

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032401.D
 Acq On : 02 Jul 2024 15:23
 Operator : MA/JU
 Sample : P2934-15DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 16:30:03 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	7.607	152	9076	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	29272	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	17170	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	31817	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	20430	0.400	ng/ul	#-0.01
23) Perylene-d12	23.429	264	23246m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	6812	0.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	2186	0.050	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	3543	0.058	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	13632	0.176	ng/ul	98
7) 2-Methylnaphthalene	12.059	142	4530	0.088	ng/ul	97
8) 1-Methylnaphthalene	12.279	142	2461	0.046	ng/ul	99
10) Acenaphthylene	13.975	152	15569	0.218	ng/ul	98
11) Acenaphthene	14.313	153	3360	0.061	ng/ul	96
12) Fluorene	15.308	166	5030	0.076	ng/ul#	96
15) Phenanthrene	17.049	178	113675	1.303	ng/ul	99
16) Anthracene	17.142	178	26533	0.341	ng/ul	98
19) Fluoranthene	19.078	202	192070	2.469	ng/ul	100
20) Pyrene	19.440	202	136345	1.677	ng/ul	100
21) Benzo(a)anthracene	21.196	228	93916	1.274	ng/ul	94
22) Chrysene	21.249	228	114278	1.412	ng/ul	95
24) Benzo(b)fluoranthene	22.766	252	151515m	1.500	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	51777m	0.528	ng/ul	
26) Benzo(a)pyrene	23.333	252	51362	0.731	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.663	276	58933	0.536	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.666	278	21899	0.268	ng/ul#	69
29) Benzo(g,h,i)perylene	26.353	276	9155	0.104	ng/ul#	64

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

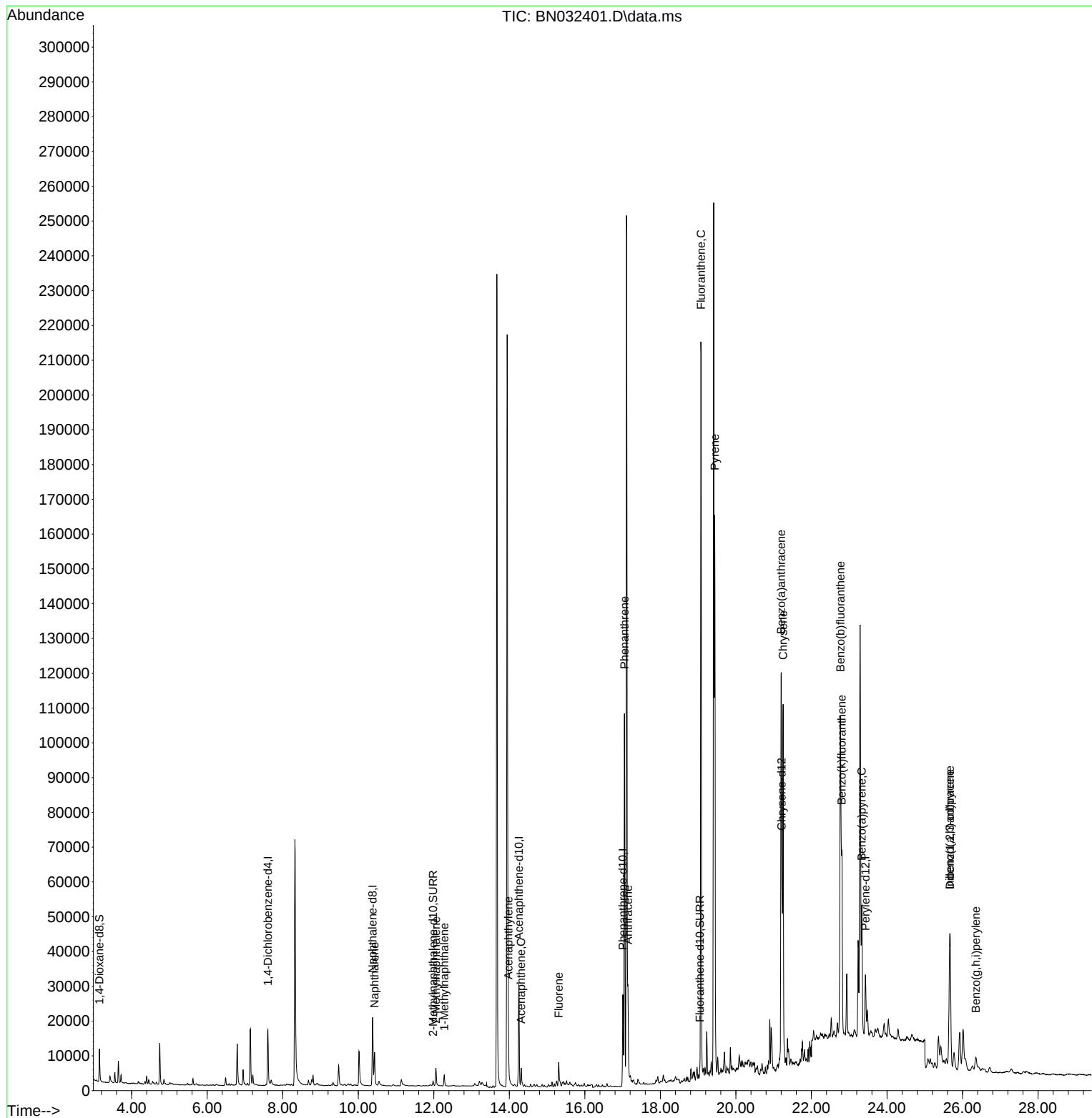
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032401.D
Acq On : 02 Jul 2024 15:23
Operator : MA/JU
Sample : P2934-15DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

