

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032424.D
 Acq On : 03 Jul 2024 05:46
 Operator : MA/JU
 Sample : P2963-10
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 06:11:22 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	7.603	152	8377	0.400	ng/ul	0.00
4) Naphthalene-d8	10.381	136	27066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.252	164	15883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	27023m	0.400	ng/ul	0.00
17) Chrysene-d12	21.210	240	18344m	0.400	ng/ul	0.00
23) Perylene-d12	23.426	264	21083m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	28759	3.089	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	11696	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.044	212	18567m	0.336	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.425	128	13102	0.183	ng/ul	97
7) 2-Methylnaphthalene	12.052	142	5061	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.272	142	4351	0.088	ng/ul	99
10) Acenaphthylene	13.970	152	34927	0.529	ng/ul	98
11) Acenaphthene	14.312	153	18180	0.355	ng/ul	99
12) Fluorene	15.307	166	20303	0.332	ng/ul	99
15) Phenanthrene	17.049	178	326865m	4.412	ng/ul	
16) Anthracene	17.137	178	76462m	1.157	ng/ul	
19) Fluoranthene	19.072	202	534196m	7.647	ng/ul	
20) Pyrene	19.439	202	490826m	6.724	ng/ul	
21) Benzo(a)anthracene	21.193	228	254657m	3.846	ng/ul	
22) Chrysene	21.245	228	273266m	3.760	ng/ul	
24) Benzo(b)fluoranthene	22.759	252	375318m	4.097	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	133609m	1.501	ng/ul	
26) Benzo(a)pyrene	23.329	252	284083m	4.458	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.658	276	201716m	2.021	ng/ul	
28) Dibenzo(a,h)anthracene	25.658	278	53767m	0.725	ng/ul	
29) Benzo(g,h,i)perylene	26.343	276	203762m	2.564	ng/ul	

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

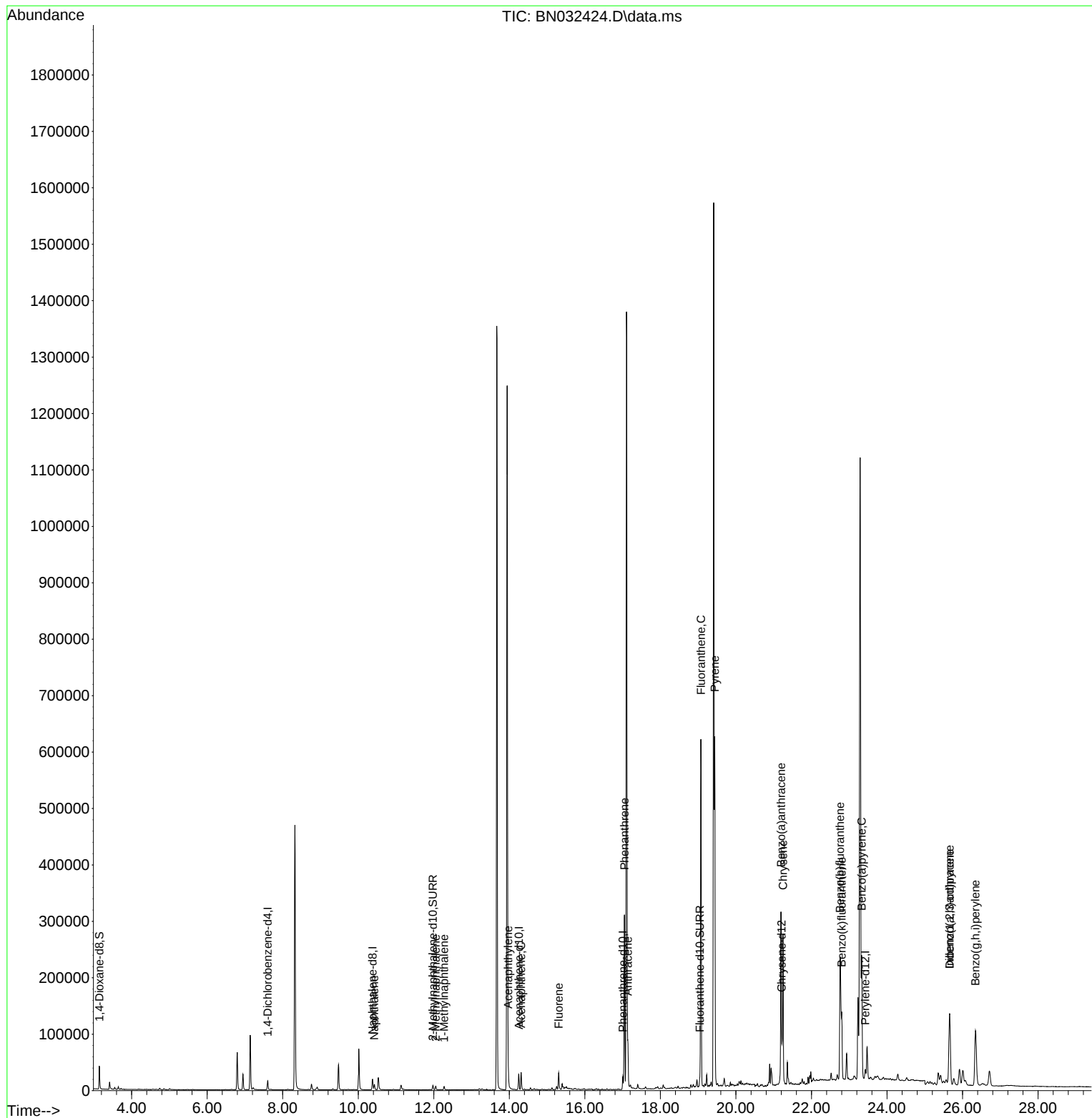
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032424.D
Acq On : 03 Jul 2024 05:46
Operator : MA/JU
Sample : P2963-10
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ALS Vial : 72 Sample Multiplier: 1

