

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032441.D
 Acq On : 03 Jul 2024 18:10
 Operator : MA/JU
 Sample : P2963-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:49:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5342	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	16903	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	10933	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	22501m	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	12338m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	17402m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	28433	4.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	8482	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	17478m	0.471	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	87961	1.966	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	34675	1.170	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	19556	0.636	ng/ul	100
10) Acenaphthylene	13.966	152	129936	2.858	ng/ul	99
11) Acenaphthene	14.309	153	32670	0.926	ng/ul	98
12) Fluorene	15.303	166	44217	1.052	ng/ul#	99
14) Pentachlorophenol	16.666	266	994m	0.195	ng/ul	
15) Phenanthrene	17.046	178	932919m	15.123	ng/ul	
16) Anthracene	17.134	178	220311m	4.004	ng/ul	
19) Fluoranthene	19.073	202	1603194m	34.123	ng/ul	
20) Pyrene	19.436	202	1195932m	24.358	ng/ul	
21) Benzo(a)anthracene	21.194	228	692529m	15.551	ng/ul	
22) Chrysene	21.247	228	832334m	17.029	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	1054270m	13.944	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	393423m	5.356	ng/ul	
26) Benzo(a)pyrene	23.333	252	396881m	7.545	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	423107m	5.137	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	160153m	2.617	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	62742m	0.956	ng/ul	

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

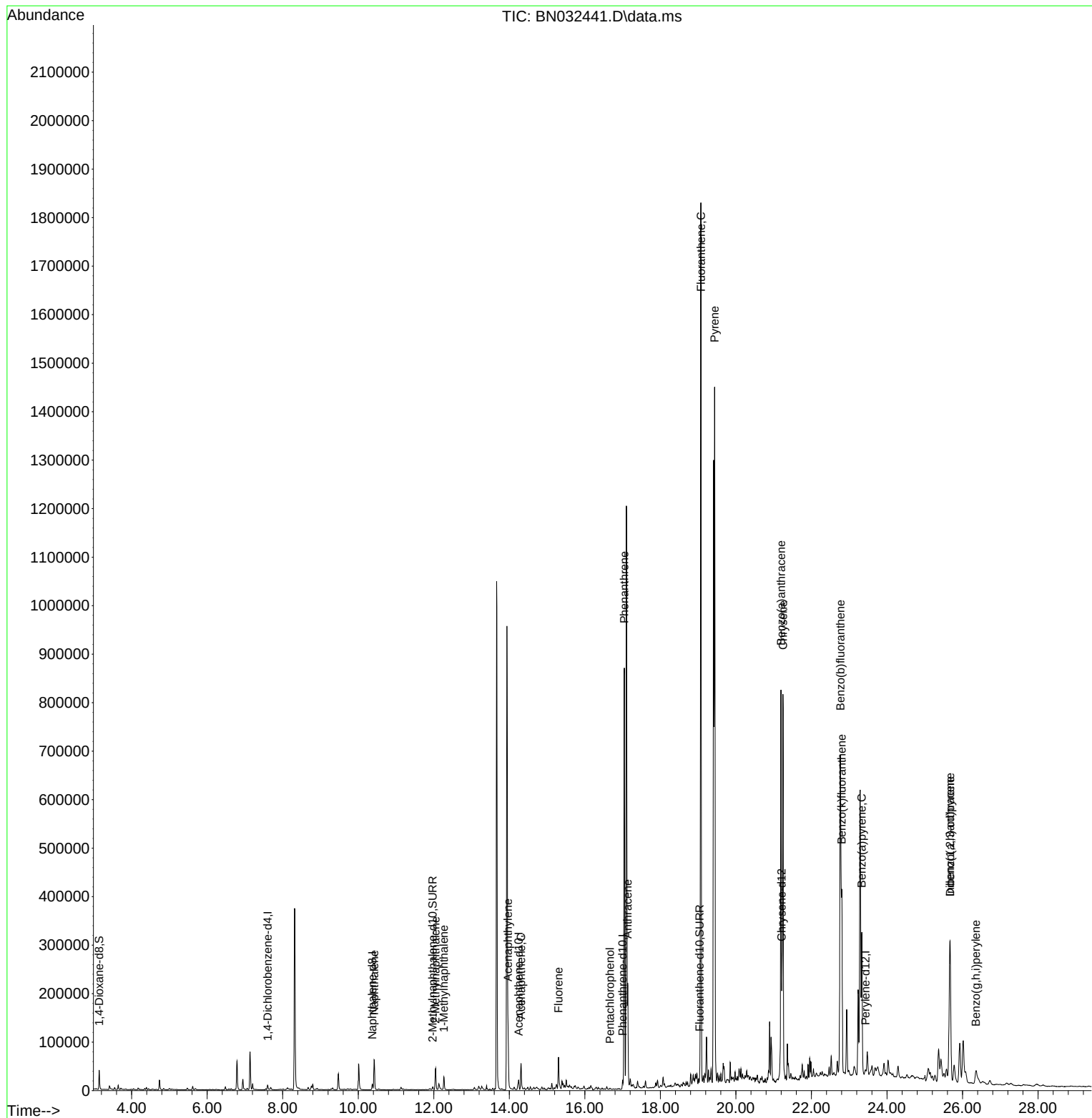
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032441.D
Acq On : 03 Jul 2024 18:10
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ALS Vial : 12 Sample Multiplier: 1

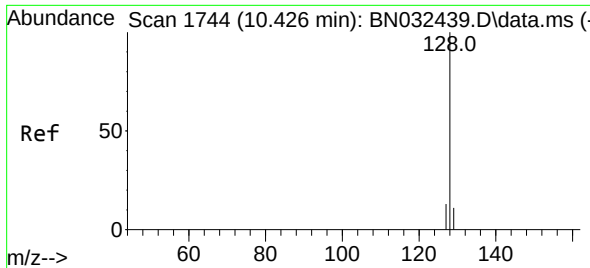
Instrument :
BNA_N
ClientSampleId :
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Supervised By :mohammad ahmed 07/05/2024

