

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032410.D
 Acq On : 02 Jul 2024 20:48
 Operator : MA/JU
 Sample : P2871-16DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 23:56:22 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 : 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	8278	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	25338	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14058	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	23950	0.400	ng/ul	-0.02
17) Chrysene-d12	21.209	240	18104	0.400	ng/ul	#-0.02
23) Perylene-d12	23.424	264	21692	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	9754	1.060	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	2907	0.077	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	4520	0.083	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.431	128	3661	0.055	ng/ul#	91
7) 2-Methylnaphthalene	12.054	142	1481	0.033	ng/ul	96
8) 1-Methylnaphthalene	12.274	142	941	0.020	ng/ul	95
10) Acenaphthylene	13.971	152	6179	0.106	ng/ul	94
11) Acenaphthene	14.313	153	2111	0.047	ng/ul	95
12) Fluorene	15.308	166	2655	0.049	ng/ul#	97
15) Phenanthrene	17.046	178	54727	0.833	ng/ul	100
16) Anthracene	17.138	178	10901	0.186	ng/ul	96
19) Fluoranthene	19.073	202	115218	1.671	ng/ul	97
20) Pyrene	19.440	202	83685	1.162	ng/ul	98
21) Benzo(a)anthracene	21.194	228	47298	0.724	ng/ul	96
22) Chrysene	21.246	228	59621	0.831	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	87874m	0.932	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	31919m	0.349	ng/ul	
26) Benzo(a)pyrene	23.327	252	30870	0.471	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.663	276	33879	0.330	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.663	278	11002	0.144	ng/ul#	18
29) Benzo(g,h,i)perylene	26.347	276	6638	0.081	ng/ul#	44

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

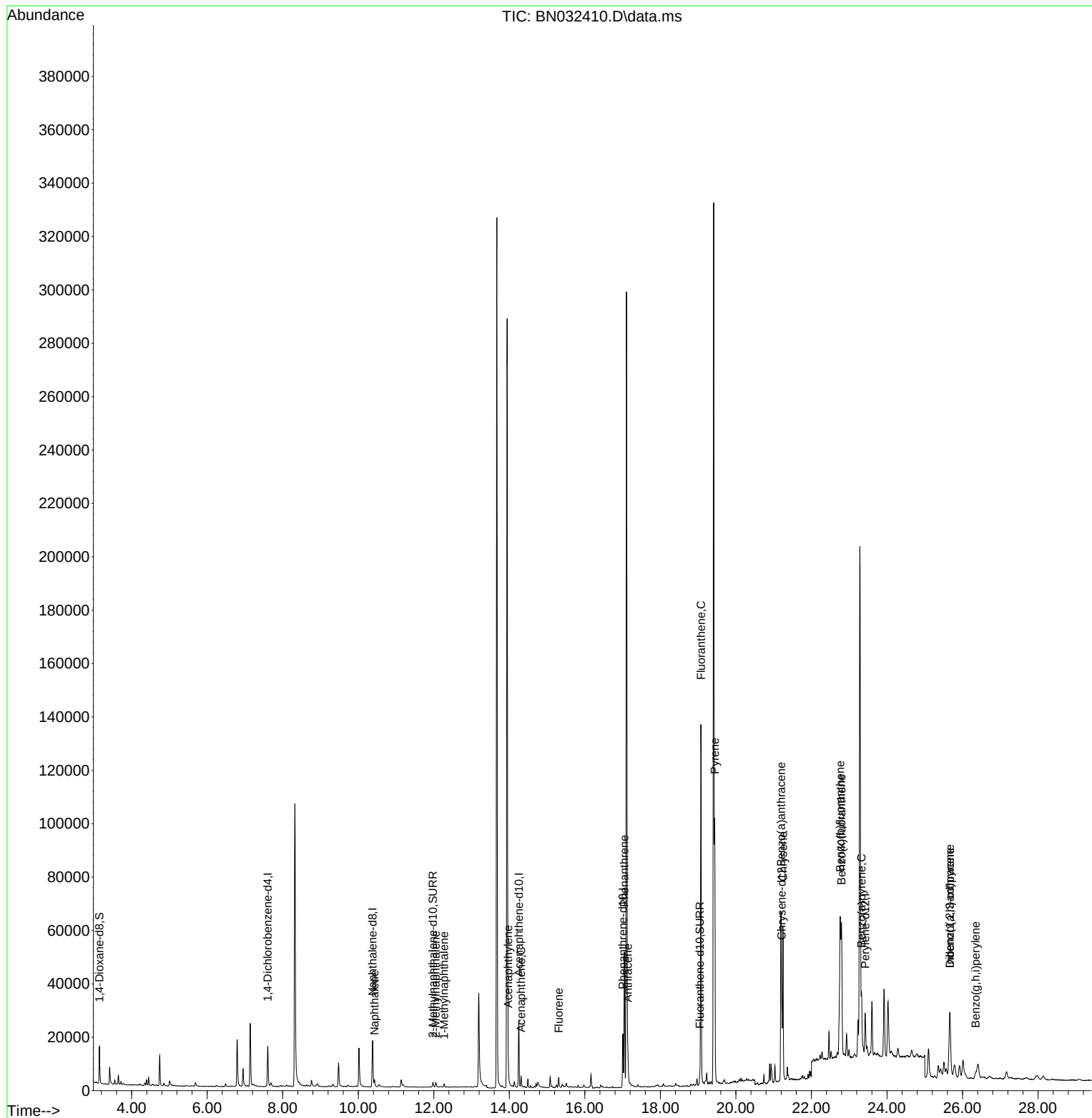
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032410.D
Acq On : 02 Jul 2024 20:48
Operator : MA/JU
Sample : P2871-16DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

