

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032404.D
 Acq On : 02 Jul 2024 17:11
 Operator : MA/JU
 Sample : P2871-08
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C57

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 23:55:20 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8967	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	28827	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	17720	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	32803m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	18371m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	24239m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	26587	2.667	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	9499	0.220	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	16533m	0.299	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	55297	0.725	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	24841	0.491	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	18420	0.351	ng/ul	98
10) Acenaphthylene	13.971	152	96649	1.311	ng/ul	99
11) Acenaphthene	14.313	153	45044	0.788	ng/ul	98
12) Fluorene	15.308	166	53237	0.781	ng/ul	98
15) Phenanthrene	17.046	178	981076m	10.909	ng/ul	
16) Anthracene	17.139	178	219698m	2.739	ng/ul	
19) Fluoranthene	19.073	202	1454274m	20.789	ng/ul	
20) Pyrene	19.440	202	1139586m	15.588	ng/ul	
21) Benzo(a)anthracene	21.194	228	633180m	9.549	ng/ul	
22) Chrysene	21.250	228	671209m	9.223	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	895665m	8.505	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	297288m	2.906	ng/ul	
26) Benzo(a)pyrene	23.333	252	391332m	5.341	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	365865m	3.189	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	122496m	1.437	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	56436m	0.618	ng/ul	

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

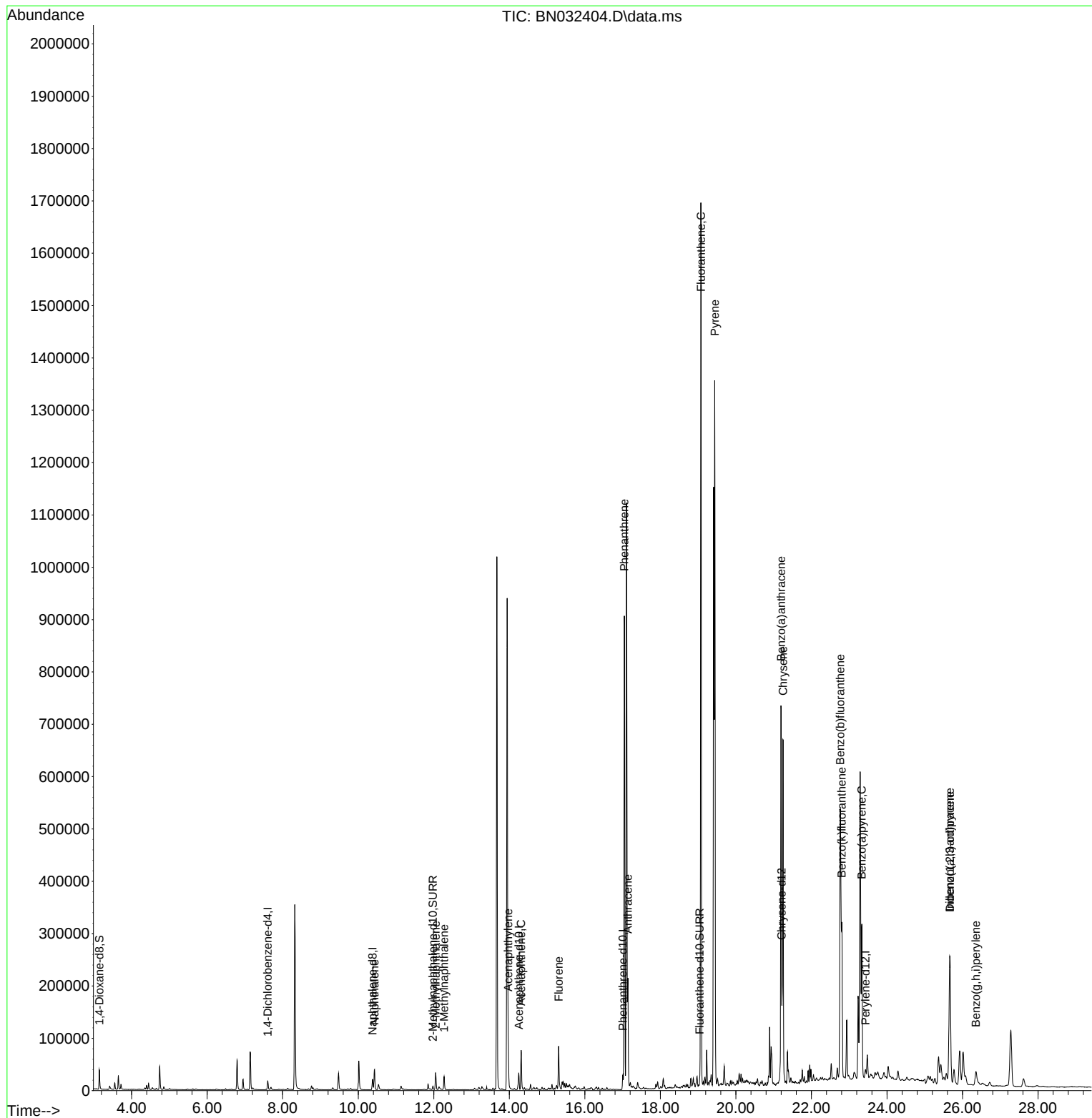
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032404.D
Acq On : 02 Jul 2024 17:11
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

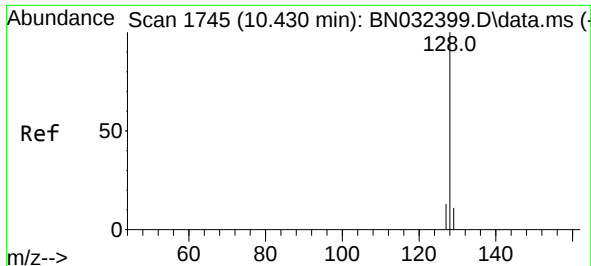
Instrument :
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Supervised By :mohammad ahmed 07/04/2024

