

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 04:26:43 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	7.523	152	4673	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	16739	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	11683	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.944	188	28416m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	15943m	0.400	ng/ul	0.00
23) Perylene-d12	23.360	264	24486m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	15873	2.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5795	0.229	ng/ul	-0.03
18) Fluoranthene-d10	18.990	212	13293m	0.256	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	94068	2.093	ng/ul	97
7) 2-Methylnaphthalene	11.966	142	39787	1.418	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	34047	1.173	ng/ul	99
10) Acenaphthylene	13.897	152	142808	3.026	ng/ul	100
11) Acenaphthene	14.239	153	162317	4.158	ng/ul	98
12) Fluorene	15.238	166	183118	4.104	ng/ul	98
14) Pentachlorophenol	16.623	266	408m	0.082	ng/ul	
15) Phenanthrene	16.986	178	2979008m	38.494	ng/ul	
16) Anthracene	17.075	178	641793m	10.151	ng/ul	
19) Fluoranthene	19.027	202	4626774m	71.378	ng/ul	
20) Pyrene	19.389	202	2930942m	43.683	ng/ul	
21) Benzo(a)anthracene	21.147	228	2044109m	40.279	ng/ul	
22) Chrysene	21.200	228	2106665m	28.696	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	2611629m	30.229	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	973176m	9.243	ng/ul	
26) Benzo(a)pyrene	23.266	252	753013m	10.072	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	775429m	7.660	ng/ul	
28) Dibenzo(a,h)anthracene	25.569	278	368019m	4.690	ng/ul	
29) Benzo(g,h,i)perylene	26.267	276	101685m	1.202	ng/ul	

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

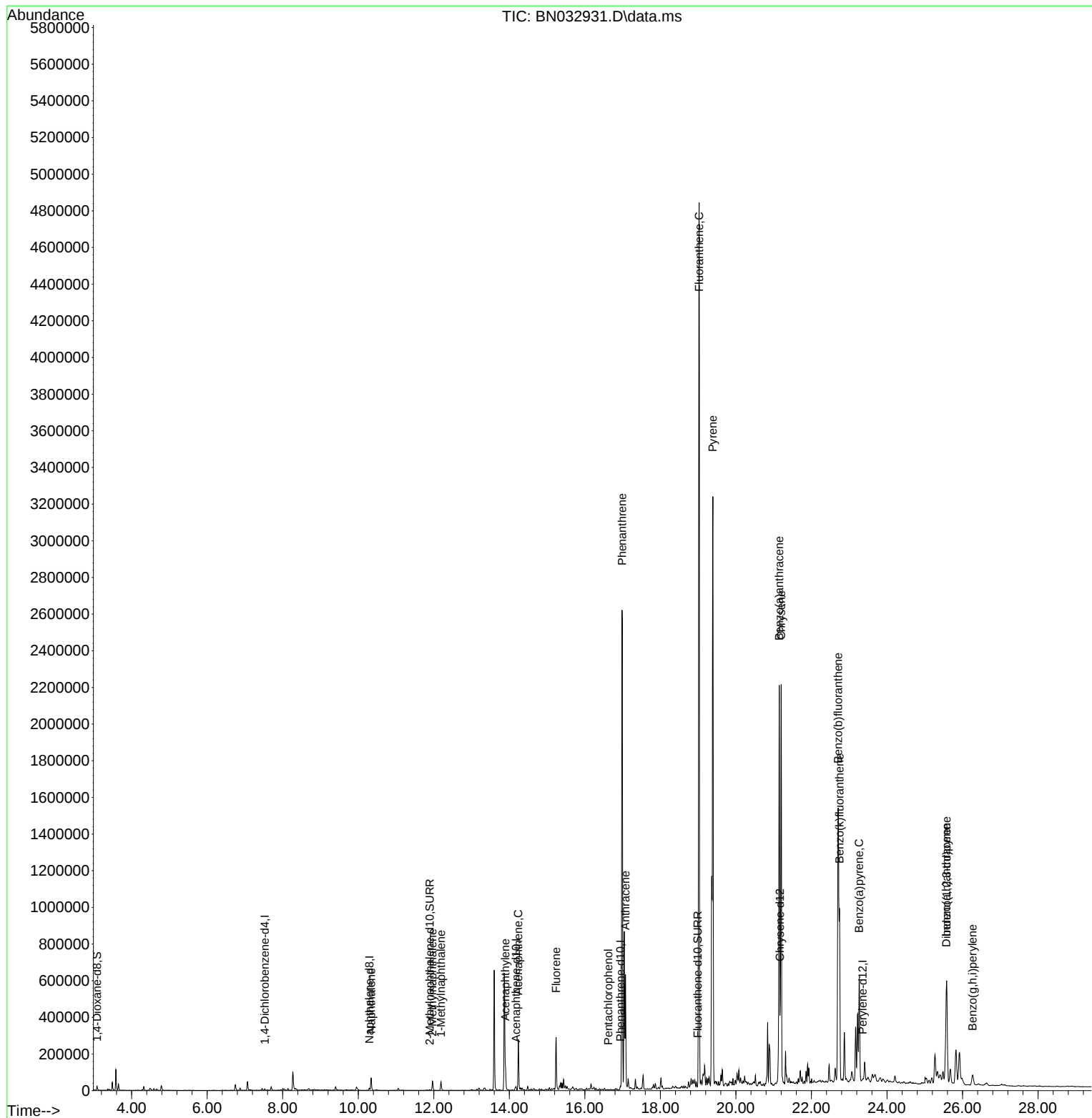
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
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ALS Vial : 41 Sample Multiplier: 1

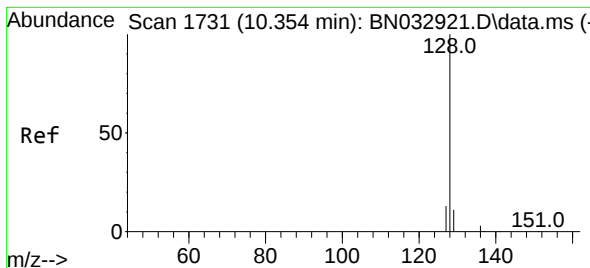
Instrument :
BNA_N
ClientSampleId :
A4C08

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

Quant Time: Jul 24 04:26:43 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