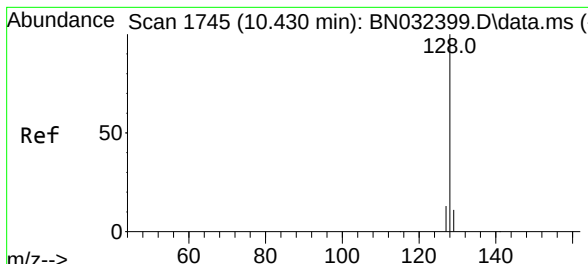
Instrument :
BNA_N
ClientSampleId :
A4CN7DL

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Supervised By :mohammad ahmed 07/04/2024

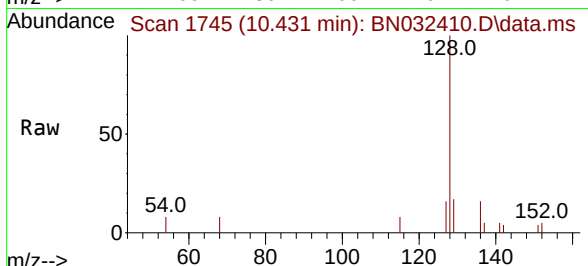
Quant Time: Jul 02 23:56:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

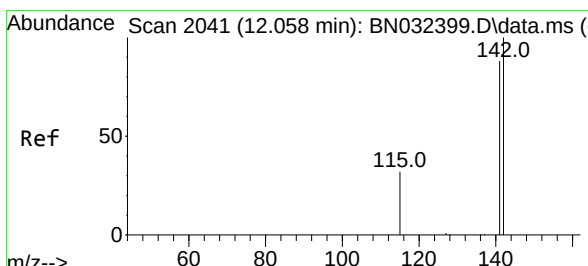
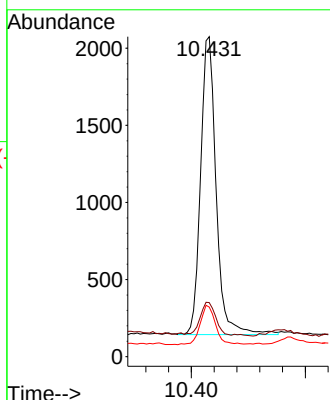
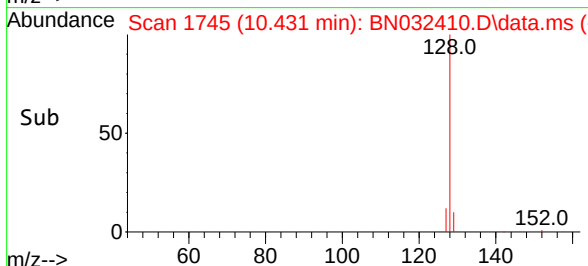
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:128 Resp: 366
Ion Ratio Lower Upper
128 100
129 16.9 9.2 13.8
127 15.5 10.8 16.2

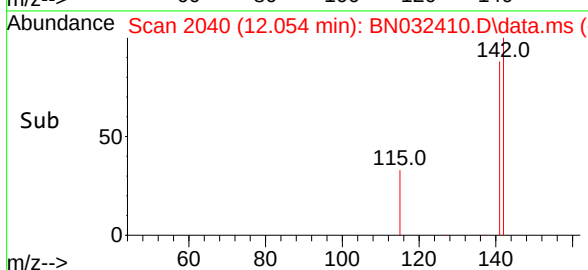
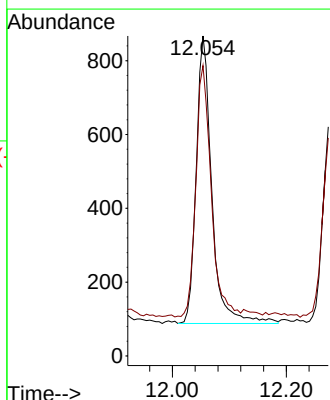
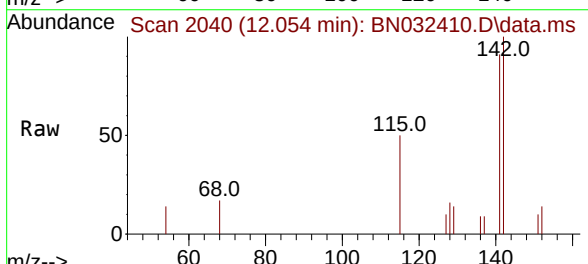
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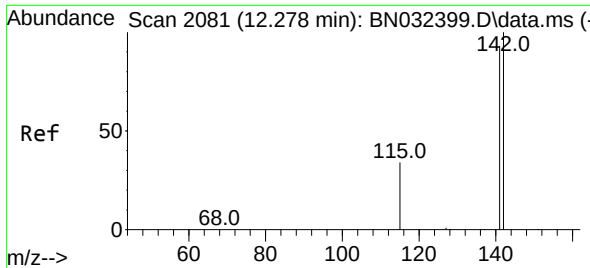
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

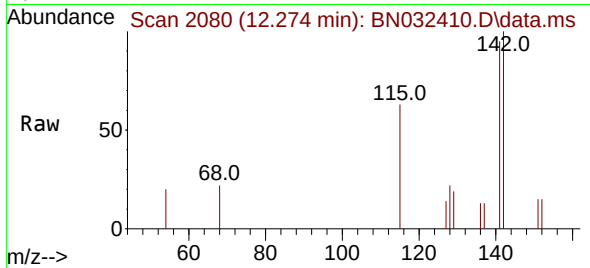
Tgt Ion:142 Resp: 1481
Ion Ratio Lower Upper
142 100
141 86.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

