

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032422.D
 Acq On : 03 Jul 2024 04:35
 Operator : MA/JU
 Sample : P2963-06
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ7

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 05:01:45 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	7537	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	24738	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.247	164	15664	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	30290m	0.400	ng/ul	0.00
17) Chrysene-d12	21.210	240	15826m	0.400	ng/ul	0.00
23) Perylene-d12	23.428	264	23292m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	28683	3.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	9744	0.263	ng/ul	0.00
18) Fluoranthene-d10	19.044	212	18908m	0.397	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.425	128	102790	1.570	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	45241	1.043	ng/ul	99
8) 1-Methylnaphthalene	12.272	142	31220	0.694	ng/ul	99
10) Acenaphthylene	13.970	152	138329	2.123	ng/ul	99
11) Acenaphthene	14.312	153	96259	1.904	ng/ul	98
12) Fluorene	15.307	166	108025	1.793	ng/ul	98
14) Pentachlorophenol	16.669	266	988m	0.144	ng/ul	
15) Phenanthrene	17.048	178	1748860m	21.060	ng/ul	
16) Anthracene	17.137	178	402136m	5.429	ng/ul	
19) Fluoranthene	19.077	202	2381015m	39.510	ng/ul	
20) Pyrene	19.439	202	1781546m	28.288	ng/ul	
21) Benzo(a)anthracene	21.193	228	1053913m	18.451	ng/ul	
22) Chrysene	21.248	228	1124102m	17.930	ng/ul	
24) Benzo(b)fluoranthene	22.768	252	1526665m	15.086	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	529205m	5.382	ng/ul	
26) Benzo(a)pyrene	23.332	252	617363m	8.768	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.668	276	613433m	5.564	ng/ul	
28) Dibenzo(a,h)anthracene	25.668	278	222850m	2.721	ng/ul	
29) Benzo(g,h,i)perylene	26.356	276	95864m	1.092	ng/ul	

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

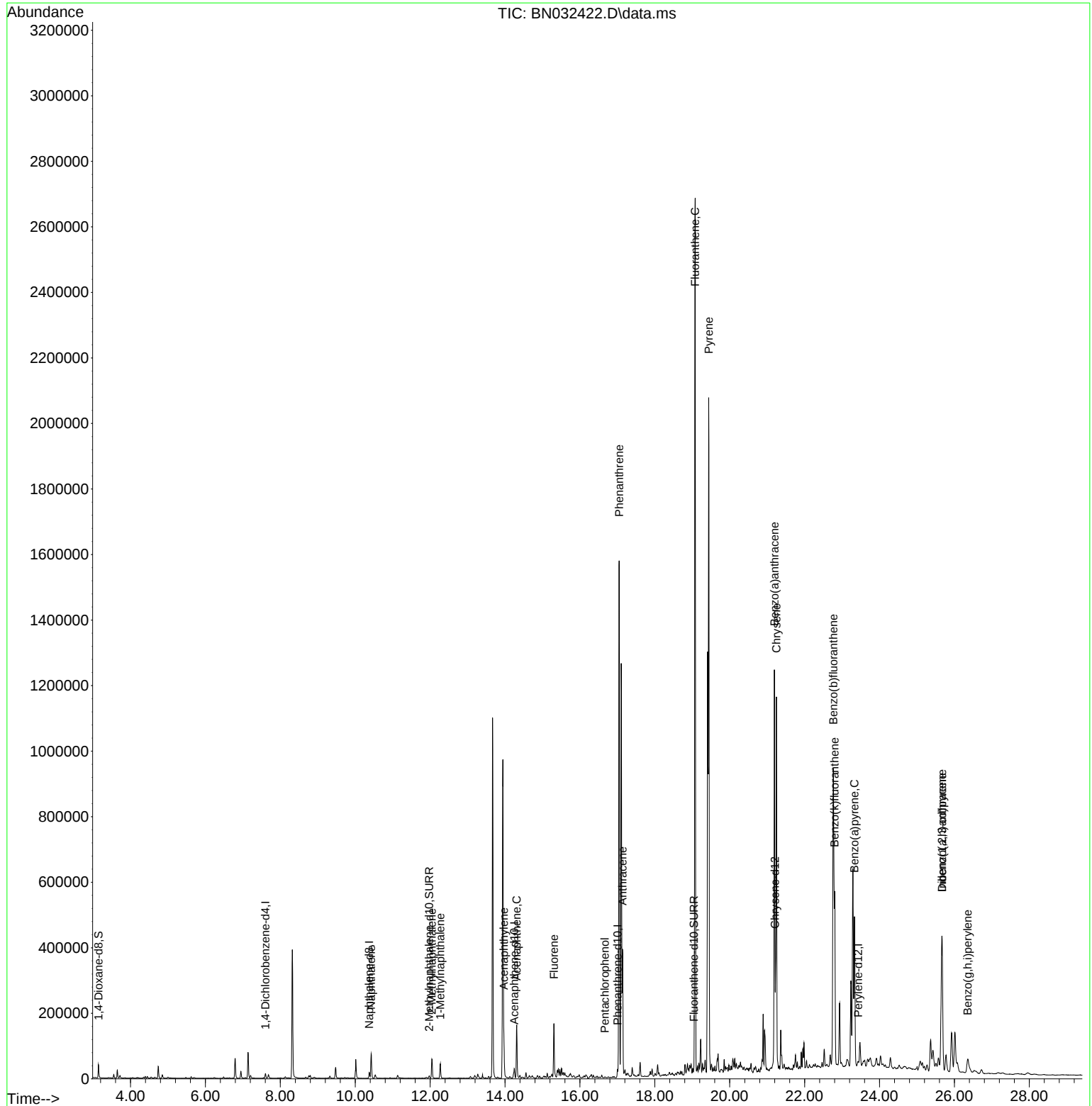
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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Acq On : 03 Jul 2024 04:35
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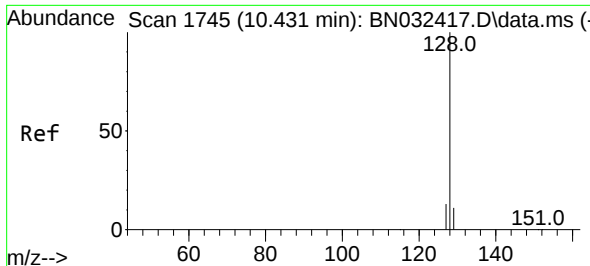
Instrument :
BNA_N
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Quant Time: Jul 03 05:01:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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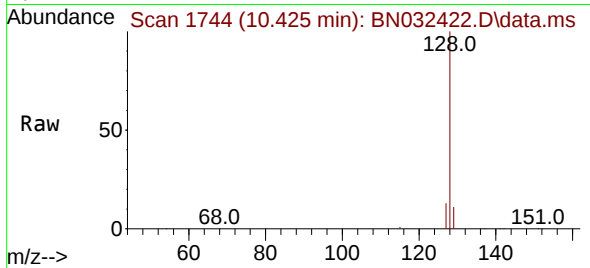
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024