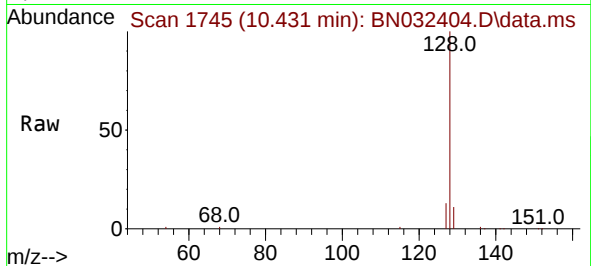
Quant Time: Jul 02 23:55:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.725 ng/ul
RT: 10.431 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

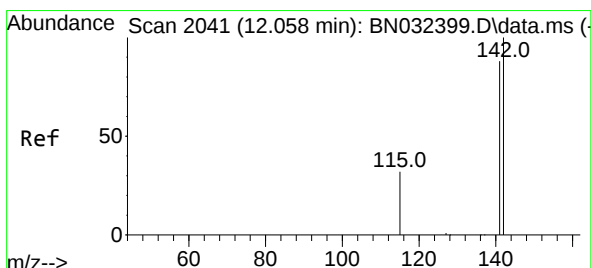
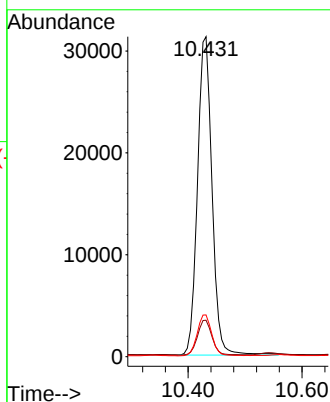
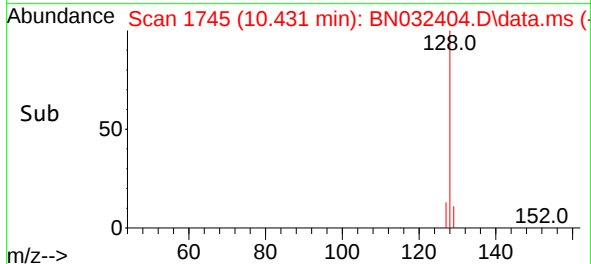
Instrument :
BNA_N
ClientSampleId :
A4C57



Tgt Ion:128 Resp: 5529
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.1 10.8 16.2

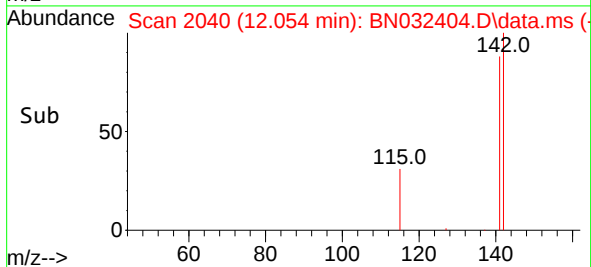
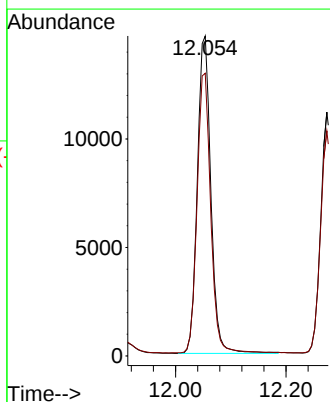
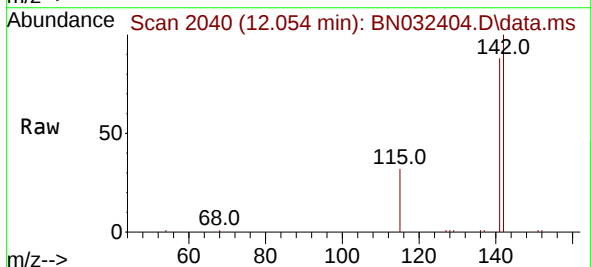
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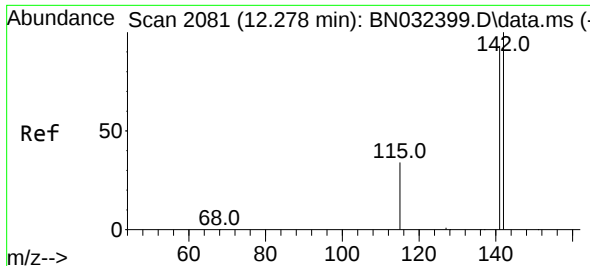
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.491 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

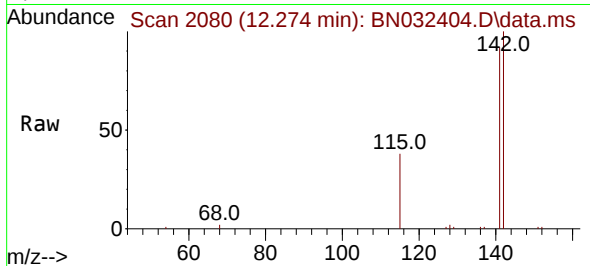
Tgt Ion:142 Resp: 24841
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