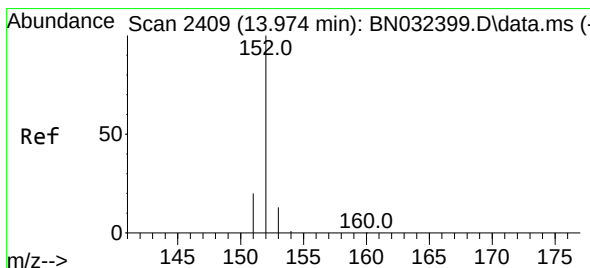
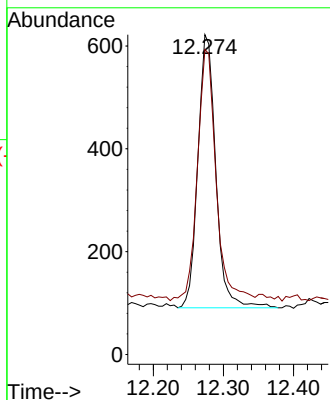
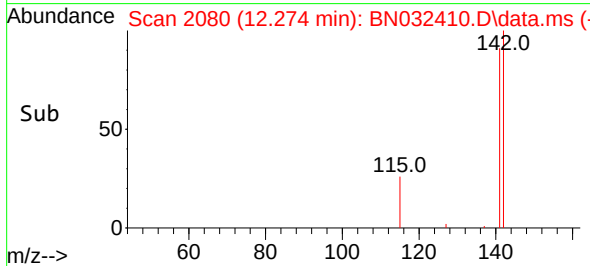
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:142 Resp: 94
Ion Ratio Lower Upper
142 100
141 96.2 73.4 110.0

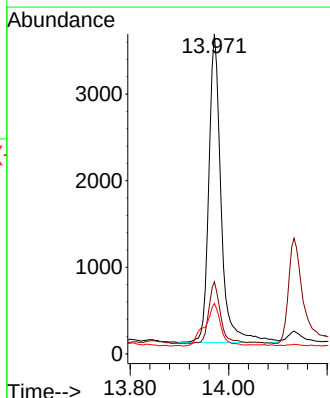
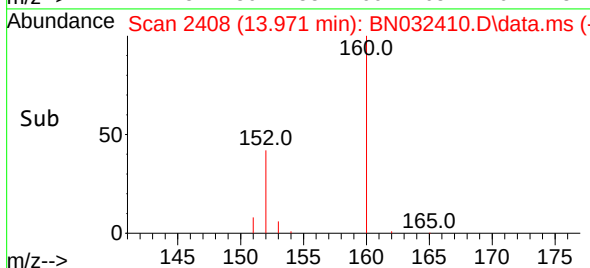
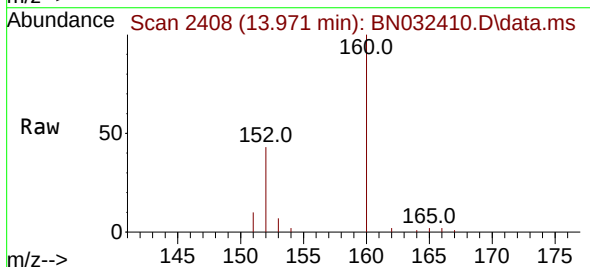
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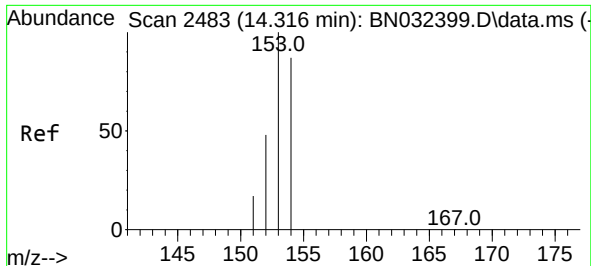
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

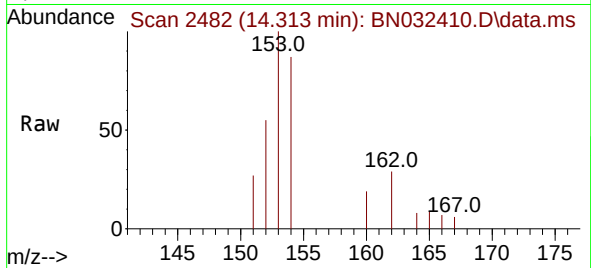
Tgt Ion:152 Resp: 6179
Ion Ratio Lower Upper
152 100
151 22.5 15.7 23.5
153 15.8 10.9 16.3





#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

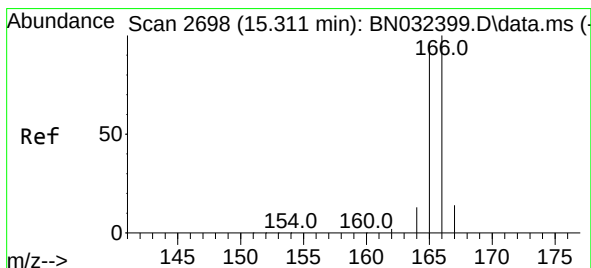
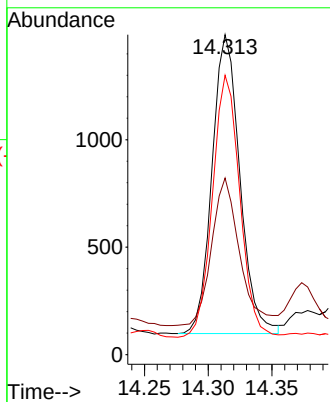
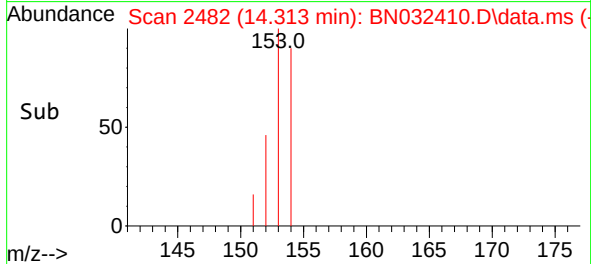
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:153 Resp: 211
Ion Ratio Lower Upper
153 100
152 55.2 39.5 59.3
154 87.3 71.7 107.5

