

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032866.D
 Acq On : 20 Jul 2024 06:50
 Operator : MA/JU
 Sample : P3238-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 21 22:42:51 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	5680	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	18521	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	10298	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	18068m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	12886m	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	15868m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	18013	2.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5188	0.185	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	8223m	0.196	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	26755	0.538	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	8622	0.278	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	6675	0.208	ng/ul	99
10) Acenaphthylene	13.897	152	16938	0.407	ng/ul	98
11) Acenaphthene	14.239	153	42487	1.235	ng/ul	99
12) Fluorene	15.239	166	42432	1.079	ng/ul	98
15) Phenanthrene	16.978	178	679105m	13.801	ng/ul	
16) Anthracene	17.071	178	113471m	2.823	ng/ul	
19) Fluoranthene	19.013	202	961813m	18.358	ng/ul	
20) Pyrene	19.380	202	674687m	12.441	ng/ul	
21) Benzo(a)anthracene	21.138	228	401990m	9.800	ng/ul	
22) Chrysene	21.191	228	439651m	7.409	ng/ul	
24) Benzo(b)fluoranthene	22.693	252	563765m	10.069	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	207608m	3.043	ng/ul	
26) Benzo(a)pyrene	23.251	252	229137m	4.729	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	200918m	3.062	ng/ul	
28) Dibenzo(a,h)anthracene	25.546	278	70843m	1.393	ng/ul	
29) Benzo(g,h,i)perylene	26.233	276	30762m	0.561	ng/ul	

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

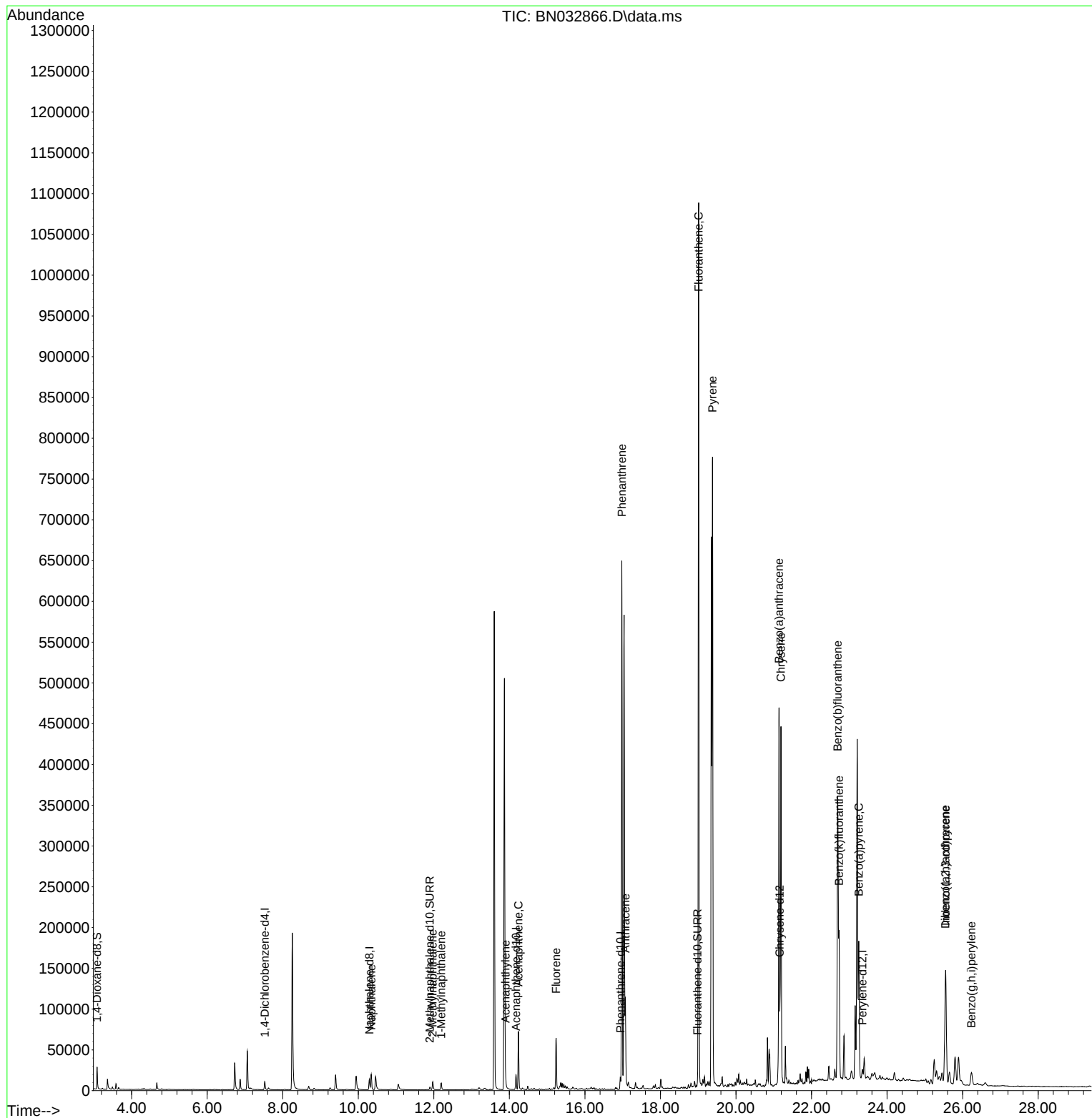
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032866.D
Acq On : 20 Jul 2024 06:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