#5
Naphthalene
Concen: 1.570 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. -0.007 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

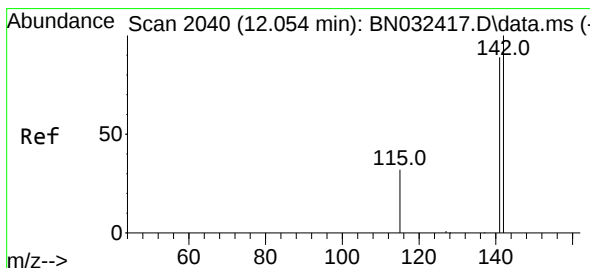
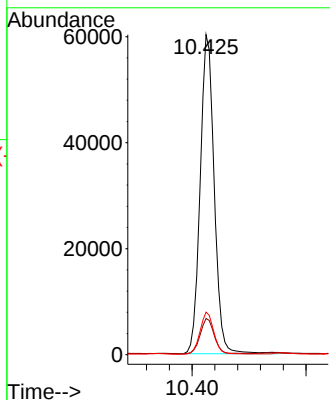
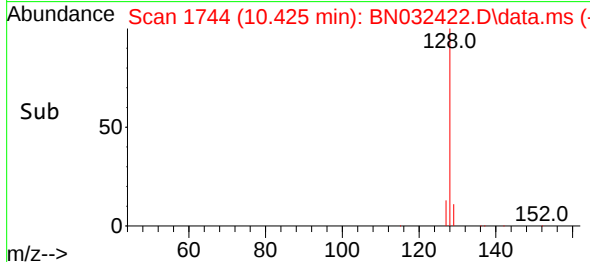
Instrument :
BNA_N
ClientSampleId :
A4CQ7



Tgt Ion:128 Resp: 102790
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.8 16.2

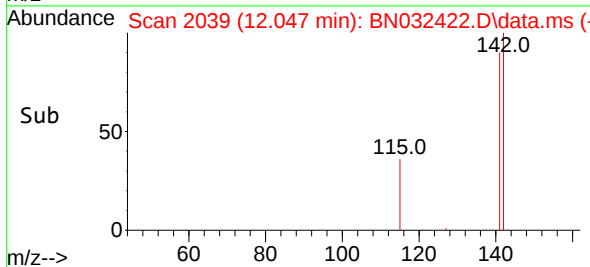
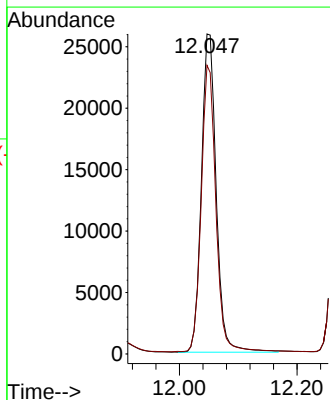
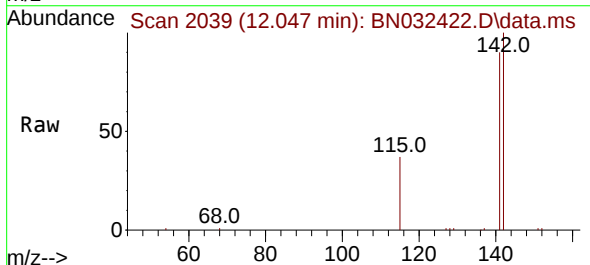
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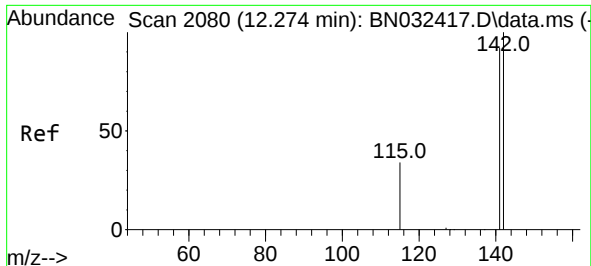
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 1.043 ng/ul
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

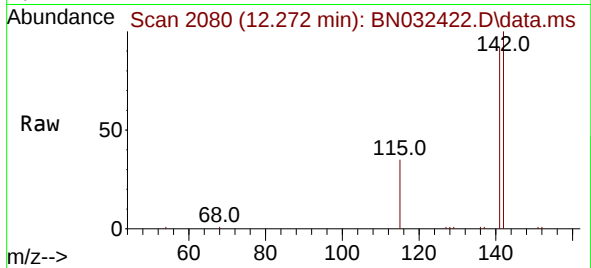
Tgt Ion:142 Resp: 45241
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.694 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

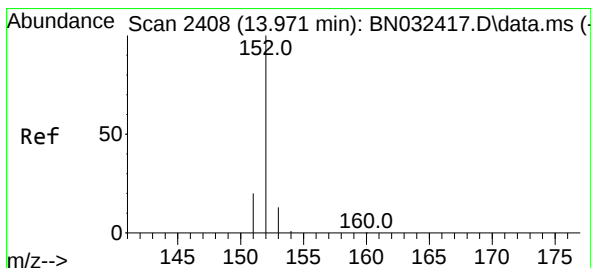
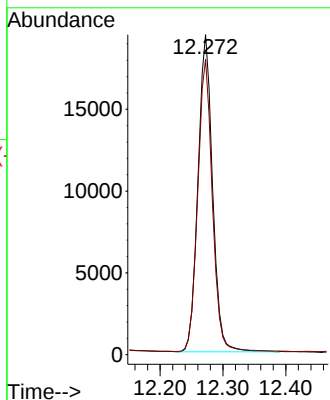
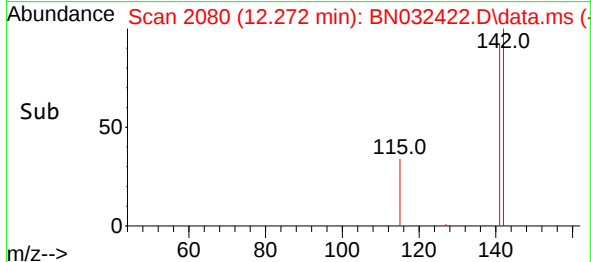
Instrument :
BNA_N
ClientSampleId :
A4CQ7



