

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032446.D
 Acq On : 03 Jul 2024 21:11
 Operator : MA/JU
 Sample : P2963-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B47

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 23:50:12 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	5692	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	17240	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	9923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	20935m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	12480m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	17652m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31159	4.925	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	8603	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	14712m	0.392	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	118789	2.604	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	12434	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	10639	0.339	ng/ul	99
10) Acenaphthylene	13.971	152	24294	0.589	ng/ul	97
11) Acenaphthene	14.313	153	33396	1.043	ng/ul	98
12) Fluorene	15.303	166	44634	1.169	ng/ul	100
15) Phenanthrene	17.046	178	643089m	11.205	ng/ul	
16) Anthracene	17.138	178	121776m	2.379	ng/ul	
19) Fluoranthene	19.073	202	903994m	19.022	ng/ul	
20) Pyrene	19.440	202	640975m	12.906	ng/ul	
21) Benzo(a)anthracene	21.194	228	411770m	9.142	ng/ul	
22) Chrysene	21.246	228	469511m	9.497	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	518353m	6.759	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	193908m	2.602	ng/ul	
26) Benzo(a)pyrene	23.330	252	220992m	4.142	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	177875m	2.129	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	72367m	1.166	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	28924m	0.435	ng/ul	

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

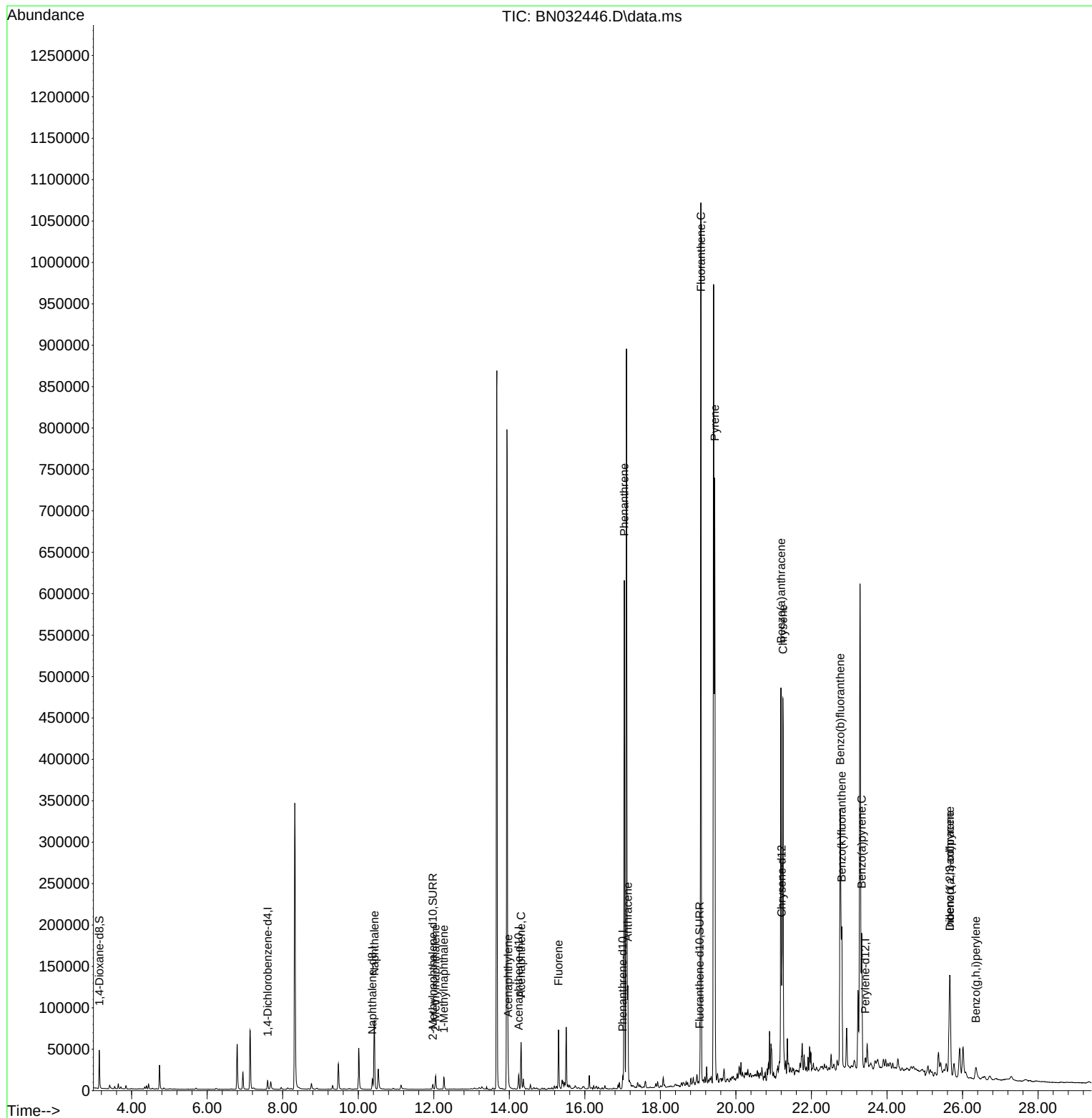
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032446.D
Acq On : 03 Jul 2024 21:11
Operator : MA/JU
Sample : P2963-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