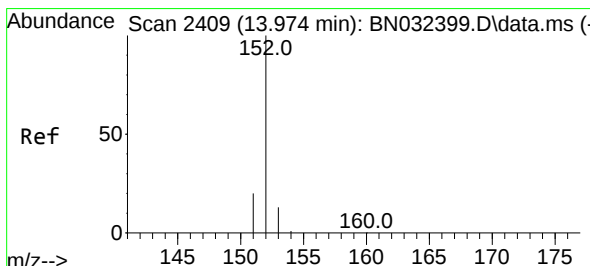
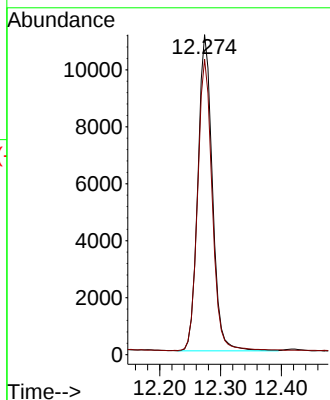
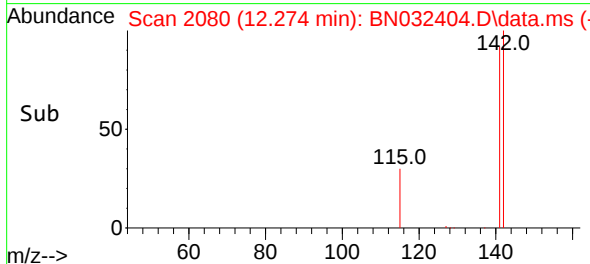
Instrument :
BNA_N
ClientSampleId :
A4C57



Tgt Ion:142 Resp: 18420
Ion Ratio Lower Upper
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141 93.2 73.4 110.0

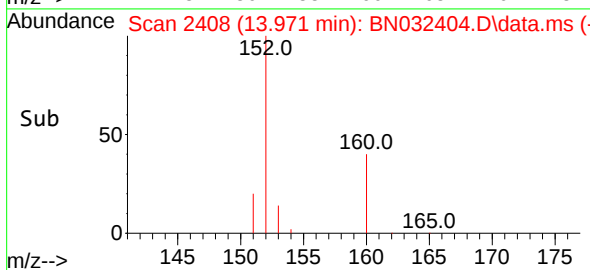
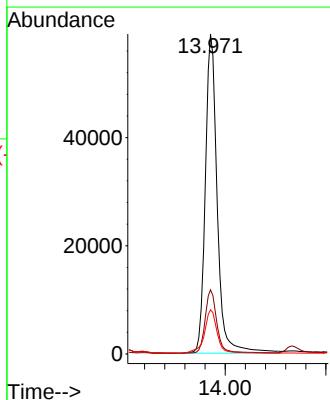
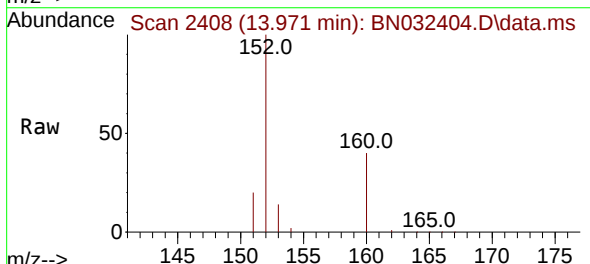
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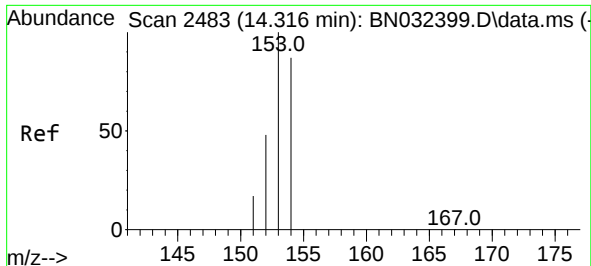
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 1.311 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

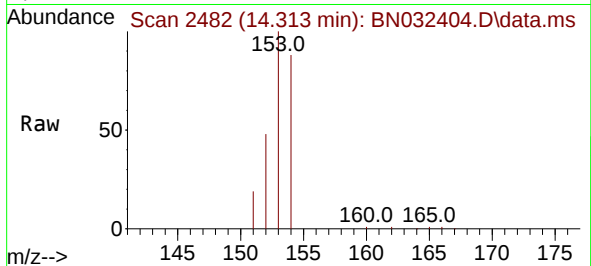
Tgt Ion:152 Resp: 96649
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.788 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

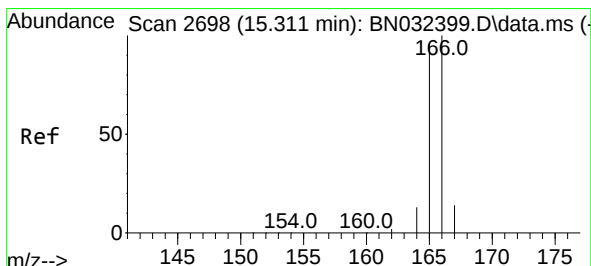
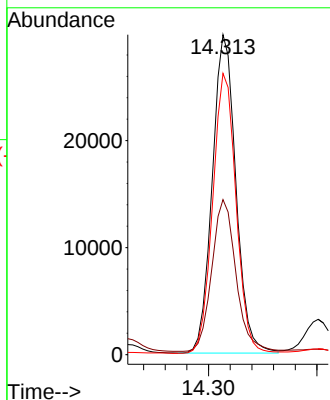
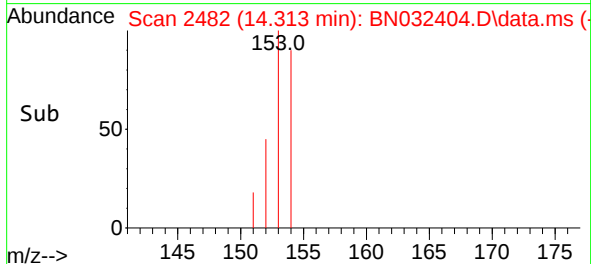
Instrument :
BNA_N
ClientSampleId :
A4C57