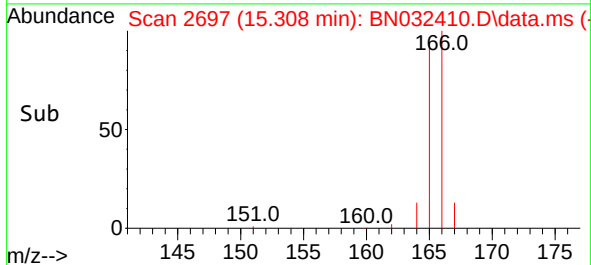
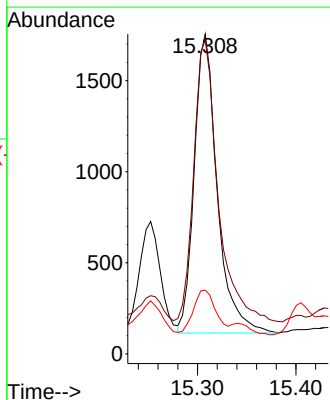
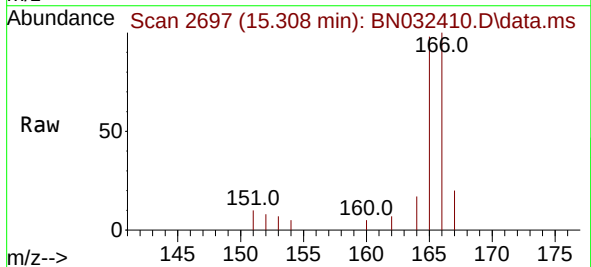
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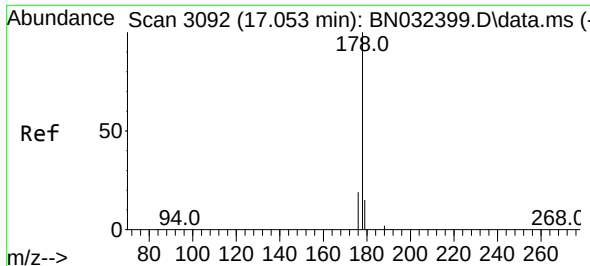
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

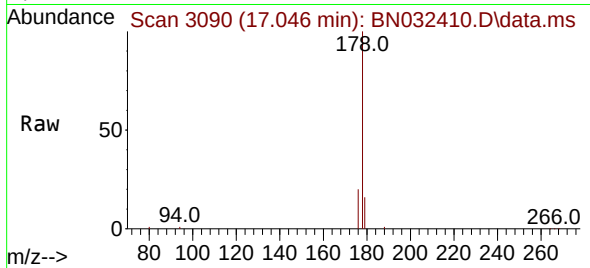
Tgt Ion:166 Resp: 2655
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 19.9 11.0 16.6#





#15
Phenanthrene
Concen: 0.833 ng/ul
RT: 17.046 min Scan# 3092
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

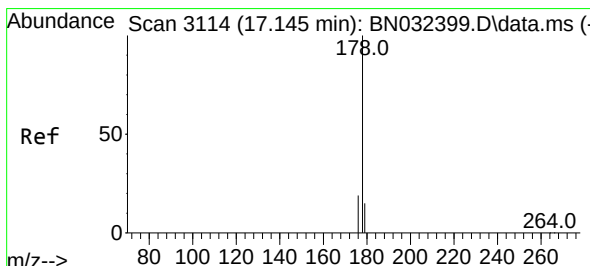
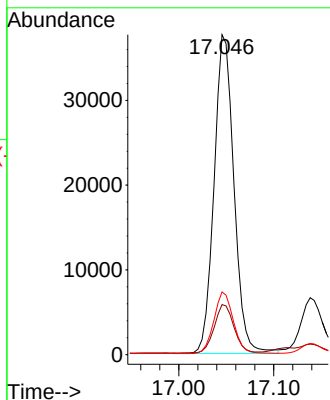
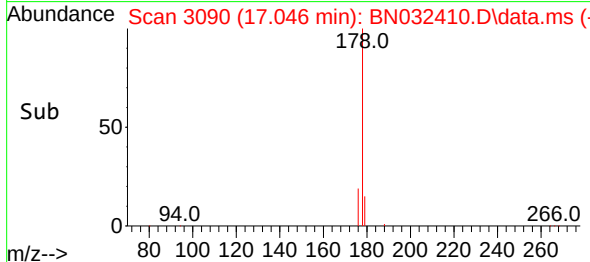
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:178 Resp: 5472
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.6 15.6 23.4