#5

Naphthalene

Concen: 2.093 ng/ul

RT: 10.343 min Scan# 1731

Delta R.T. -0.021 min

Lab File: BN032931.D

Acq: 24 Jul 2024 03:57

Instrument :

BNA_N

ClientSampleId :

A4C08

Tgt Ion:128 Resp: 94068

Ion Ratio Lower Upper

128 100

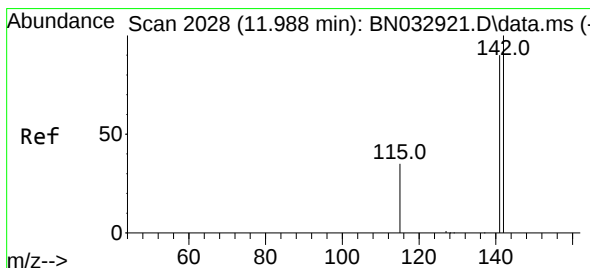
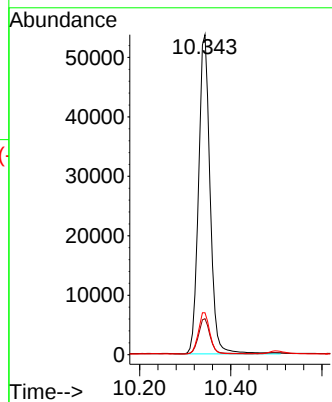
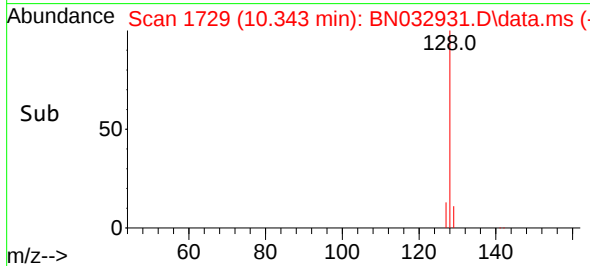
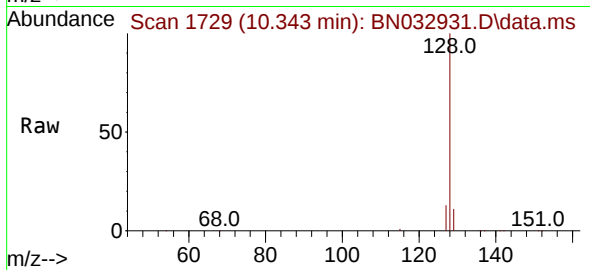
129 11.2 10.0 15.0

127 13.1 11.6 17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/26/2024



#7

2-Methylnaphthalene

Concen: 1.418 ng/ul

RT: 11.966 min Scan# 2024

Delta R.T. -0.031 min

Lab File: BN032931.D

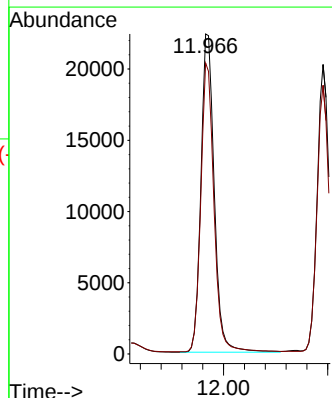
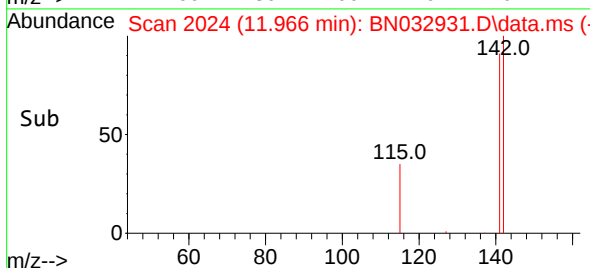
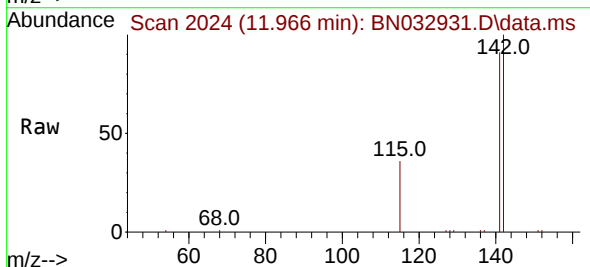
Acq: 24 Jul 2024 03:57

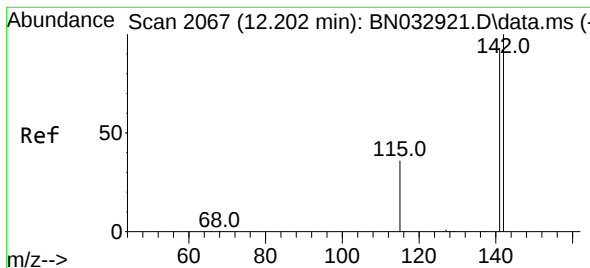
Tgt Ion:142 Resp: 39787

Ion Ratio Lower Upper

142 100

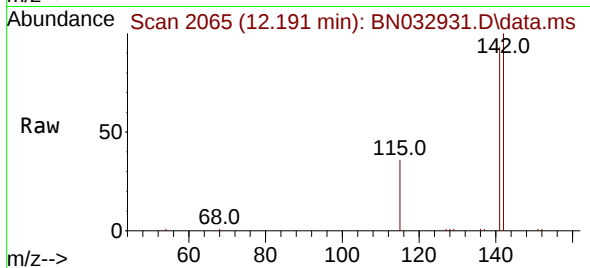
141 89.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 1.173 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.020 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

