

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032406.D
 Acq On : 02 Jul 2024 18:24
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ1

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 23:55:40 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	8233	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.381	136	25982	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	15255	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	27282m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.210	240	17129m	0.400	ng/ul	-0.02
23) Perylene-d12	23.426	264	20920m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	28093	3.070	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.981	152	8487	0.218	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	14309m	0.278	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.430	128	18855	0.274	ng/ul	99
7) 2-Methylnaphthalene	12.052	142	5608	0.123	ng/ul	100
8) 1-Methylnaphthalene	12.272	142	4402	0.093	ng/ul	98
10) Acenaphthylene	13.974	152	22835	0.360	ng/ul	99
11) Acenaphthene	14.317	153	22876	0.465	ng/ul	99
12) Fluorene	15.307	166	24540	0.418	ng/ul	99
15) Phenanthrene	17.048	178	496268m	6.635	ng/ul	
16) Anthracene	17.141	178	85001m	1.274	ng/ul	
19) Fluoranthene	19.072	202	981008m	15.040	ng/ul	
20) Pyrene	19.439	202	681314m	9.995	ng/ul	
21) Benzo(a)anthracene	21.193	228	384030m	6.212	ng/ul	
22) Chrysene	21.245	228	468042m	6.898	ng/ul	
24) Benzo(b)fluoranthene	22.762	252	653285m	7.188	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	228828m	2.591	ng/ul	
26) Benzo(a)pyrene	23.329	252	248226m	3.925	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.658	276	249825m	2.523	ng/ul	
28) Dibenzo(a,h)anthracene	25.662	278	81282m	1.105	ng/ul	
29) Benzo(g,h,i)perylene	26.349	276	38481m	0.488	ng/ul	

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

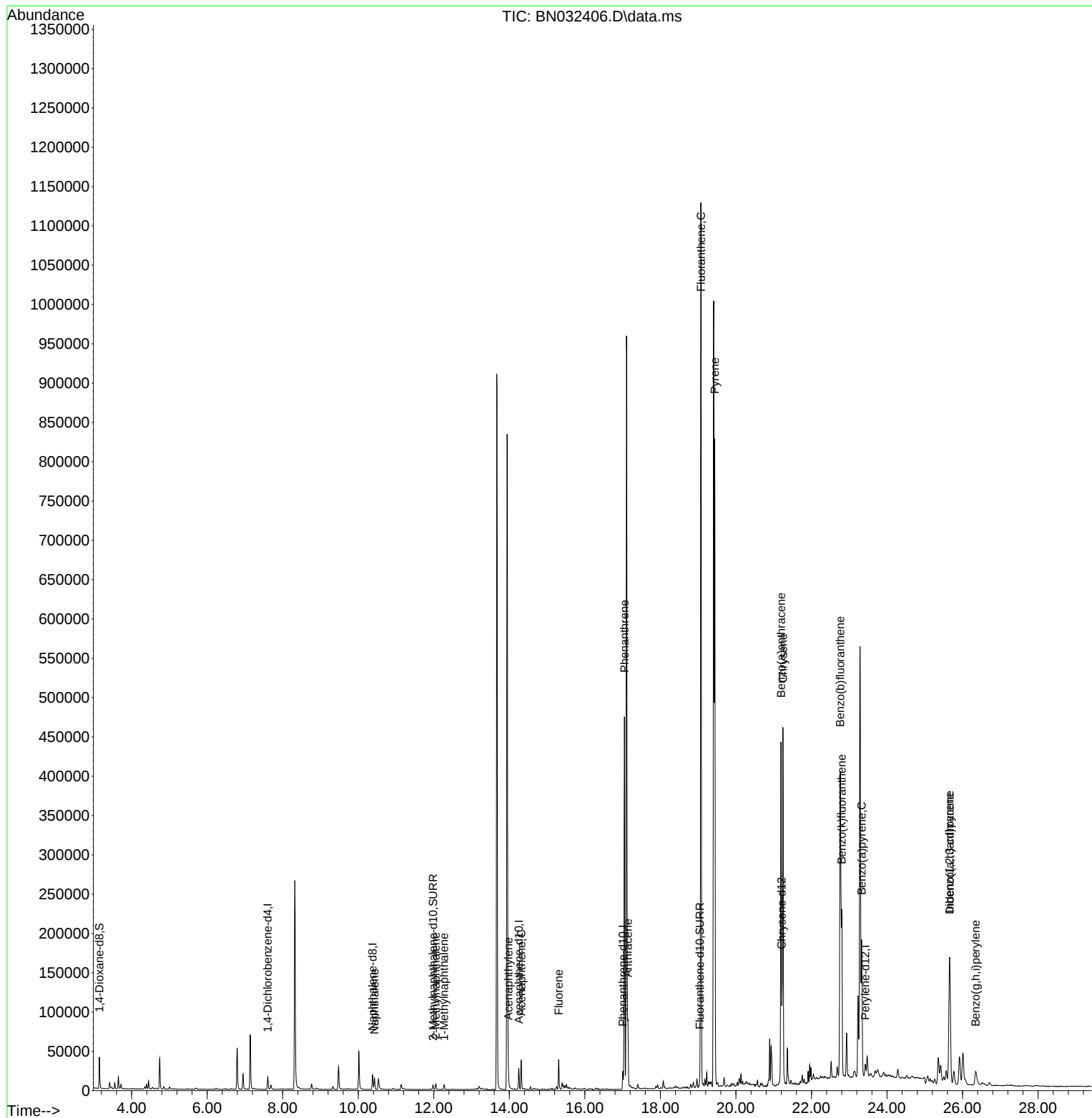
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
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ALS Vial : 53 Sample Multiplier: 1