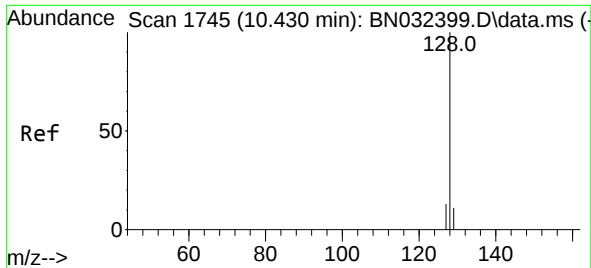
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL

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Supervised By :mohammad ahmed 07/04/2024

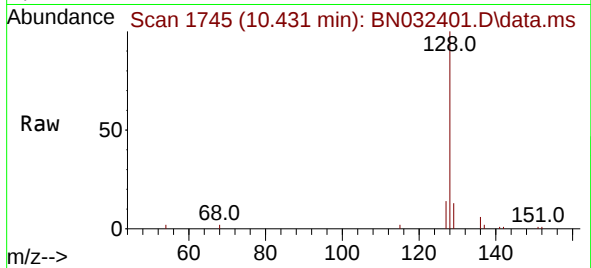
Quant Time: Jul 02 16:30:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.176 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

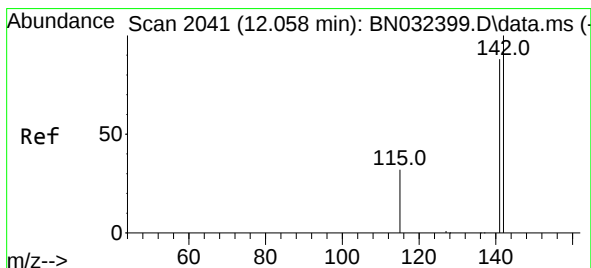
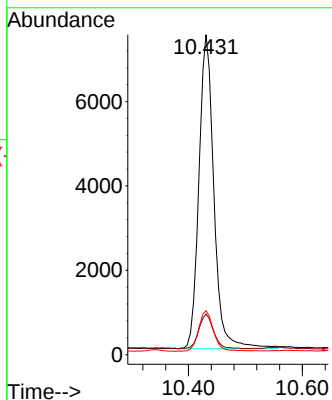
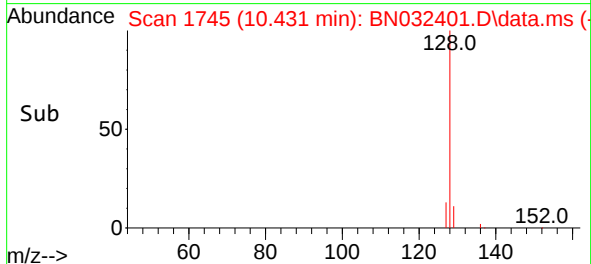
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



Tgt Ion:128 Resp: 13632
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 13.7 10.8 16.2

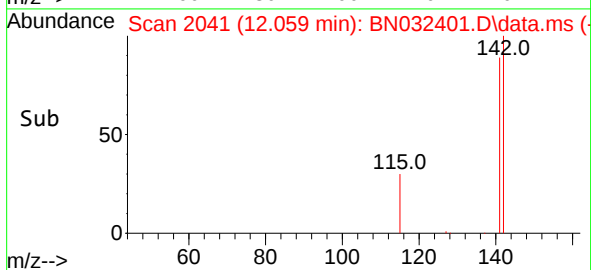
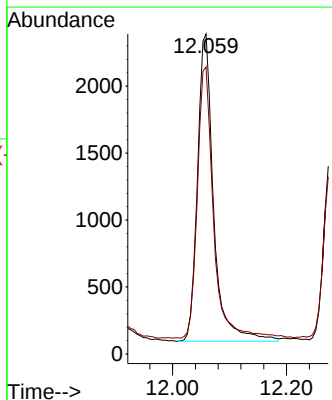
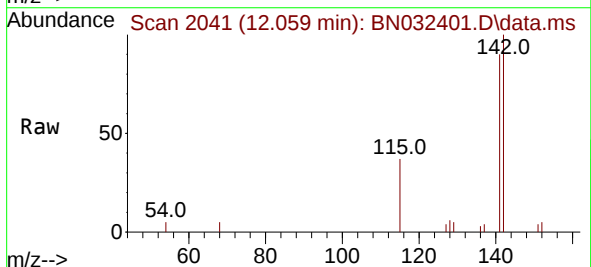
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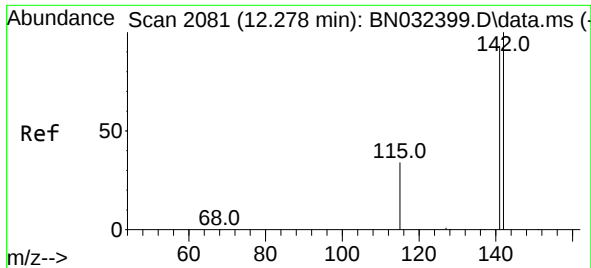
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

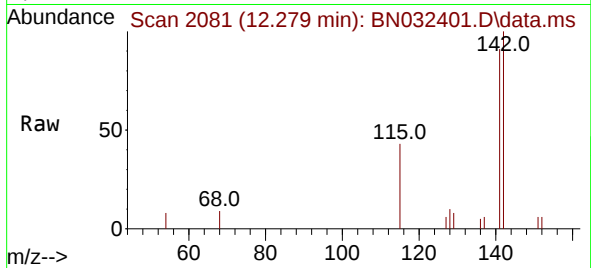
Tgt Ion:142 Resp: 4530
Ion Ratio Lower Upper
142 100
141 87.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