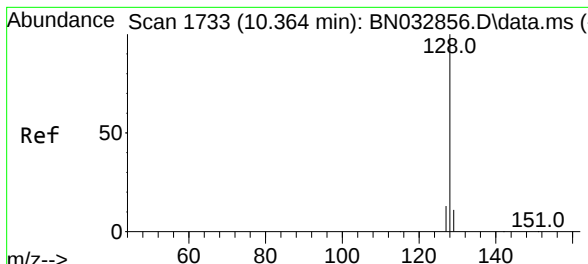
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Supervised By :mohammad ahmed 07/22/2024

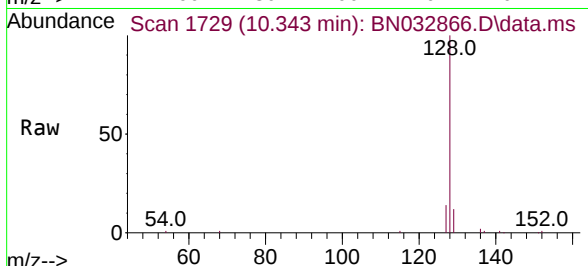
Quant Time: Jul 21 22:42:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.538 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

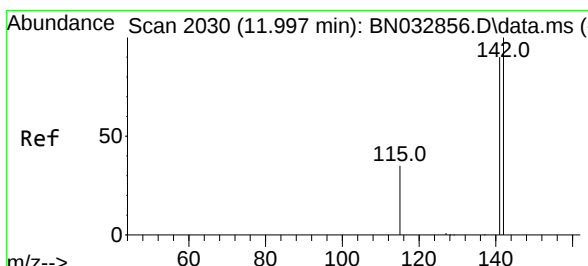
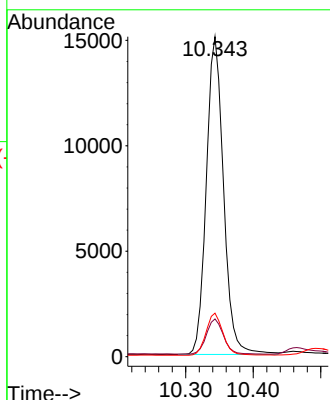
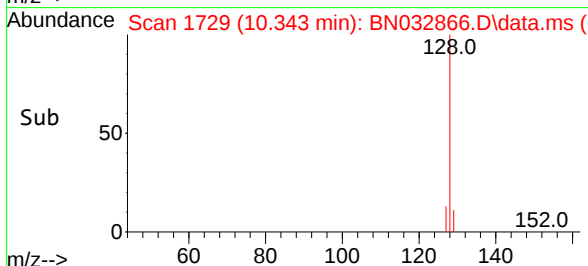
Instrument :
BNA_N
ClientSampleId :
A4BE9



Tgt Ion:128 Resp: 2675
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.6 11.6 17.4

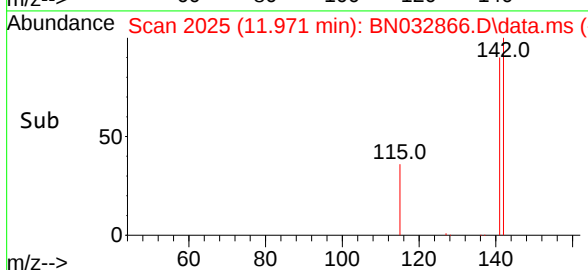
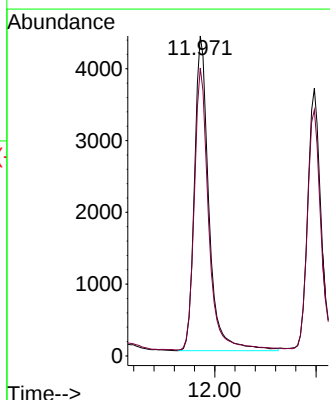
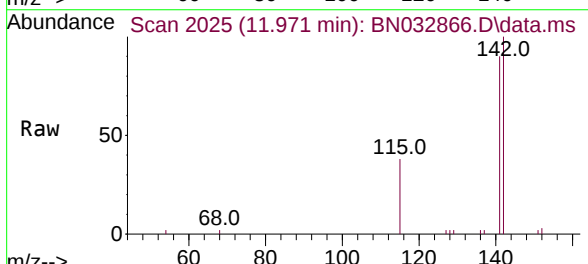
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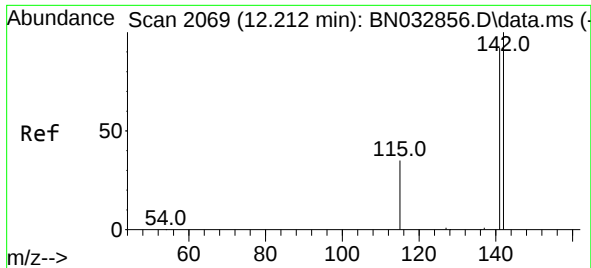
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

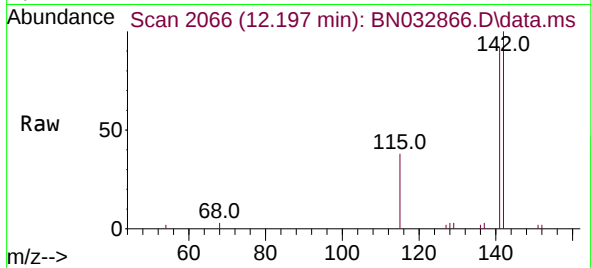
Tgt Ion:142 Resp: 8622
Ion Ratio Lower Upper
142 100
141 89.4 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