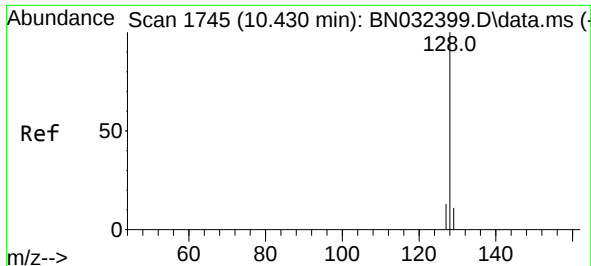
Instrument :
BNA_N
ClientSampleId :
A4CJ1

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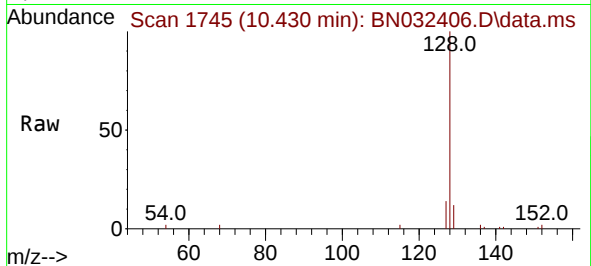
Quant Time: Jul 02 23:55:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.274 ng/ul
RT: 10.430 min Scan# 1745
Delta R.T. -0.018 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

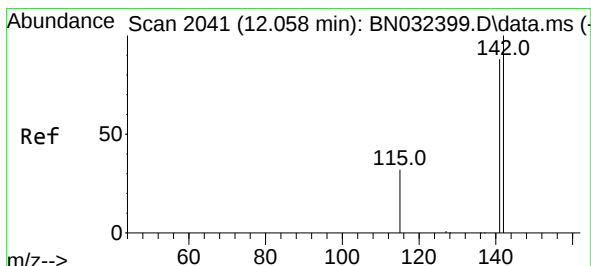
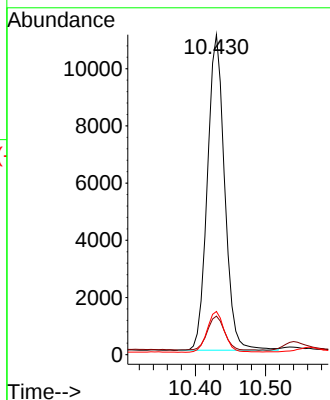
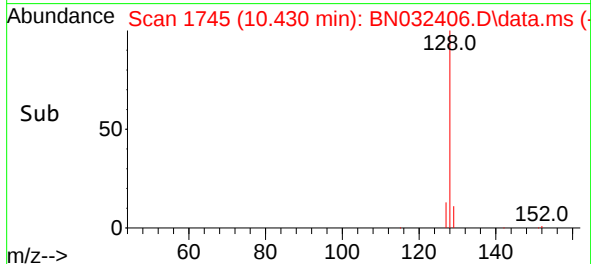
Instrument :
BNA_N
ClientSampleId :
A4CJ1



Tgt Ion:128 Resp: 1885
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.5 10.8 16.2

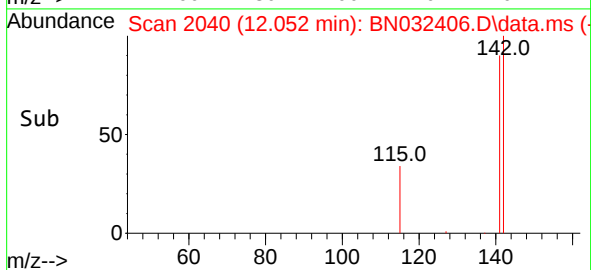
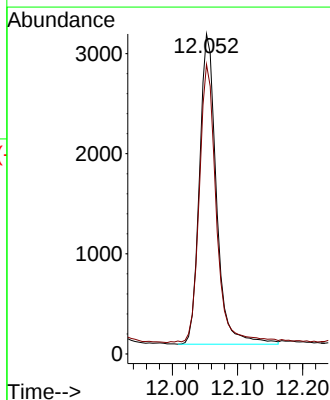
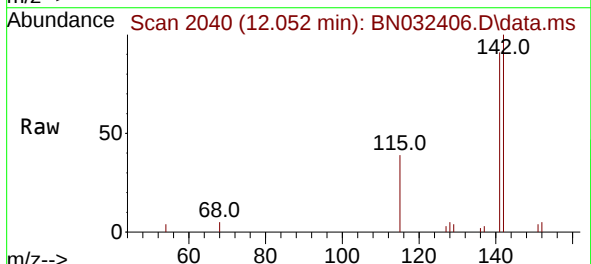
Manual Integrations
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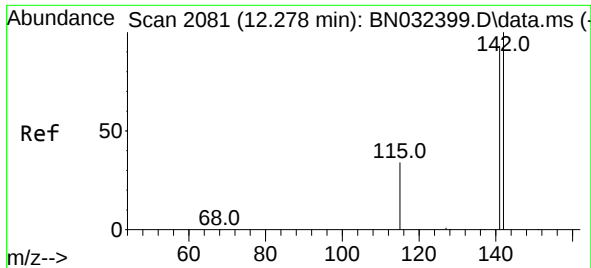
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.023 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

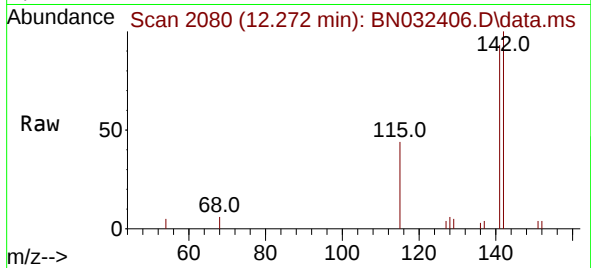
Tgt Ion:142 Resp: 5608
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.272 min Scan# 2081
Delta R.T. -0.023 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