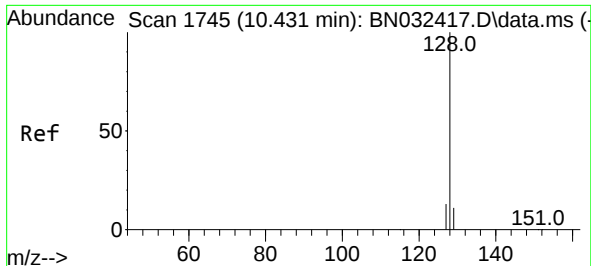
Instrument :
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Supervised By :mohammad ahmed 07/04/2024

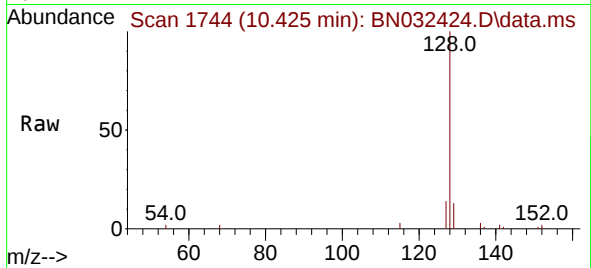
Quant Time: Jul 03 06:11:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.183 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. -0.007 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

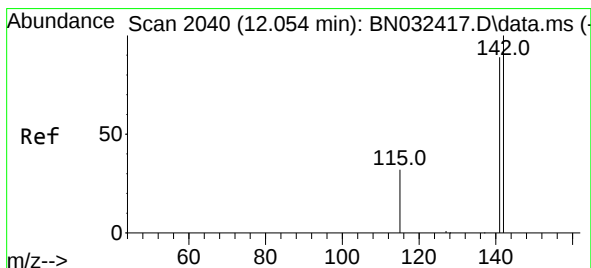
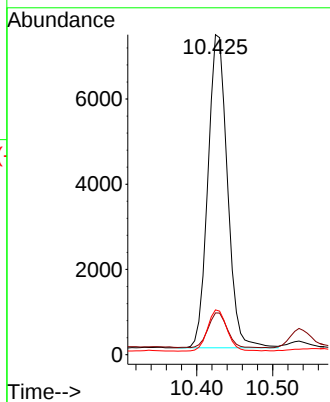
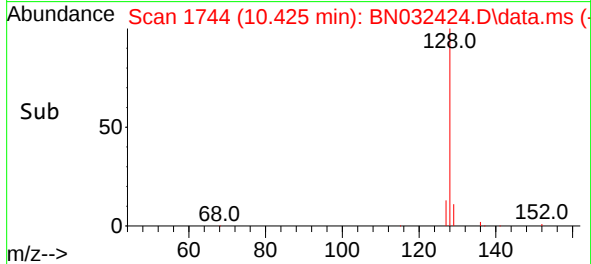
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:128 Resp: 1310
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 14.0 10.8 16.2

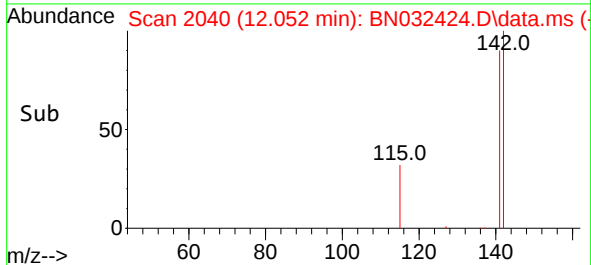
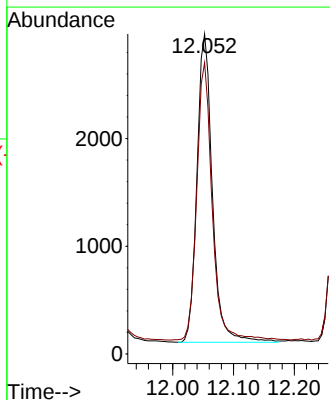
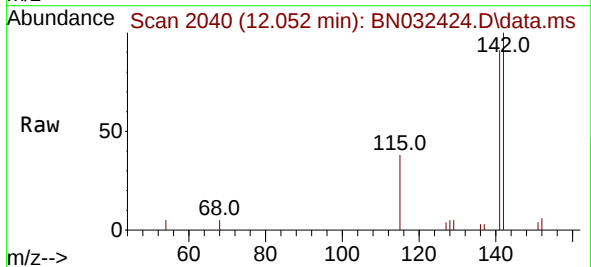
Manual Integrations
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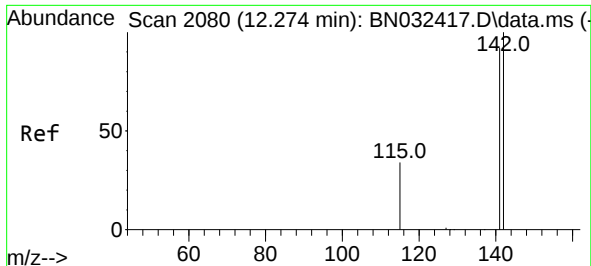
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

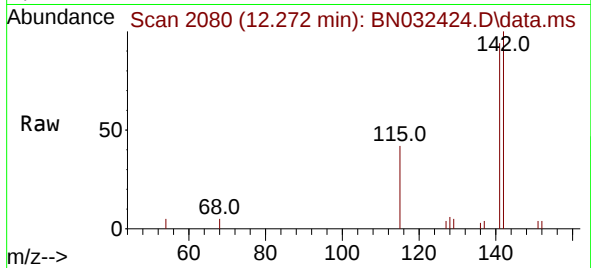
Tgt Ion:142 Resp: 5061
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