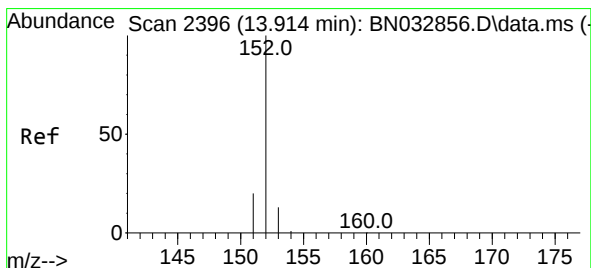
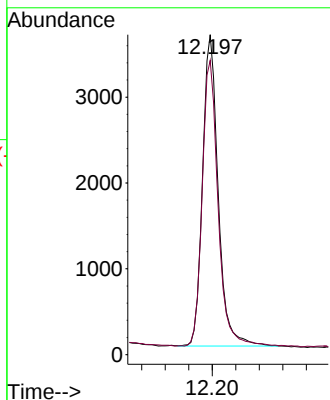
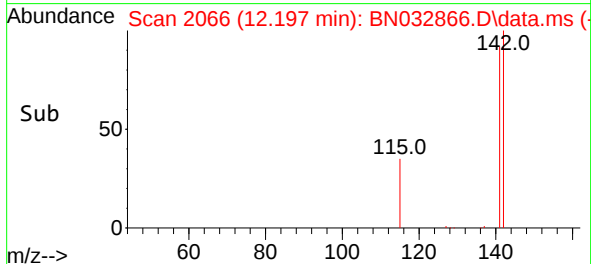
Instrument :
BNA_N
ClientSampleId :
A4BE9



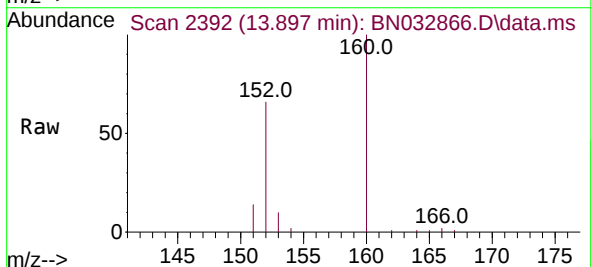
Tgt Ion:142 Resp: 6675
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

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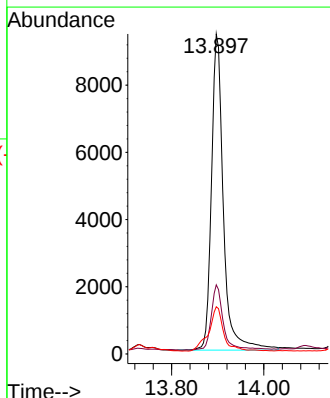
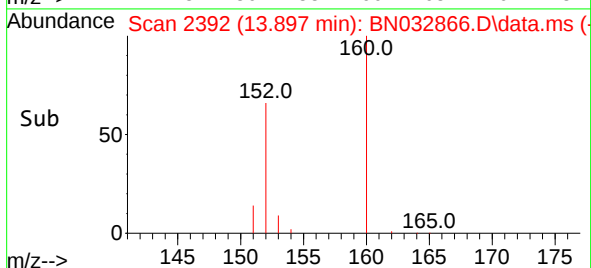
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

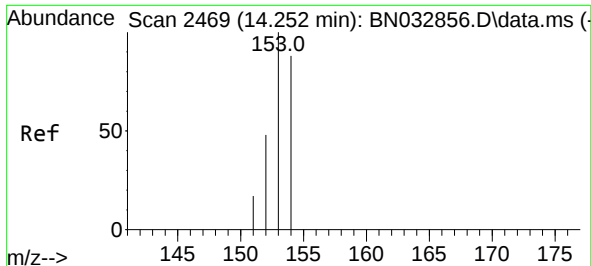


#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50



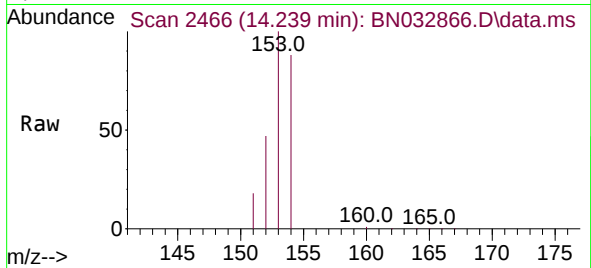
Tgt Ion:152 Resp: 16938
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 1.235 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

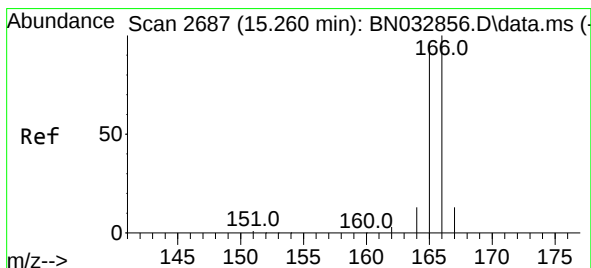
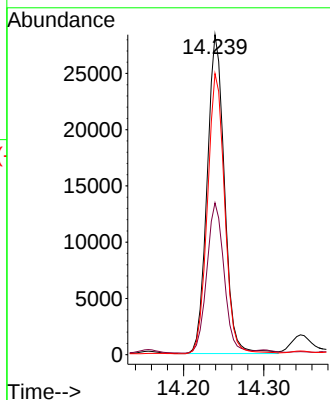
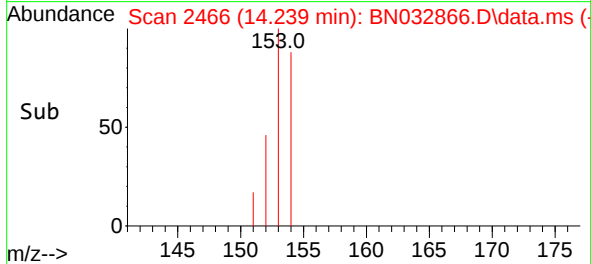
Instrument :
BNA_N
ClientSampleId :
A4BE9