Tgt Ion:153 Resp: 45044
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 87.9 71.7 107.5

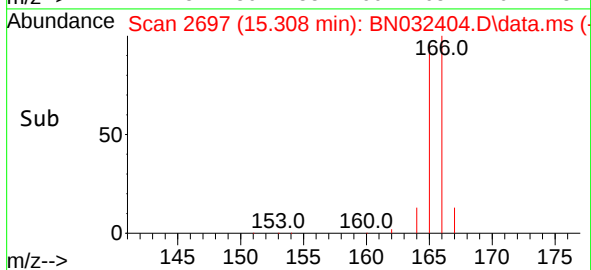
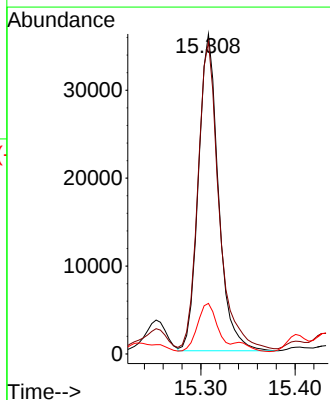
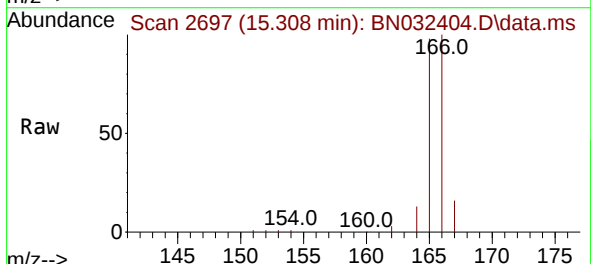
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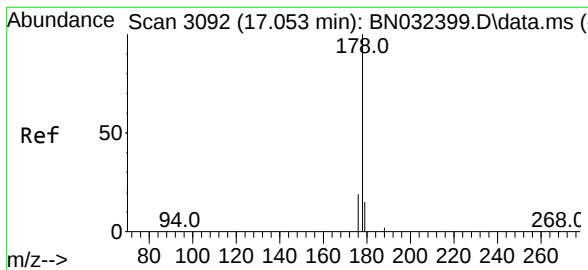
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.781 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.018 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

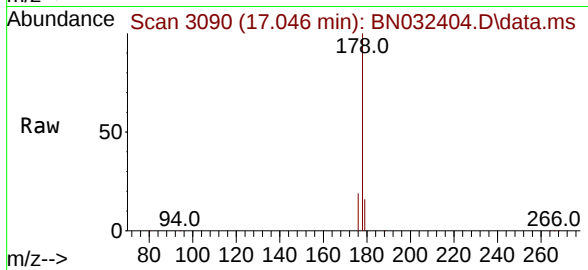
Tgt Ion:166 Resp: 53237
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.6
167 15.8 11.0 16.6





#15
Phenanthrene
Concen: 10.909 ng/ul m
RT: 17.046 min Scan# 3090
Delta R.T. -0.021 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

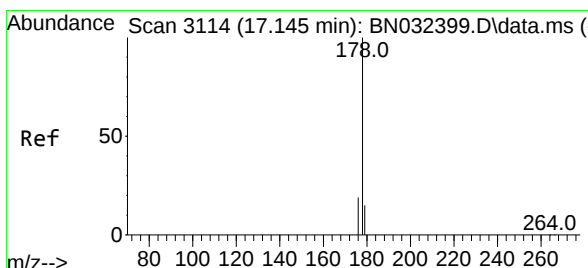
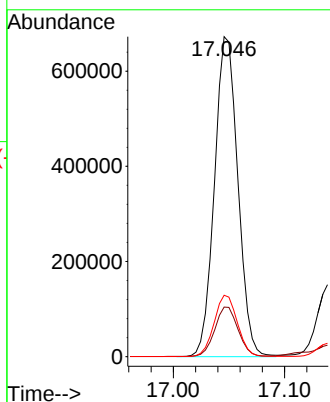
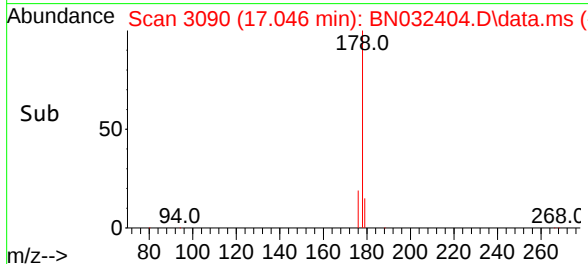
Instrument :
BNA_N
ClientSampleId :
A4C57