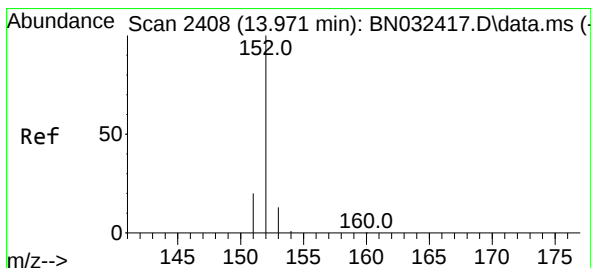
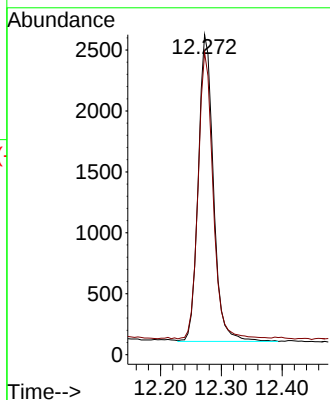
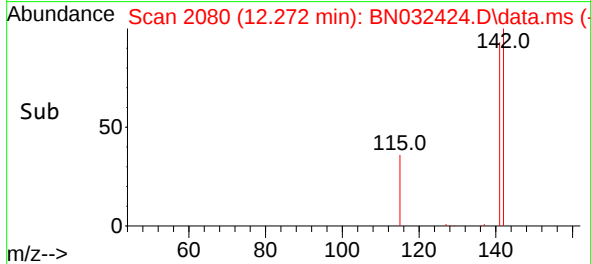
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:142 Resp: 435
Ion Ratio Lower Upper
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141 92.6 73.4 110.0

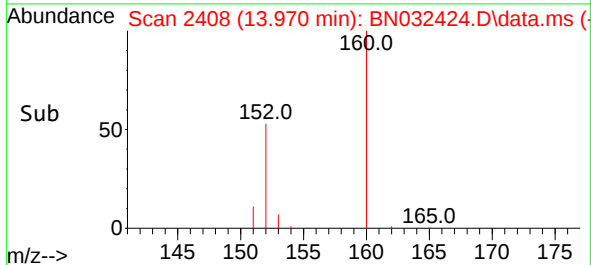
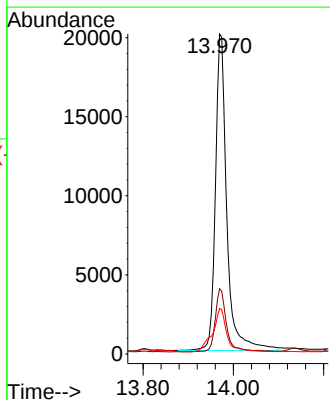
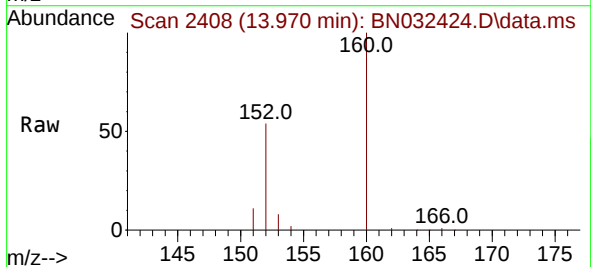
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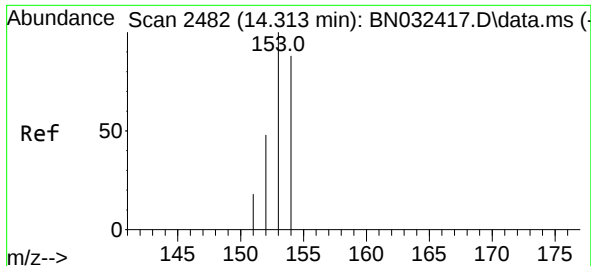
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.529 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

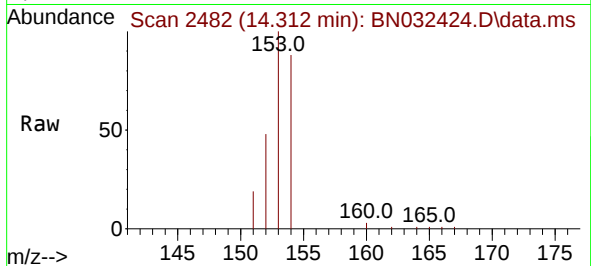
Tgt Ion:152 Resp: 34927
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.312 min Scan# 2482
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

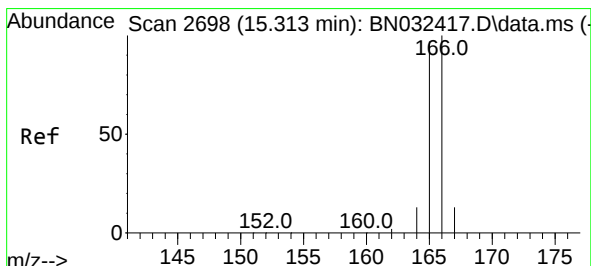
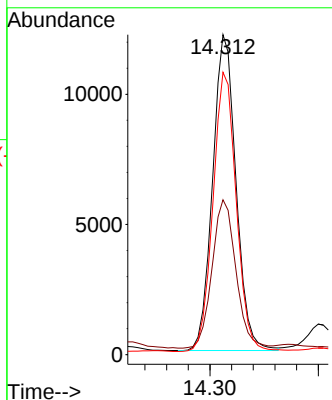
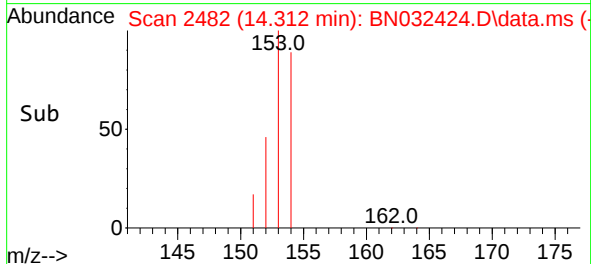
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:153 Resp: 18180
Ion Ratio Lower Upper
153 100
152 48.4 39.5 59.3
154 88.3 71.7 107.5