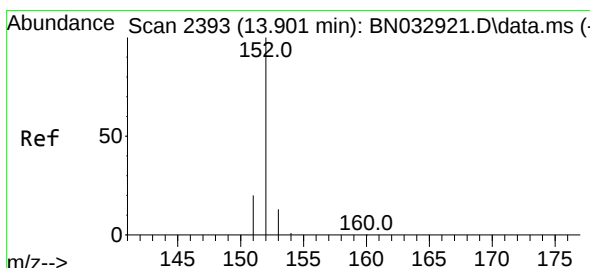
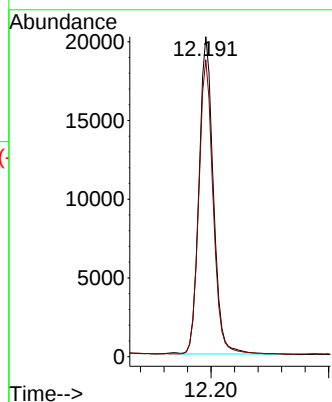
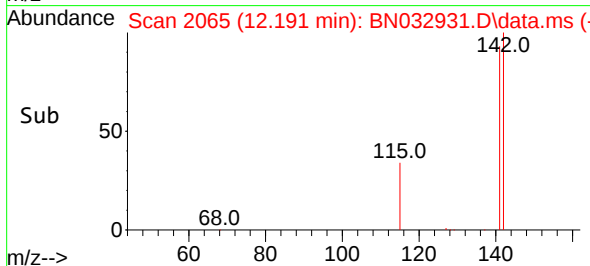
Instrument :
BNA_N
ClientSampleId :
A4C08



Tgt Ion:142 Resp: 3404
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4

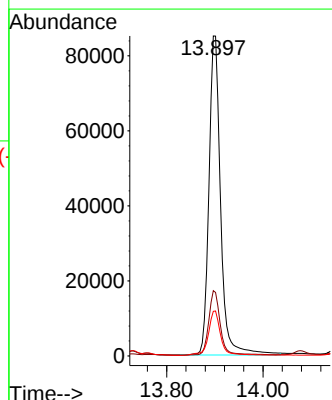
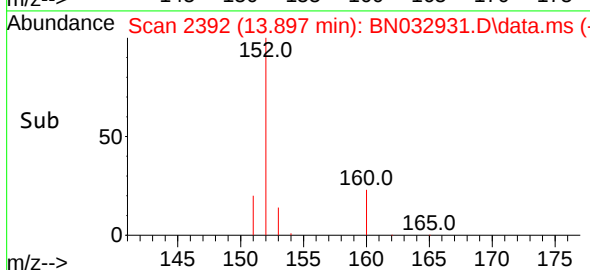
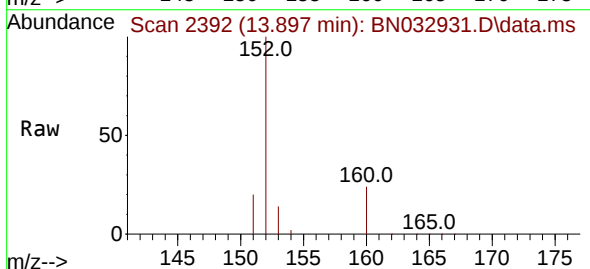
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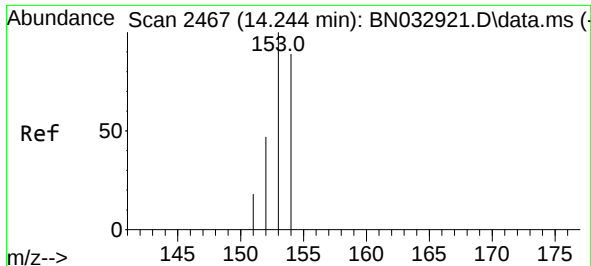
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 3.026 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

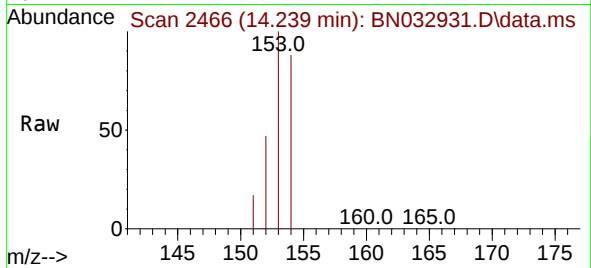
Tgt Ion:152 Resp: 142808
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 11.3 16.9





#11
Acenaphthene
Concen: 4.158 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

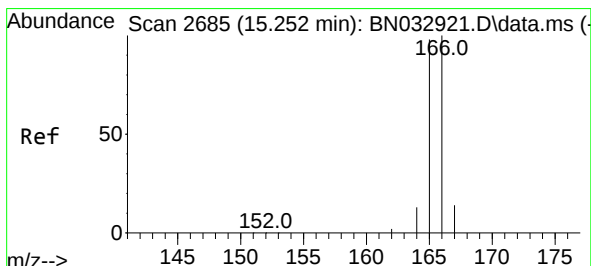
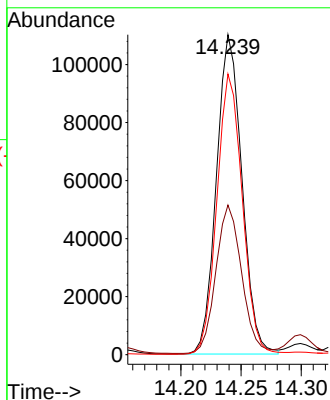
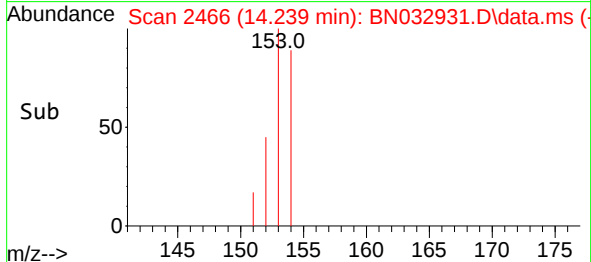
Instrument :
BNA_N
ClientSampleId :
A4C08



Tgt Ion:153 Resp: 162317
Ion Ratio Lower Upper
153 100
152 46.8 40.0 60.0
154 87.7 70.2 105.4