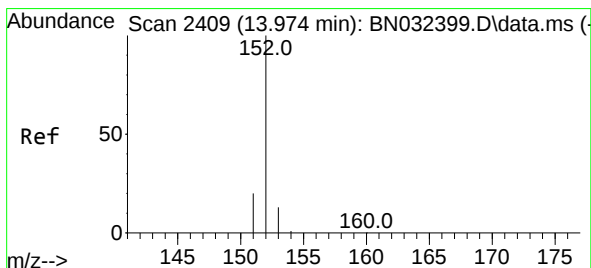
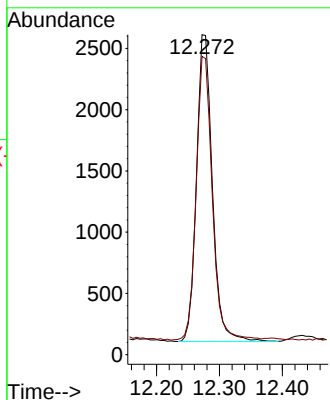
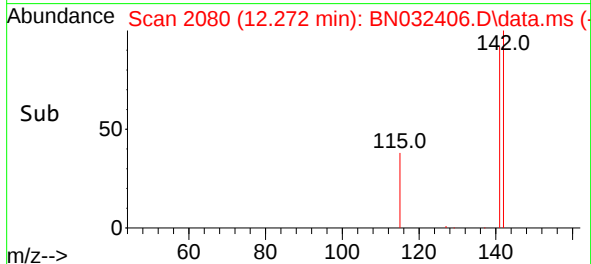
Instrument :
BNA_N
ClientSampleId :
A4CJ1



Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
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141 93.3 73.4 110.0

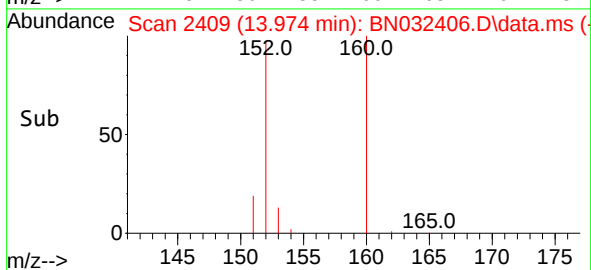
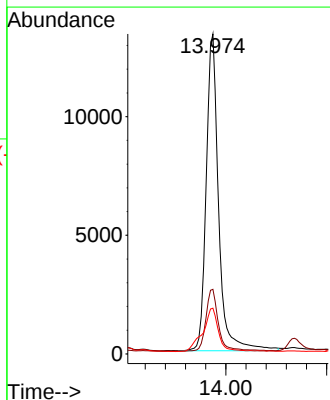
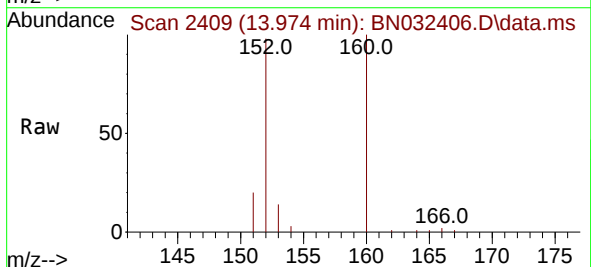
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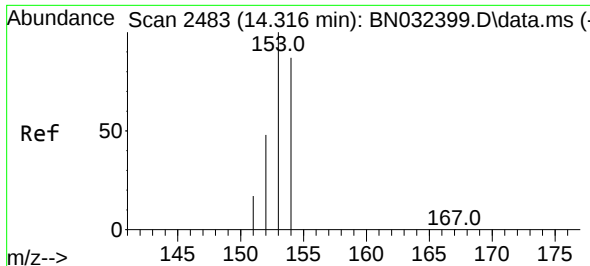
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

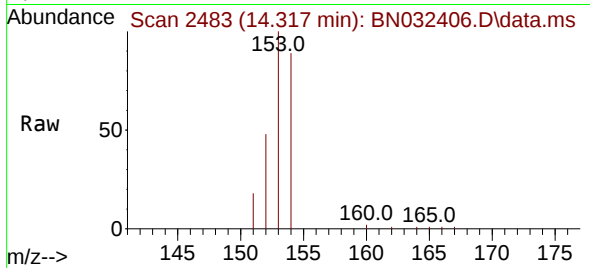
Tgt Ion:152 Resp: 22835
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.465 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

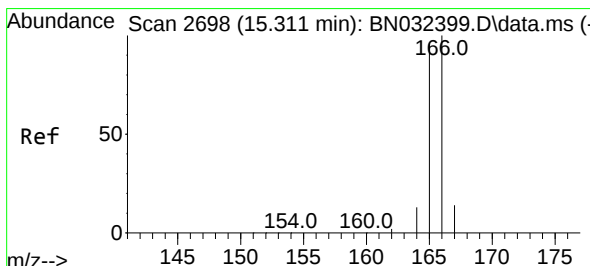
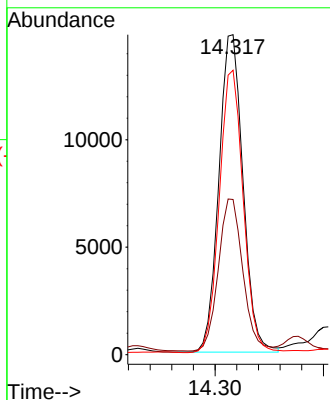
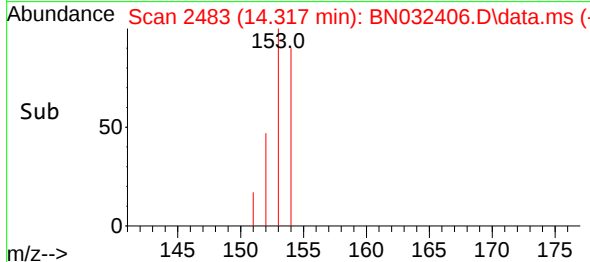
Instrument :
BNA_N
ClientSampleId :
A4CJ1