Tgt Ion:142 Resp: 31220
Ion Ratio Lower Upper
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141 92.4 73.4 110.0

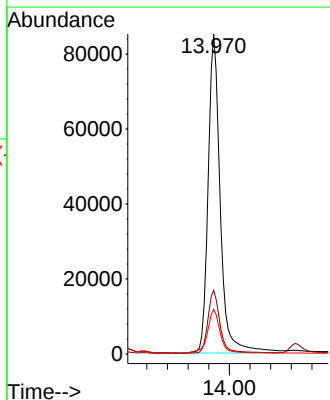
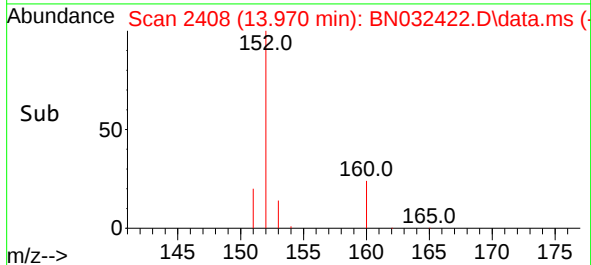
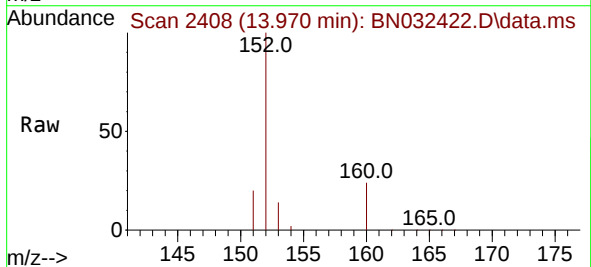
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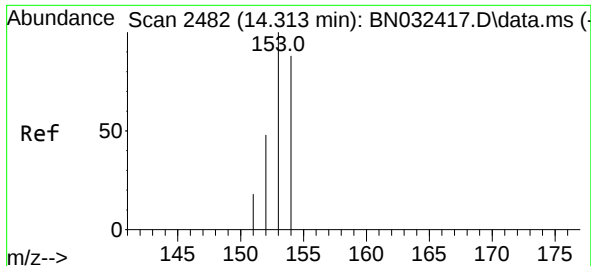
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 2.123 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

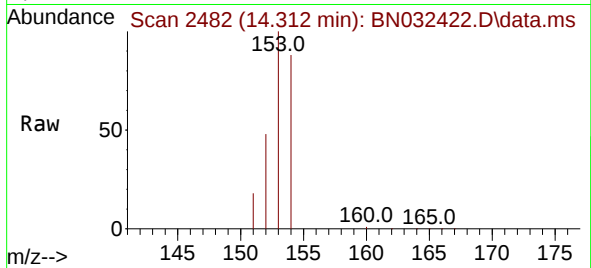
Tgt Ion:152 Resp: 138329
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 1.904 ng/ul
RT: 14.312 min Scan# 2482
Delta R.T. -0.001 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

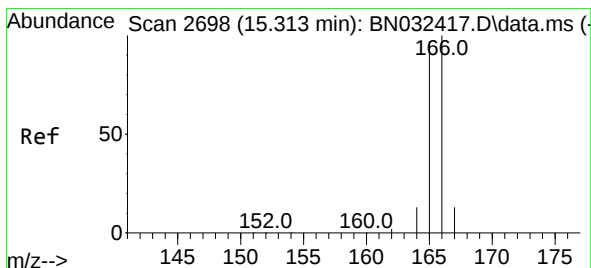
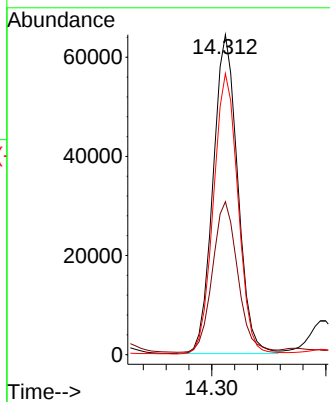
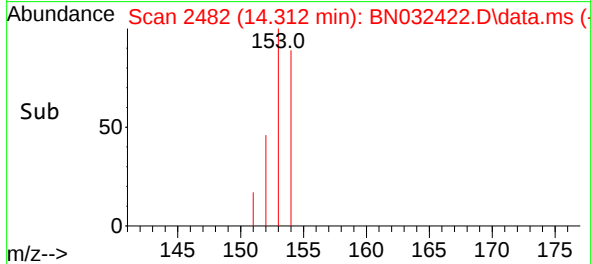
Instrument :
BNA_N
ClientSampleId :
A4CQ7



Tgt Ion:153 Resp: 96259
Ion Ratio Lower Upper
153 100
152 47.8 39.5 59.3
154 87.8 71.7 107.5