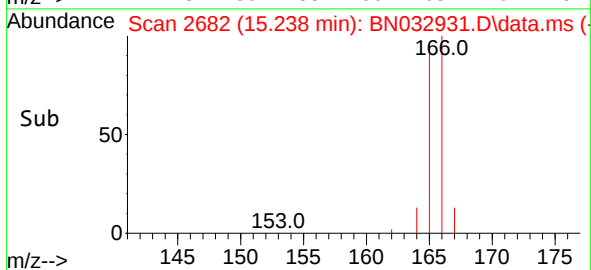
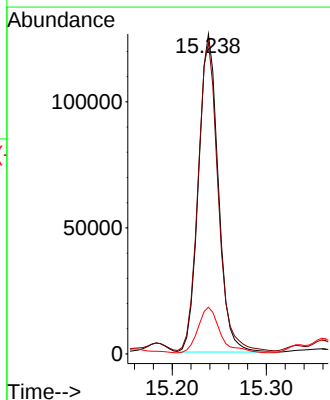
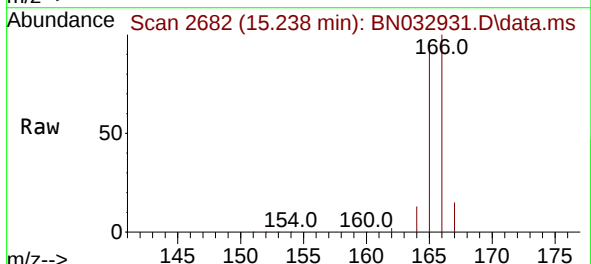
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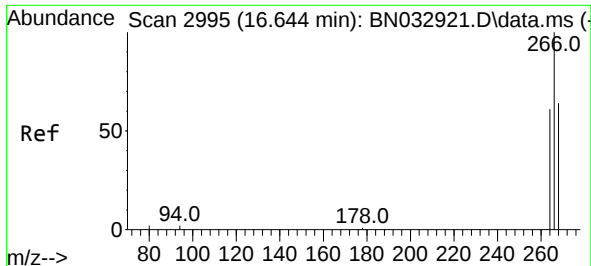
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 4.104 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

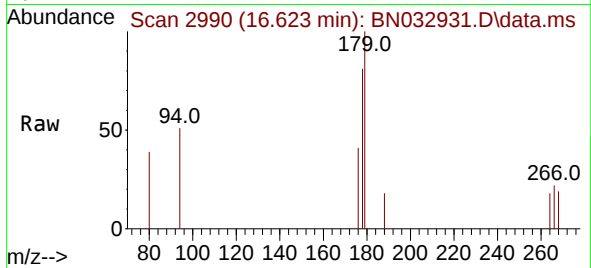
Tgt Ion:166 Resp: 183118
Ion Ratio Lower Upper
166 100
165 97.3 79.7 119.5
167 14.6 11.4 17.2





#14
Pentachlorophenol
Concen: 0.082 ng/ul m
RT: 16.623 min Scan# 2990
Delta R.T. -0.020 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

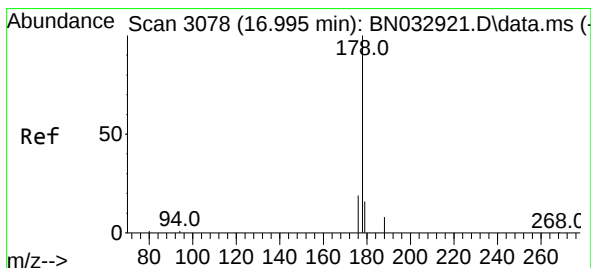
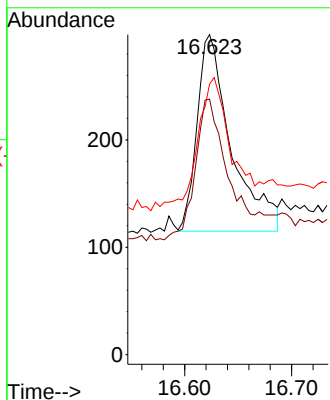
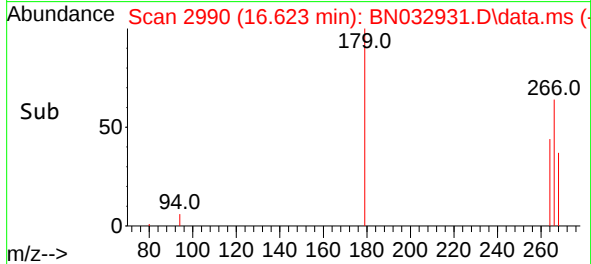
Instrument :
BNA_N
ClientSampleId :
A4C08



Tgt Ion:266 Resp: 408
Ion Ratio Lower Upper
266 100
264 1.0 49.4 74.2
268 2.0 51.6 77.4

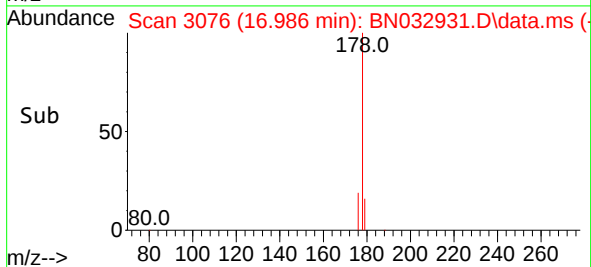
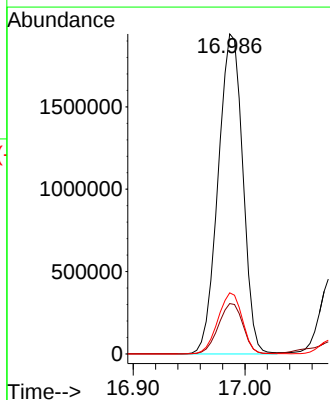
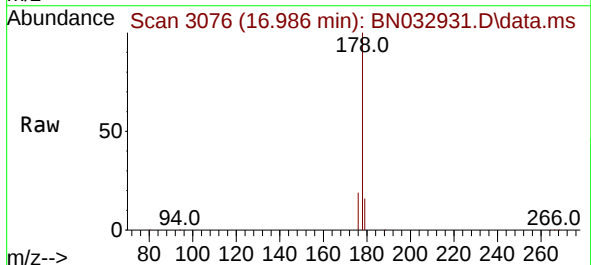
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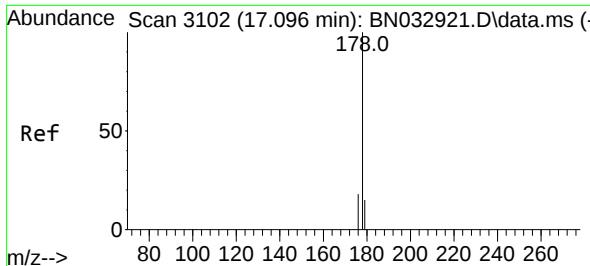
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 38.494 ng/ul m
RT: 16.986 min Scan# 3076
Delta R.T. -0.015 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