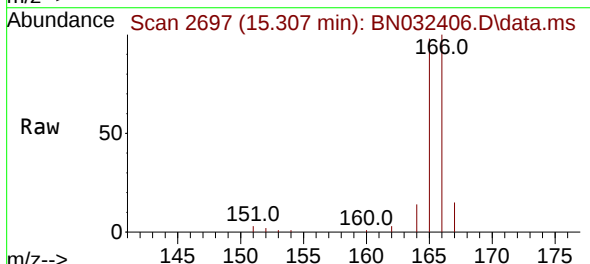
Tgt Ion:153 Resp: 22870
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 88.9 71.7 107.5

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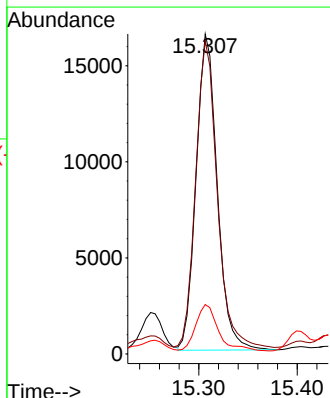
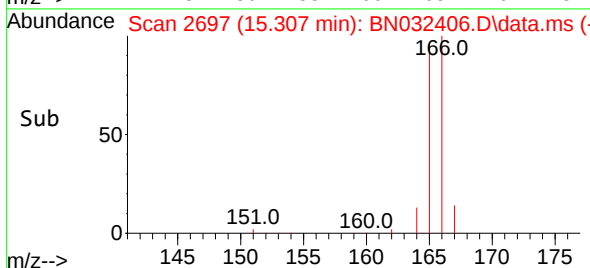
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

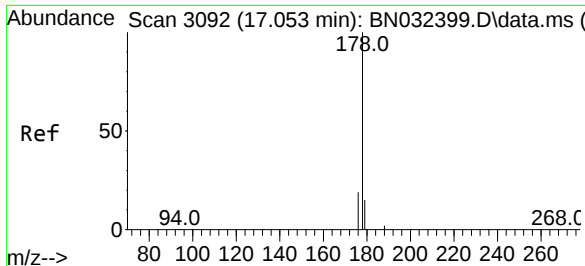


#12
Fluorene
Concen: 0.418 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. -0.020 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24



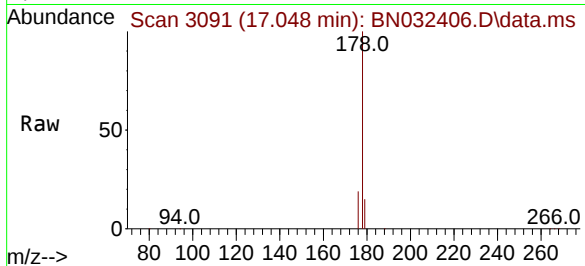
Tgt Ion:166 Resp: 24540
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 15.4 11.0 16.6





#15
Phenanthrene
Concen: 6.635 ng/ul m
RT: 17.048 min Scan# 3092
Delta R.T. -0.018 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

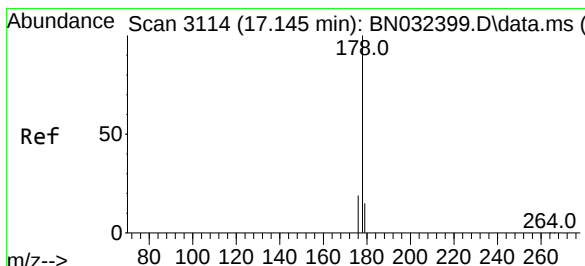
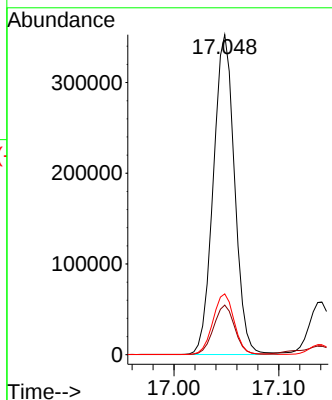
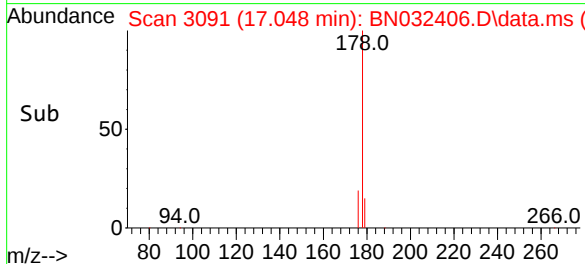
Instrument :
BNA_N
ClientSampleId :
A4CJ1



Tgt Ion:178 Resp: 496268
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.6 23.4

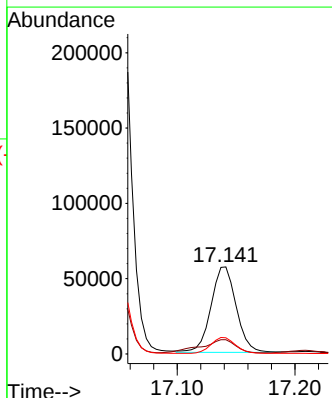
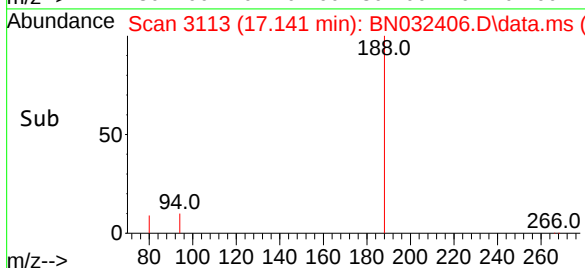
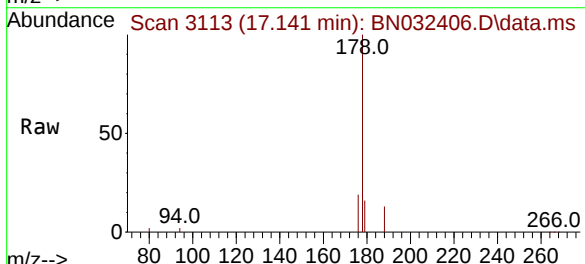
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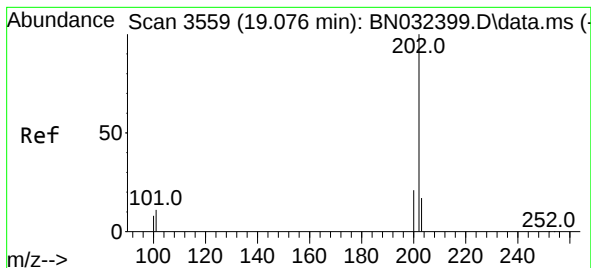
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 1.274 ng/ul m
RT: 17.141 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Tgt Ion:178 Resp: 85001
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 18.5 15.0 22.6