Tgt Ion:153 Resp: 42485
Ion Ratio Lower Upper
153 100
152 47.5 40.0 60.0
154 87.9 70.2 105.4

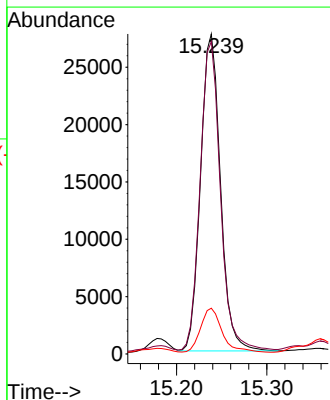
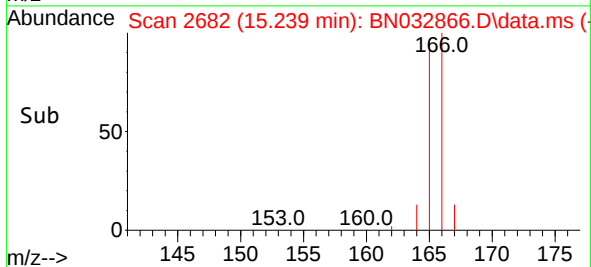
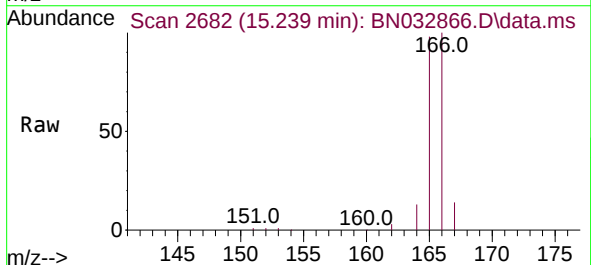
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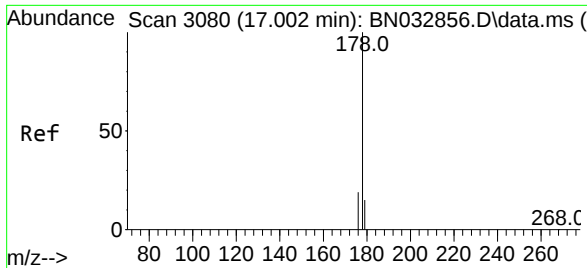
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 1.079 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

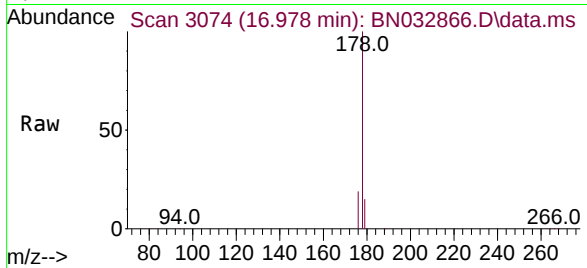
Tgt Ion:166 Resp: 42432
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 14.3 11.4 17.2





#15
Phenanthrene
Concen: 13.801 ng/ul m
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

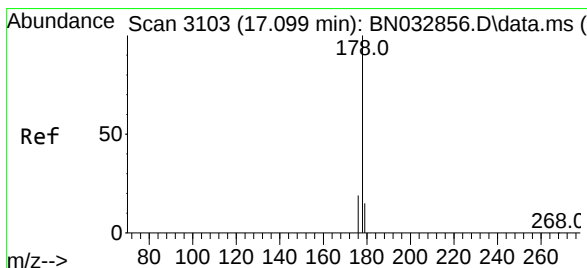
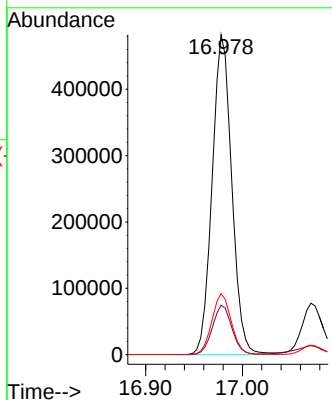
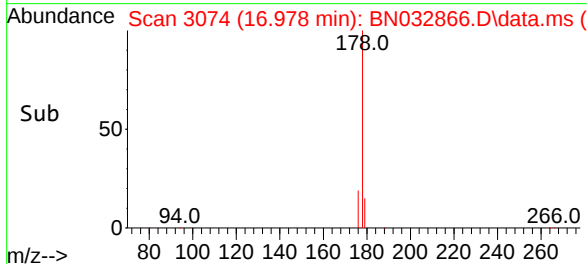
Instrument :
BNA_N
ClientSampleId :
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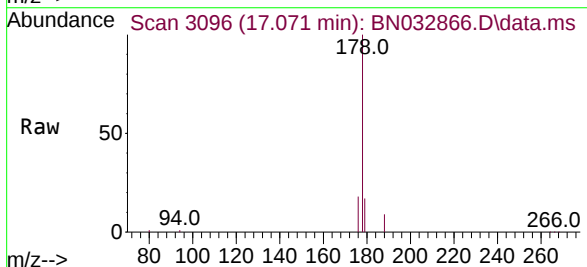
Tgt Ion:178 Resp: 67910
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4