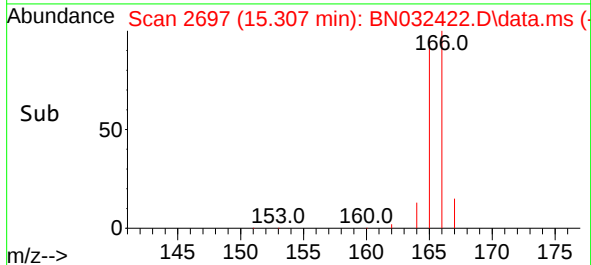
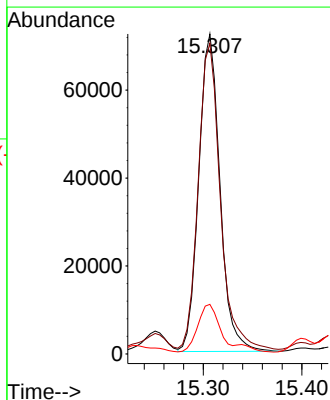
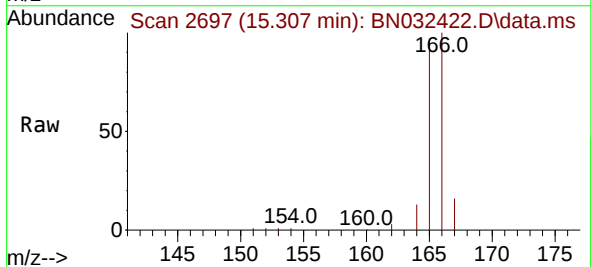
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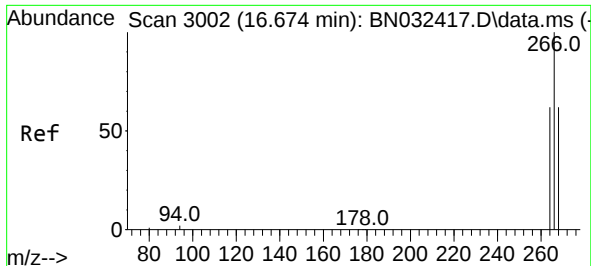
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 1.793 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. -0.006 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

Tgt Ion:166 Resp: 108025
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 15.5 11.0 16.6





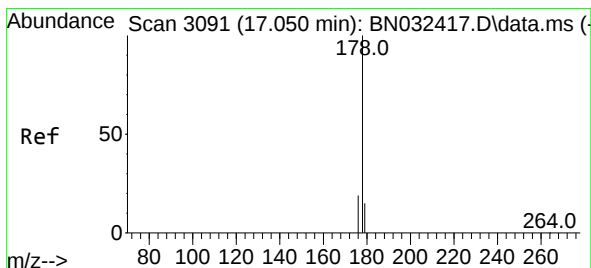
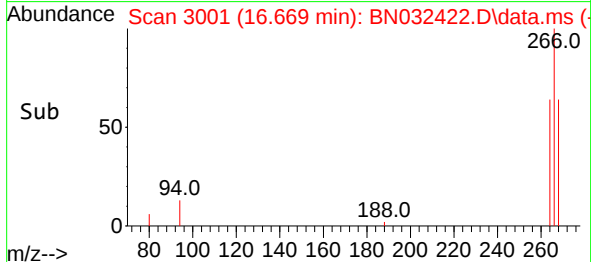
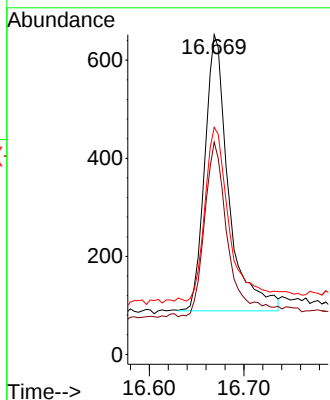
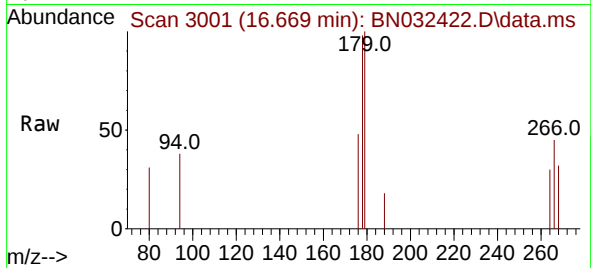
#14
Pentachlorophenol
Concen: 0.144 ng/ul m
RT: 16.669 min Scan# 3001
Delta R.T. -0.005 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

Instrument :
BNA_N
ClientSampleId :
A4CQ7

Tgt Ion:266 Resp: 988
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 2.3 52.4 78.6

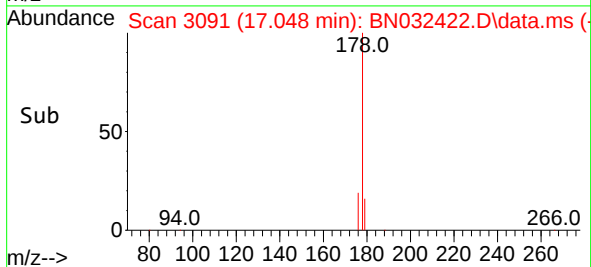
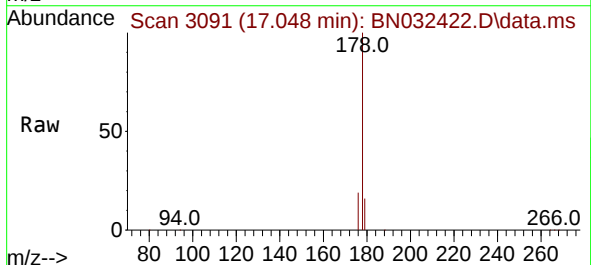
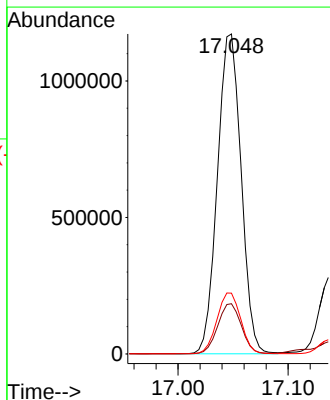
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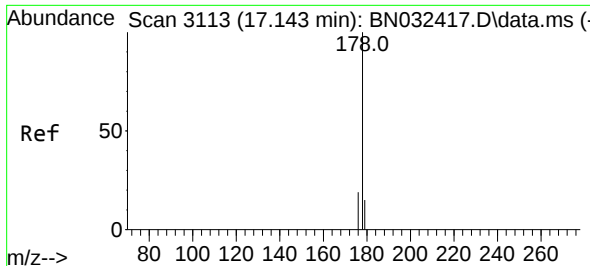
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 21.060 ng/ul m
RT: 17.048 min Scan# 3091
Delta R.T. -0.001 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