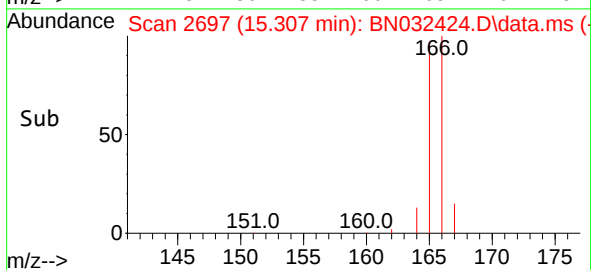
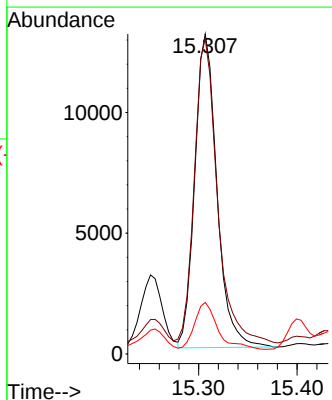
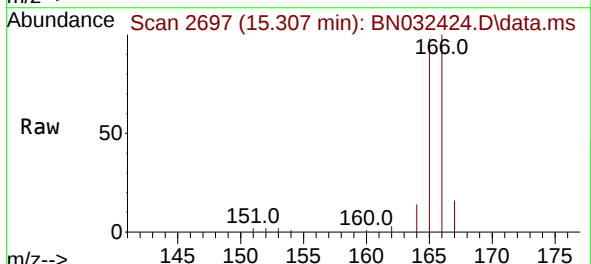
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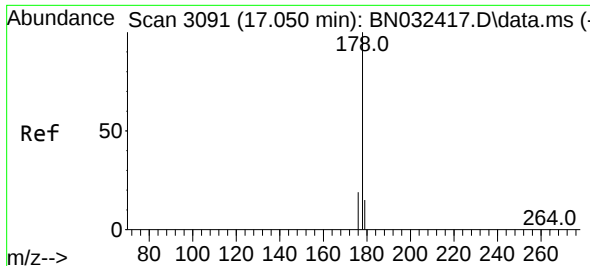
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. -0.006 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

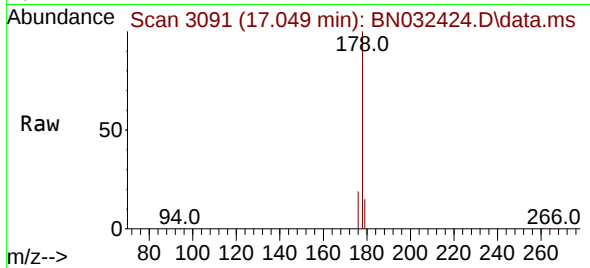
Tgt Ion:166 Resp: 20303
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 16.1 11.0 16.6





#15
Phenanthrene
Concen: 4.412 ng/ul m
RT: 17.049 min Scan# 3091
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

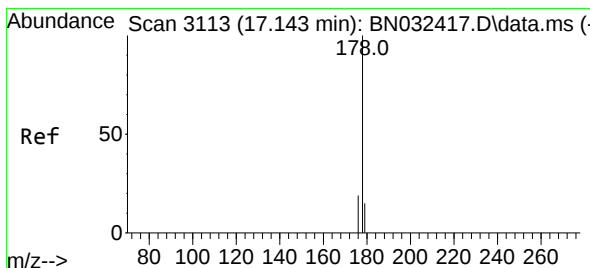
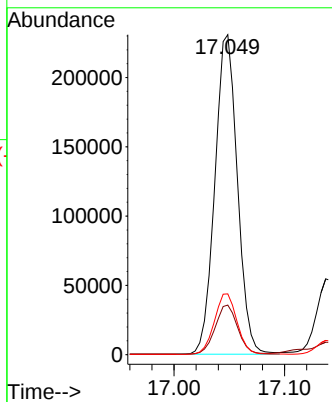
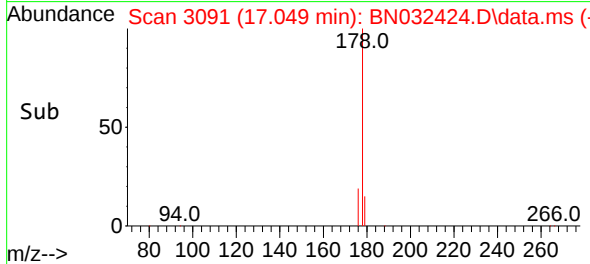
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:178 Resp: 32686
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.6 23.4