Manual Integrations
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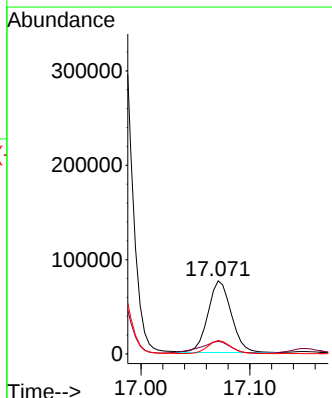
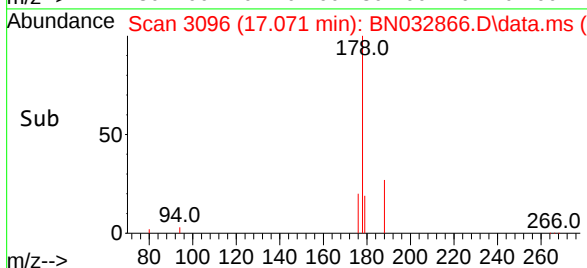
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

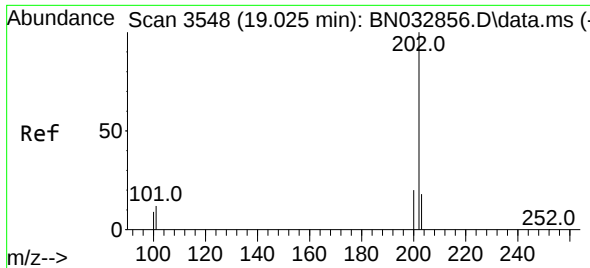


#16
Anthracene
Concen: 2.823 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50



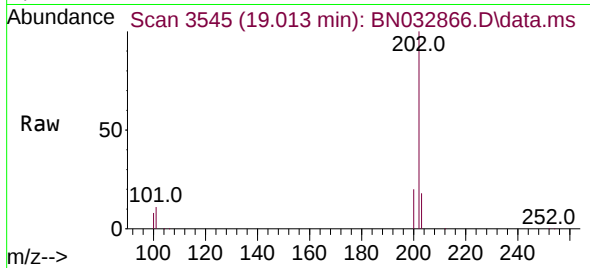
Tgt Ion:178 Resp: 113471
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.2
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 18.358 ng/ul m
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

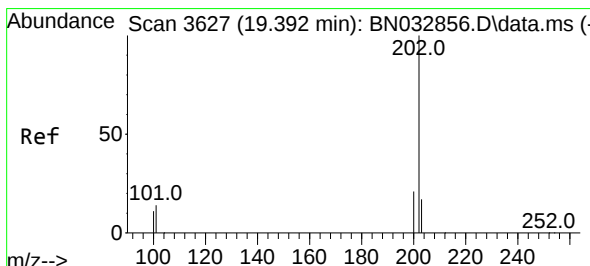
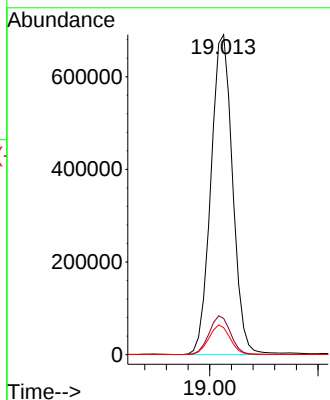
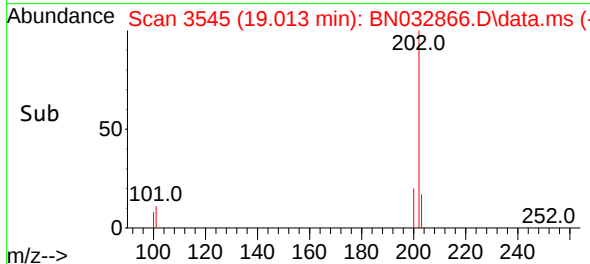
Instrument :
BNA_N
ClientSampleId :
A4BE9



Tgt Ion:202 Resp: 96181
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.5 7.9 11.9

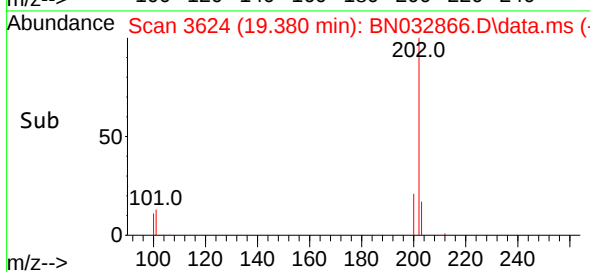
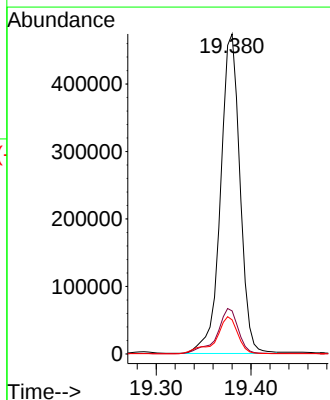
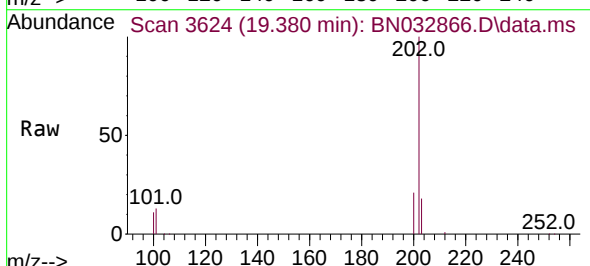
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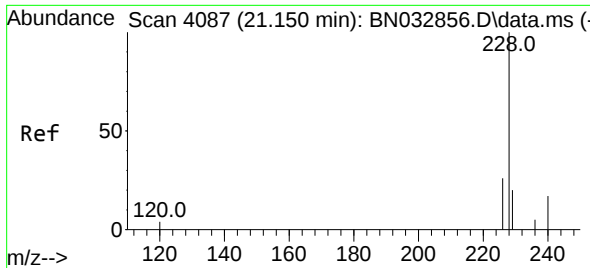
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 12.441 ng/ul m
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