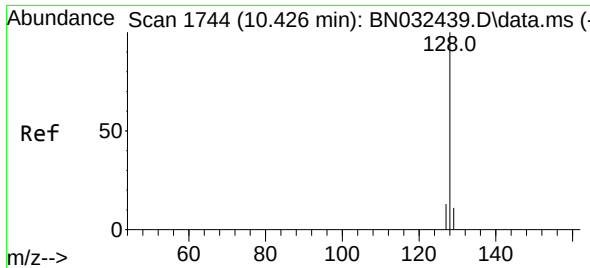
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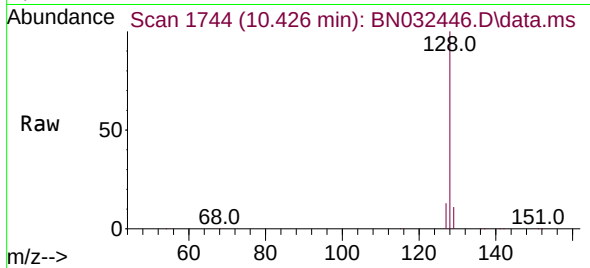
Quant Time: Jul 03 23:50:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 2.604 ng/ul
RT: 10.426 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

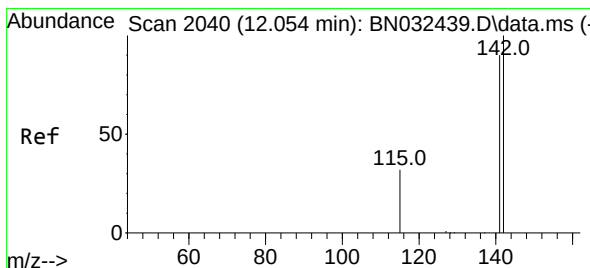
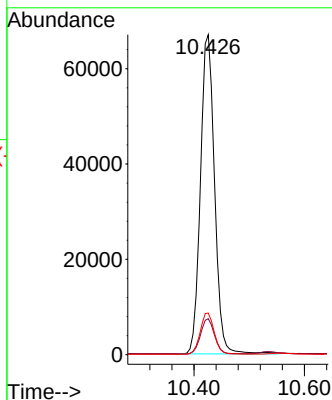
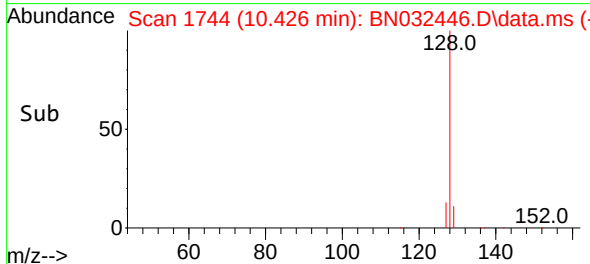
Instrument :
BNA_N
ClientSampleId :
A4B47