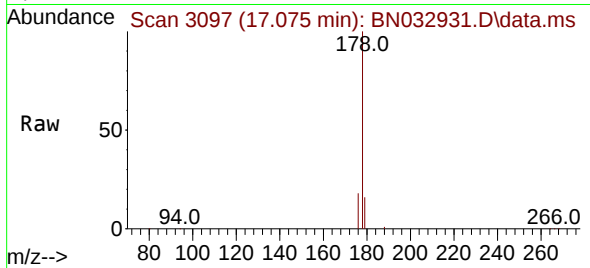
Tgt Ion:178 Resp: 2979008
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 10.151 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032931.D
 Acq: 24 Jul 2024 03:57

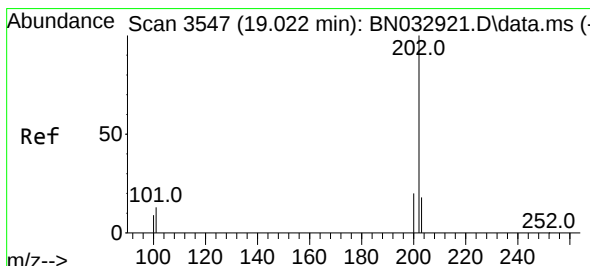
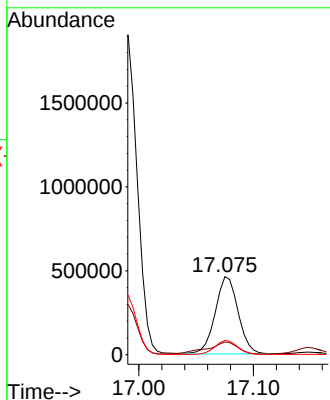
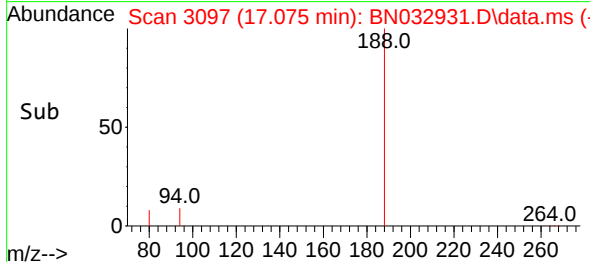
Instrument :
 BNA_N
 ClientSampleId :
 A4C08



Tgt Ion:178 Resp: 641791
 Ion Ratio Lower Upper
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 179 16.1 13.4 20.2
 176 18.3 15.4 23.0

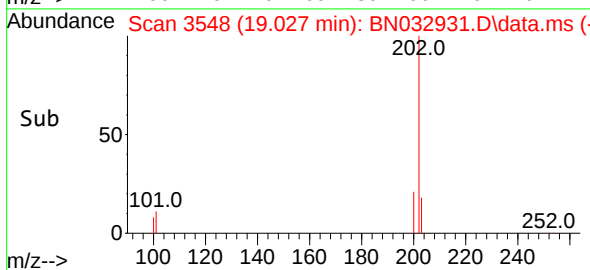
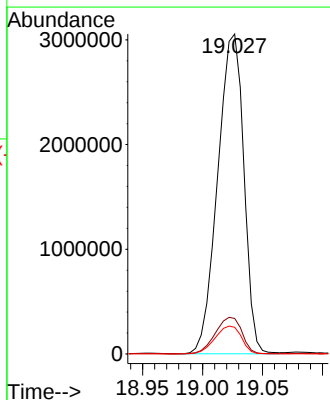
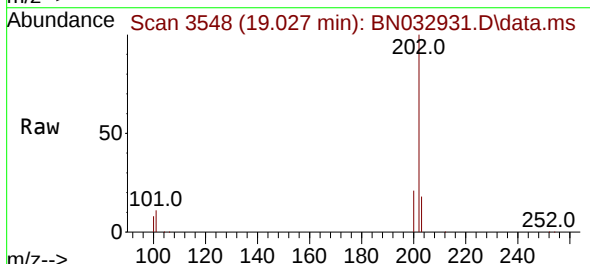
Manual Integrations
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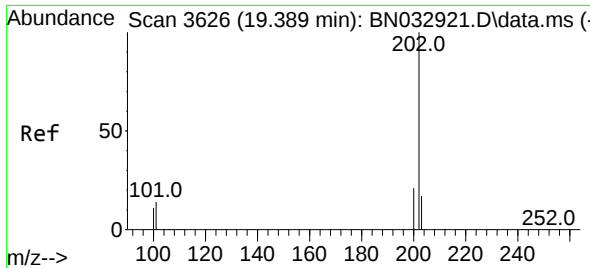
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 71.378 ng/ul m
 RT: 19.027 min Scan# 3548
 Delta R.T. 0.002 min
 Lab File: BN032931.D
 Acq: 24 Jul 2024 03:57

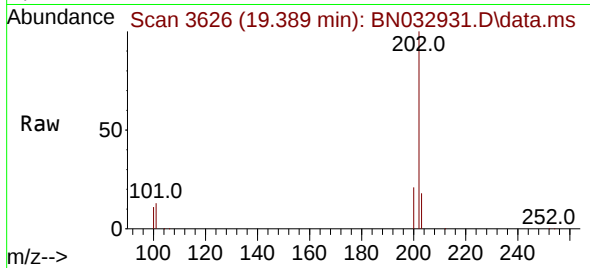
Tgt Ion:202 Resp: 4626774
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.8 14.8
 100 8.3 7.9 11.9





#20
Pyrene
Concen: 43.683 ng/ul m
RT: 19.389 min Scan# 3626
Delta R.T. -0.003 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