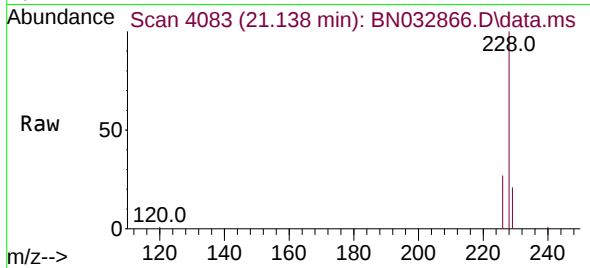
Tgt Ion:202 Resp: 674687
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 9.800 ng/ul m
RT: 21.138 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

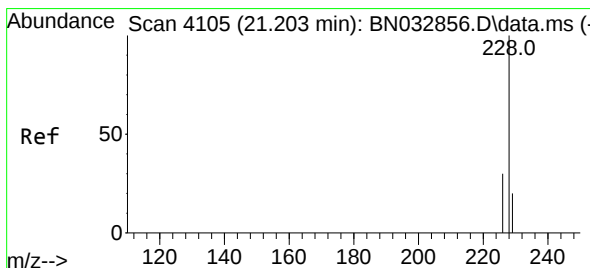
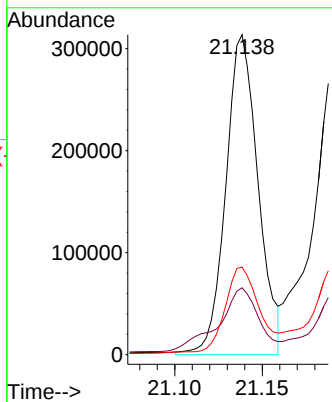
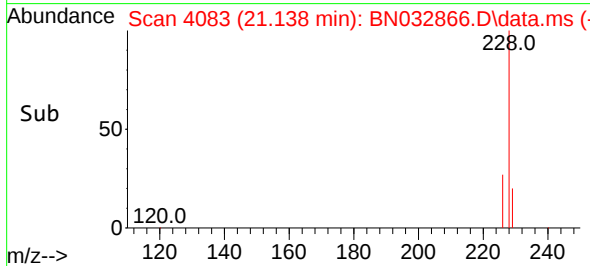
Instrument :
BNA_N
ClientSampleId :
A4BE9



Tgt Ion:228 Resp: 401990
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.4 21.9 32.9

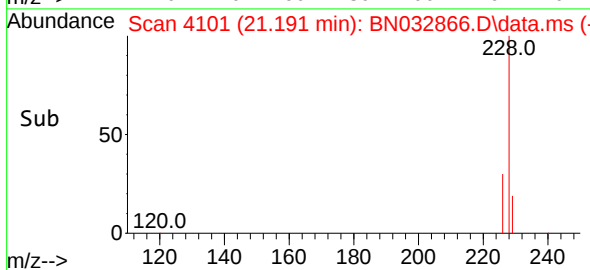
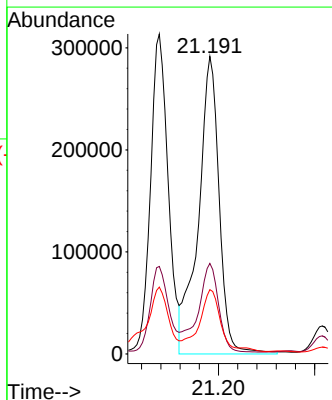
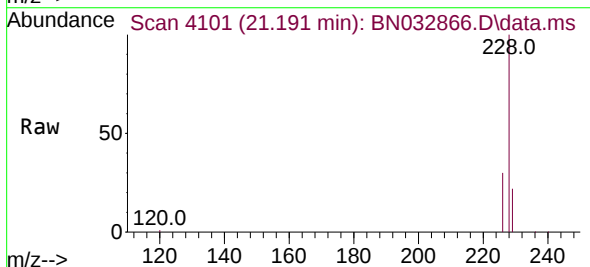
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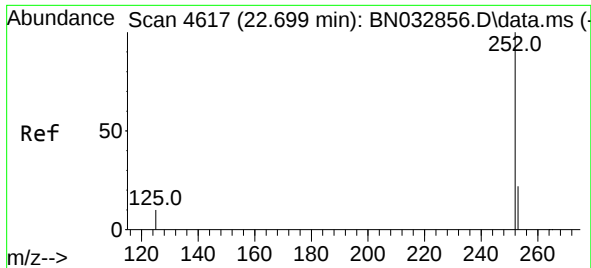
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 7.409 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

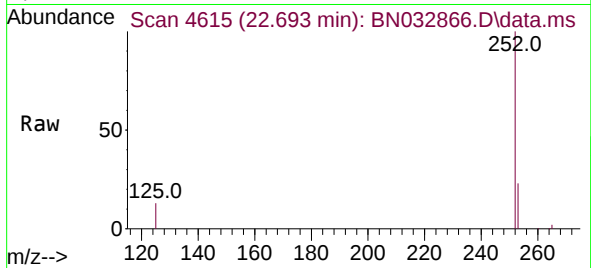
Tgt Ion:228 Resp: 439651
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 10.069 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