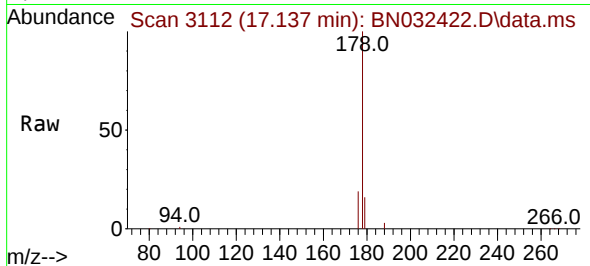
Tgt Ion:178 Resp: 1748860
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 5.429 ng/ul m
 RT: 17.137 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BN032422.D
 Acq: 03 Jul 2024 04:35

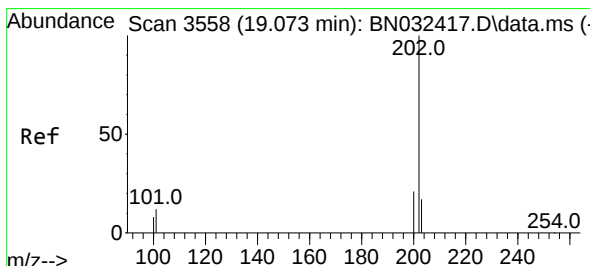
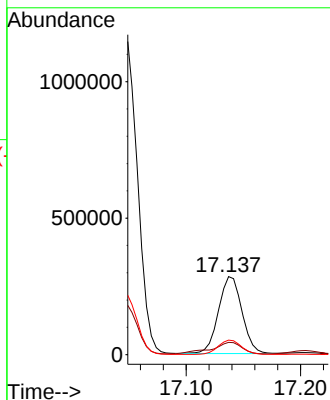
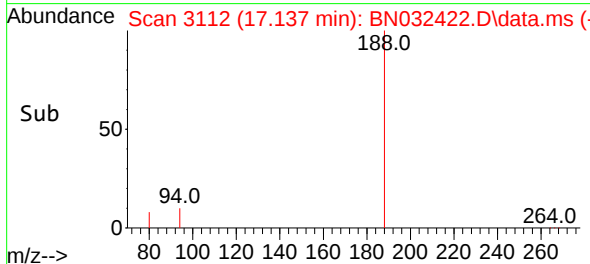
Instrument :
 BNA_N
 ClientSampleId :
 A4CQ7



Tgt Ion:178 Resp: 402130
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.5 18.7
 176 18.6 15.0 22.6

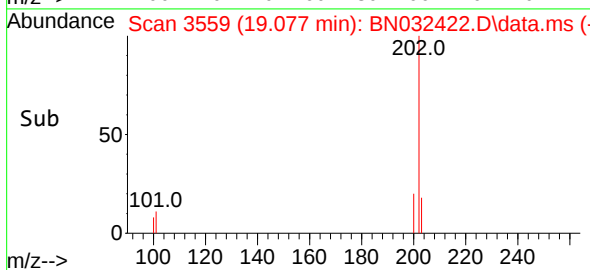
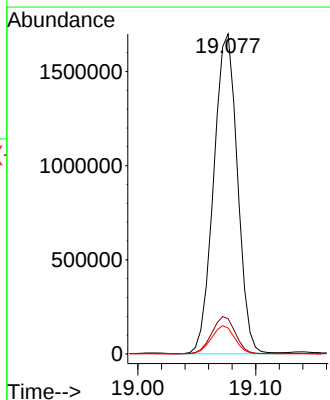
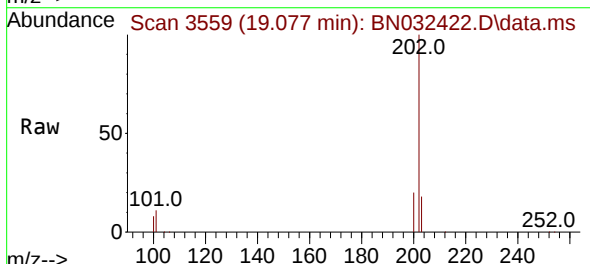
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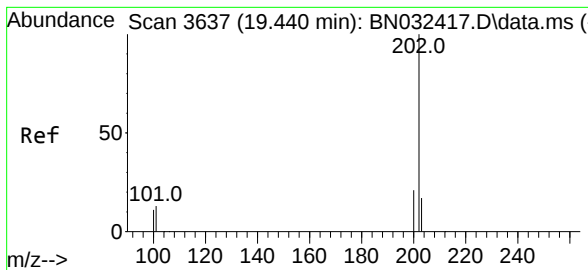
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 39.510 ng/ul m
 RT: 19.077 min Scan# 3559
 Delta R.T. 0.003 min
 Lab File: BN032422.D
 Acq: 03 Jul 2024 04:35

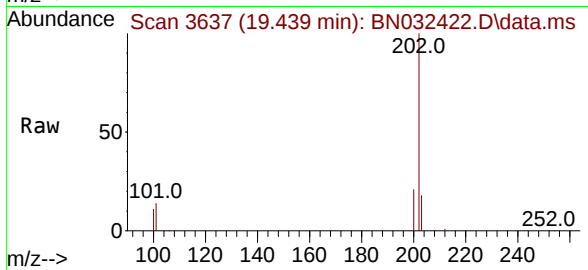
Tgt Ion:202 Resp: 2381015
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.8 13.2
 100 8.1 6.4 9.6





#20
Pyrene
Concen: 28.288 ng/ul m
RT: 19.439 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