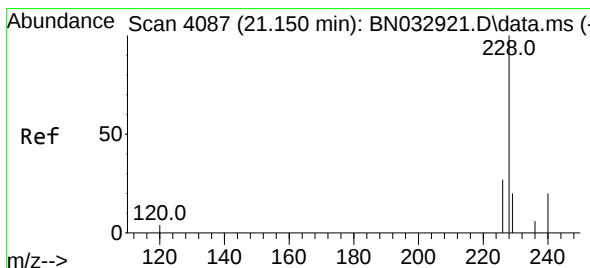
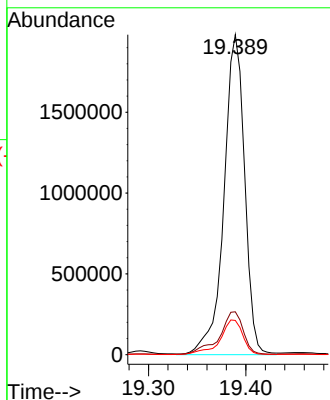
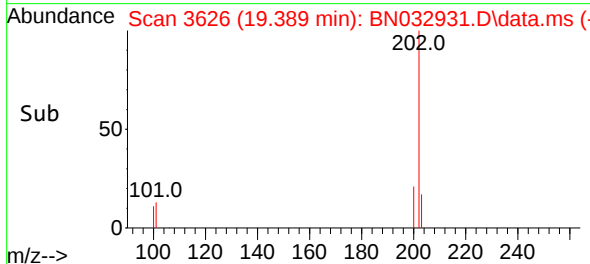
Instrument :
BNA_N
ClientSampleId :
A4C08



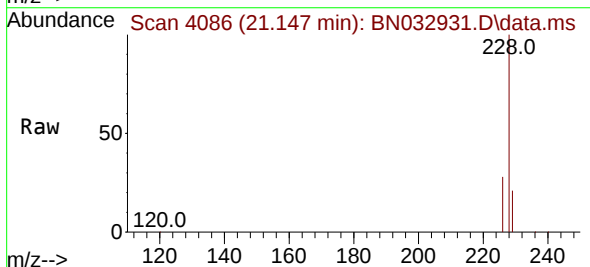
Tgt Ion:202 Resp: 293094
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.7 9.6 14.4

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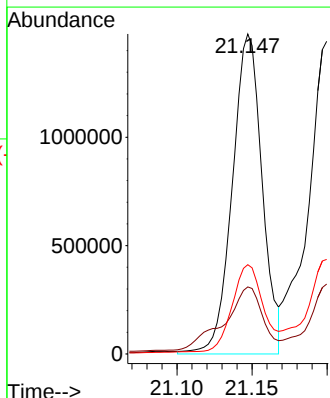
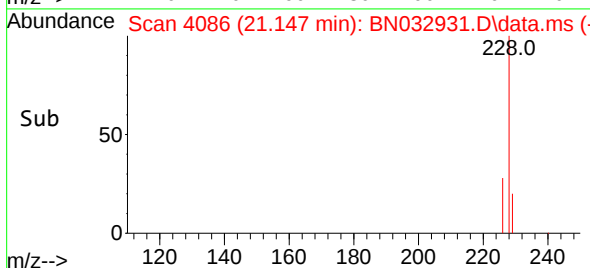
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

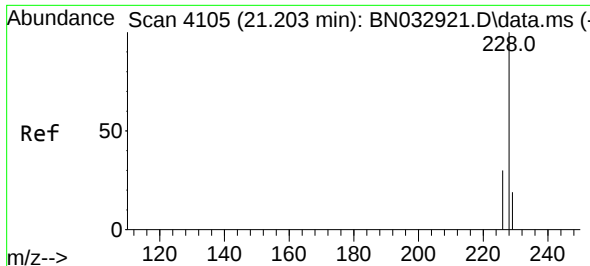


#21
Benzo(a)anthracene
Concen: 40.279 ng/ul m
RT: 21.147 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57



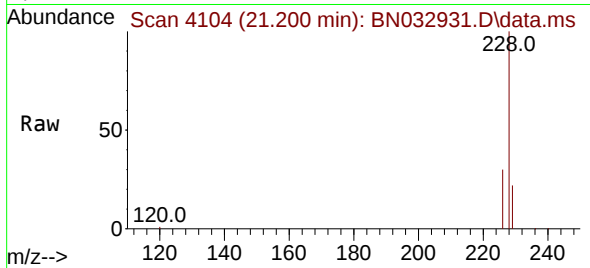
Tgt Ion:228 Resp: 2044109
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.9 21.9 32.9





#22
Chrysene
Concen: 28.696 ng/ul m
RT: 21.200 min Scan# 4105
Delta R.T. -0.003 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

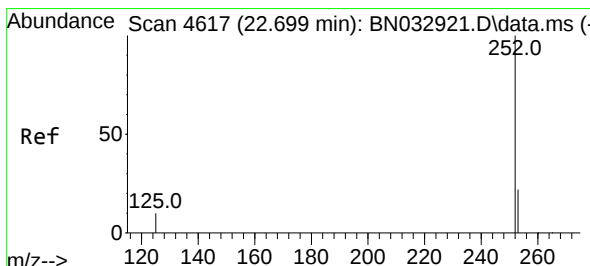
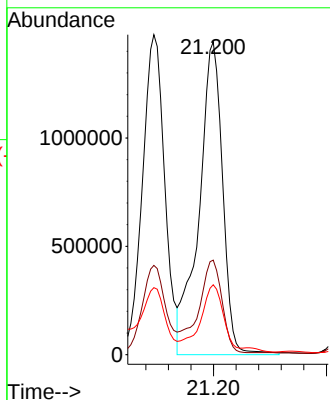
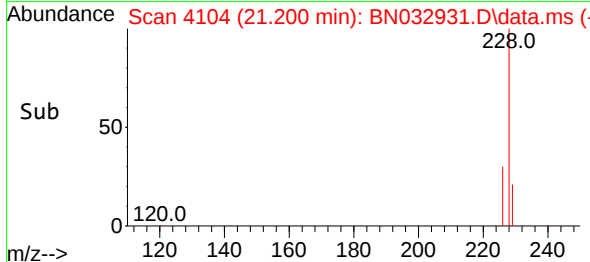
Instrument :
BNA_N
ClientSampleId :
A4C08



Tgt Ion:228 Resp: 210666
Ion Ratio Lower Upper
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226 30.3 24.0 36.0
229 22.4 15.8 23.6