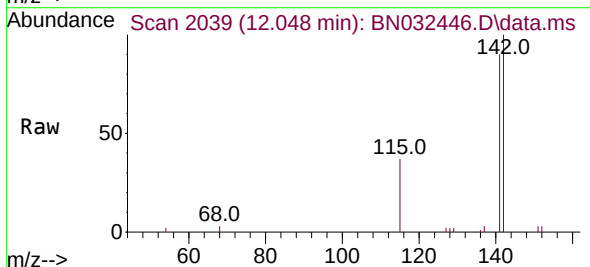
Tgt Ion:128 Resp: 118789
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.8 16.2

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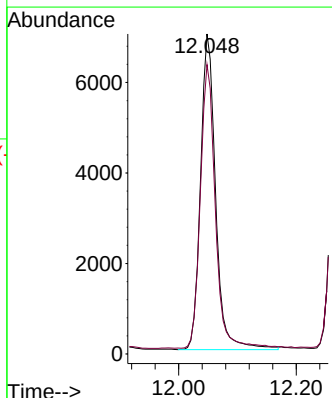
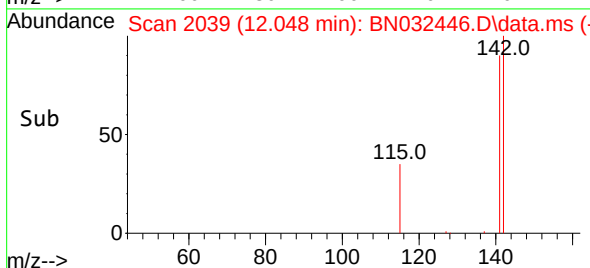
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

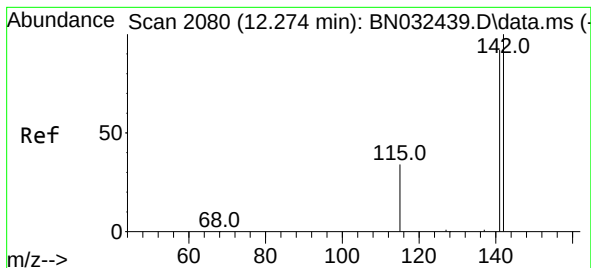


#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11



Tgt Ion:142 Resp: 12434
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.339 ng/ul

RT: 12.268 min Scan# 2080

Delta R.T. -0.005 min

Lab File: BN032446.D

Acq: 03 Jul 2024 21:11

Instrument :

BNA_N

ClientSampleId :

A4B47

Tgt Ion:142 Resp: 10639

Ion Ratio Lower Upper

142 100

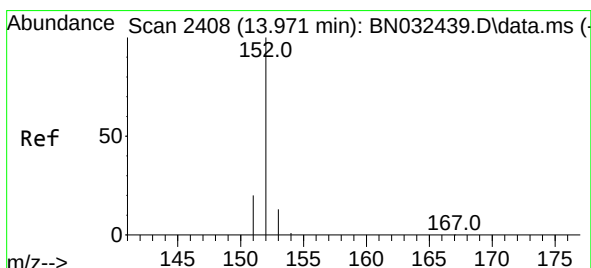
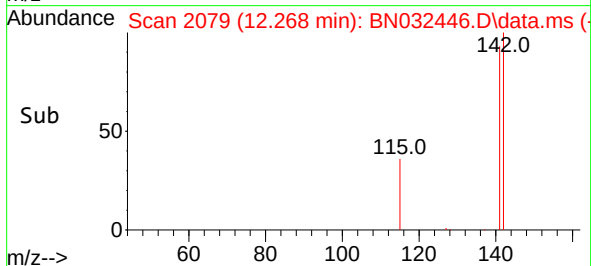
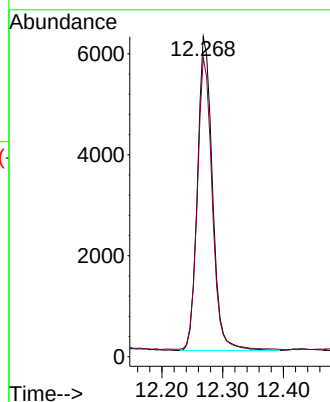
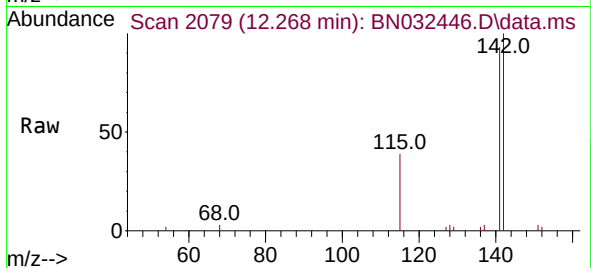
141 92.3 73.4 110.0