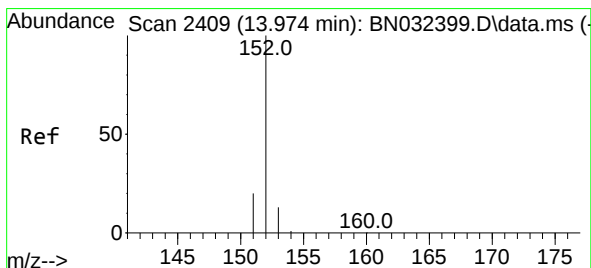
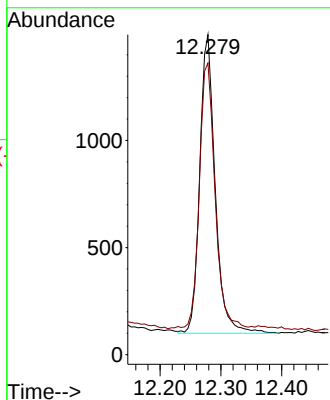
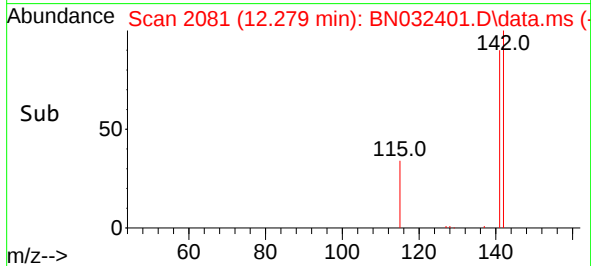
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



Tgt Ion:142 Resp: 246
Ion Ratio Lower Upper
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141 90.7 73.4 110.0

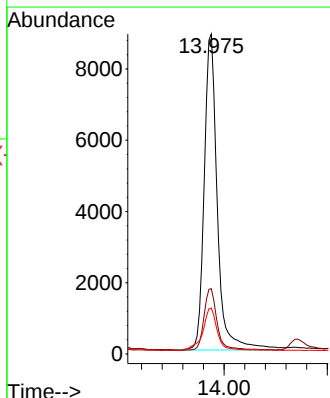
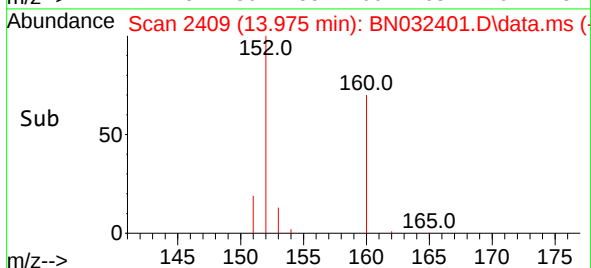
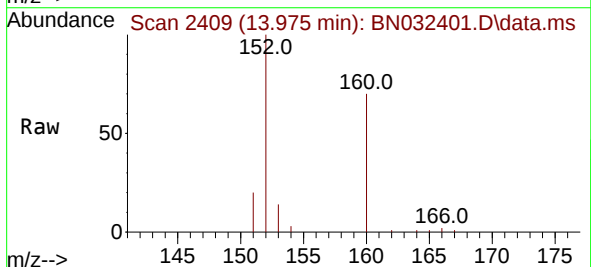
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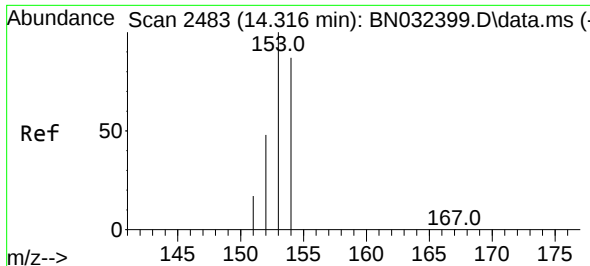
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.218 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

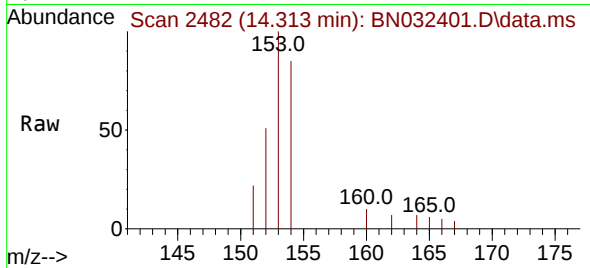
Tgt Ion:152 Resp: 15569
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

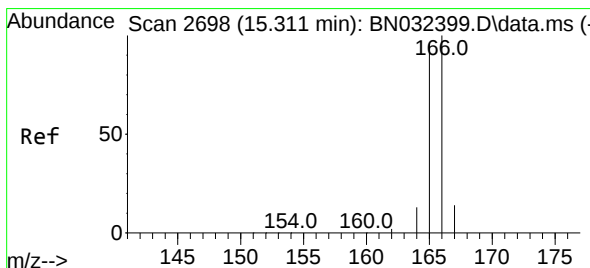
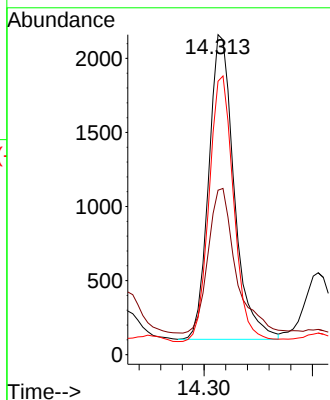
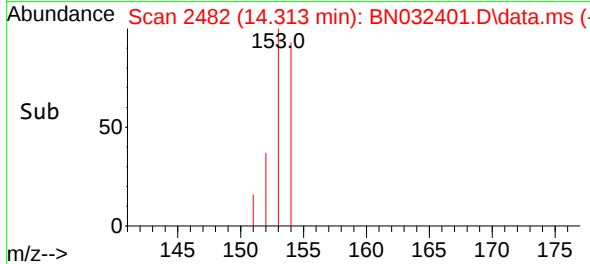
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