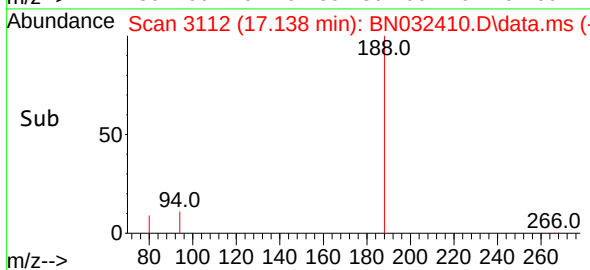
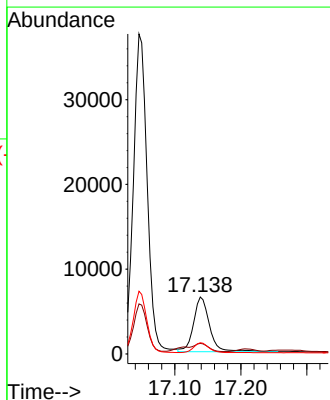
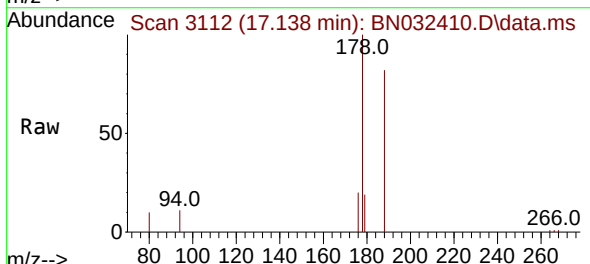
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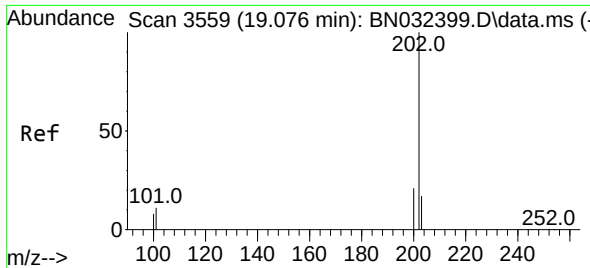
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.186 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

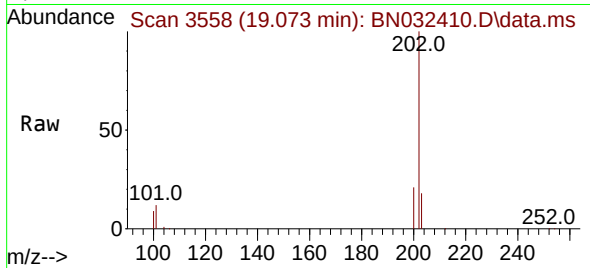
Tgt Ion:178 Resp: 10901
Ion Ratio Lower Upper
178 100
179 18.6 12.5 18.7
176 19.6 15.0 22.6





#19
Fluoranthene
Concen: 1.671 ng/ul
RT: 19.073 min Scan# 3559
Delta R.T. -0.019 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

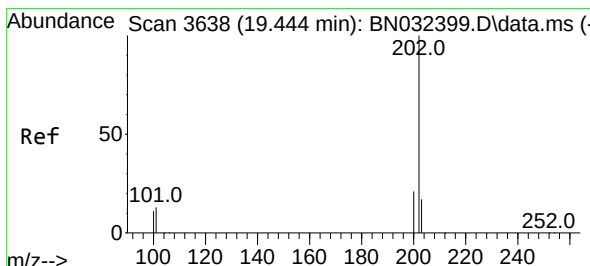
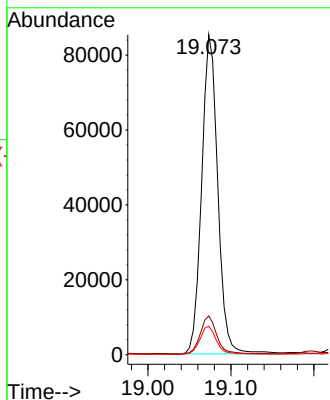
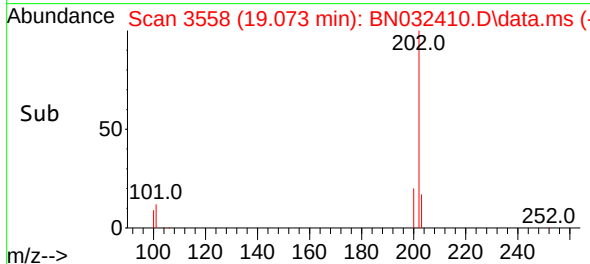
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:202 Resp: 115218
Ion Ratio Lower Upper
202 100
101 12.1 8.8 13.2
100 8.9 6.4 9.6

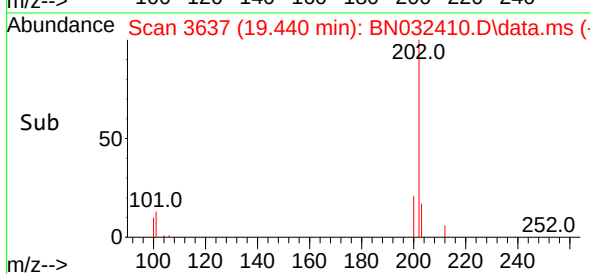
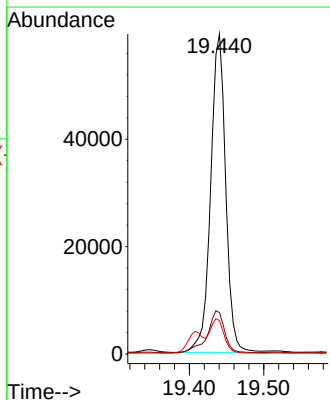
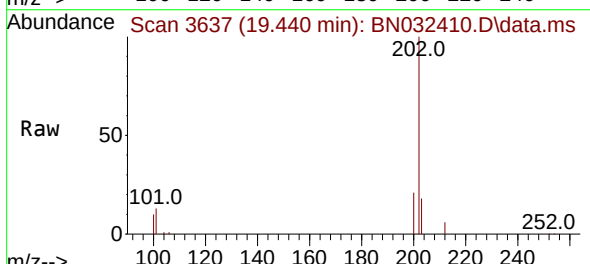
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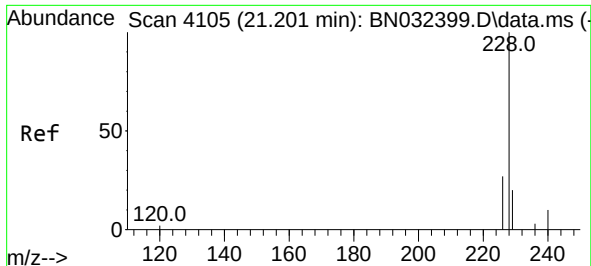
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 1.162 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