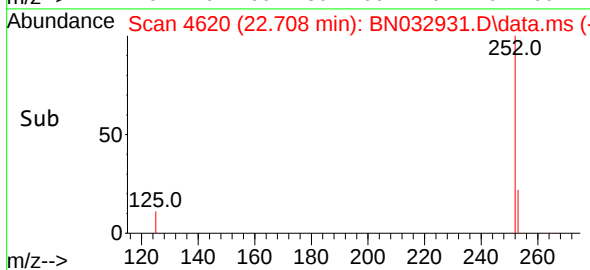
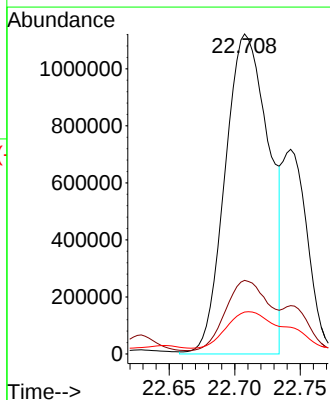
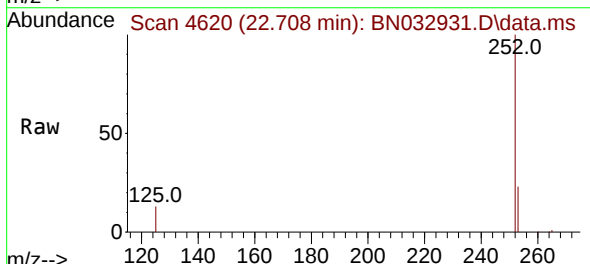
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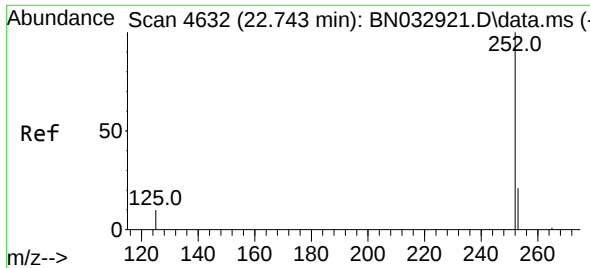
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 30.229 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. 0.009 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

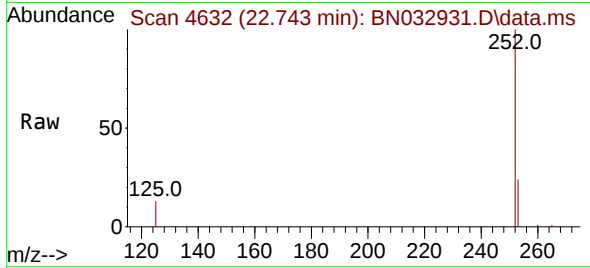
Tgt Ion:252 Resp: 2611629
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 13.1 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 9.243 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. 0.003 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

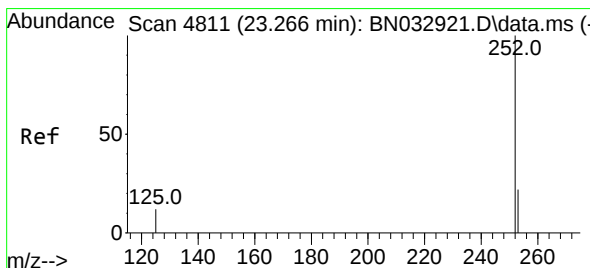
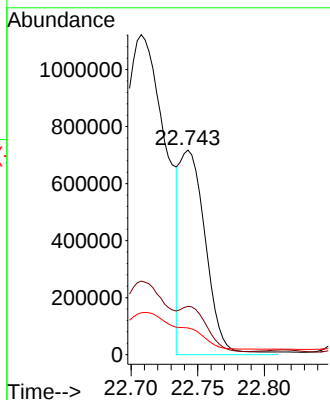
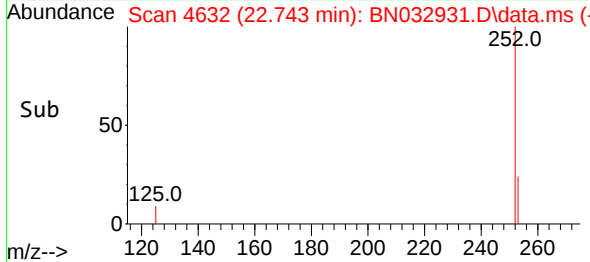
Instrument :
BNA_N
ClientSampleId :
A4C08



Tgt Ion:252 Resp: 973170
Ion Ratio Lower Upper
252 100
253 23.6 21.2 31.8
125 13.1 14.8 22.2

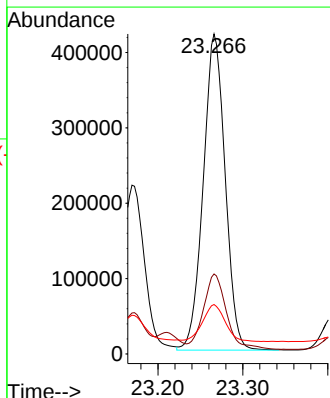
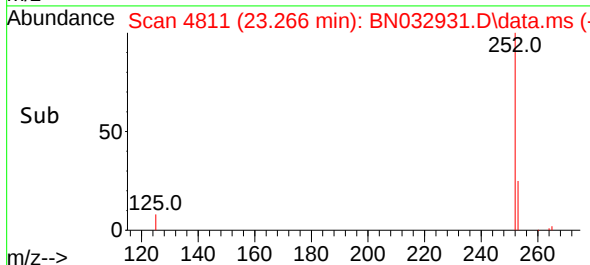
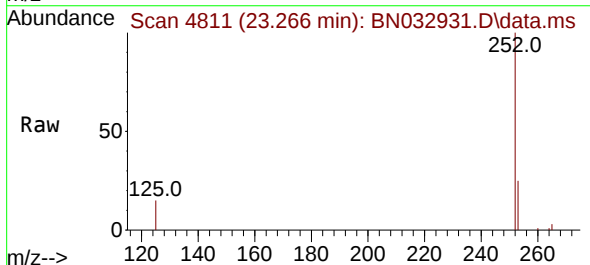
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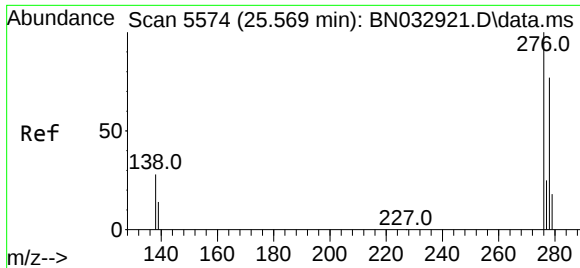
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 10.072 ng/ul m
RT: 23.266 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN032931.D
Acq: 24 Jul 2024 03:57