Tgt Ion:153 Resp: 3360
Ion Ratio Lower Upper
153 100
152 51.4 39.5 59.3
154 85.5 71.7 107.5

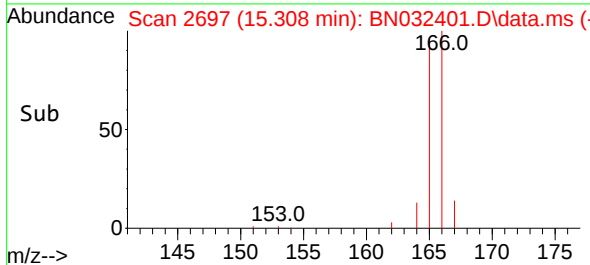
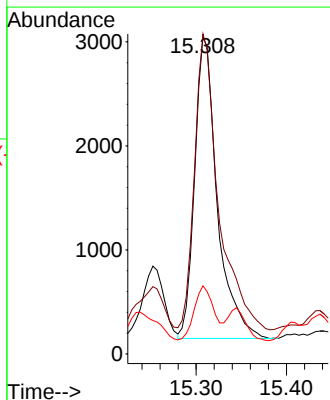
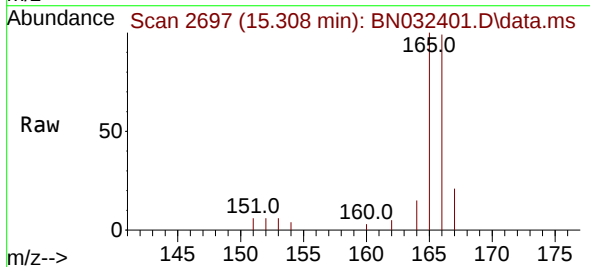
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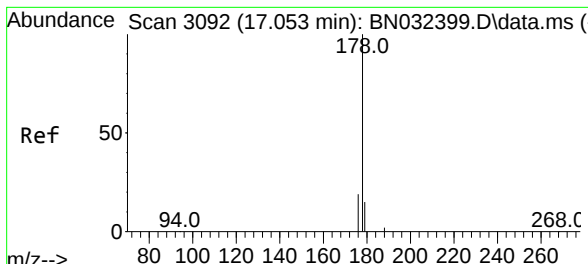
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

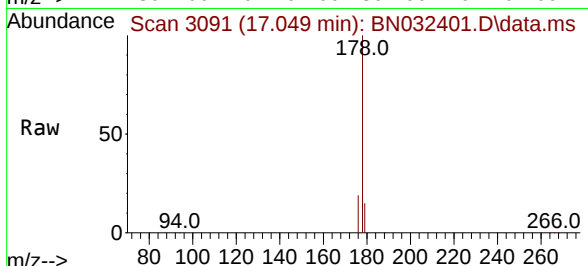
Tgt Ion:166 Resp: 5030
Ion Ratio Lower Upper
166 100
165 100.8 79.0 118.6
167 21.5 11.0 16.6#





#15
Phenanthrene
Concen: 1.303 ng/ul
RT: 17.049 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

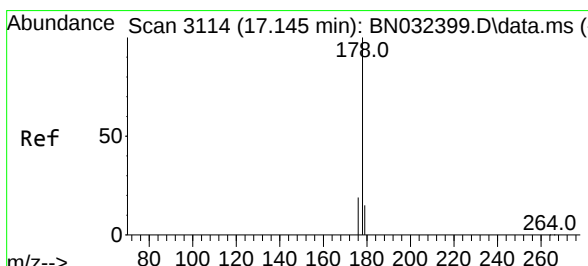
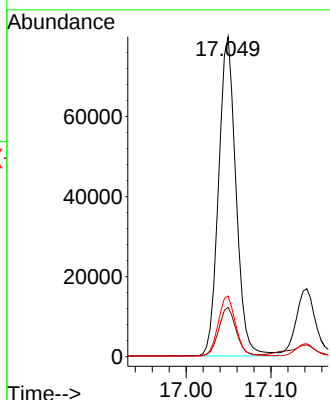
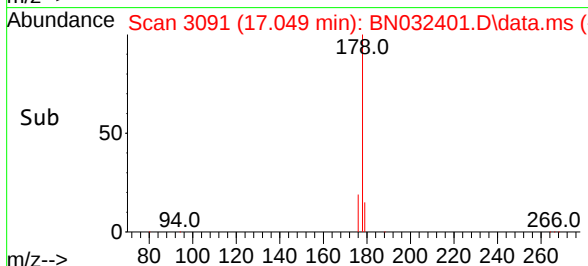
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BNA_N
ClientSampleId :
A4CQ1DL



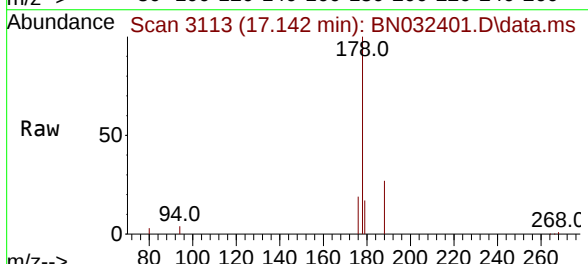
Tgt Ion:178 Resp: 113679
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.9 15.6 23.4