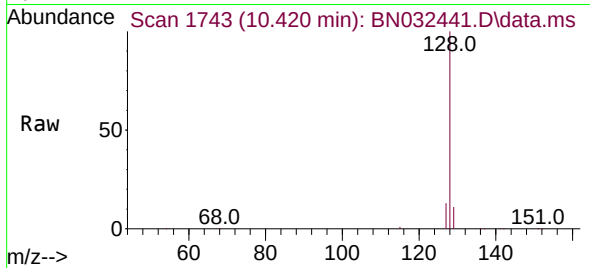
Quant Time: Jul 03 23:49:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.966 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

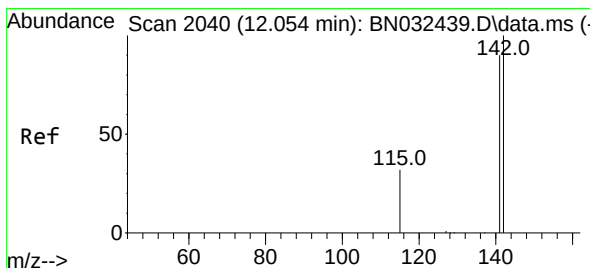
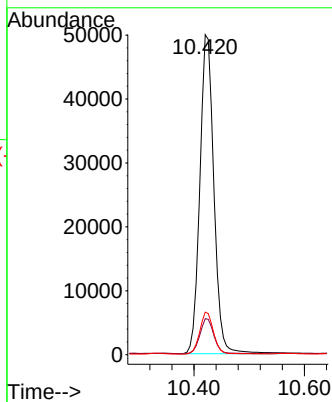
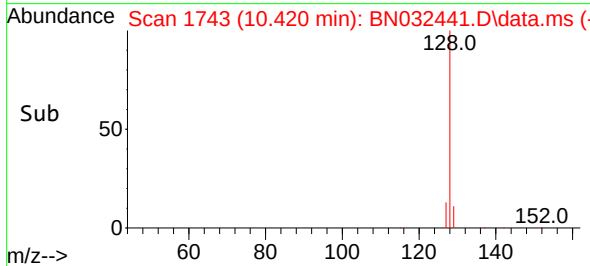
Instrument :
BNA_N
ClientSampleId :
A4CS3



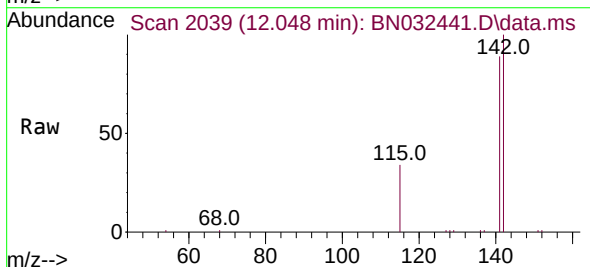
Tgt Ion:128 Resp: 8796
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.8 16.2

Manual Integrations
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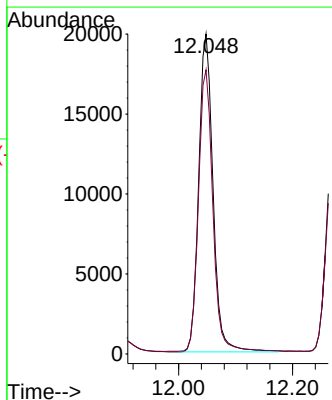
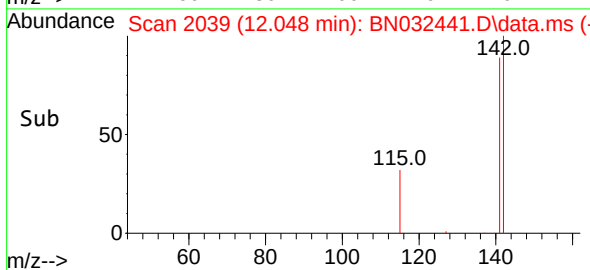
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

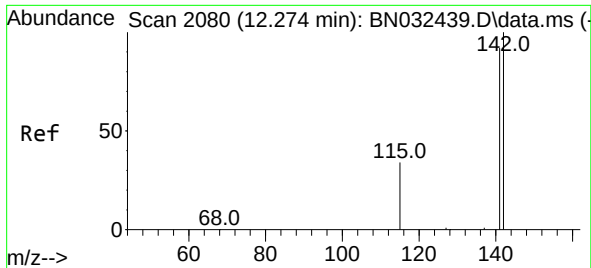


#7
2-Methylnaphthalene
Concen: 1.170 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10



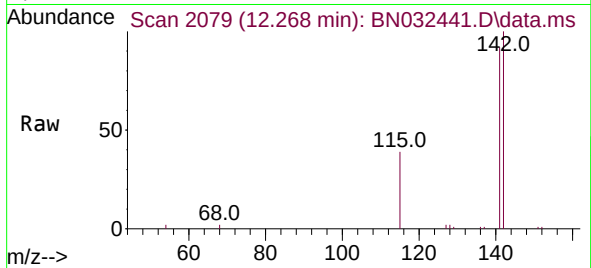
Tgt Ion:142 Resp: 34675
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.636 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