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#10

Acenaphthylene

Concen: 0.589 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BN032446.D

Acq: 03 Jul 2024 21:11

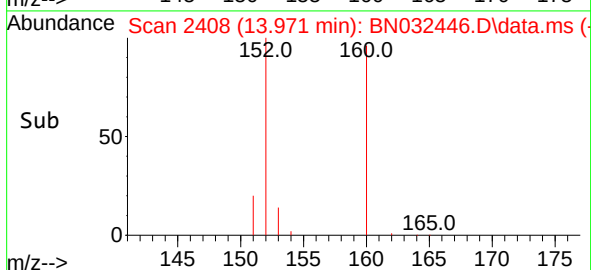
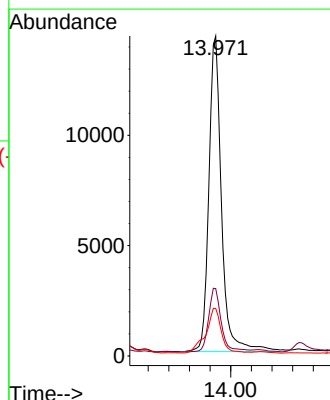
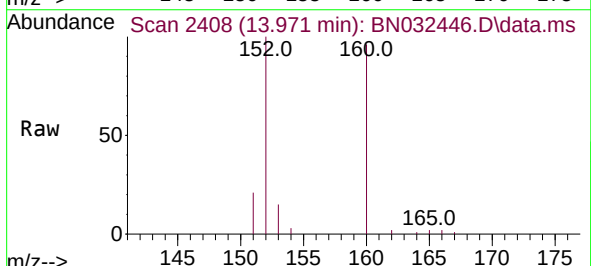
Tgt Ion:152 Resp: 24294

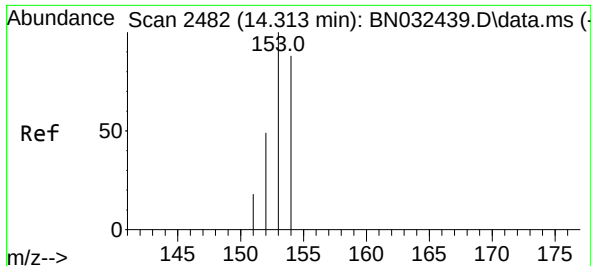
Ion Ratio Lower Upper

152 100

151 21.0 15.7 23.5

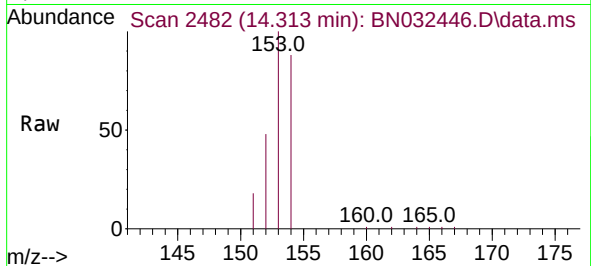
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 1.043 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