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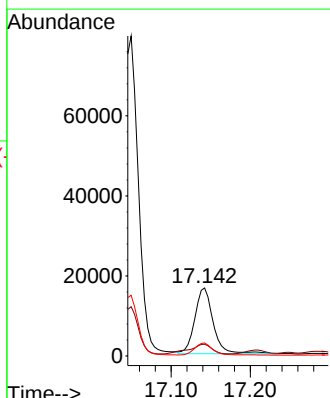
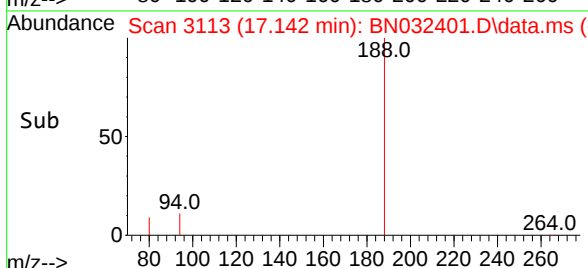
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

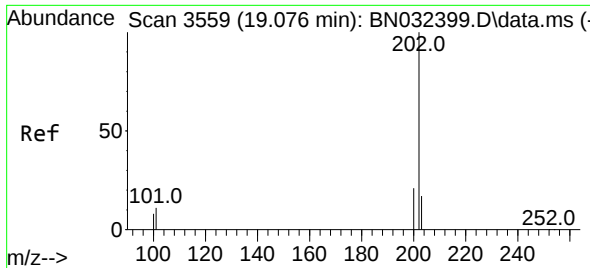


#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.142 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23



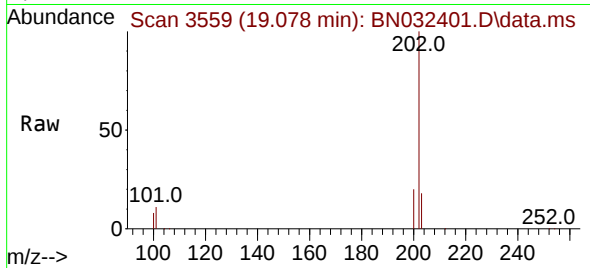
Tgt Ion:178 Resp: 26533
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 2.469 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

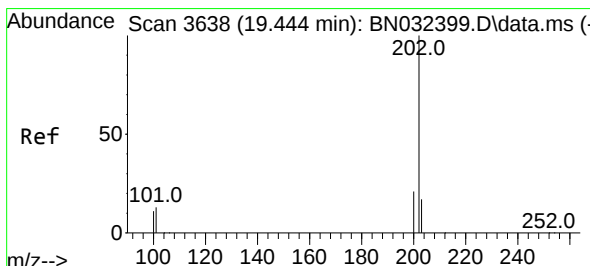
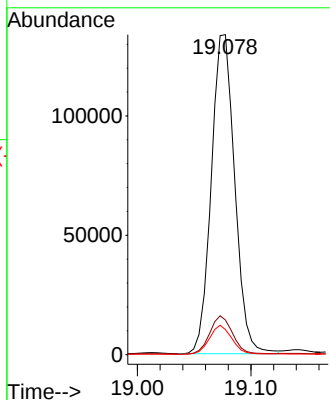
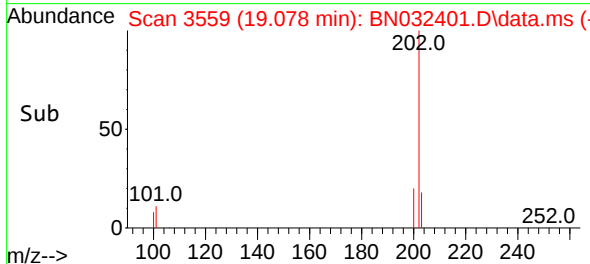
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



Tgt Ion:202 Resp: 192070
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 7.9 6.4 9.6

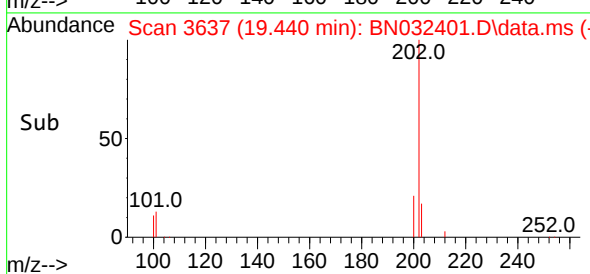
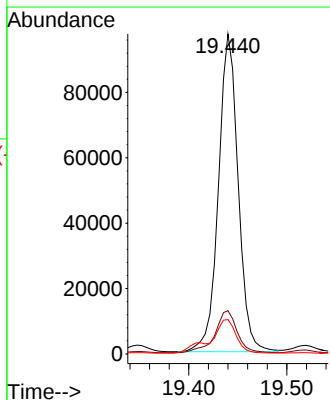
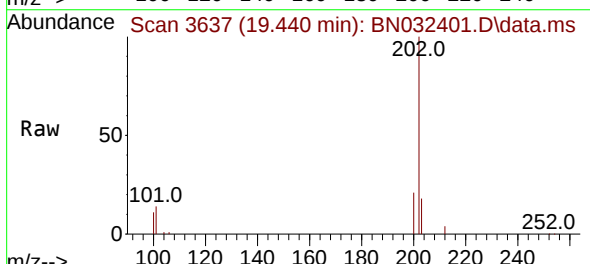
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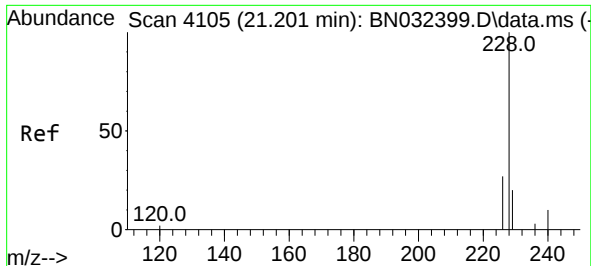
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 1.677 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