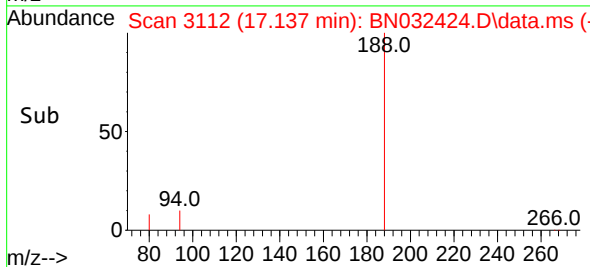
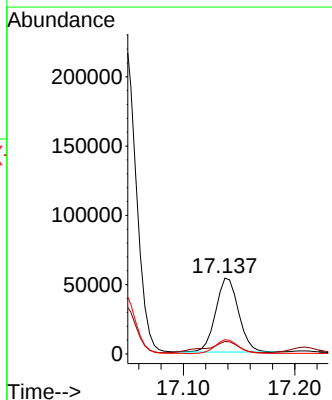
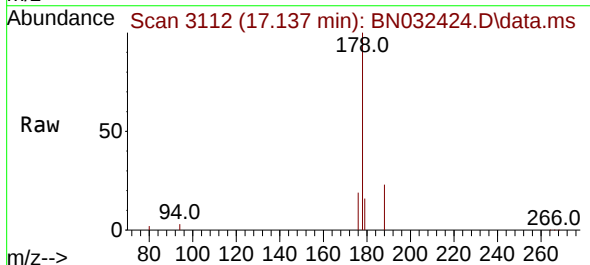
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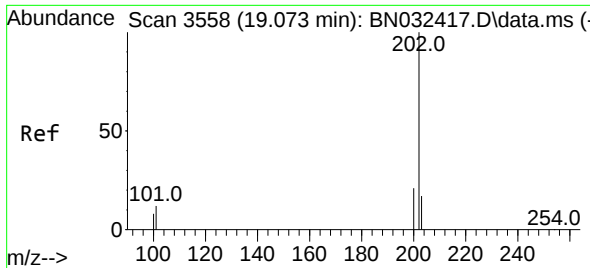
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 1.157 ng/ul m
RT: 17.137 min Scan# 3112
Delta R.T. -0.005 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

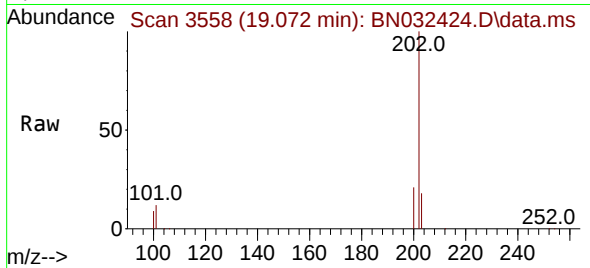
Tgt Ion:178 Resp: 76462
Ion Ratio Lower Upper
178 100
179 16.4 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 7.647 ng/ul m
RT: 19.072 min Scan# 3558
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

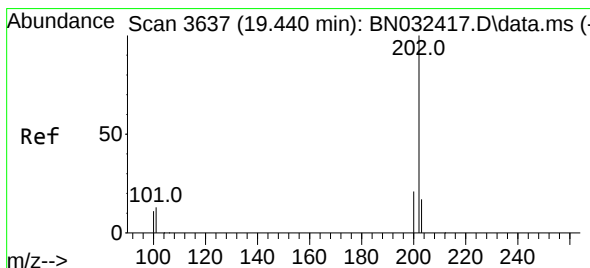
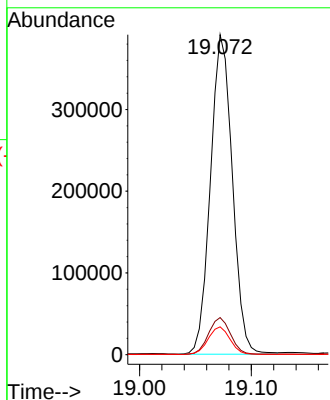
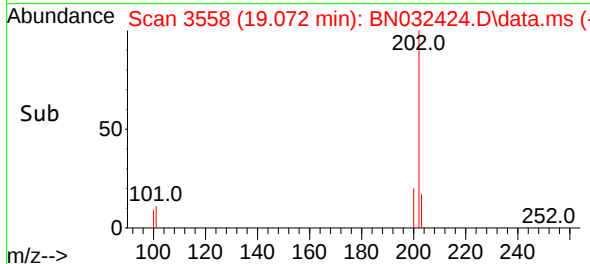
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:202 Resp: 534190
Ion Ratio Lower Upper
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101 11.6 8.8 13.2
100 8.7 6.4 9.6

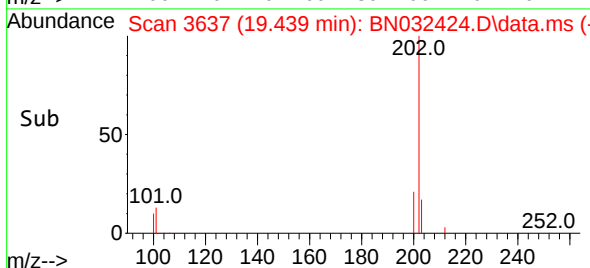
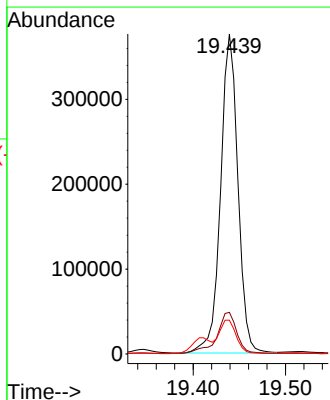
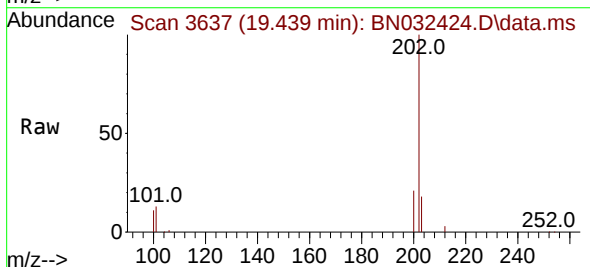
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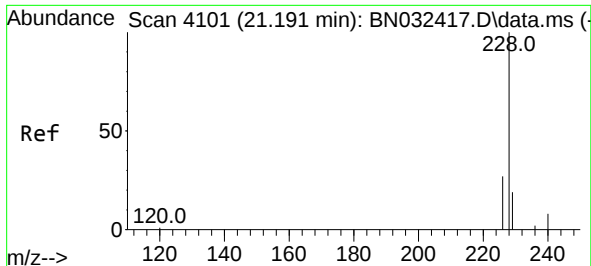
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 6.724 ng/ul m
RT: 19.439 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