#19

Fluoranthene

Concen: 15.040 ng/ul m

RT: 19.072 min Scan# 3559

Delta R.T. -0.020 min

Lab File: BN032406.D

Acq: 02 Jul 2024 18:24

Instrument :

BNA_N

ClientSampleId :

A4CJ1

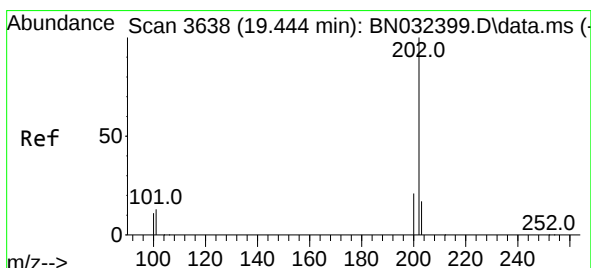
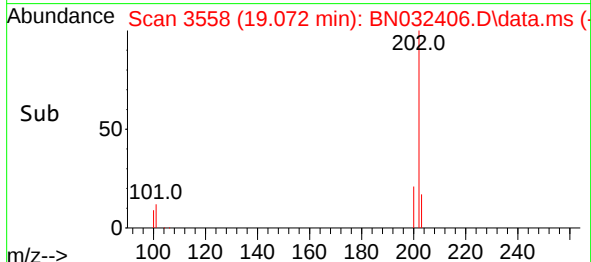
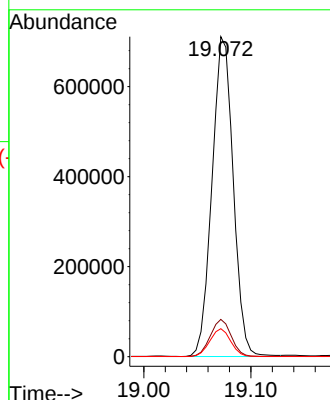
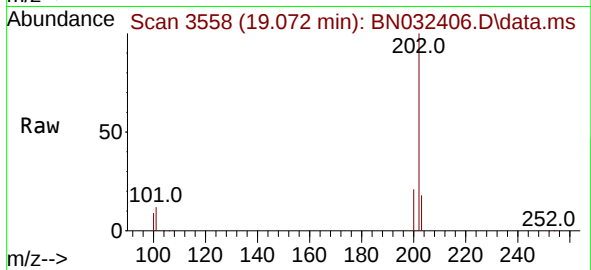
Tgt Ion:202 Resp: 981008
 Ion Ratio Lower Upper
 202 100
 101 11.7 8.8 13.2
 100 8.8 6.4 9.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#20

Pyrene

Concen: 9.995 ng/ul m

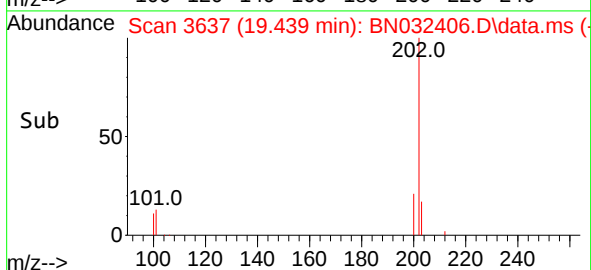
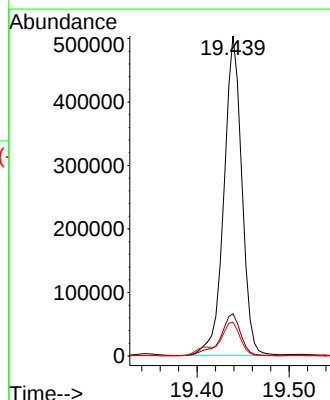
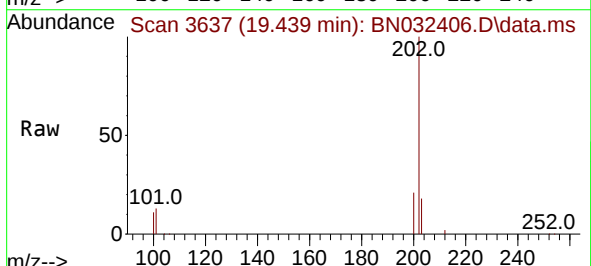
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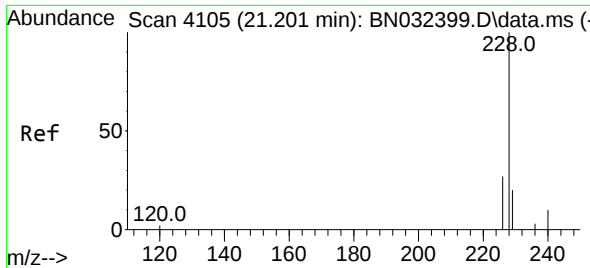
Delta R.T. -0.015 min