Tgt Ion:178 Resp: 981070
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

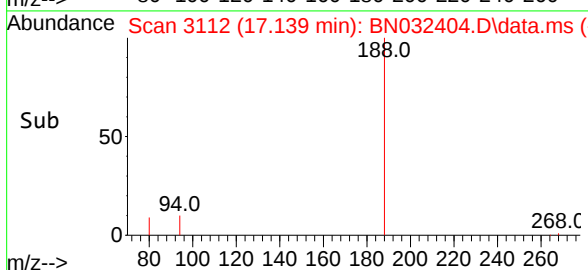
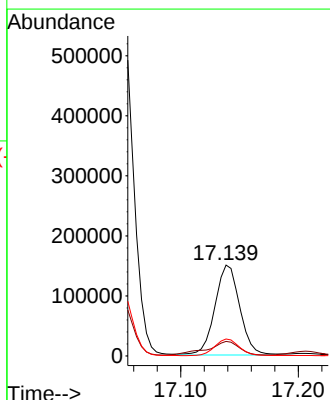
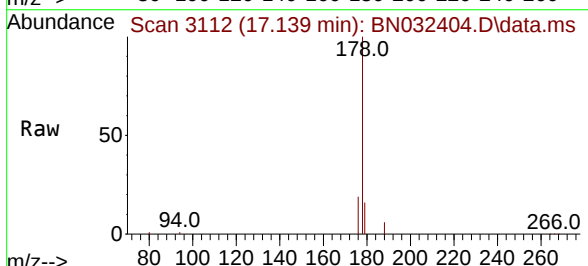
Manual Integrations
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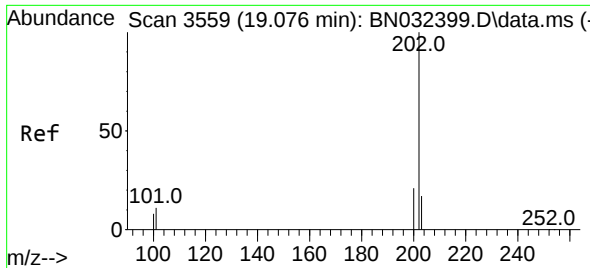
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 2.739 ng/ul m
RT: 17.139 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

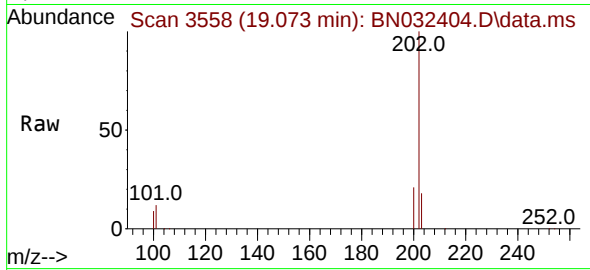
Tgt Ion:178 Resp: 219698
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 20.789 ng/ul m
RT: 19.073 min Scan# 3559
Delta R.T. -0.019 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

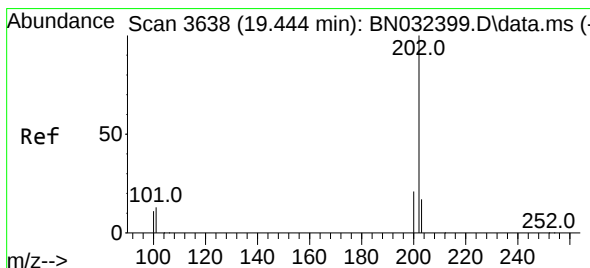
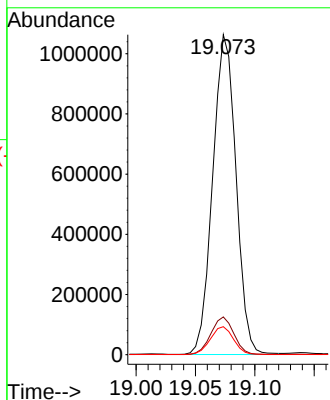
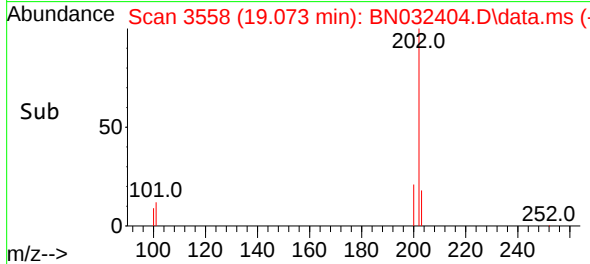
Instrument :
BNA_N
ClientSampleId :
A4C57



Tgt Ion:202 Resp: 1454274
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.8 6.4 9.6

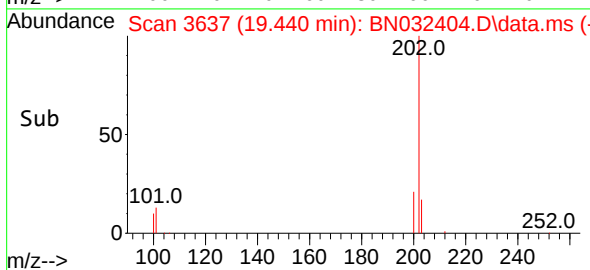
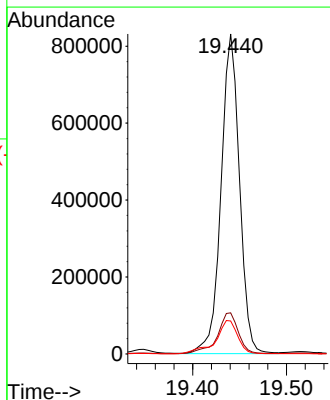
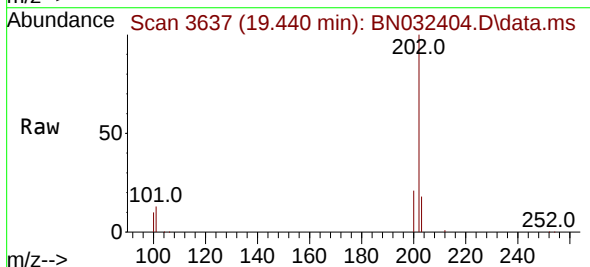
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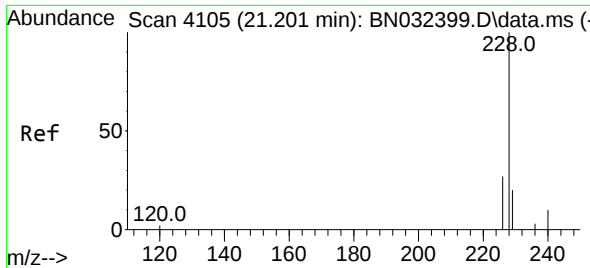
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 15.588 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