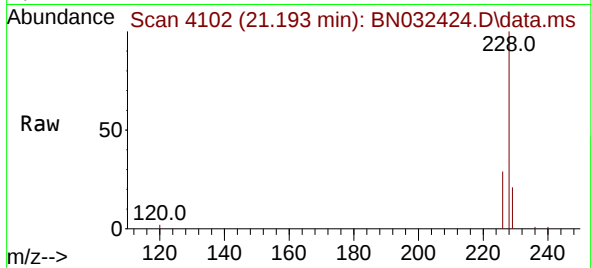
Tgt Ion:202 Resp: 490826
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.846 ng/ul m
RT: 21.193 min Scan# 4101
Delta R.T. 0.002 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

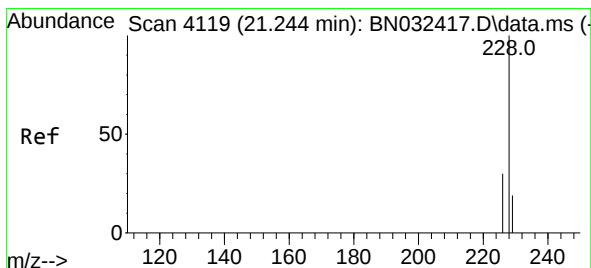
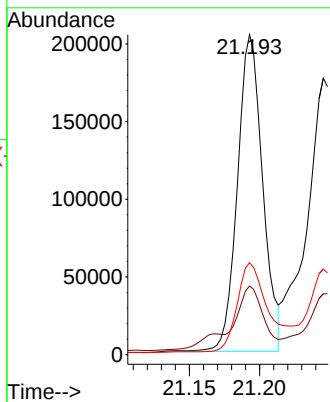
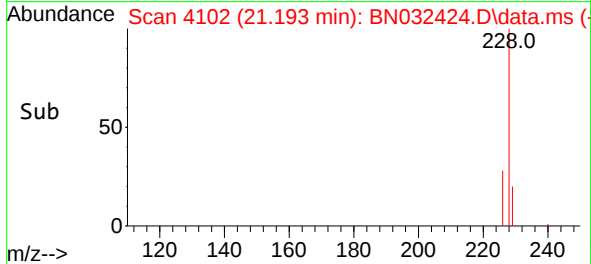
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:228 Resp: 25465
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 28.8 21.8 32.8

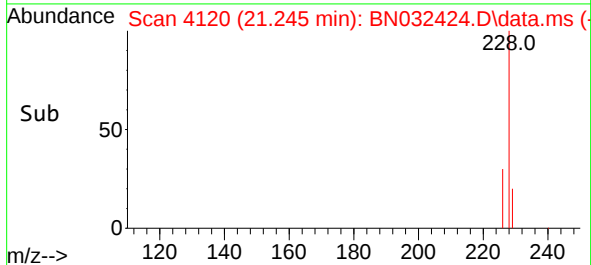
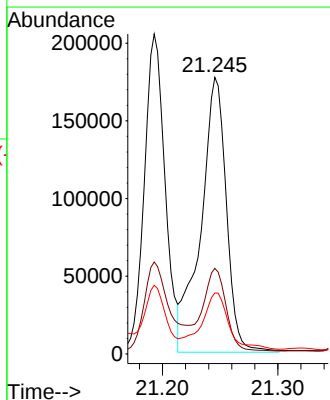
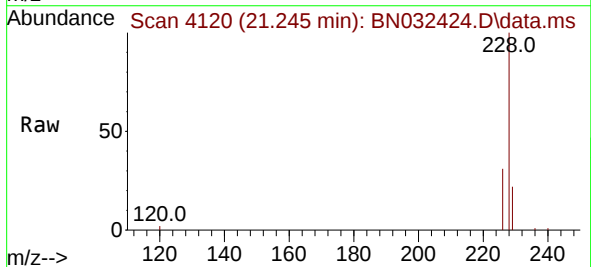
Manual Integrations
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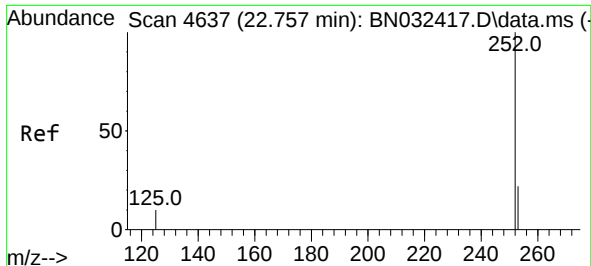
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 3.760 ng/ul m
RT: 21.245 min Scan# 4120
Delta R.T. 0.002 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

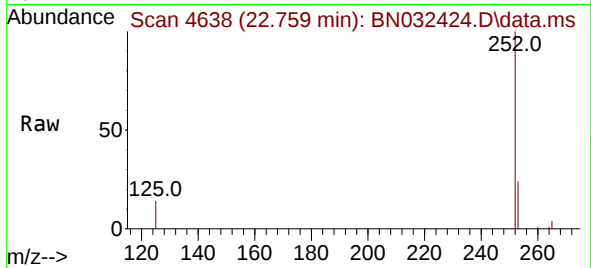
Tgt Ion:228 Resp: 273266
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.097 ng/ul m
RT: 22.759 min Scan# 4638
Delta R.T. 0.002 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

