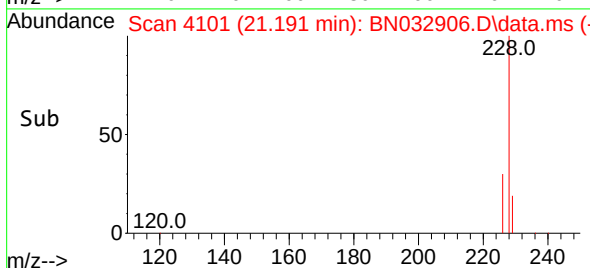
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

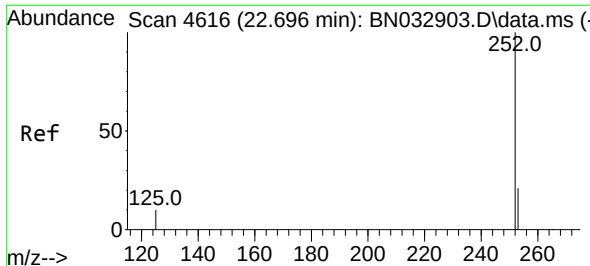


#22
Chrysene
Concen: 2.797 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18



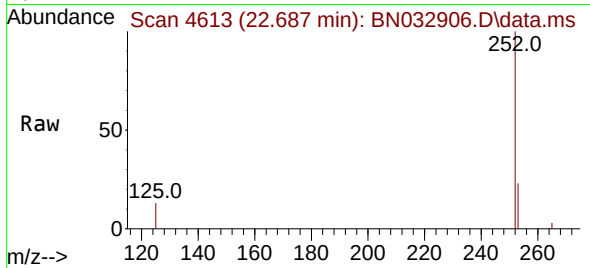
Tgt Ion:228 Resp: 183026
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 21.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.524 ng/ul m
RT: 22.687 min Scan# 4616
Delta R.T. -0.012 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

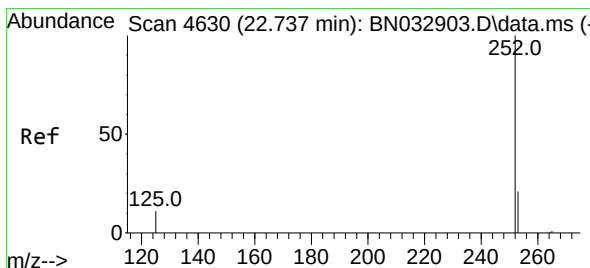
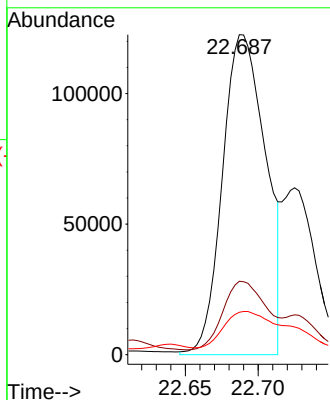
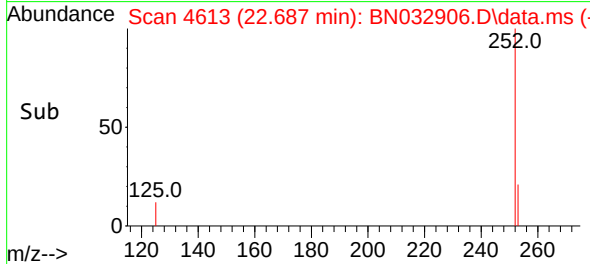
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:252 Resp: 252618
Ion Ratio Lower Upper
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253 22.9 0.0 54.0
125 13.3 0.0 36.0