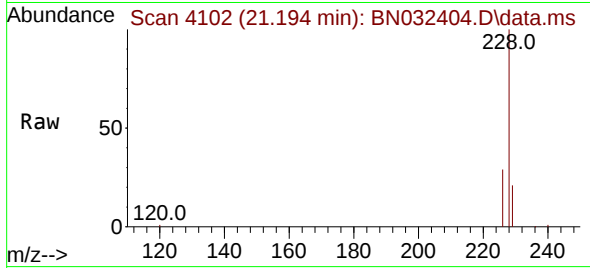
Tgt Ion:202 Resp: 1139586
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 9.549 ng/ul m
RT: 21.194 min Scan# 4105
Delta R.T. -0.020 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

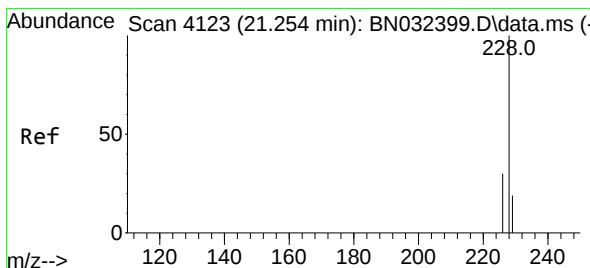
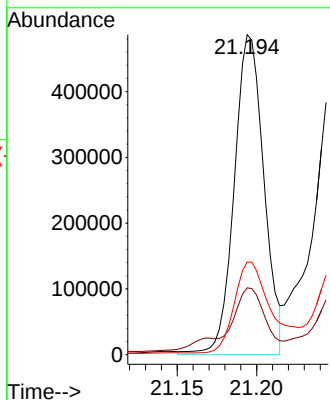
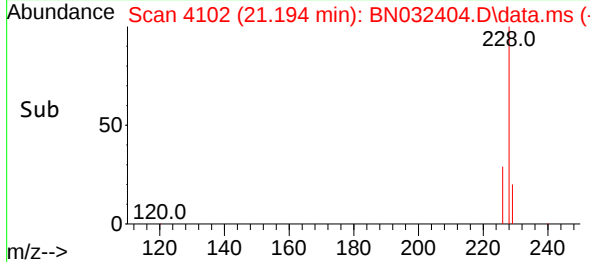
Instrument :
BNA_N
ClientSampleId :
A4C57



Tgt Ion:228 Resp: 633180
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.9 21.8 32.8

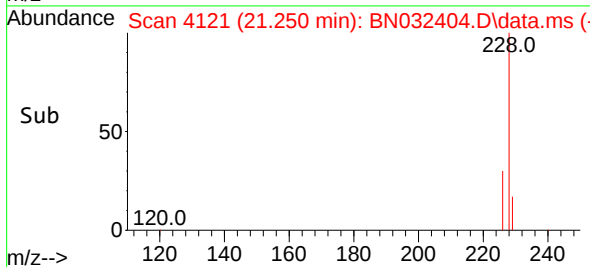
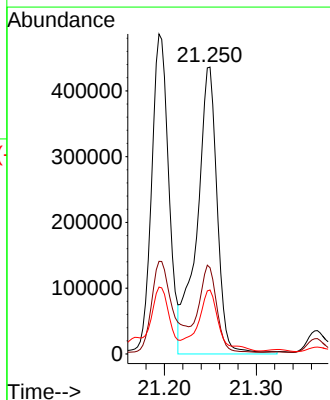
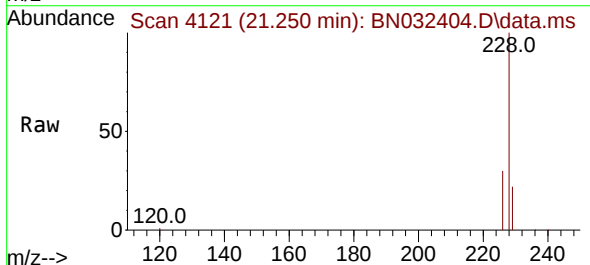
Manual Integrations
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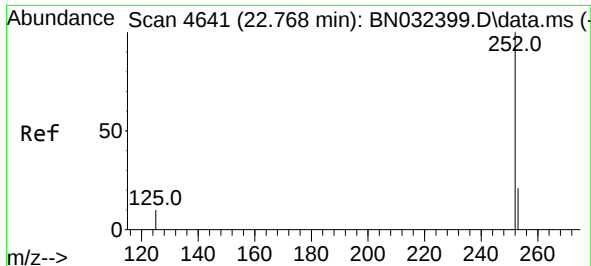
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 9.223 ng/ul m
RT: 21.250 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

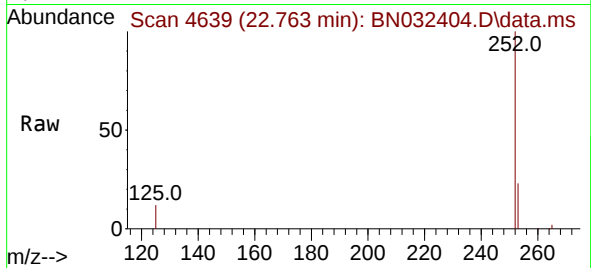
Tgt Ion:228 Resp: 671209
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.505 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.020 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