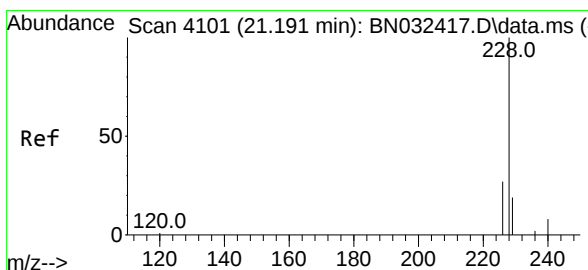
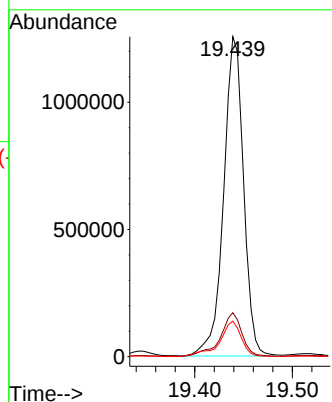
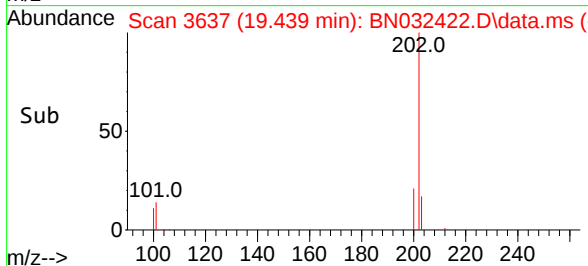
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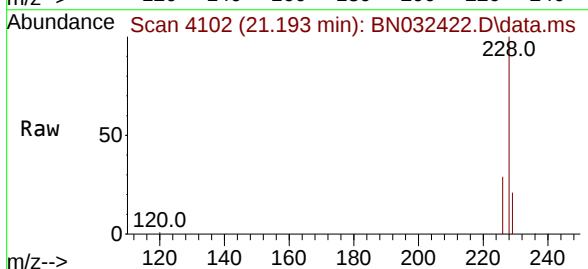
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Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.1 8.7 13.1

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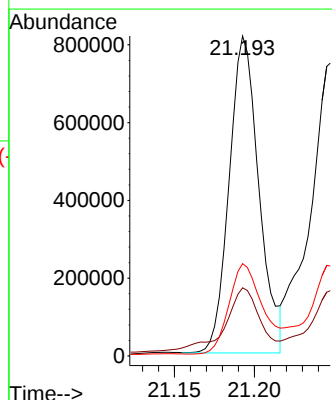
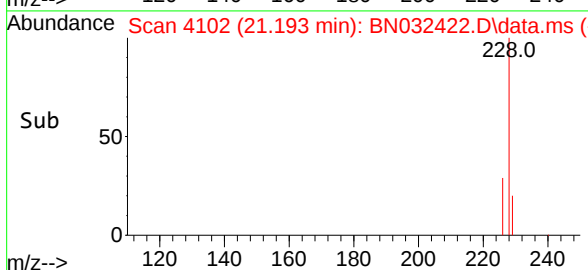
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

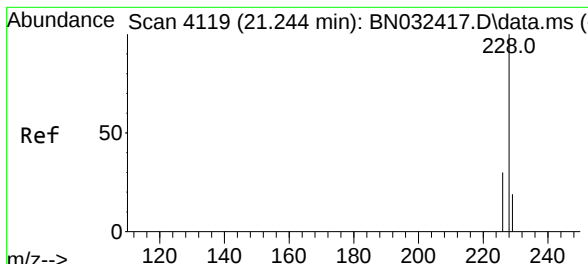


#21
Benzo(a)anthracene
Concen: 18.451 ng/ul m
RT: 21.193 min Scan# 4102
Delta R.T. 0.002 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35



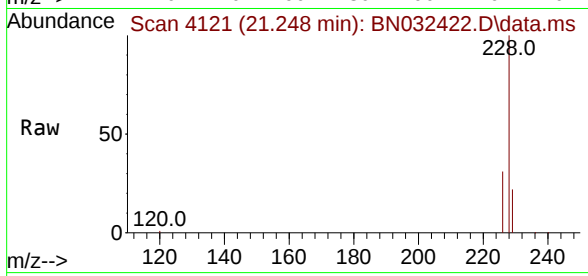
Tgt Ion:228 Resp: 1053913
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 28.9 21.8 32.8





#22
Chrysene
Concen: 17.930 ng/ul m
RT: 21.248 min Scan# 4119
Delta R.T. 0.005 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

Instrument :
BNA_N
ClientSampleId :
A4CQ7

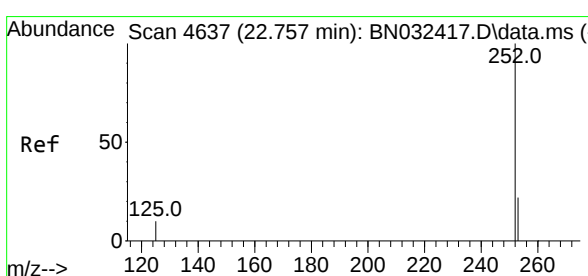
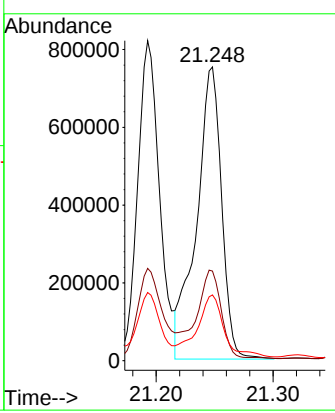
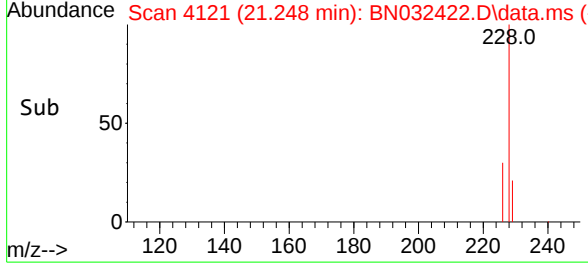


Tgt Ion:228 Resp: 112410

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	22.4	15.7	23.5

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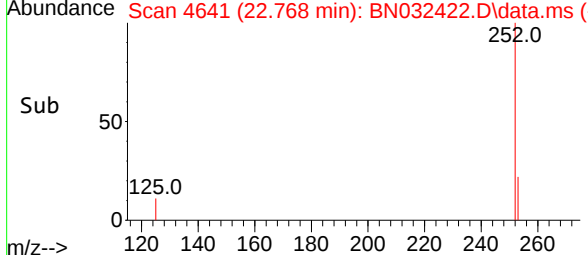
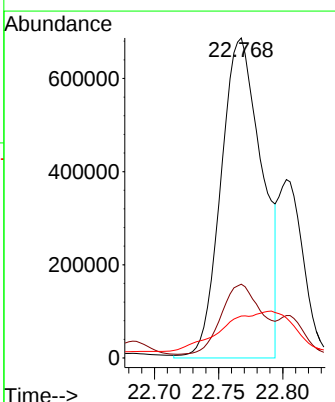
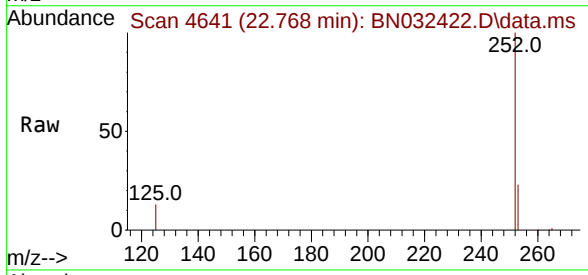
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