Lab File: BN032406.D

Acq: 02 Jul 2024 18:24

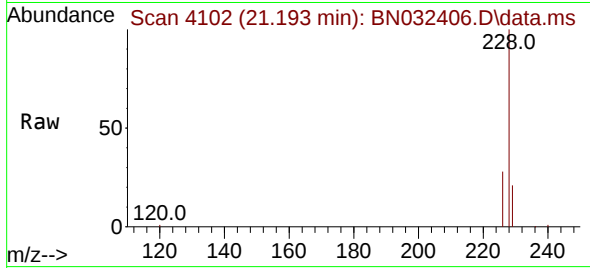
Tgt Ion:202 Resp: 681314
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.0 16.4
 100 10.6 8.7 13.1





#21
Benzo(a)anthracene
Concen: 6.212 ng/ul m
RT: 21.193 min Scan# 4105
Delta R.T. -0.022 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

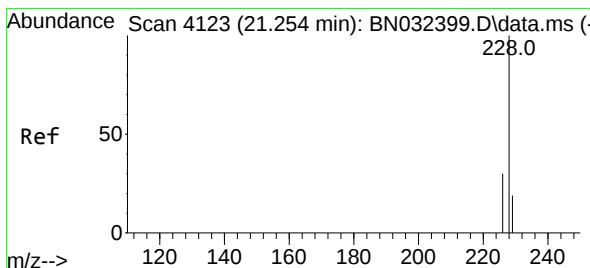
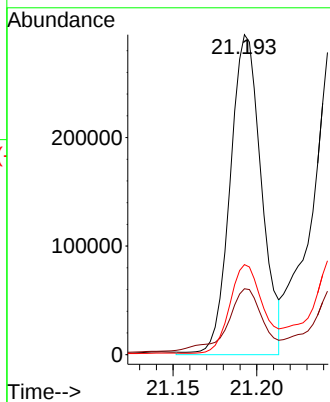
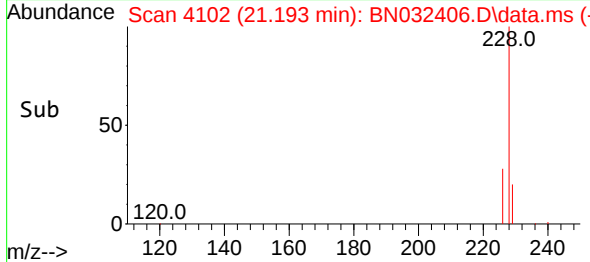
Instrument :
BNA_N
ClientSampleId :
A4CJ1



Tgt Ion:228 Resp: 384030
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.1 21.8 32.8

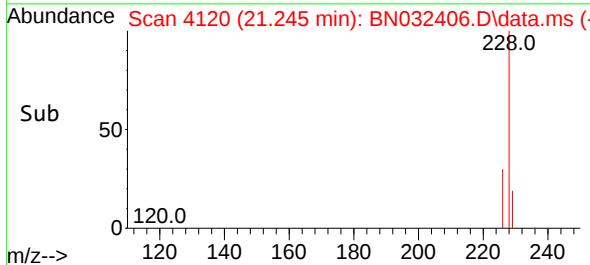
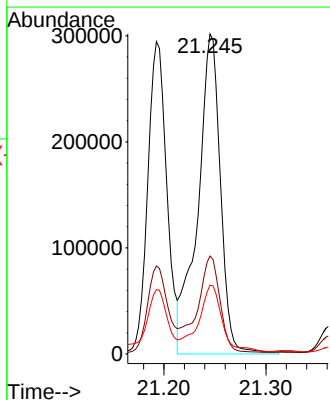
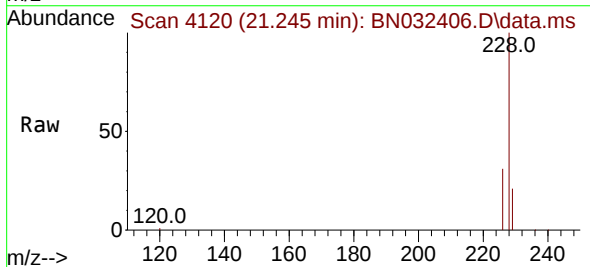
Manual Integrations
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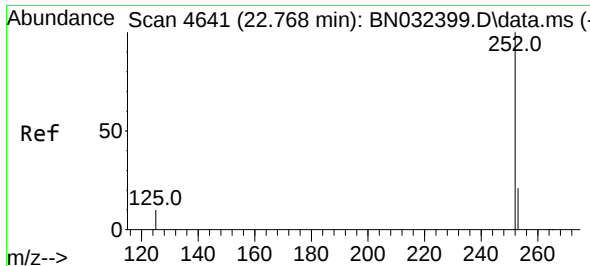
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 6.898 ng/ul m
RT: 21.245 min Scan# 4120
Delta R.T. -0.022 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

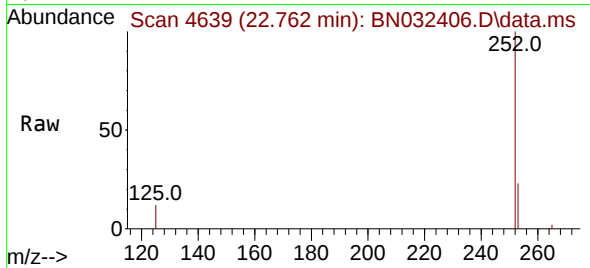
Tgt Ion:228 Resp: 468042
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.188 ng/ul m
RT: 22.762 min Scan# 4639
Delta R.T. -0.022 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