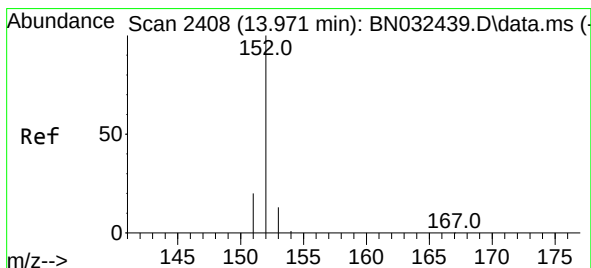
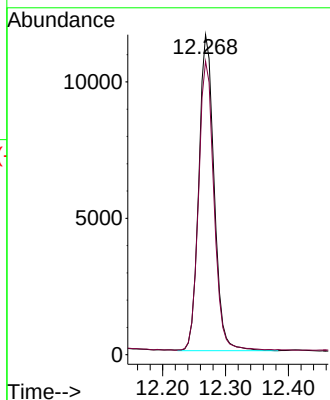
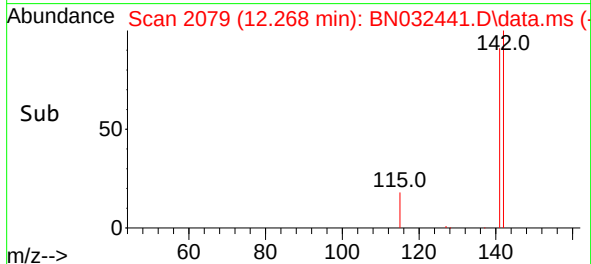
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 19550
Ion Ratio Lower Upper
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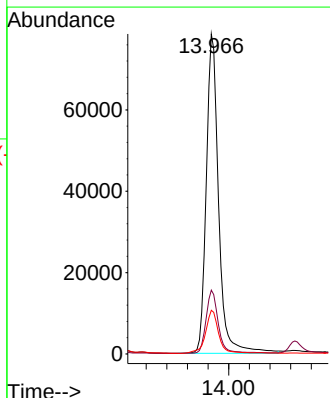
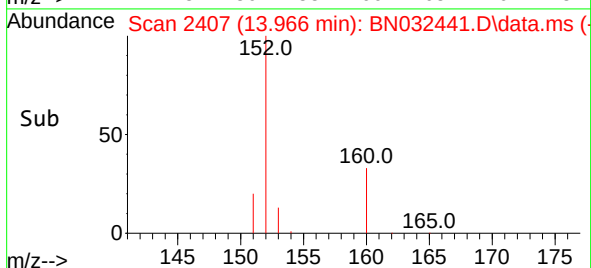
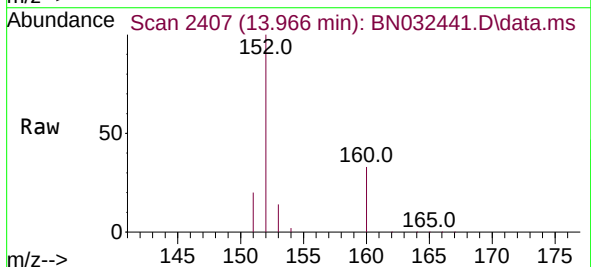
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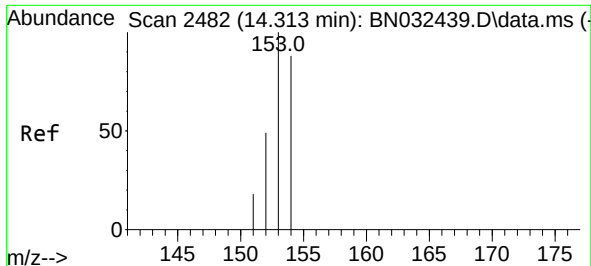
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 2.858 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

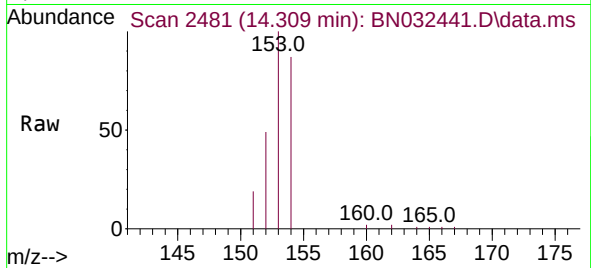
Tgt Ion:152 Resp: 129936
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.926 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

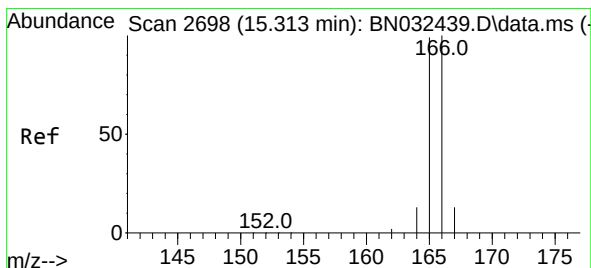
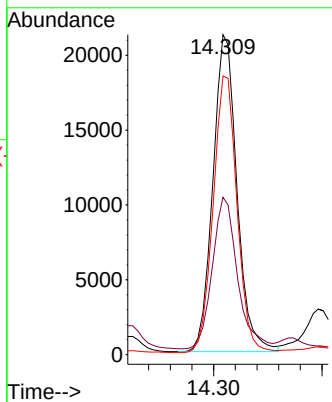
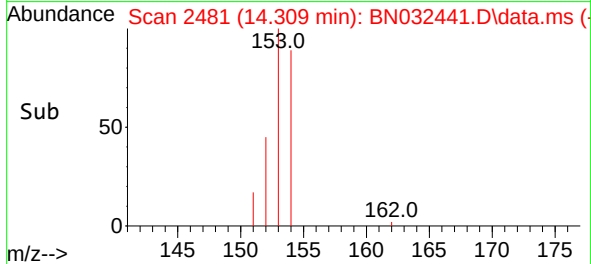
Instrument :
BNA_N
ClientSampleId :
A4CS3



Tgt Ion:153 Resp: 32670
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 87.1 71.7 107.5