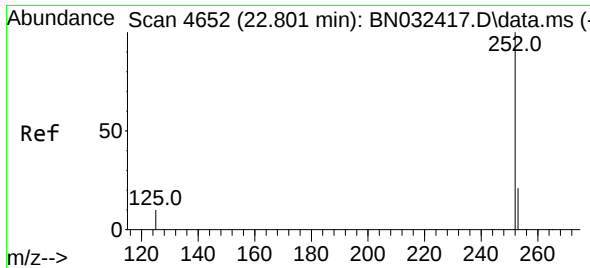


#24
Benzo(b)fluoranthene
Concen: 15.086 ng/ul m
RT: 22.768 min Scan# 4641
Delta R.T. 0.010 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

Tgt Ion:252 Resp: 1526665

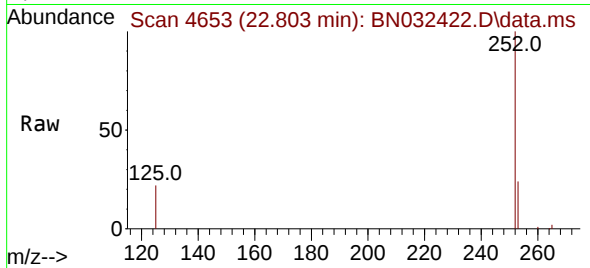
Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	50.2
125	13.1	0.0	32.0





#25
Benzo(k)fluoranthene
Concen: 5.382 ng/ul m
RT: 22.803 min Scan# 4653
Delta R.T. 0.002 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

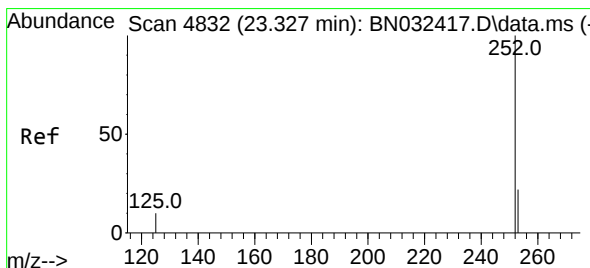
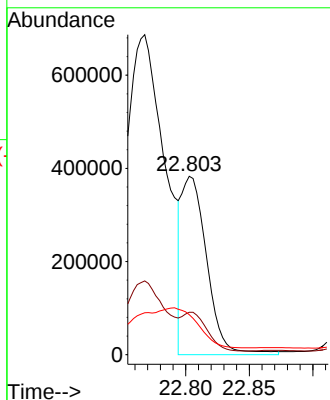
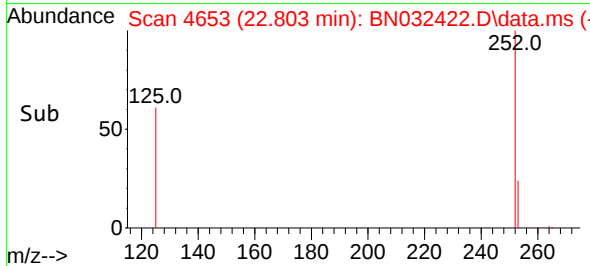
Instrument :
BNA_N
ClientSampleId :
A4CQ7



Tgt Ion:252 Resp: 529205
Ion Ratio Lower Upper
252 100
253 23.8 20.3 30.5
125 22.4 12.8 19.2

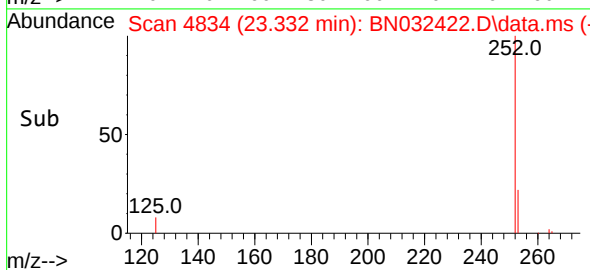
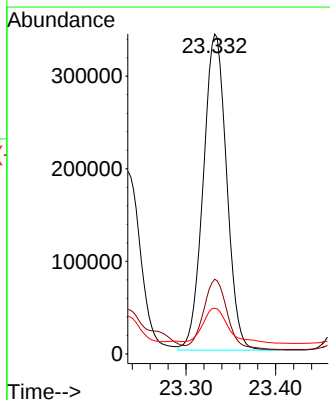
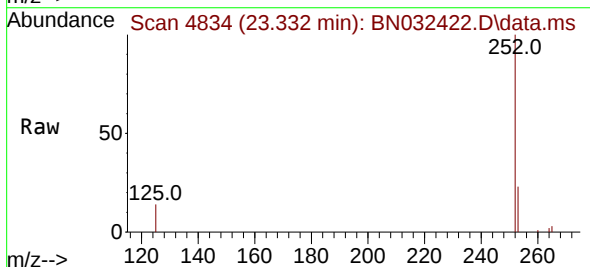
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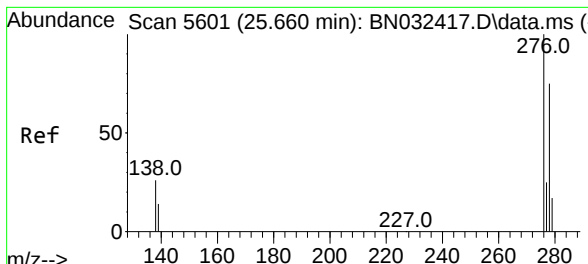
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 8.768 ng/ul m
RT: 23.332 min Scan# 4834
Delta R.T. 0.005 min
Lab File: BN032422.D
Acq: 03 Jul 2024 04:35