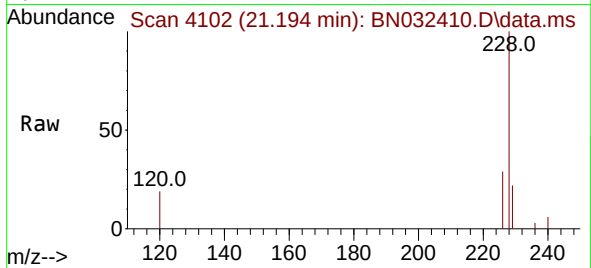
Tgt Ion:202 Resp: 83685
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.724 ng/ul
RT: 21.194 min Scan# 4105
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

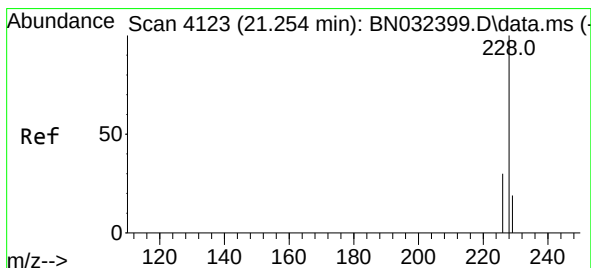
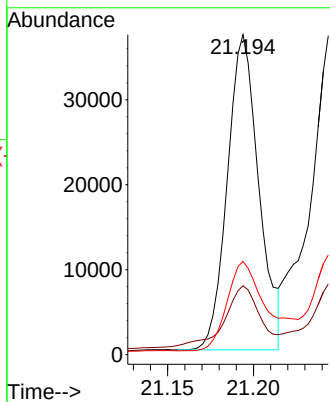
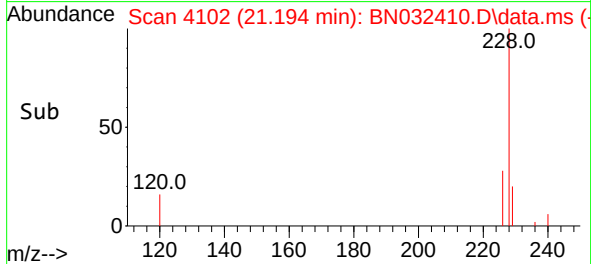
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:228 Resp: 47298
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.2 21.8 32.8

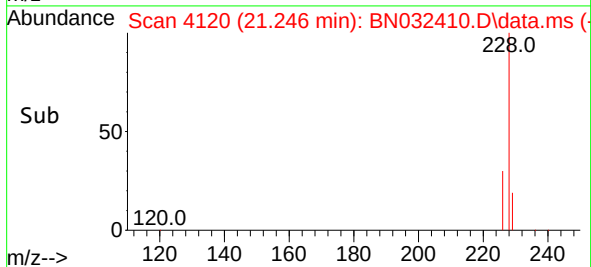
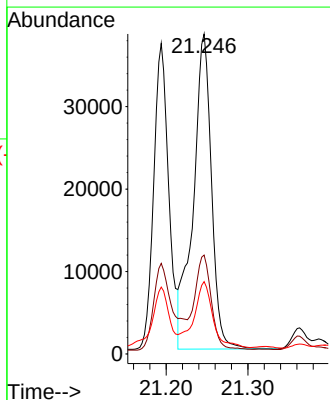
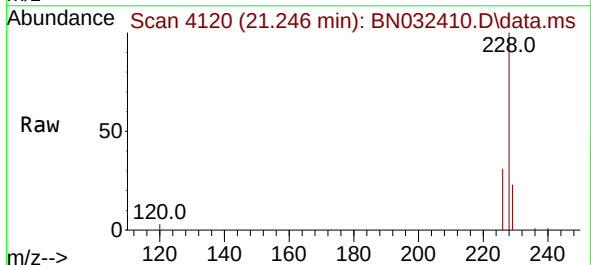
Manual Integrations
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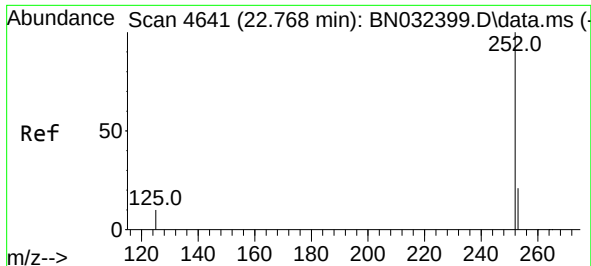
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.831 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

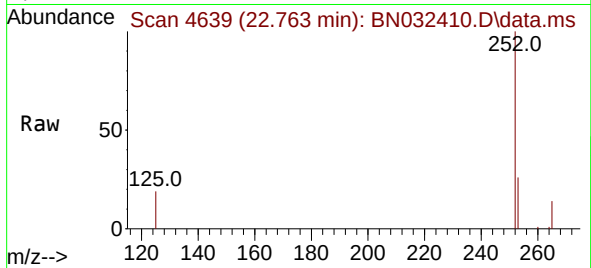
Tgt Ion:228 Resp: 59621
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.932 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