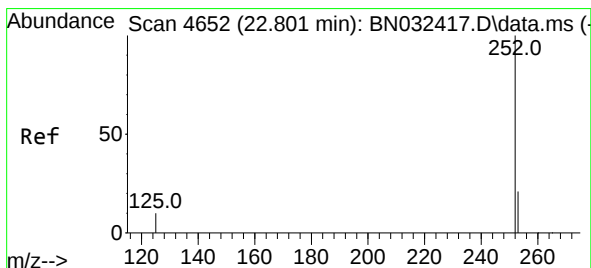
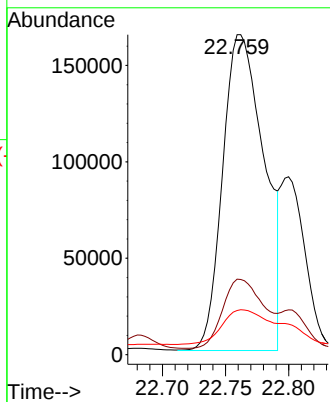
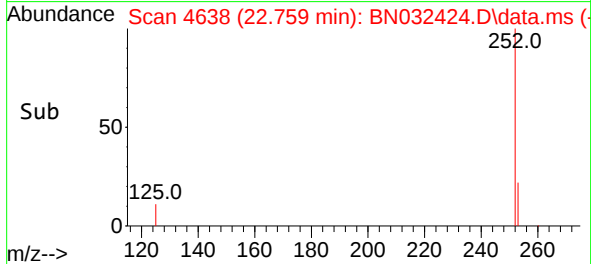
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:252 Resp: 375318
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 13.8 0.0 32.0

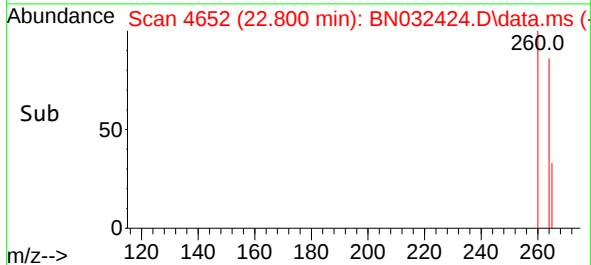
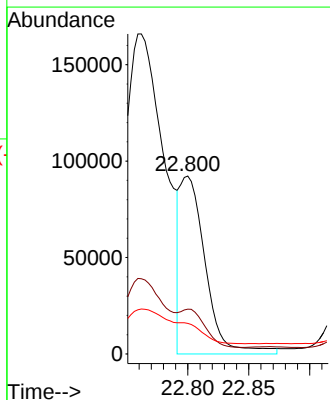
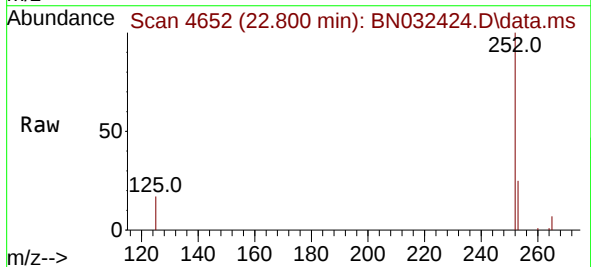
Manual Integrations
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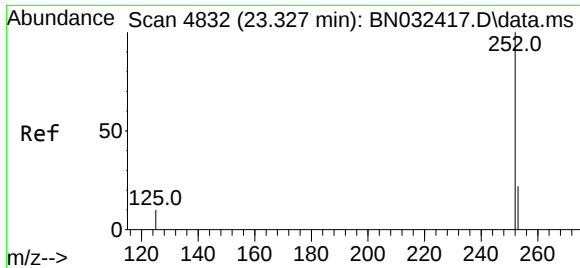
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 1.501 ng/ul m
RT: 22.800 min Scan# 4652
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

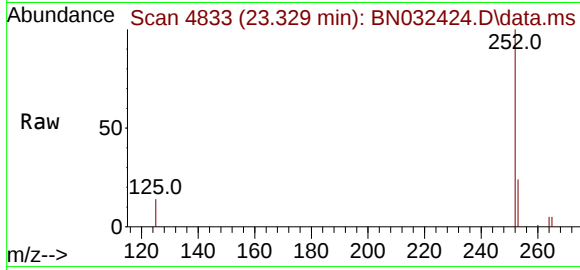
Tgt Ion:252 Resp: 133609
Ion Ratio Lower Upper
252 100
253 25.2 20.3 30.5
125 17.2 12.8 19.2





#26
Benzo(a)pyrene
Concen: 4.458 ng/ul m
RT: 23.329 min Scan# 4833
Delta R.T. 0.002 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

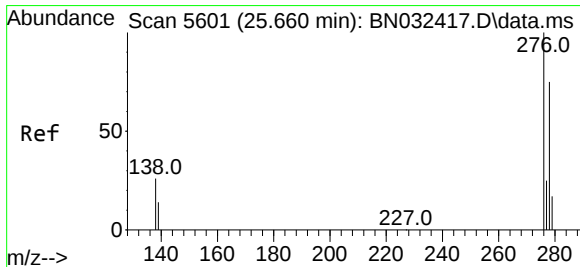
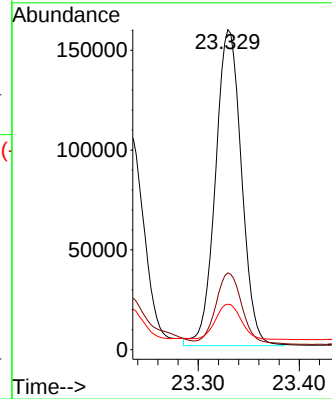
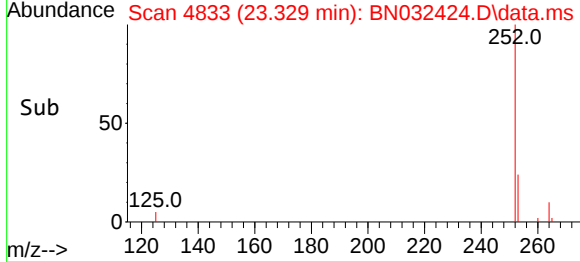
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:252 Resp: 284083
Ion Ratio Lower Upper
252 100
253 24.0 22.2 33.2
125 14.2 16.4 24.6