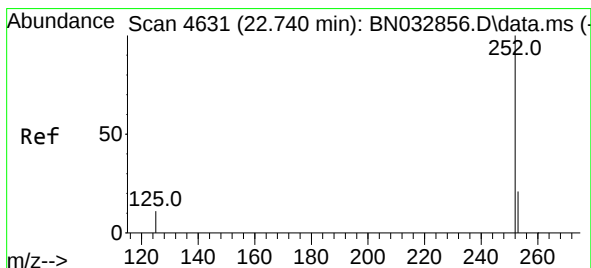
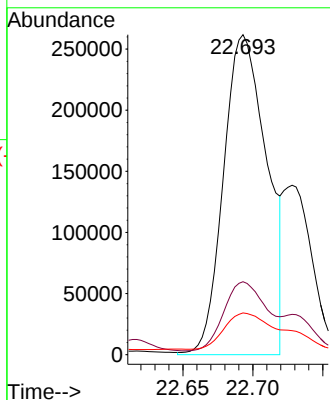
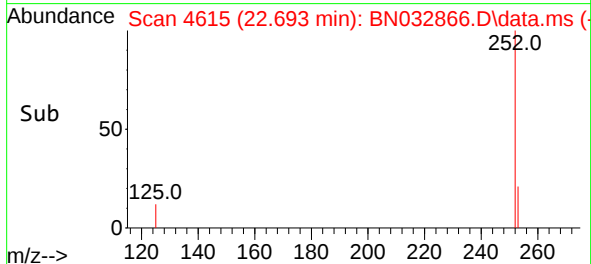
Instrument :
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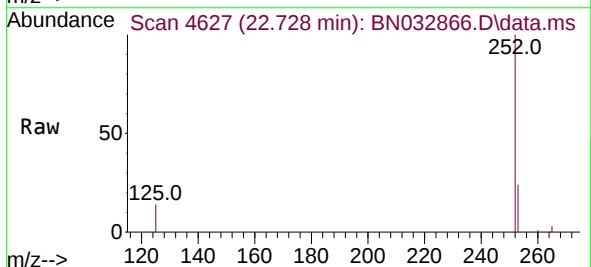
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Ion Ratio Lower Upper
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125 13.0 0.0 36.0

Manual Integrations
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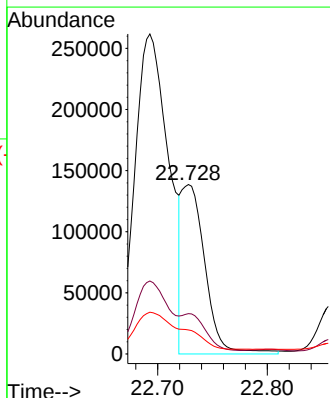
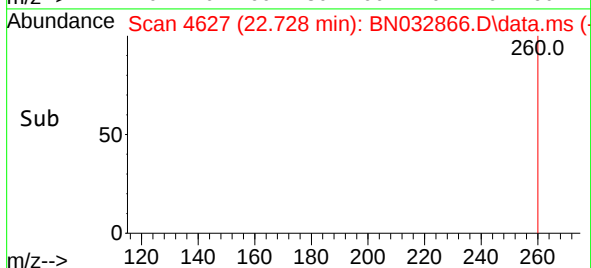
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

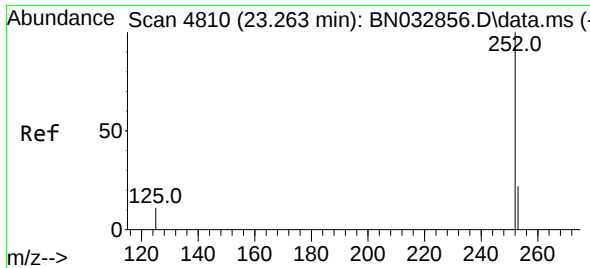


#25
Benzo(k)fluoranthene
Concen: 3.043 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50



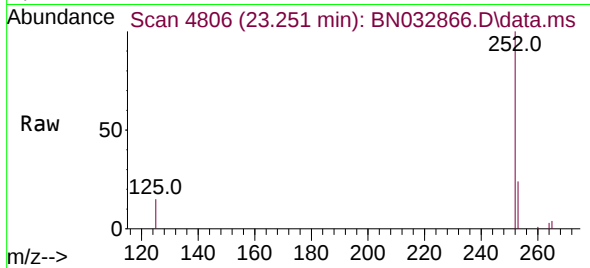
Tgt Ion:252 Resp: 207608
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 14.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 4.729 ng/ul m
RT: 23.251 min Scan# 4810
Delta R.T. -0.012 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

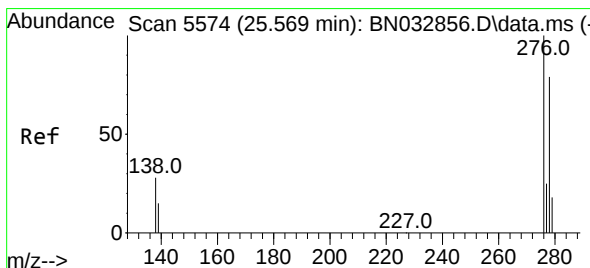
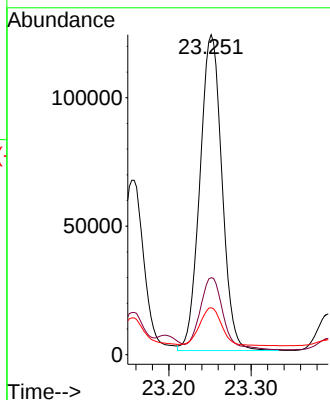
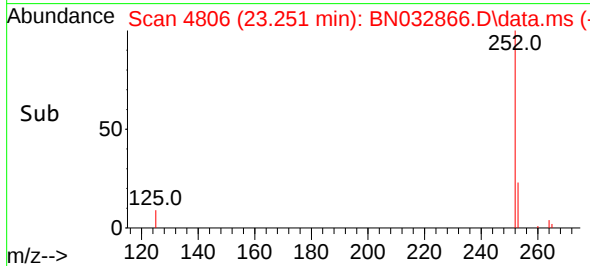
Instrument :
BNA_N
ClientSampleId :
A4BE9