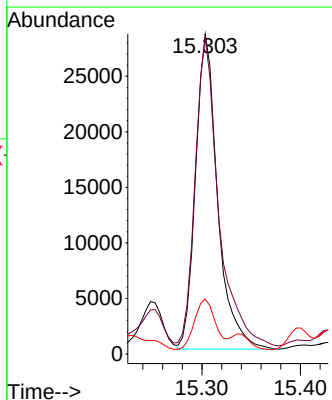
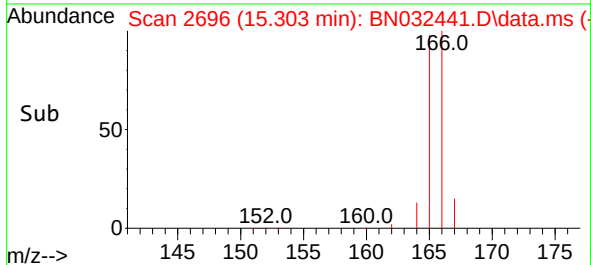
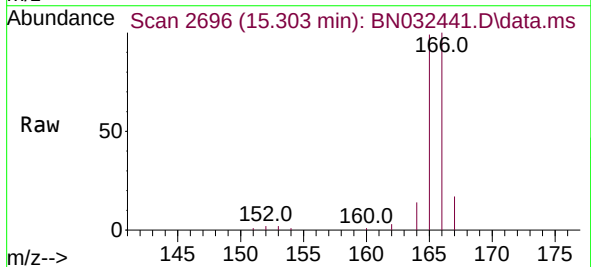
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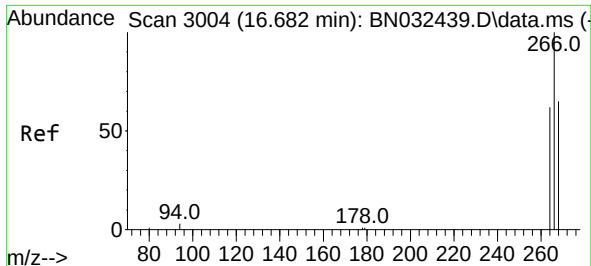
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 1.052 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

Tgt Ion:166 Resp: 44217
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 17.1 11.0 16.6#





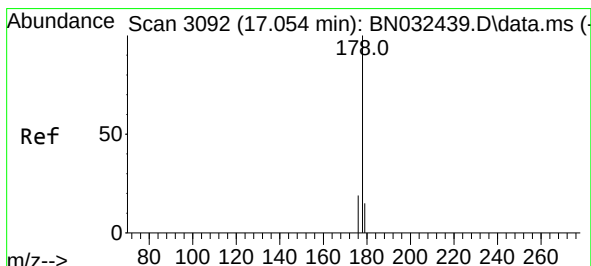
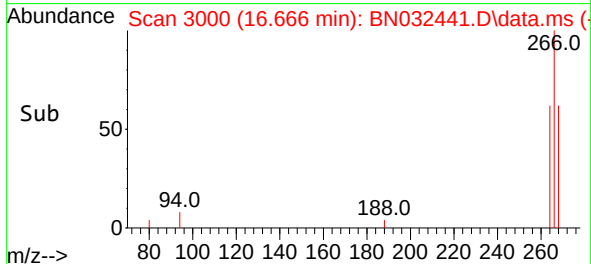
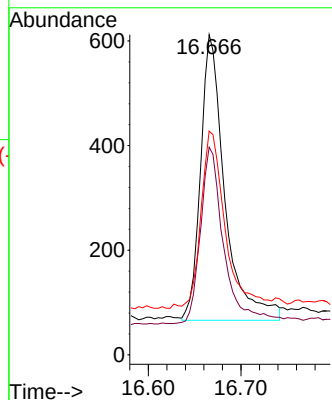
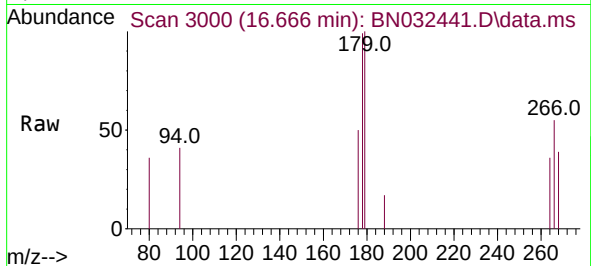
#14
Pentachlorophenol
Concen: 0.195 ng/ul m
RT: 16.666 min Scan# 3000
Delta R.T. -0.008 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

Instrument :
BNA_N
ClientSampleId :
A4CS3

Tgt Ion:266 Resp: 994
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 0.0 52.4 78.6

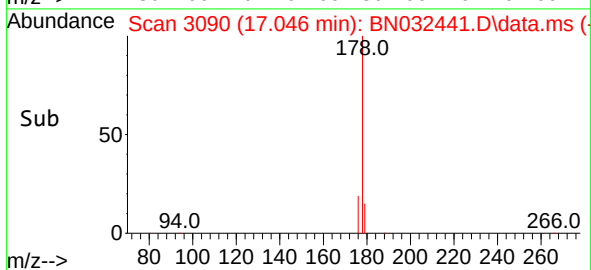
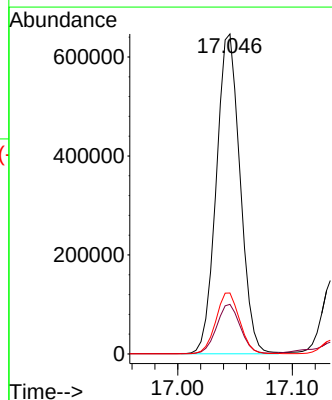
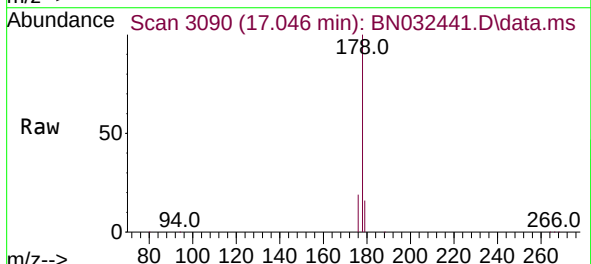
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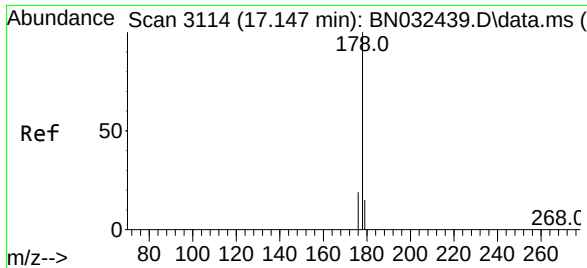
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 15.123 ng/ul m
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