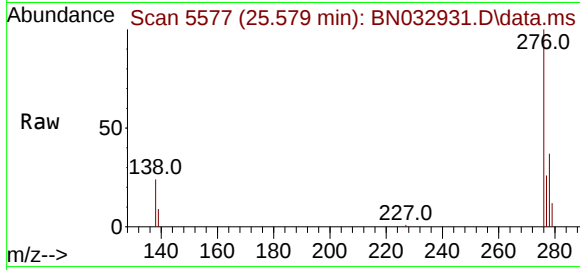
Tgt Ion:252 Resp: 753013
Ion Ratio Lower Upper
252 100
253 25.0 25.4 38.0#
125 15.4 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.660 ng/ul m
 RT: 25.579 min Scan# 5577
 Delta R.T. 0.010 min
 Lab File: BN032931.D
 Acq: 24 Jul 2024 03:57

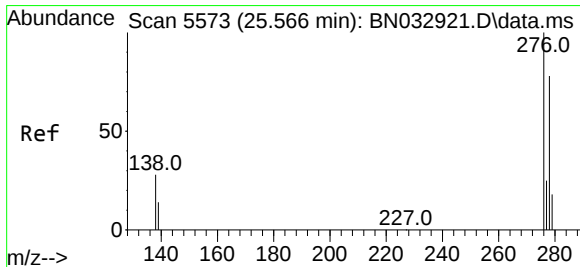
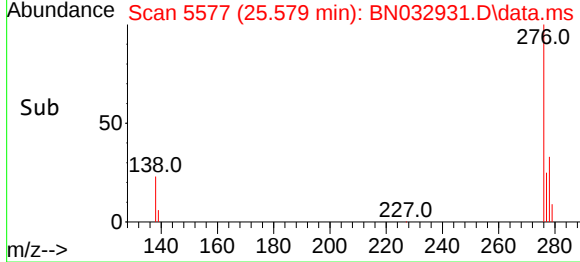
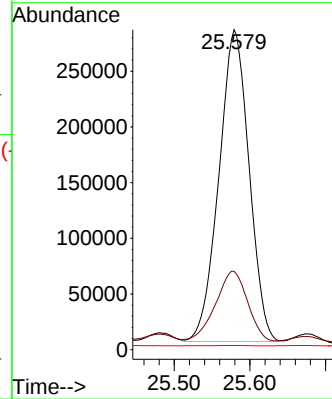
Instrument :
 BNA_N
 ClientSampleId :
 A4C08



Tgt Ion:276 Resp: 775429
 Ion Ratio Lower Upper
 276 100
 138 5.2 21.6 32.4
 227 0.0 0.0 0.0

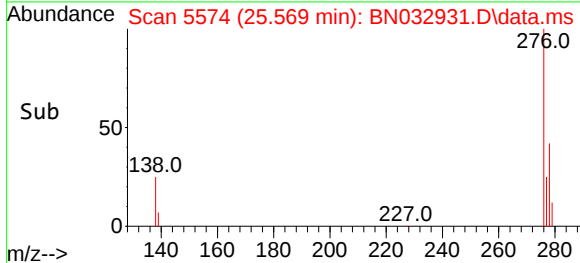
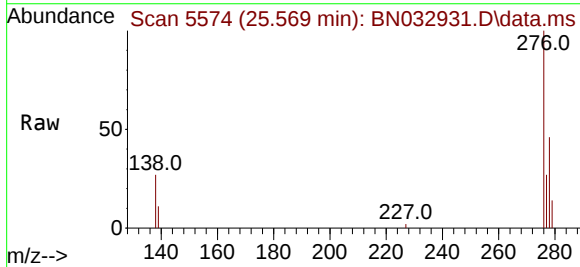
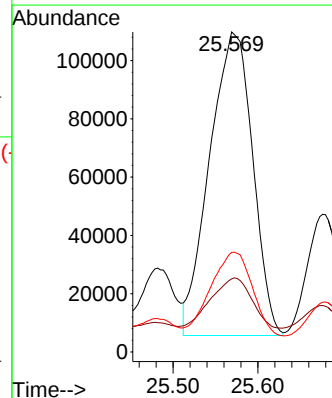
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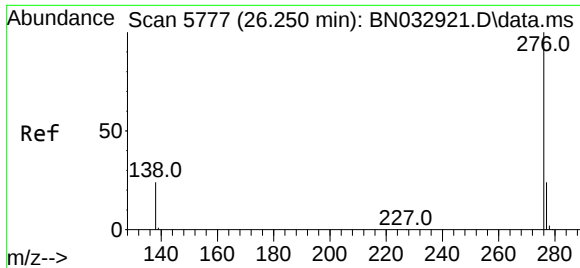
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 4.690 ng/ul m
 RT: 25.569 min Scan# 5574
 Delta R.T. -0.000 min
 Lab File: BN032931.D
 Acq: 24 Jul 2024 03:57

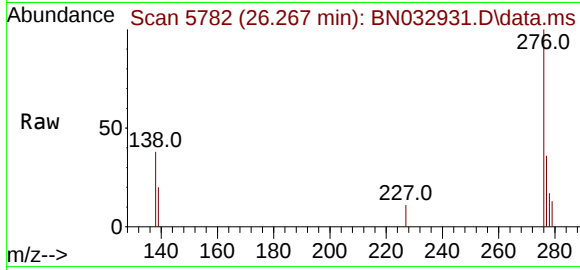
Tgt Ion:278 Resp: 368019
 Ion Ratio Lower Upper
 278 100
 139 22.9 16.6 24.8
 279 31.1 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.202 ng/ul m
 RT: 26.267 min Scan# 5
 Delta R.T. 0.017 min
 Lab File: BN032931.D
 Acq: 24 Jul 2024 03:57

Instrument :
 BNA_N
 ClientSampleId :
 A4C08



Tgt Ion:276 Resp: 10168
 Ion Ratio Lower Upper
 276 100
 138 37.6 21.0 31.4
 277 36.1 20.6 31.0

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