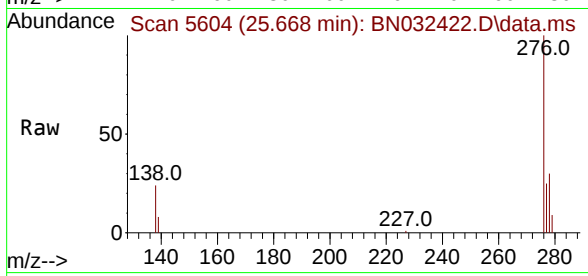
Tgt Ion:252 Resp: 617363
Ion Ratio Lower Upper
252 100
253 23.3 22.2 33.2
125 14.3 16.4 24.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.564 ng/ul m
 RT: 25.668 min Scan# 5601
 Delta R.T. 0.009 min
 Lab File: BN032422.D
 Acq: 03 Jul 2024 04:35

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ7

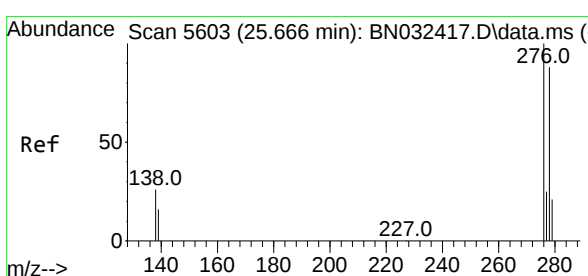
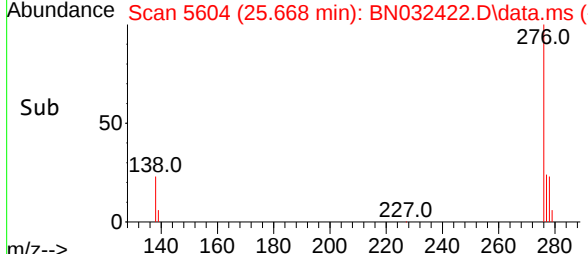
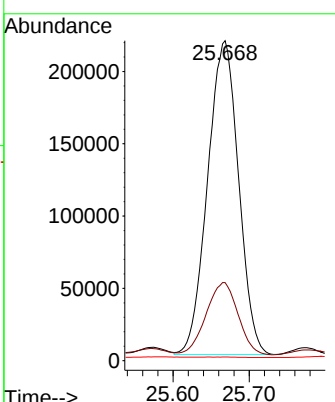


Tgt Ion: 276 Resp: 61343

Ion	Ratio	Lower	Upper
276	100		
138	2.2	21.3	31.9
227	0.0	0.1	0.1

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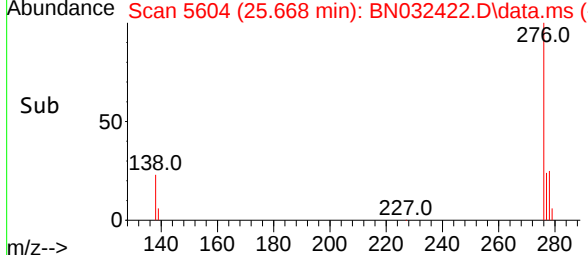
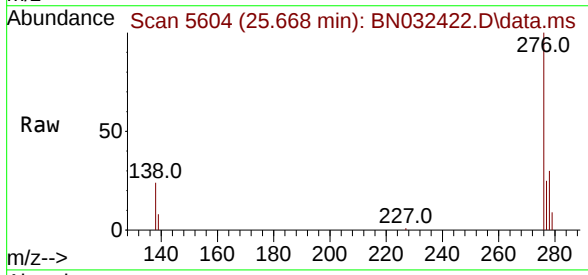
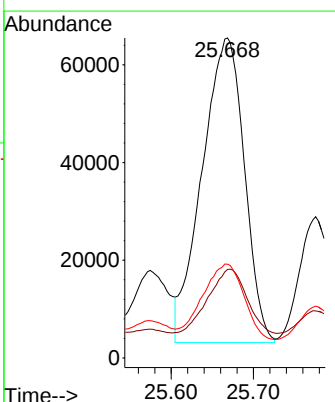
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

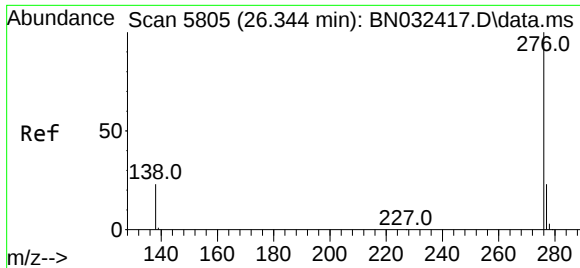


#28
 Dibenzo(a,h)anthracene
 Concen: 2.721 ng/ul m
 RT: 25.668 min Scan# 5604
 Delta R.T. 0.002 min
 Lab File: BN032422.D
 Acq: 03 Jul 2024 04:35

Tgt Ion: 278 Resp: 222850

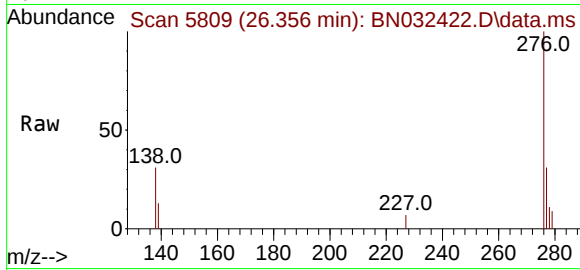
Ion	Ratio	Lower	Upper
278	100		
139	27.7	15.9	23.9
279	29.3	21.1	31.7





#29
 Benzo(g,h,i)perylene
 Concen: 1.092 ng/ul m
 RT: 26.356 min Scan# 5809
 Delta R.T. 0.012 min
 Lab File: BN032422.D
 Acq: 03 Jul 2024 04:35

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ7



Tgt Ion: 276 Resp: 95864

Ion	Ratio	Lower	Upper
276	100		
138	31.5	19.8	29.6
277	30.9	19.8	29.6

Manual Integrations
 APPROVED

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