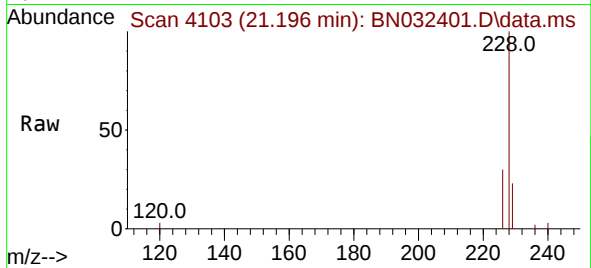
Tgt Ion:202 Resp: 136345
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 10.7 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.274 ng/ul
RT: 21.196 min Scan# 4105
Delta R.T. -0.018 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

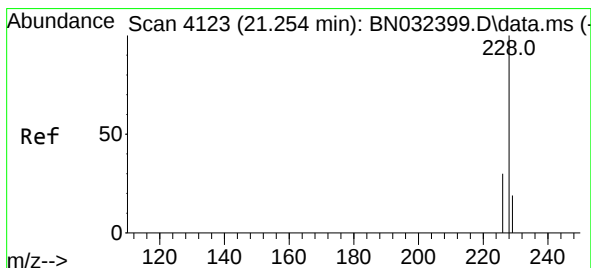
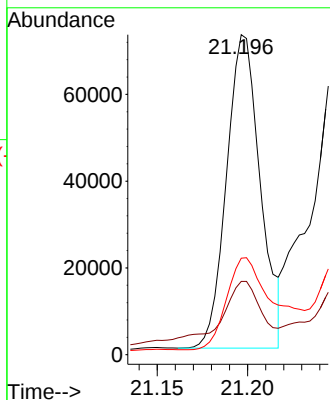
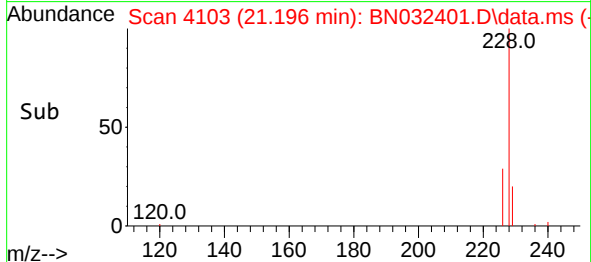
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



Tgt Ion:228 Resp: 93910
Ion Ratio Lower Upper
228 100
229 22.9 15.7 23.5
226 30.2 21.8 32.8

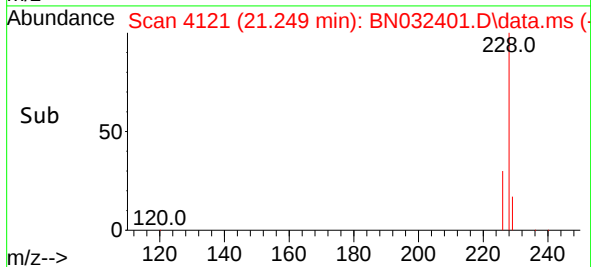
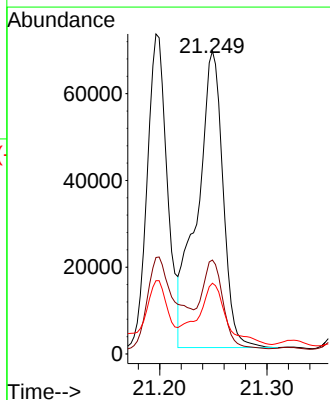
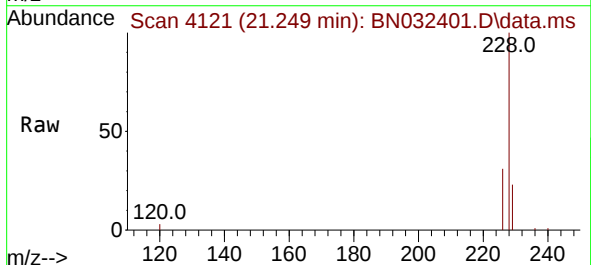
Manual Integrations
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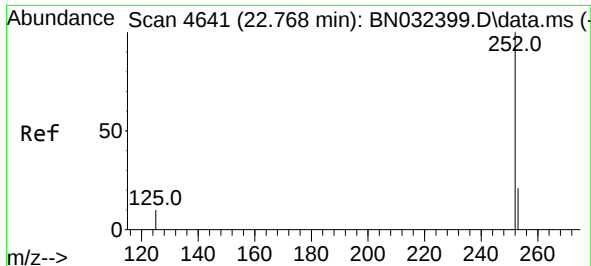
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 1.412 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

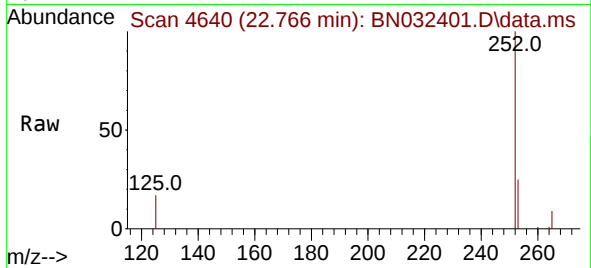
Tgt Ion:228 Resp: 114278
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 23.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.500 ng/ul m
RT: 22.766 min Scan# 4641
Delta R.T. -0.018 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