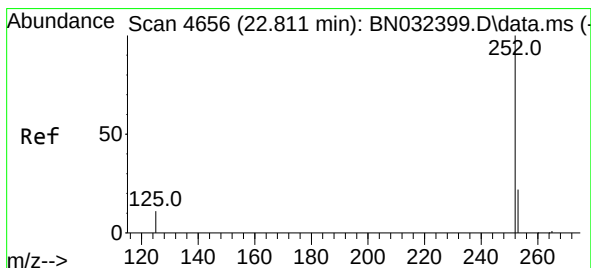
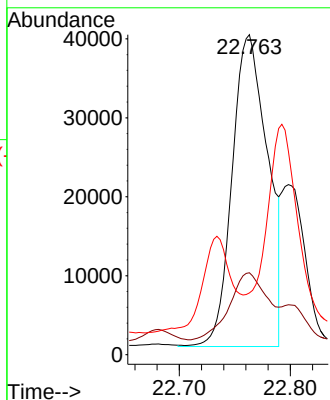
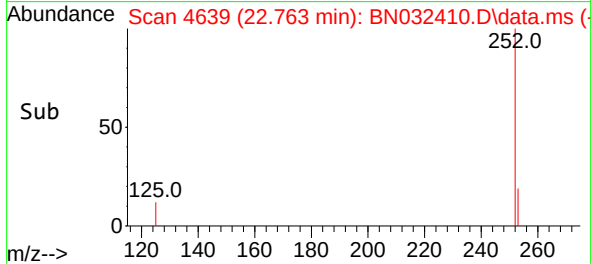
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:252 Resp: 87874
Ion Ratio Lower Upper
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253 25.6 0.0 50.2
125 19.3 0.0 32.0

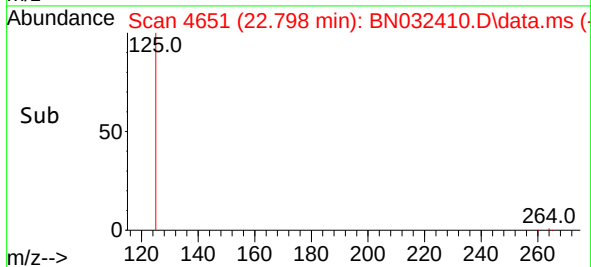
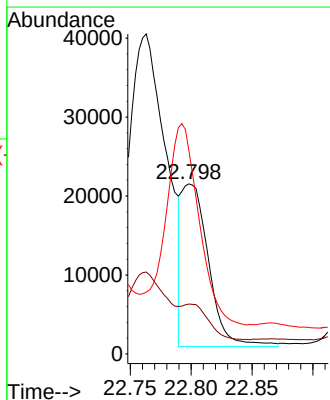
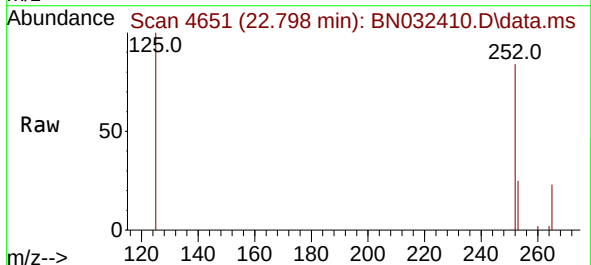
Manual Integrations
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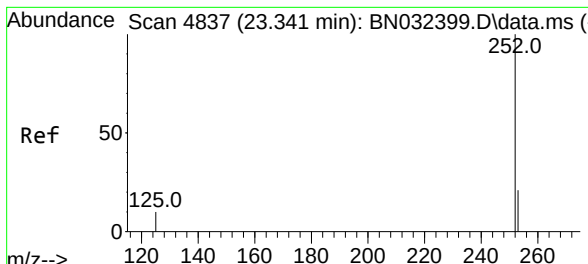
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.029 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

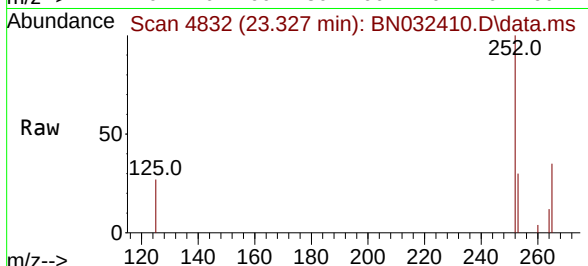
Tgt Ion:252 Resp: 31919
Ion Ratio Lower Upper
252 100
253 29.4 20.3 30.5
125 119.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.471 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

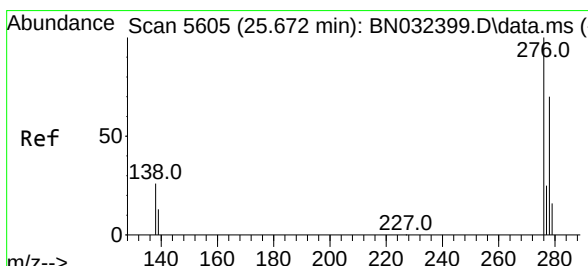
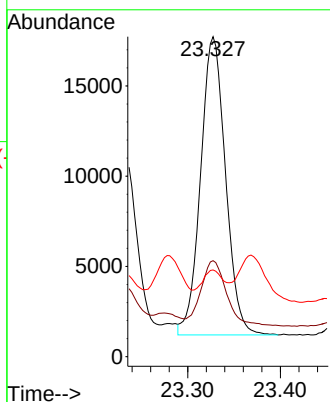
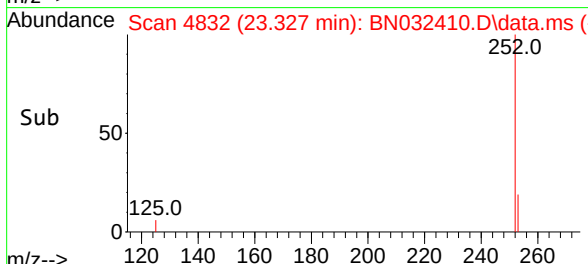
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