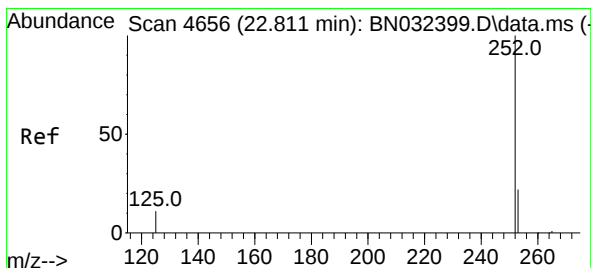
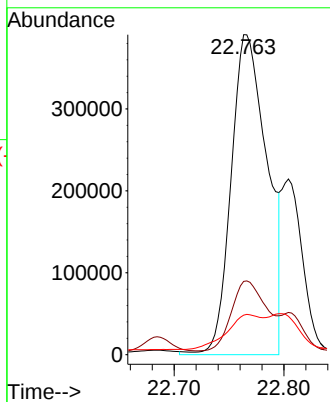
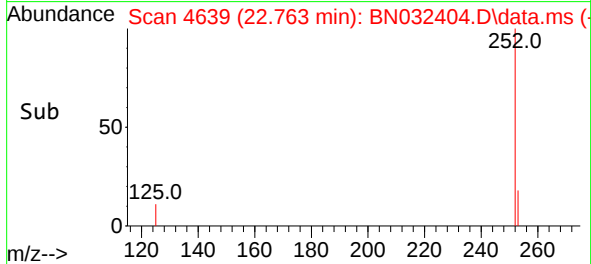
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 89566
Ion Ratio Lower Upper
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253 22.9 0.0 50.2
125 12.4 0.0 32.0

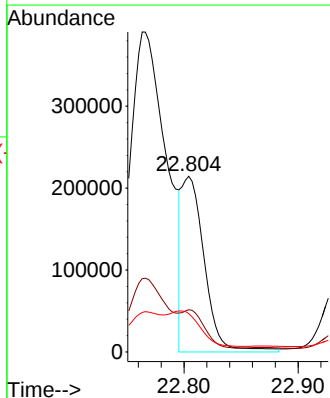
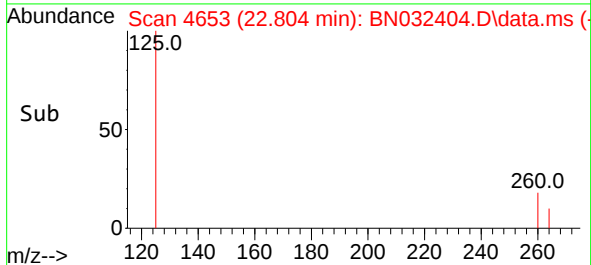
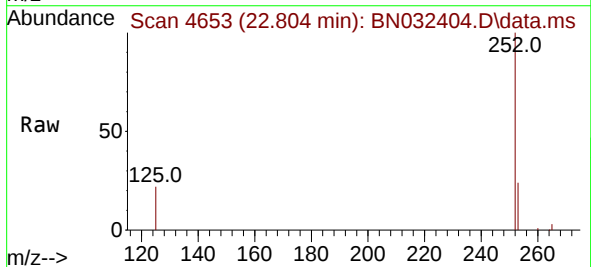
Manual Integrations
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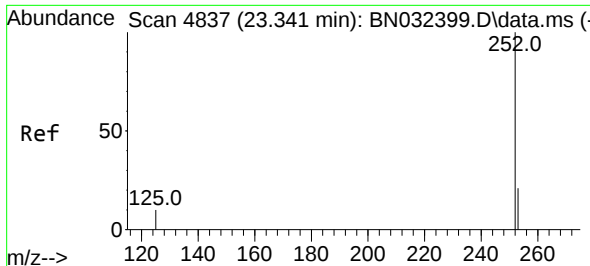
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 2.906 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.023 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

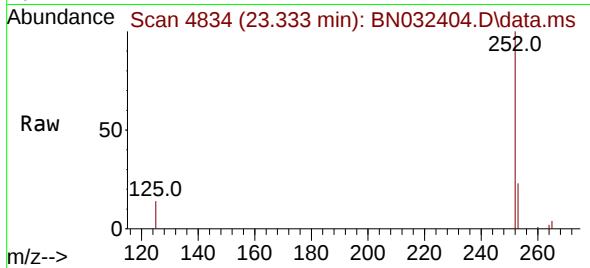
Tgt Ion:252 Resp: 297288
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 21.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 5.341 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

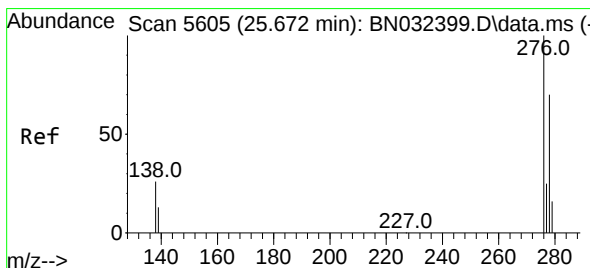
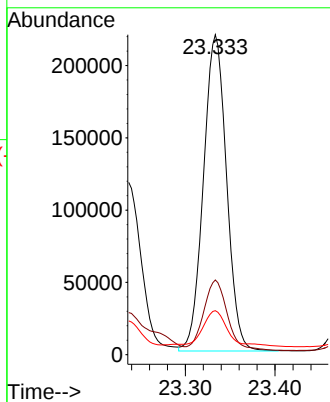
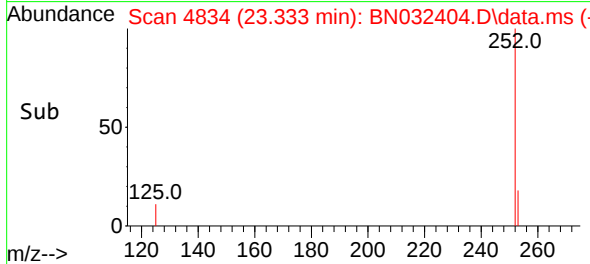
Instrument :
BNA_N
ClientSampleId :
A4C57