Tgt Ion:252 Resp: 22913
Ion Ratio Lower Upper
252 100
253 24.1 25.4 38.0#
125 14.7 20.6 30.8#

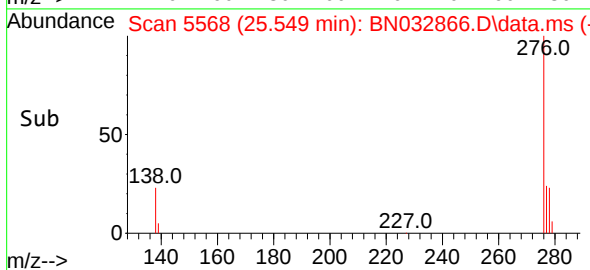
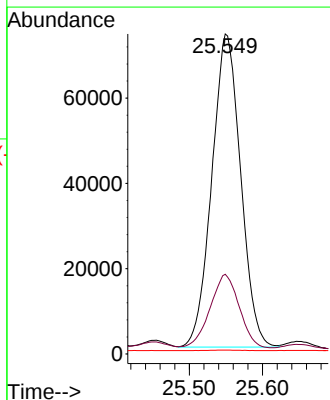
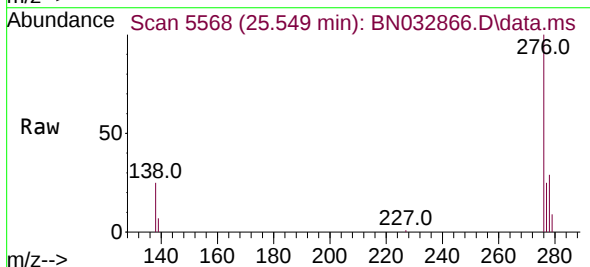
Manual Integrations
APPROVED

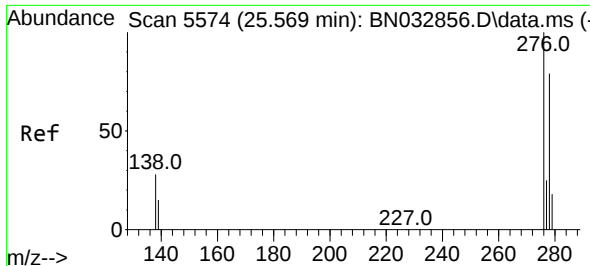
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.062 ng/ul m
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

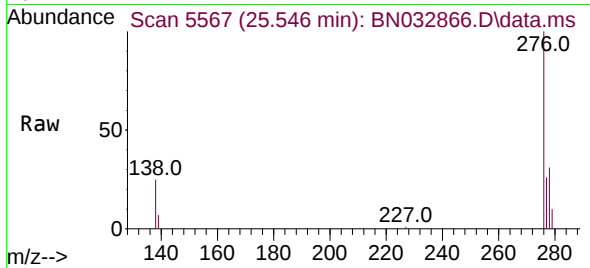
Tgt Ion:276 Resp: 200918
Ion Ratio Lower Upper
276 100
138 3.8 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.393 ng/ul m
RT: 25.546 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50

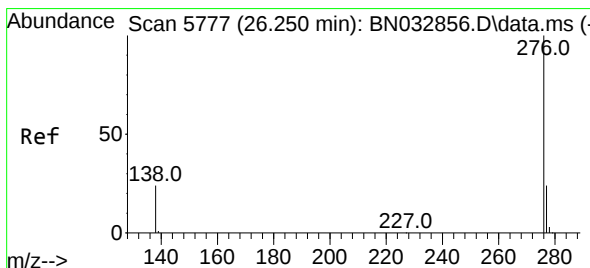
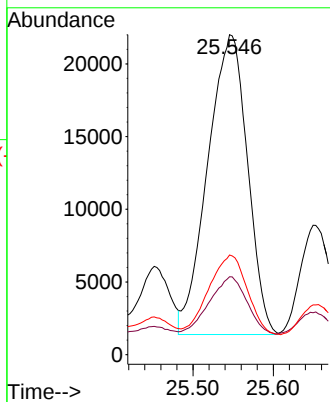
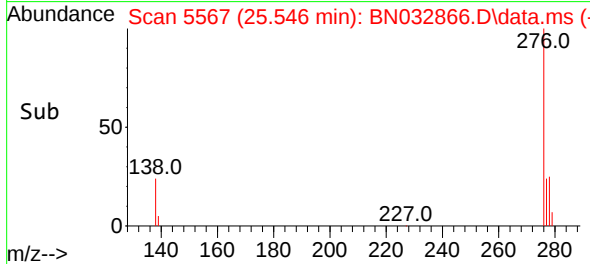
Instrument :
BNA_N
ClientSampleId :
A4BE9



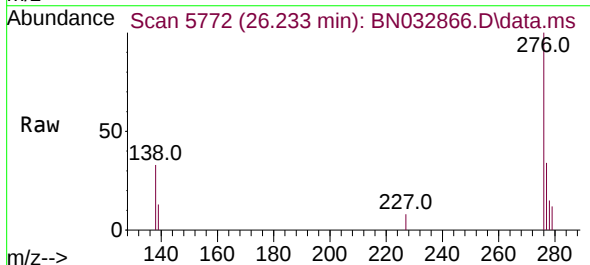
Tgt Ion:278 Resp: 7084
Ion Ratio Lower Upper
278 100
139 24.4 16.6 24.8
279 31.2 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.561 ng/ul m
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032866.D
Acq: 20 Jul 2024 06:50



Tgt Ion:276 Resp: 30762
Ion Ratio Lower Upper
276 100
138 33.2 21.0 31.4#
277 33.9 20.6 31.0#