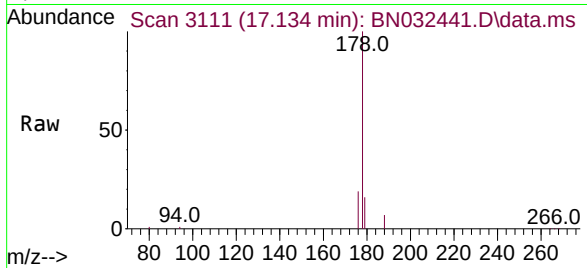
Tgt Ion:178 Resp: 932919
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.6 23.4





#16
Anthracene
Concen: 4.004 ng/ul m
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

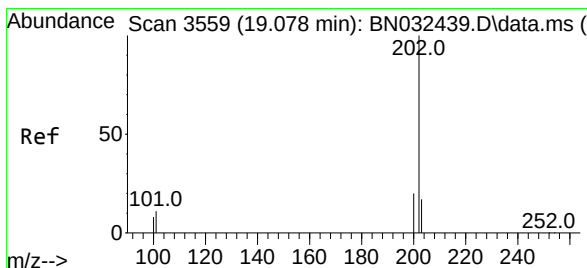
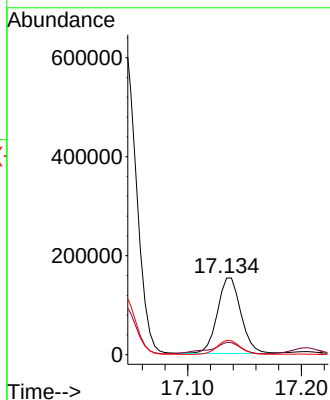
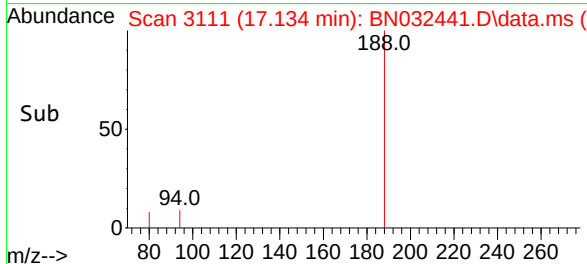
Instrument :
BNA_N
ClientSampleId :
A4CS3



Tgt Ion:178 Resp: 220311
Ion Ratio Lower Upper
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179 16.0 12.5 18.7
176 18.8 15.0 22.6

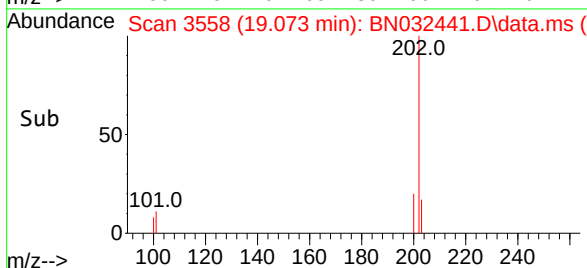
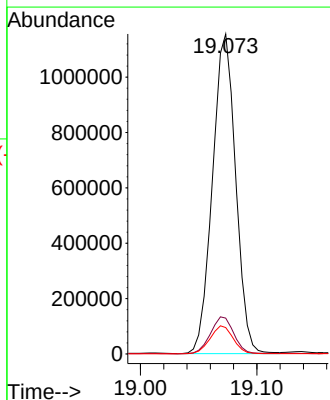
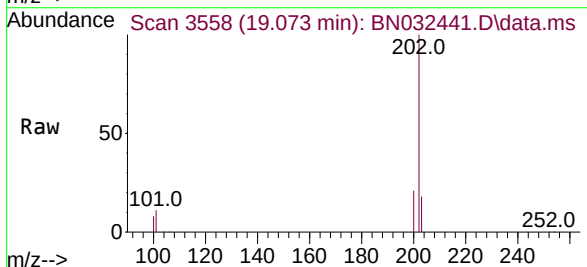
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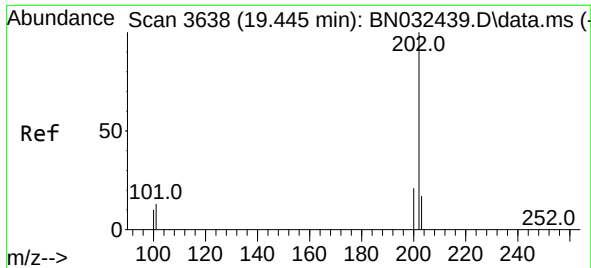
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#19
Fluoranthene
Concen: 34.123 ng/ul m
RT: 19.073 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

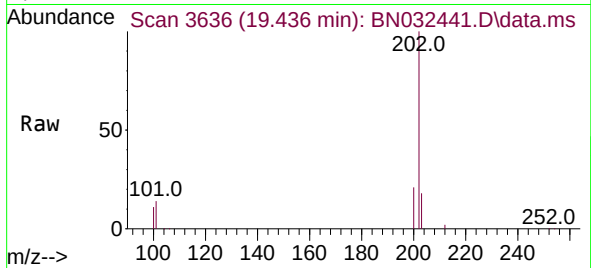
Tgt Ion:202 Resp: 1603194
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.2 6.4 9.6





#20
Pyrene
Concen: 24.358 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

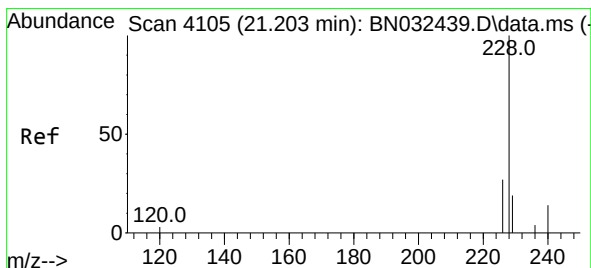
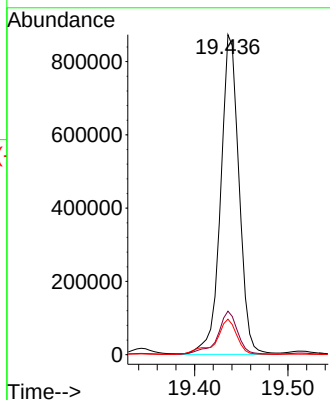
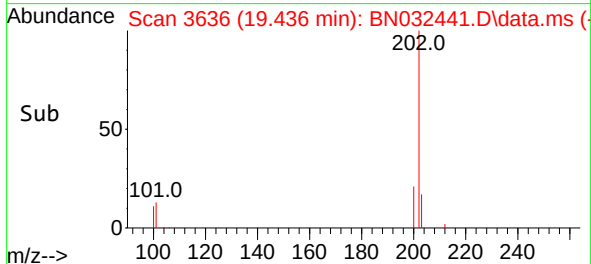
Instrument :
BNA_N
ClientSampleId :
A4CS3