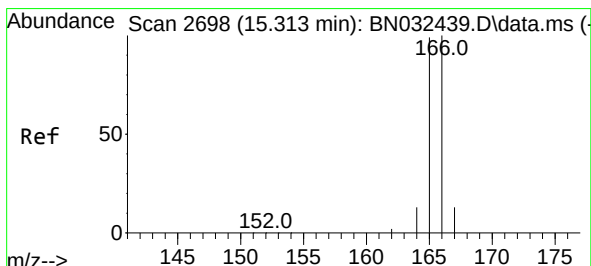
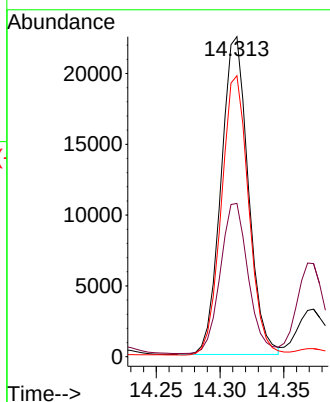
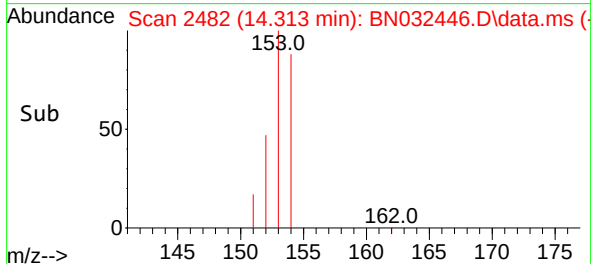
Instrument :
BNA_N
ClientSampleId :
A4B47



Tgt Ion:153 Resp: 33390
Ion Ratio Lower Upper
153 100
152 47.9 39.5 59.3
154 87.8 71.7 107.5

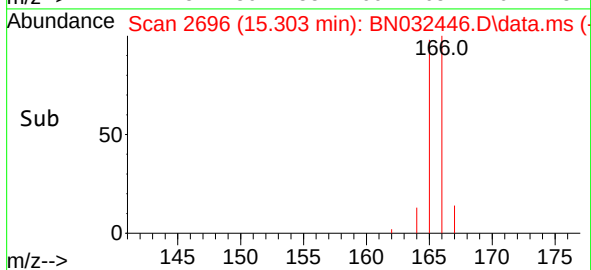
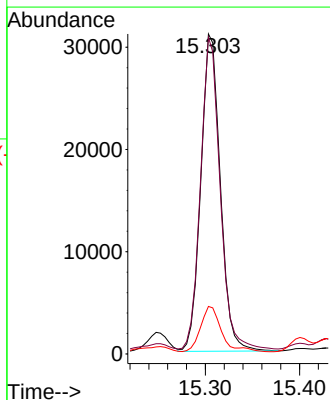
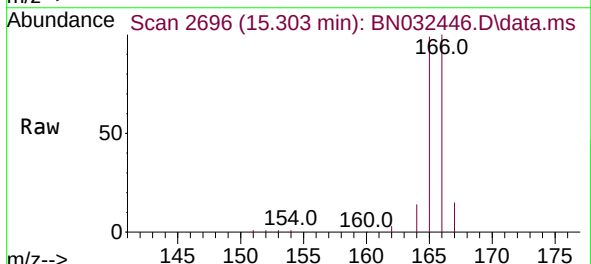
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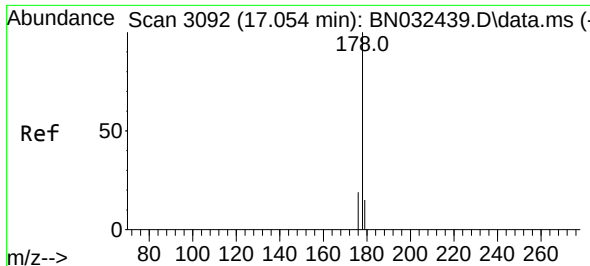
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 1.169 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

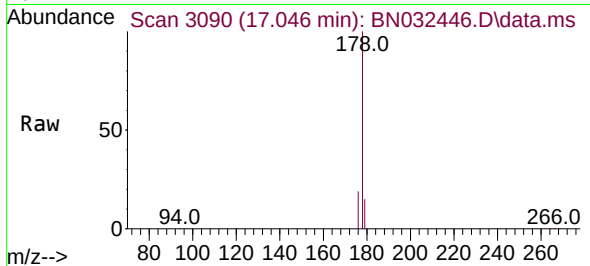
Tgt Ion:166 Resp: 44634
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 14.9 11.0 16.6





#15
Phenanthrene
Concen: 11.205 ng/ul m
RT: 17.046 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