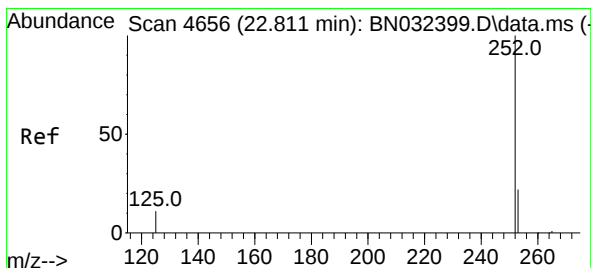
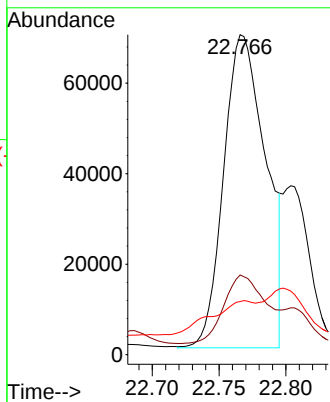
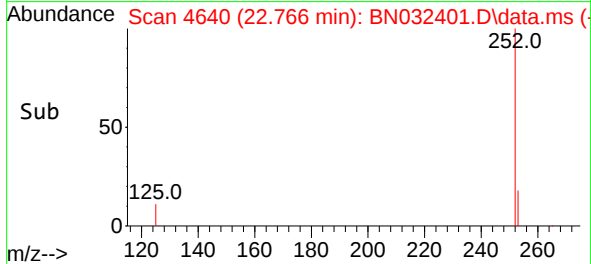
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



Tgt Ion:252 Resp: 15151
Ion Ratio Lower Upper
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253 24.9 0.0 50.2
125 16.6 0.0 32.0

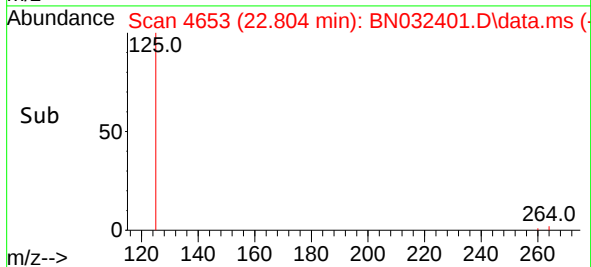
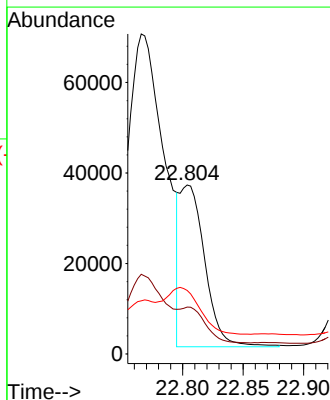
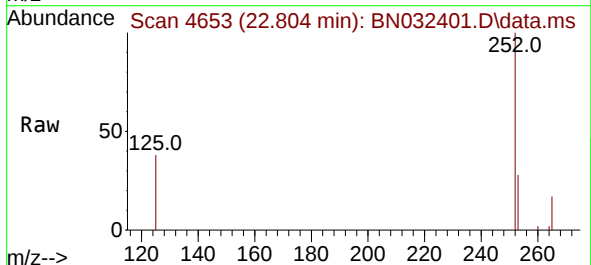
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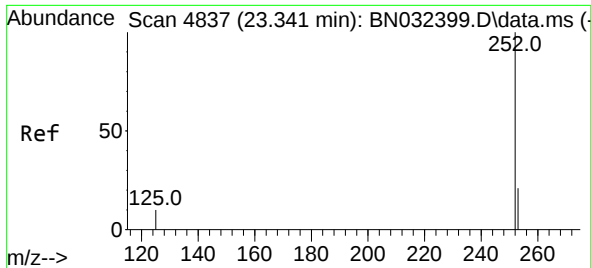
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.528 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.024 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

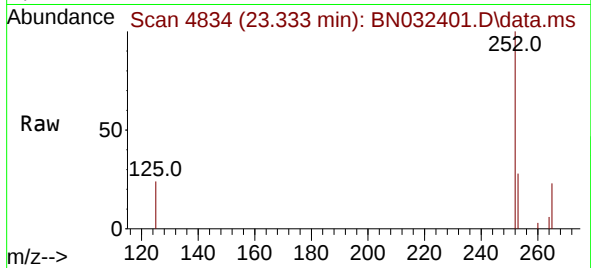
Tgt Ion:252 Resp: 51777
Ion Ratio Lower Upper
252 100
253 27.7 20.3 30.5
125 37.6 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.731 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.027 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

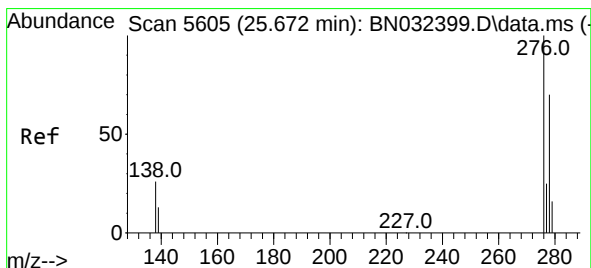
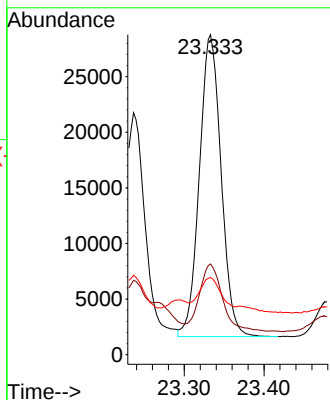
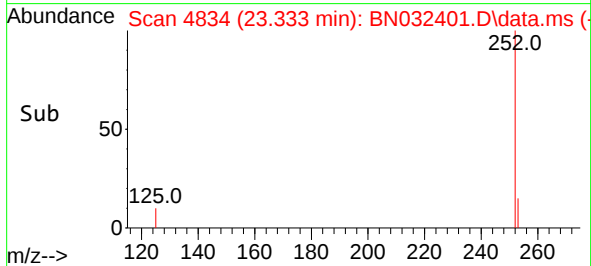
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