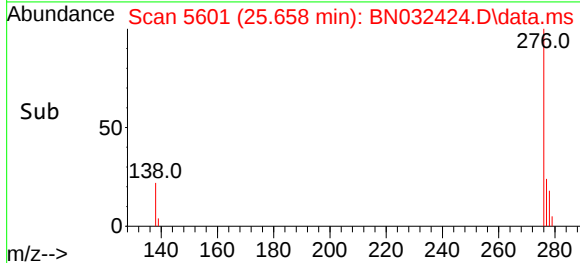
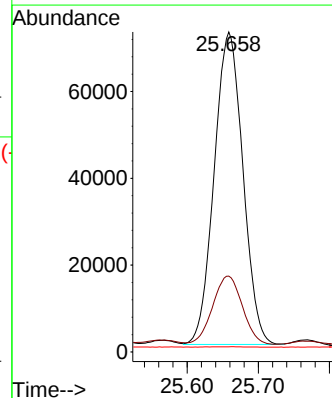
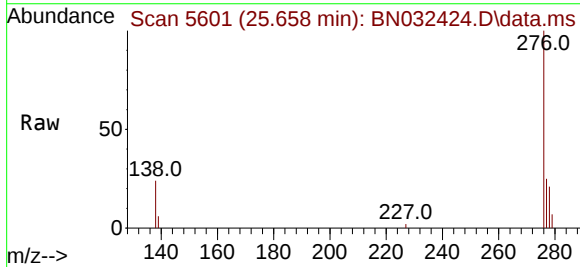
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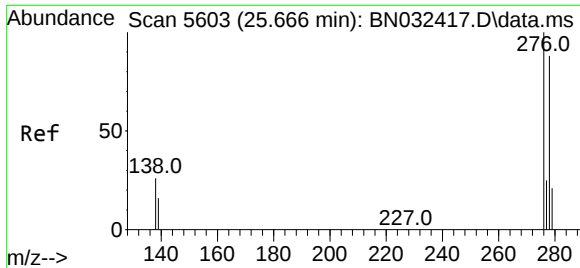
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.021 ng/ul m
RT: 25.658 min Scan# 5601
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

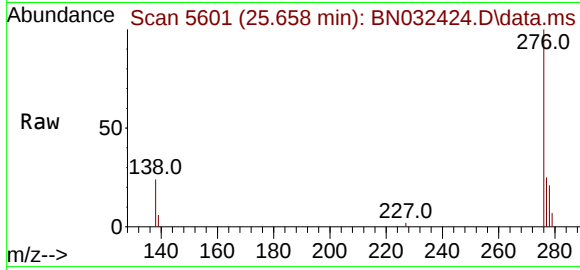
Tgt Ion:276 Resp: 201716
Ion Ratio Lower Upper
276 100
138 3.1 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.725 ng/ul m
RT: 25.658 min Scan# 5601
Delta R.T. -0.008 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

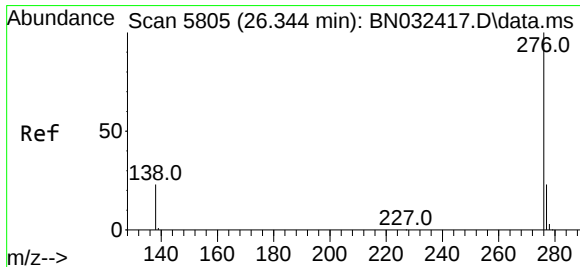
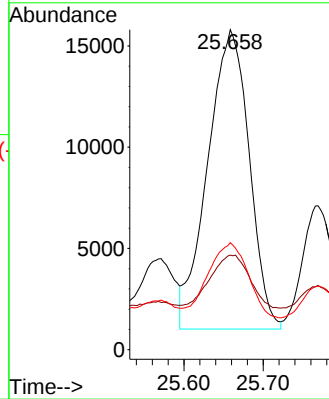
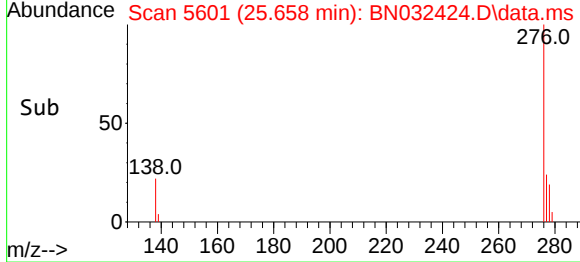
Instrument :
BNA_N
ClientSampleId :
A4CR3



Tgt Ion:278 Resp: 5376
Ion Ratio Lower Upper
278 100
139 29.5 15.9 23.9
279 33.5 21.1 31.7

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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 2.564 ng/ul m
RT: 26.343 min Scan# 5805
Delta R.T. -0.001 min
Lab File: BN032424.D
Acq: 03 Jul 2024 05:46

Tgt Ion:276 Resp: 203762
Ion Ratio Lower Upper
276 100
138 24.6 19.8 29.6
277 25.0 19.8 29.6