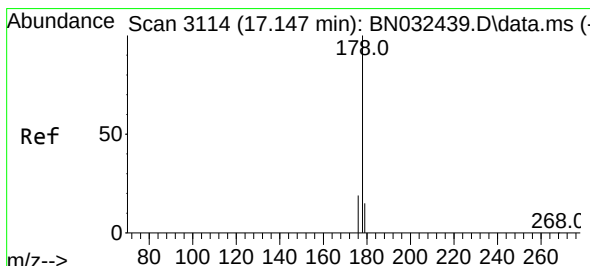
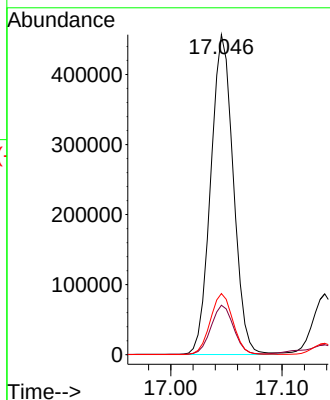
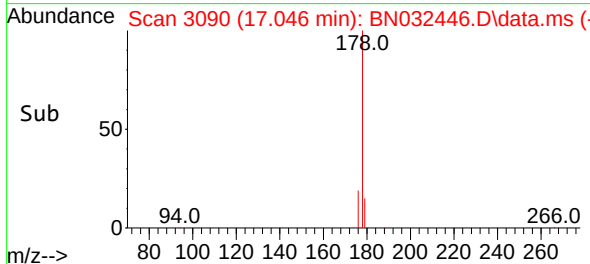
Instrument :
BNA_N
ClientSampleId :
A4B47



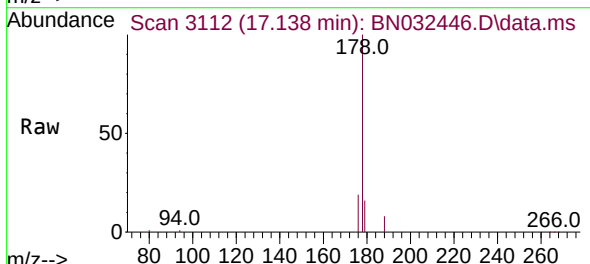
Tgt Ion:178 Resp: 643089
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4

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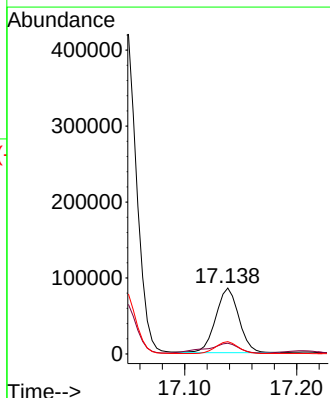
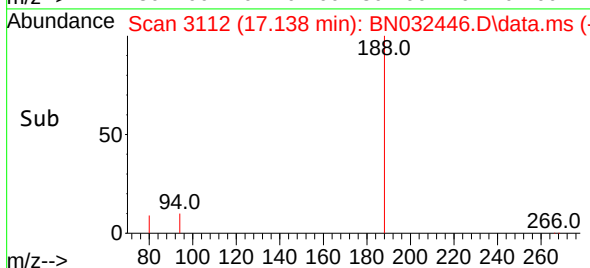
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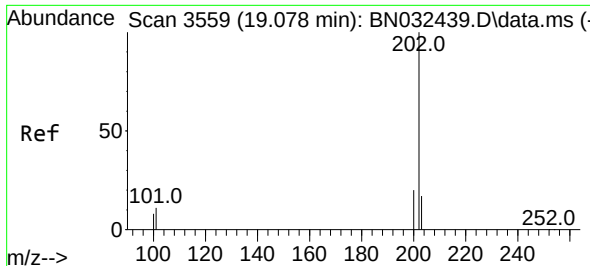


#16
Anthracene
Concen: 2.379 ng/ul m
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11



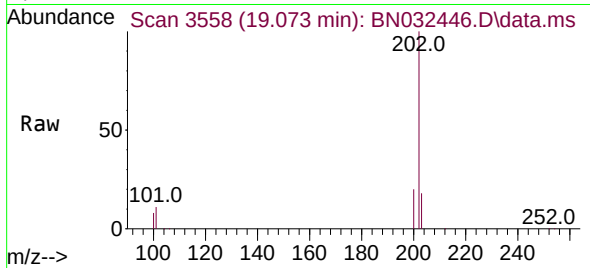
Tgt Ion:178 Resp: 121776
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 19.022 ng/ul m
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