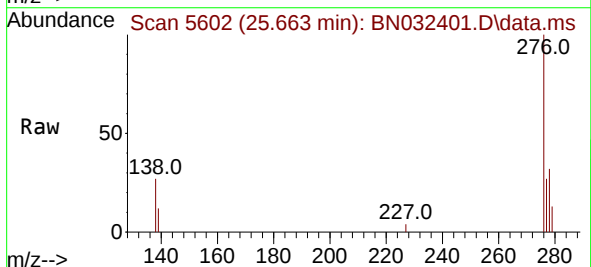
Tgt Ion:252 Resp: 51362
Ion Ratio Lower Upper
252 100
253 28.4 22.2 33.2
125 24.1 16.4 24.6

Manual Integrations
APPROVED

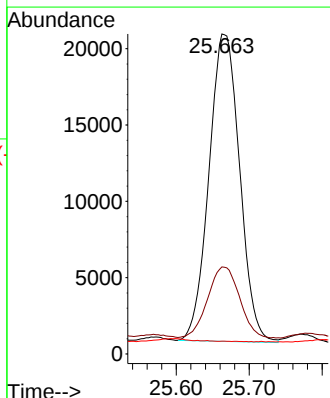
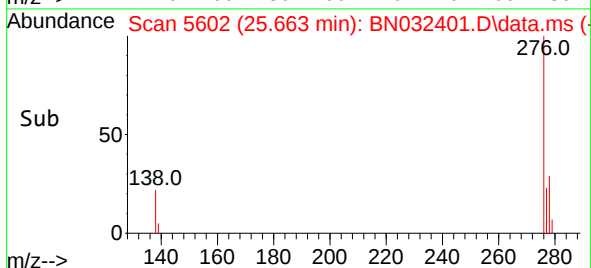
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

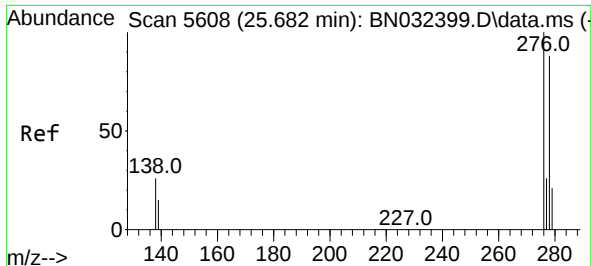


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.536 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23



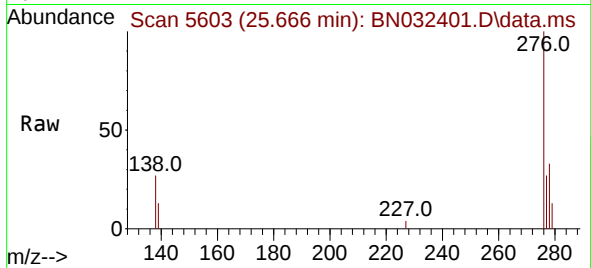
Tgt Ion:276 Resp: 58933
Ion Ratio Lower Upper
276 100
138 24.5 21.3 31.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.268 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.044 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23

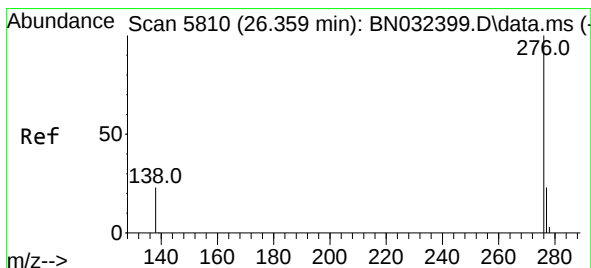
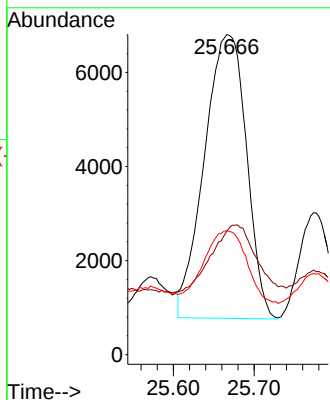
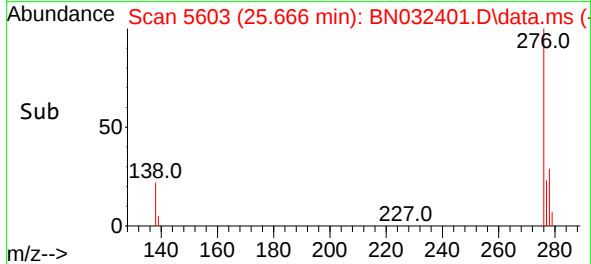
Instrument :
BNA_N
ClientSampleId :
A4CQ1DL



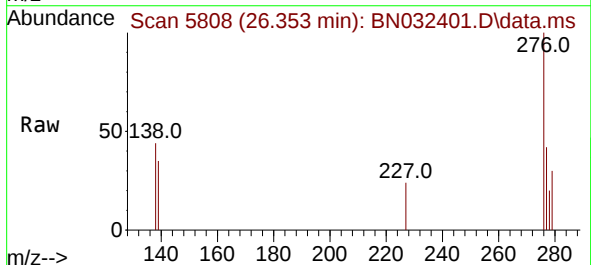
Tgt Ion:278 Resp: 2189
Ion Ratio Lower Upper
278 100
139 38.5 15.9 23.9
279 38.8 21.1 31.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 26.353 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032401.D
Acq: 02 Jul 2024 15:23



Tgt Ion:276 Resp: 9155
Ion Ratio Lower Upper
276 100
138 43.8 19.8 29.6#
277 41.9 19.8 29.6#