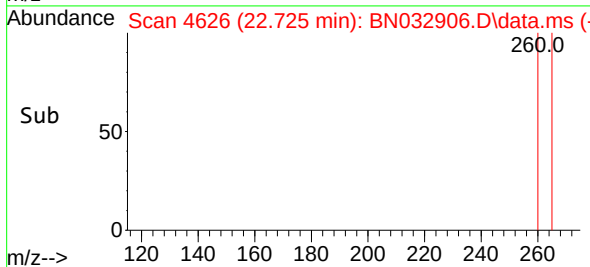
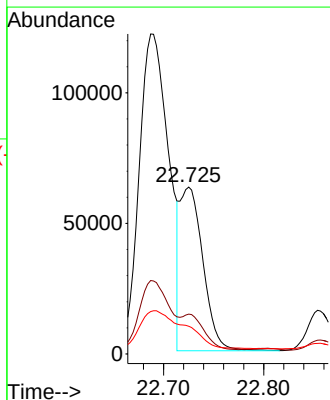
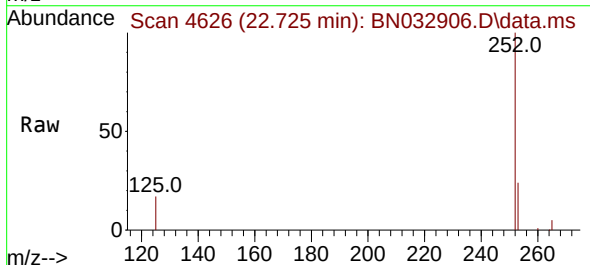
Manual Integrations
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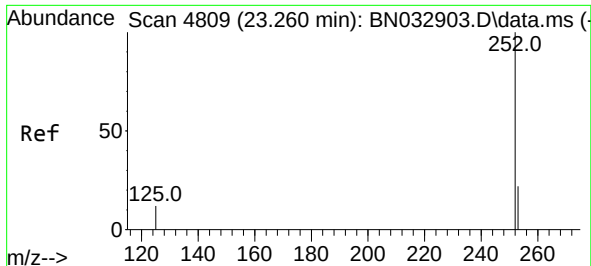
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 1.473 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

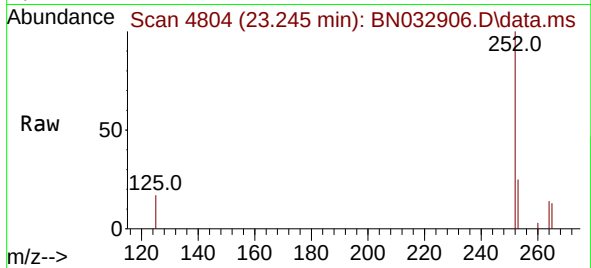
Tgt Ion:252 Resp: 100233
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 16.6 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.436 ng/ul
RT: 23.245 min Scan# 4809
Delta R.T. -0.018 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18

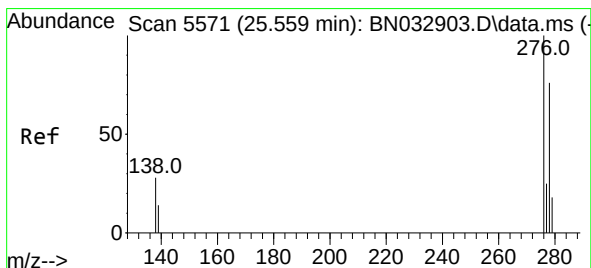
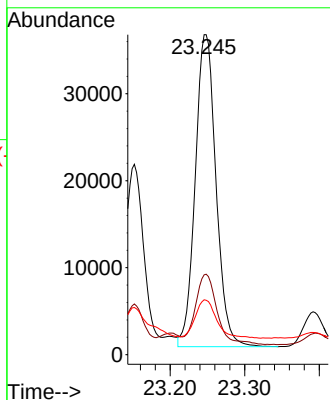
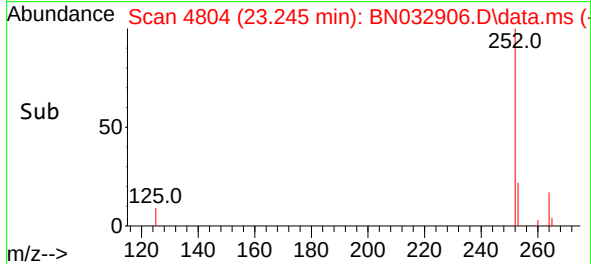
Instrument :
BNA_N
ClientSampleId :
A4BD3



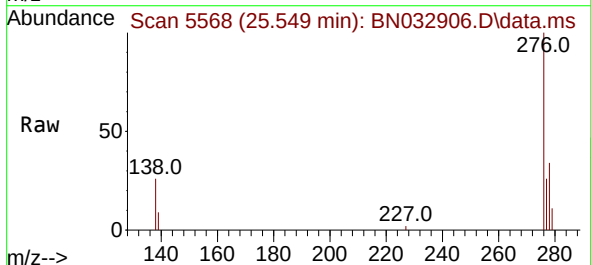
Tgt Ion:252 Resp: 69370
Ion Ratio Lower Upper
252 100
253 24.9 25.4 38.0
125 17.1 20.6 30.8