Tgt Ion:252 Resp: 30870
Ion Ratio Lower Upper
252 100
253 30.0 22.2 33.2
125 27.1 16.4 24.6

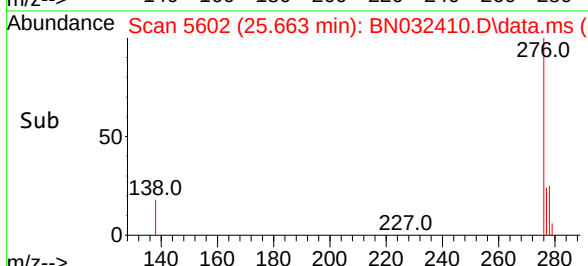
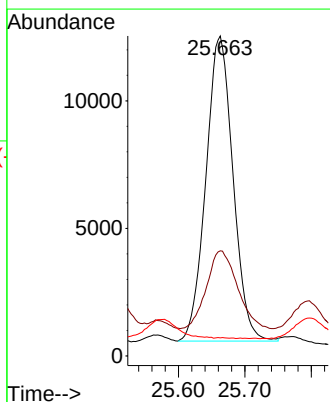
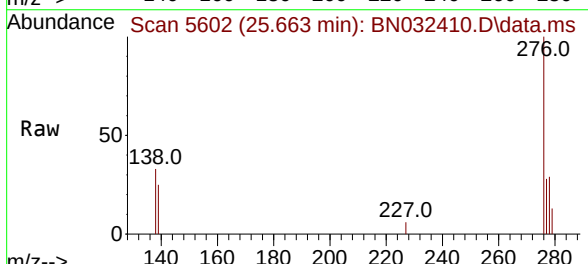
Manual Integrations
APPROVED

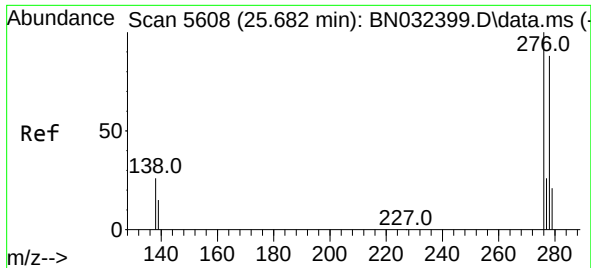
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

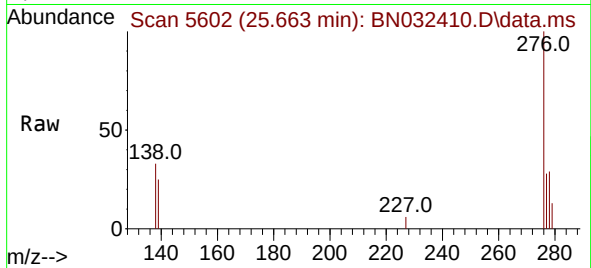
Tgt Ion:276 Resp: 33879
Ion Ratio Lower Upper
276 100
138 30.1 21.3 31.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.144 ng/ul
RT: 25.663 min Scan# 50
Delta R.T. -0.047 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48

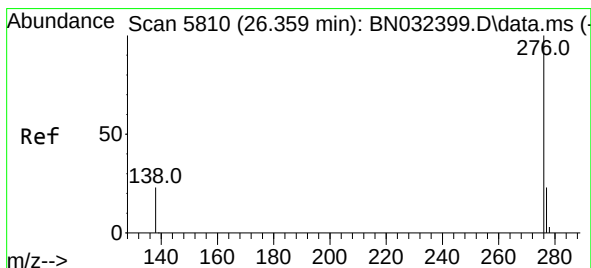
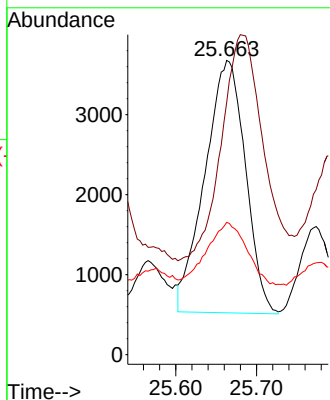
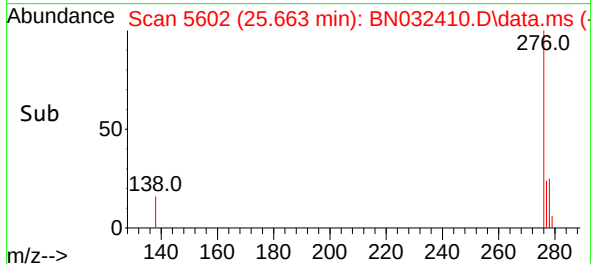
Instrument :
BNA_N
ClientSampleId :
A4CN7DL



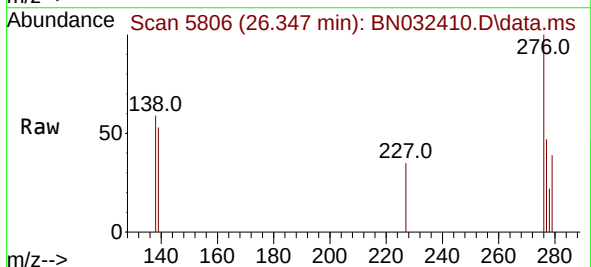
Tgt Ion:278 Resp: 1100
Ion Ratio Lower Upper
278 100
139 85.7 15.9 23.9#
279 45.0 21.1 31.7#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032410.D
Acq: 02 Jul 2024 20:48



Tgt Ion:276 Resp: 6638
Ion Ratio Lower Upper
276 100
138 58.7 19.8 29.6#
277 47.1 19.8 29.6#