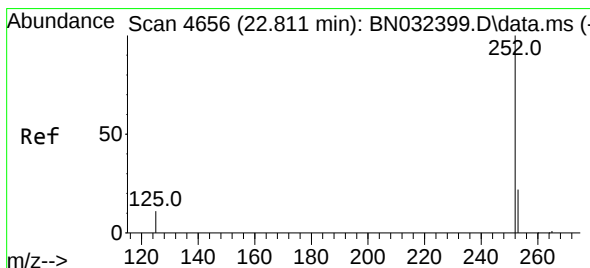
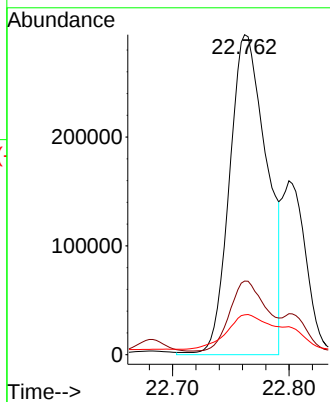
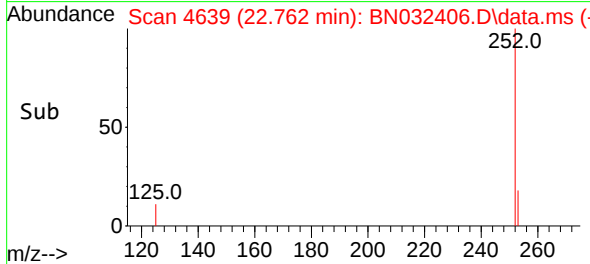
Instrument :
BNA_N
ClientSampleId :
A4CJ1



Tgt Ion:252 Resp: 65328
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 12.5 0.0 32.0

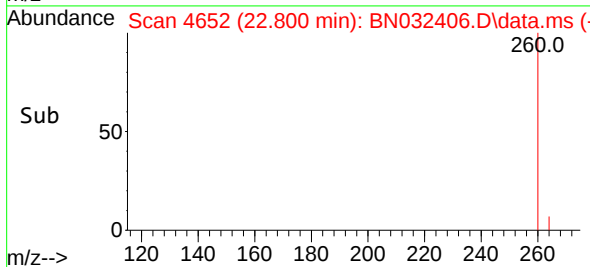
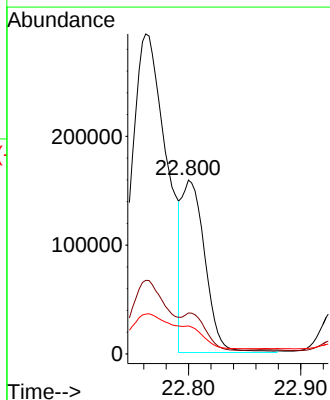
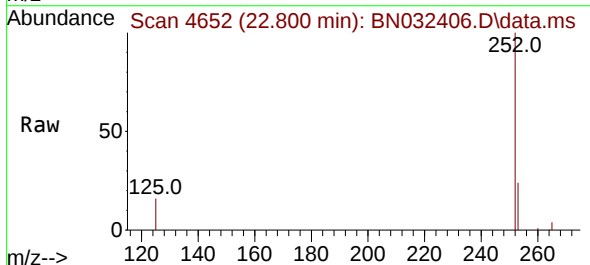
Manual Integrations
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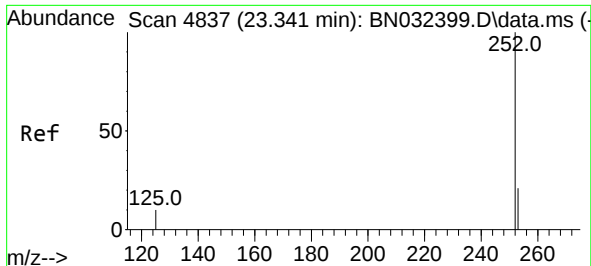
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 2.591 ng/ul m
RT: 22.800 min Scan# 4652
Delta R.T. -0.028 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

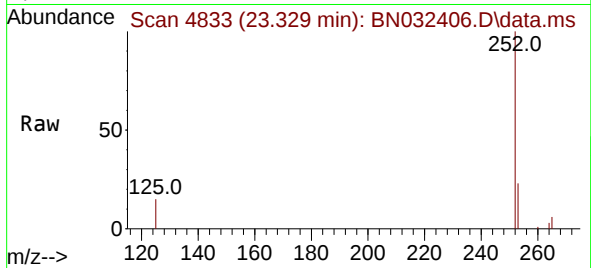
Tgt Ion:252 Resp: 228828
Ion Ratio Lower Upper
252 100
253 23.5 20.3 30.5
125 16.1 12.8 19.2





#26
Benzo(a)pyrene
Concen: 3.925 ng/ul m
RT: 23.329 min Scan# 4833
Delta R.T. -0.031 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

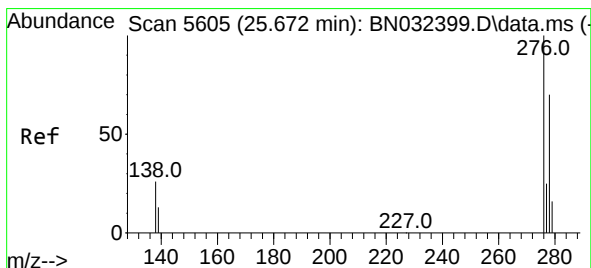
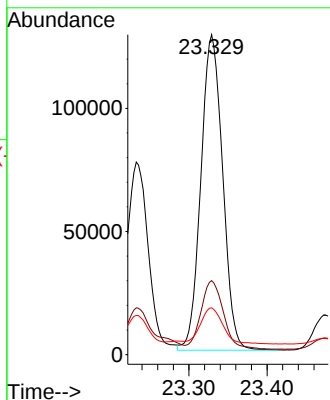
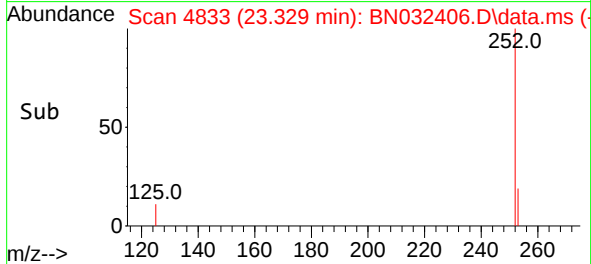
Instrument :
BNA_N
ClientSampleId :
A4CJ1