Manual Integrations
APPROVED

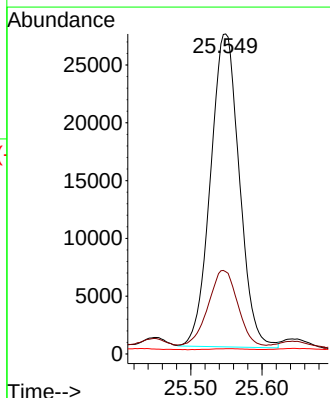
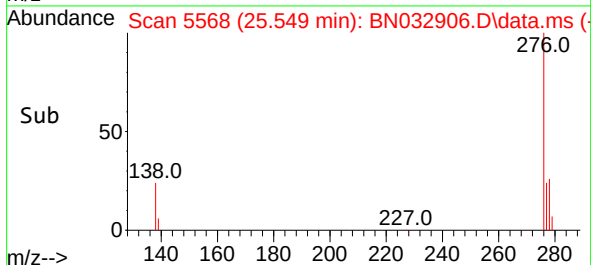
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

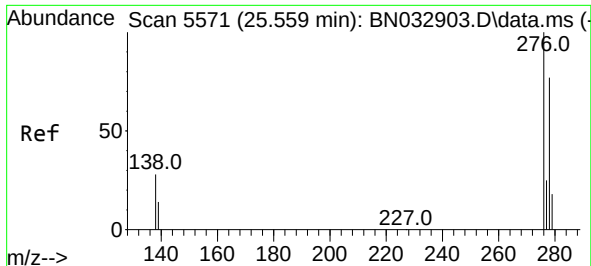


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.168 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032906.D
Acq: 23 Jul 2024 12:18



Tgt Ion:276 Resp: 76402
Ion Ratio Lower Upper
276 100
138 25.0 21.6 32.4
227 0.4 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.615 ng/ul

RT: 25.542 min Scan# 5566

Delta R.T. -0.027 min

Lab File: BN032906.D

Acq: 23 Jul 2024 12:18

Instrument :

BNA_N

ClientSampleId :

A4BD3

Tgt Ion:278 Resp: 3118

Ion Ratio Lower Upper

278 100

139 26.4 16.6 24.8

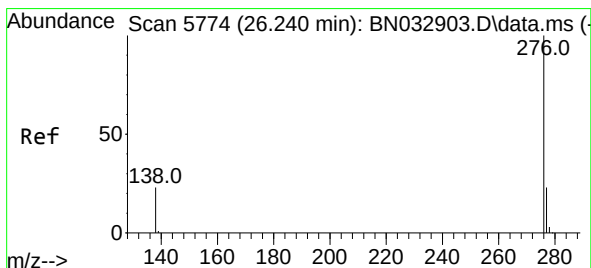
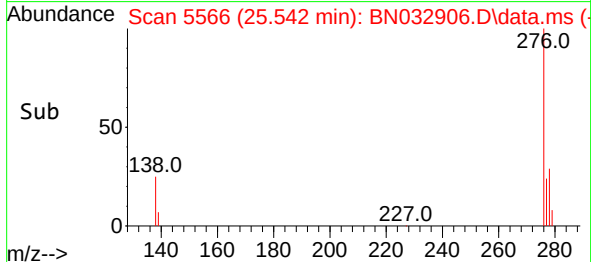
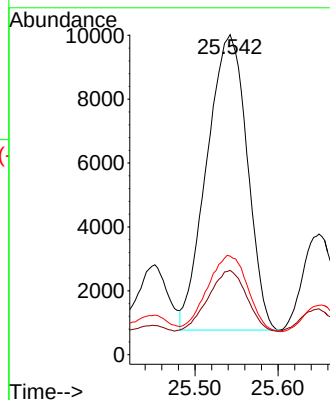
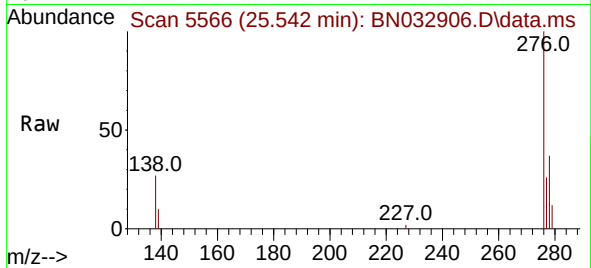
279 30.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/26/2024



#29

Benzo(g,h,i)perylene

Concen: 0.196 ng/ul

RT: 26.233 min Scan# 5772

Delta R.T. -0.017 min

Lab File: BN032906.D

Acq: 23 Jul 2024 12:18

Tgt Ion:276 Resp: 10717

Ion Ratio Lower Upper

276 100

138 43.6 21.0 31.4#

277 36.2 20.6 31.0#