Tgt Ion:202 Resp: 119593
Ion Ratio Lower Upper
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101 13.6 11.0 16.4
100 11.1 8.7 13.1

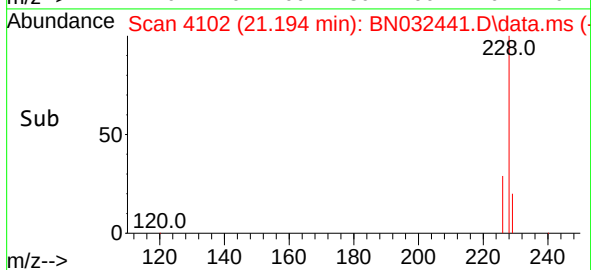
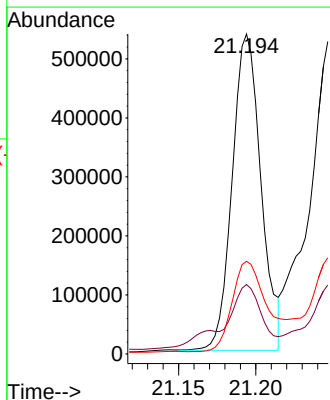
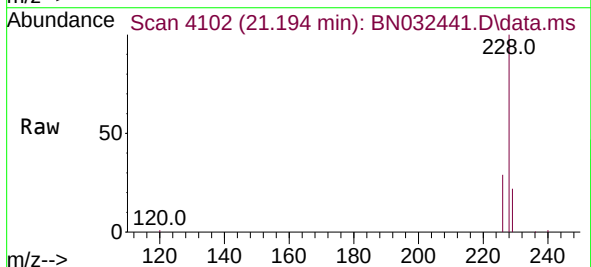
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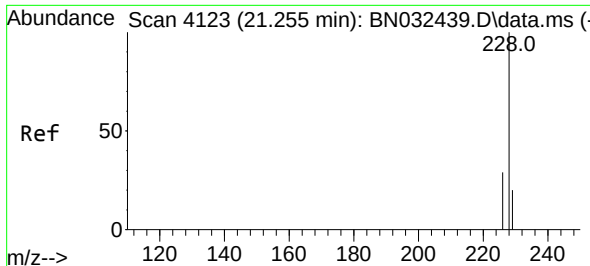
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 15.551 ng/ul m
RT: 21.194 min Scan# 4102
Delta R.T. 0.003 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

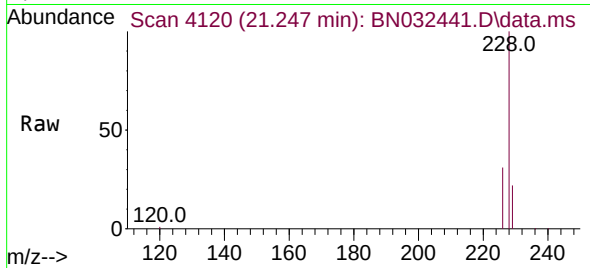
Tgt Ion:228 Resp: 692529
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 28.9 21.8 32.8





#22
Chrysene
Concen: 17.029 ng/ul m
RT: 21.247 min Scan# 4123
Delta R.T. 0.003 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

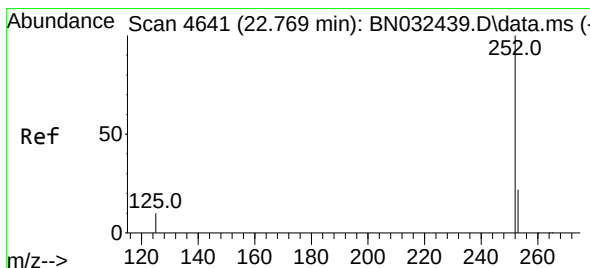
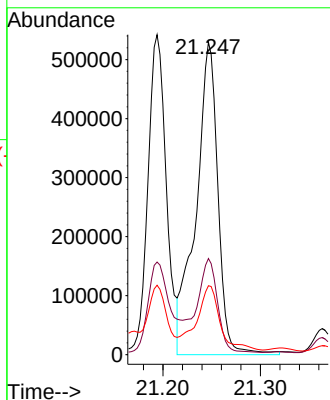
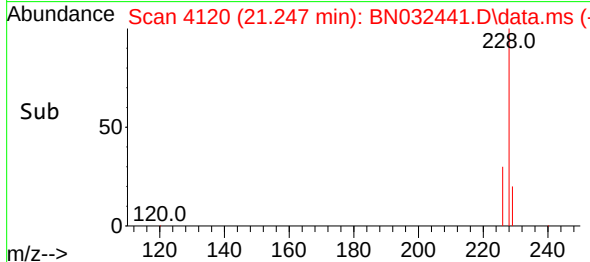
Instrument :
BNA_N
ClientSampleId :
A4CS3



Tgt Ion:228 Resp: 832334
Ion Ratio Lower Upper
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226 30.8 23.6 35.4
229 22.1 15.7 23.5