Tgt Ion:252 Resp: 391332
Ion Ratio Lower Upper
252 100
253 23.3 22.2 33.2
125 13.7 16.4 24.6

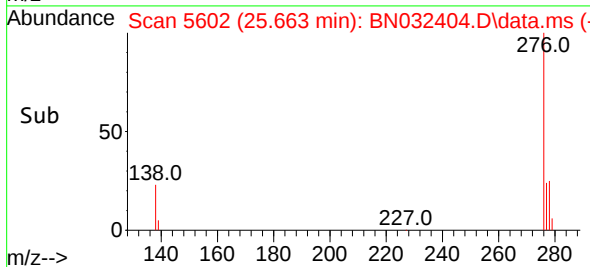
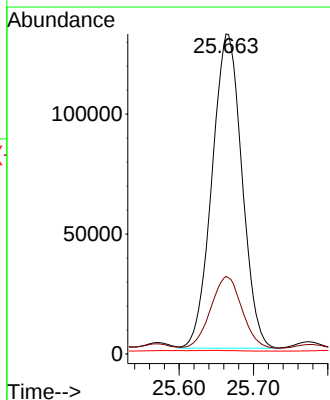
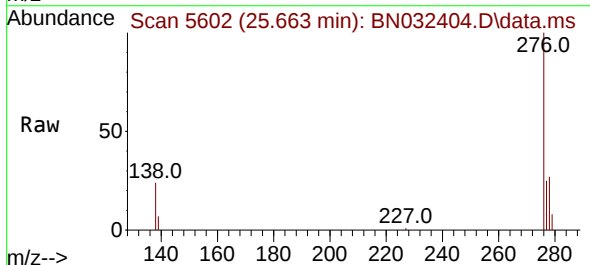
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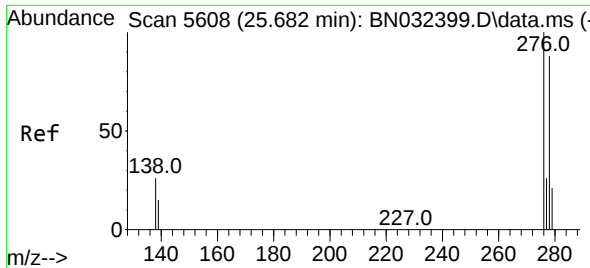
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.189 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

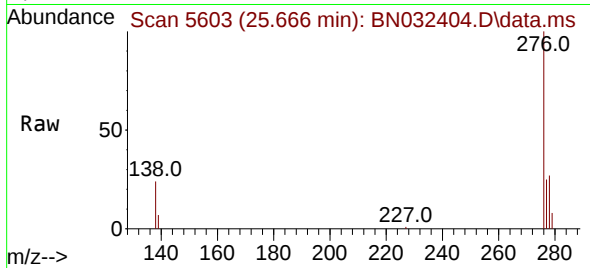
Tgt Ion:276 Resp: 365865
Ion Ratio Lower Upper
276 100
138 2.2 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.437 ng/ul m
RT: 25.666 min Scan# 50
Delta R.T. -0.044 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11

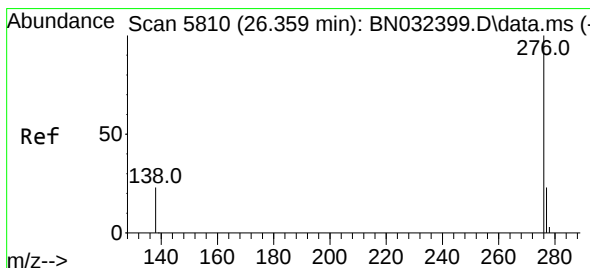
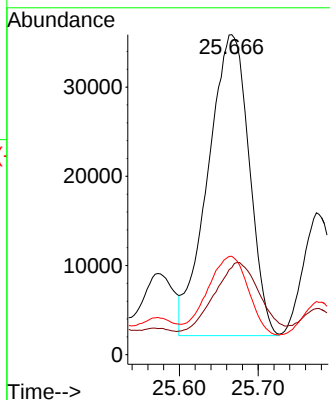
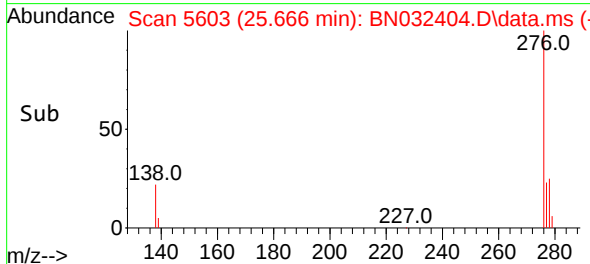
Instrument :
BNA_N
ClientSampleId :
A4C57



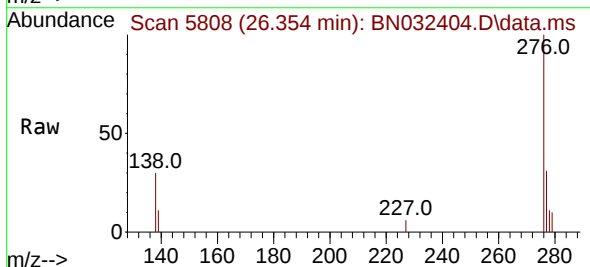
Tgt Ion:278 Resp: 122490
Ion Ratio Lower Upper
278 100
139 27.2 15.9 23.9#
279 30.7 21.1 31.7

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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: 0.618 ng/ul m
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032404.D
Acq: 02 Jul 2024 17:11



Tgt Ion:276 Resp: 56436
Ion Ratio Lower Upper
276 100
138 29.8 19.8 29.6#
277 30.5 19.8 29.6#