Tgt Ion:252 Resp: 248220
Ion Ratio Lower Upper
252 100
253 23.2 22.2 33.2
125 14.6 16.4 24.6

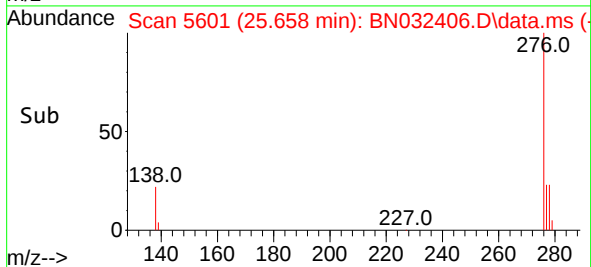
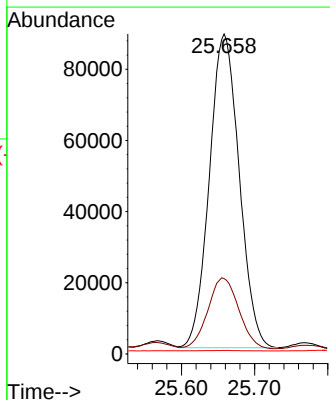
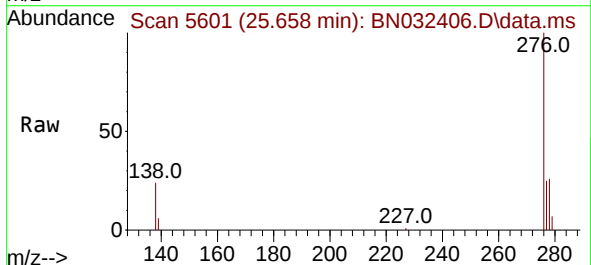
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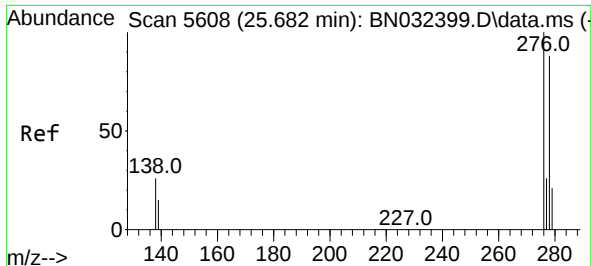
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.523 ng/ul m
RT: 25.658 min Scan# 5601
Delta R.T. -0.042 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

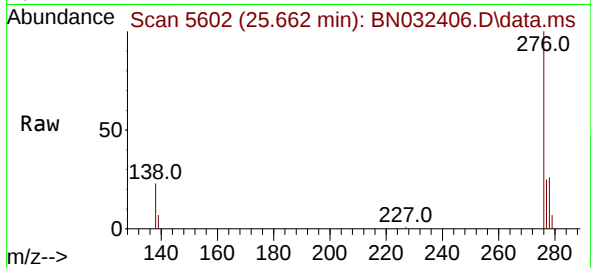
Tgt Ion:276 Resp: 249825
Ion Ratio Lower Upper
276 100
138 3.2 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.105 ng/ul m
RT: 25.662 min Scan# 501
Delta R.T. -0.048 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

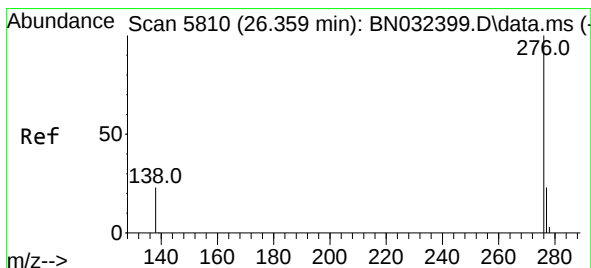
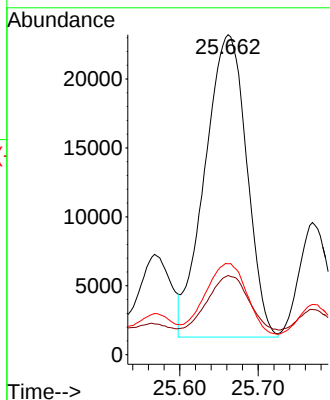
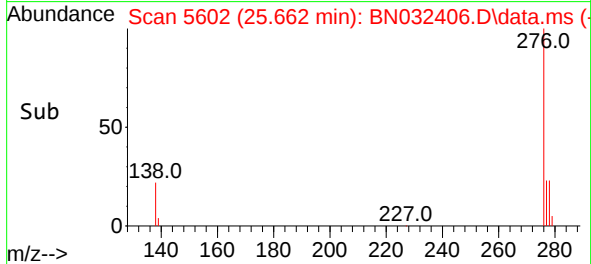
Instrument :
BNA_N
ClientSampleId :
A4CJ1



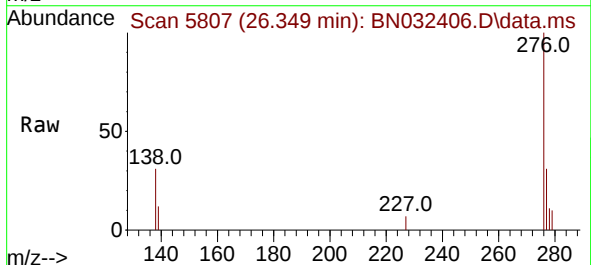
Tgt Ion:278 Resp: 8128
Ion Ratio Lower Upper
278 100
139 24.8 15.9 23.9#
279 28.4 21.1 31.7

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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: 0.488 ng/ul m
RT: 26.349 min Scan# 5807
Delta R.T. -0.032 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24



Tgt Ion:276 Resp: 38481
Ion Ratio Lower Upper
276 100
138 30.5 19.8 29.6#
277 31.3 19.8 29.6#