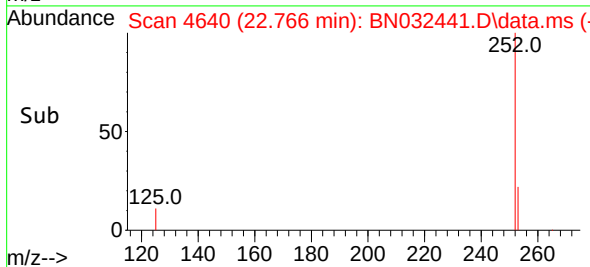
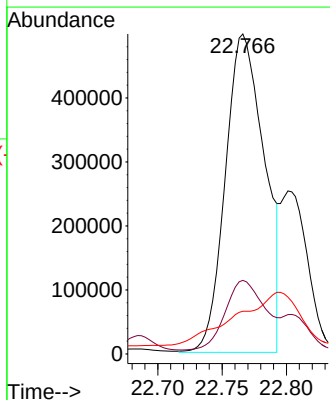
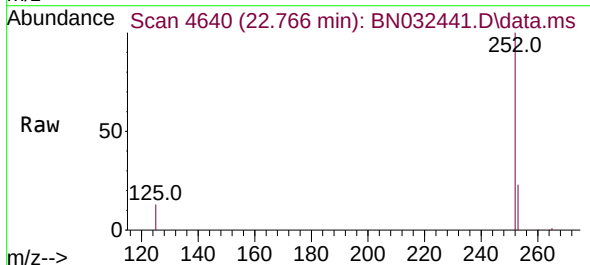
Manual Integrations
APPROVED

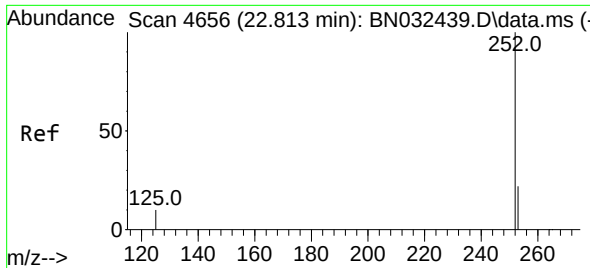
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Benzo(b)fluoranthene
Concen: 13.944 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. 0.009 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

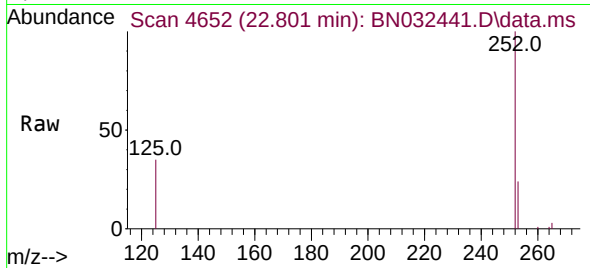
Tgt Ion:252 Resp: 1054270
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 13.3 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 5.356 ng/ul m
RT: 22.801 min Scan# 4656
Delta R.T. 0.000 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

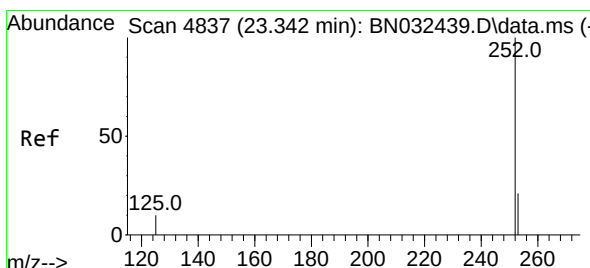
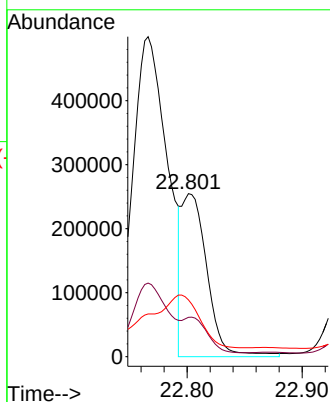
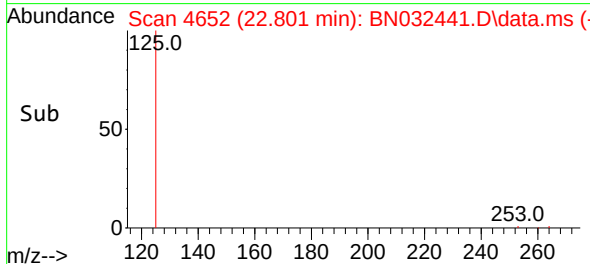
Instrument :
BNA_N
ClientSampleId :
A4CS3



Tgt Ion:252 Resp: 393423
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 34.8 12.8 19.2

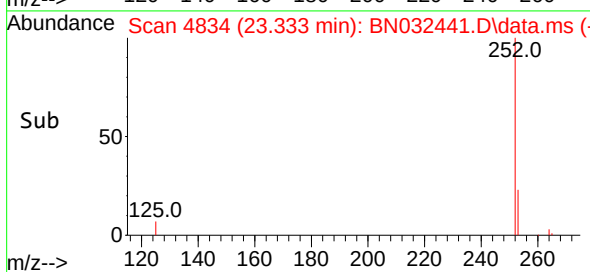
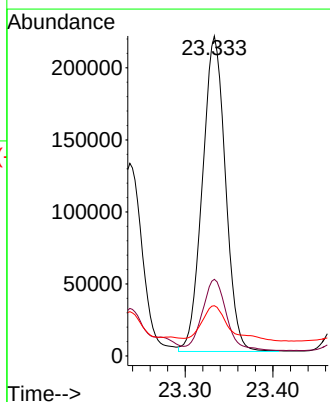
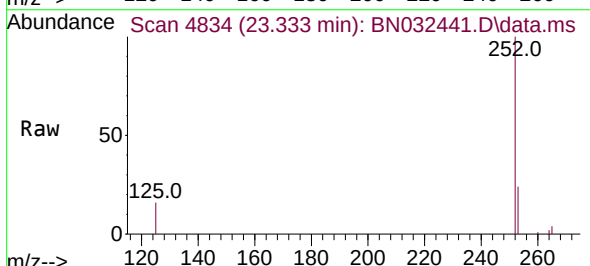
Manual Integrations
APPROVED

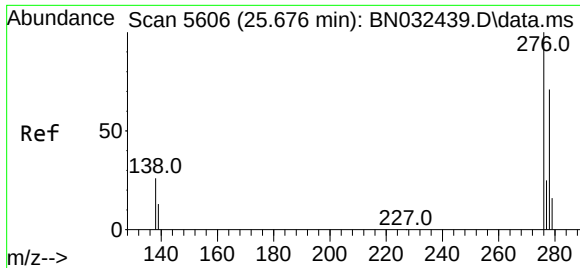
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 7.545 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

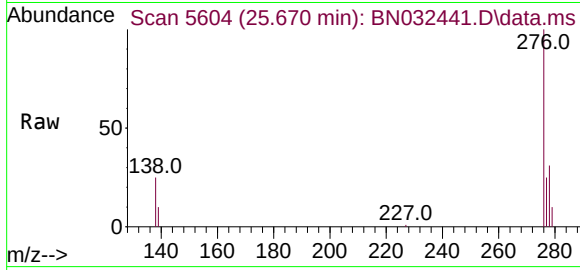
Tgt Ion:252 Resp: 396881
Ion Ratio Lower Upper
252 100
253 24.0 22.2 33.2
125 15.7 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.137 ng/ul m
RT: 25.670 min Scan# 5606
Delta R.T. 0.010 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

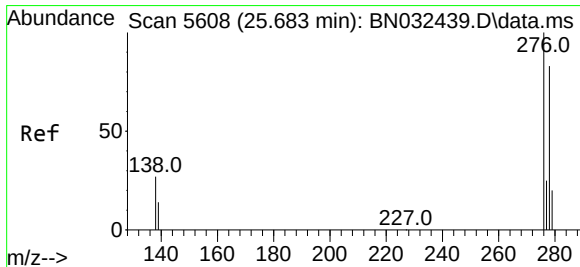
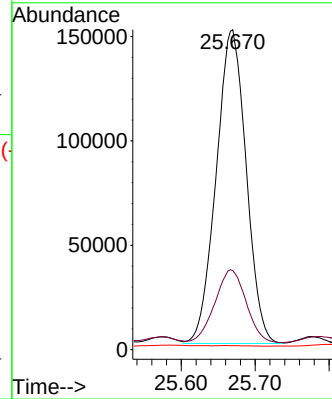
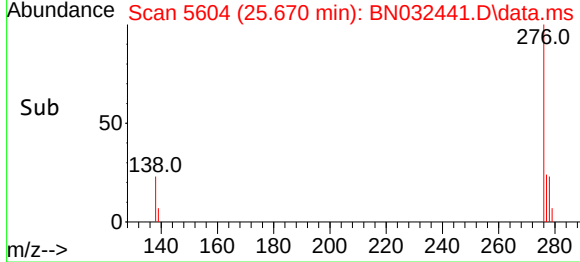
Instrument :
BNA_N
ClientSampleId :
A4CS3



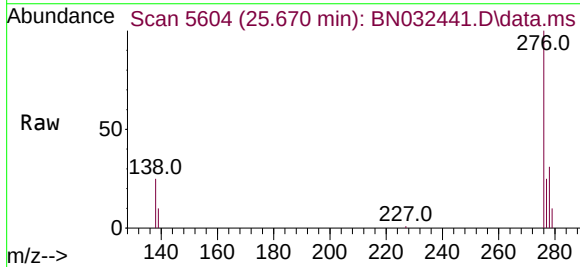
Tgt Ion:276 Resp: 42310
Ion Ratio Lower Upper
276 100
138 3.0 21.3 31.9
227 0.0 0.1 0.1

Manual Integrations
APPROVED

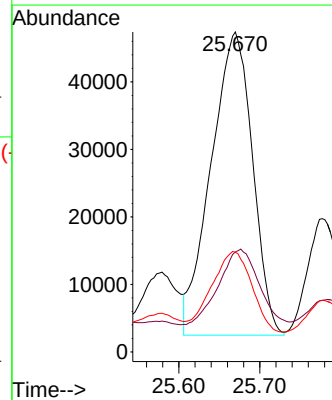
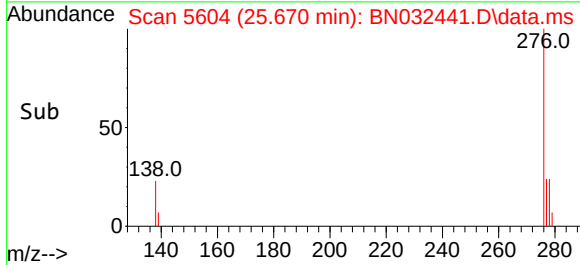
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

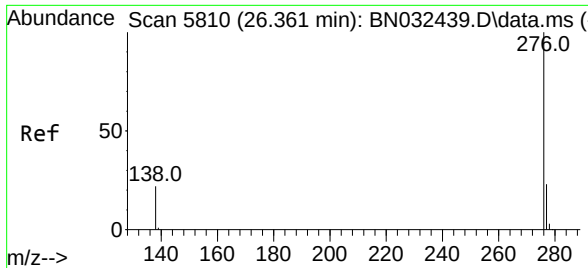


#28
Dibenzo(a,h)anthracene
Concen: 2.617 ng/ul m
RT: 25.670 min Scan# 5604
Delta R.T. 0.003 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10



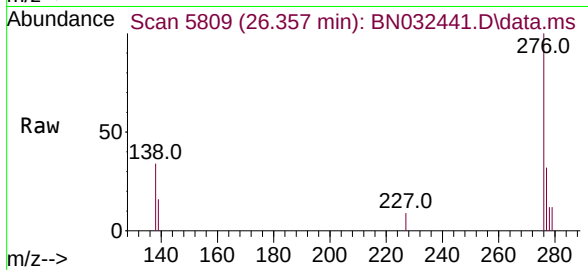
Tgt Ion:278 Resp: 160153
Ion Ratio Lower Upper
278 100
139 31.3 15.9 23.9
279 31.2 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.956 ng/ul m
RT: 26.357 min Scan# 5809
Delta R.T. 0.013 min
Lab File: BN032441.D
Acq: 03 Jul 2024 18:10

Instrument :
BNA_N
ClientSampleId :
A4CS3



Tgt Ion: 276 Resp: 6274
Ion Ratio Lower Upper
276 100
138 34.1 19.8 29.6
277 31.6 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