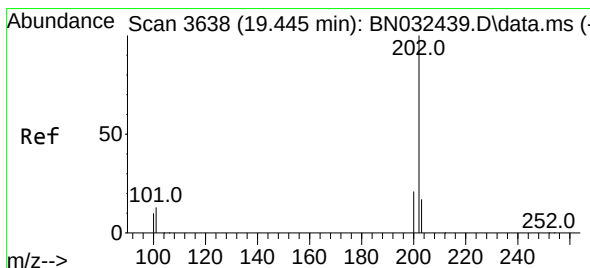
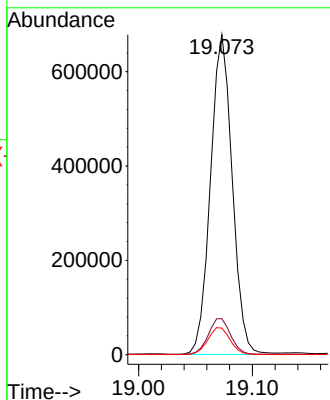
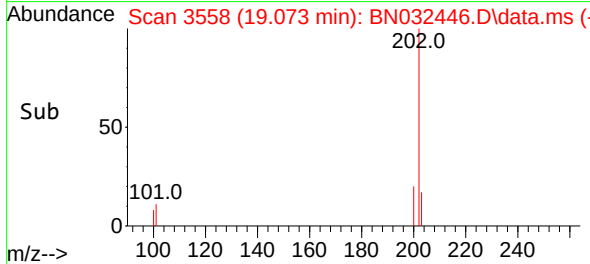
Instrument :
BNA_N
ClientSampleId :
A4B47



Tgt Ion:202 Resp: 903994
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.3 6.4 9.6

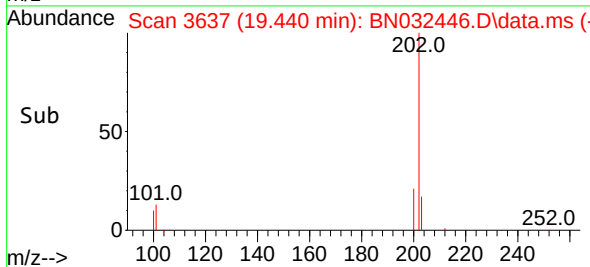
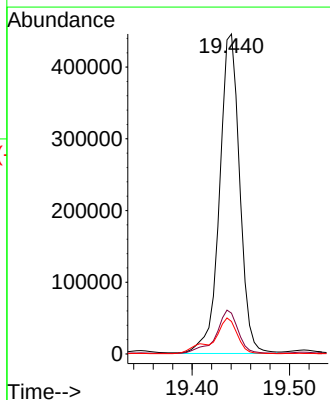
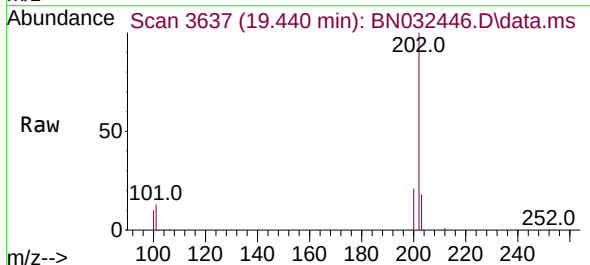
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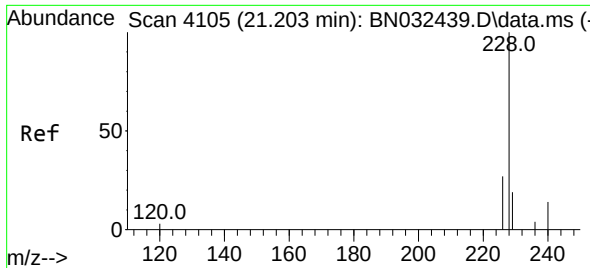
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 12.906 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

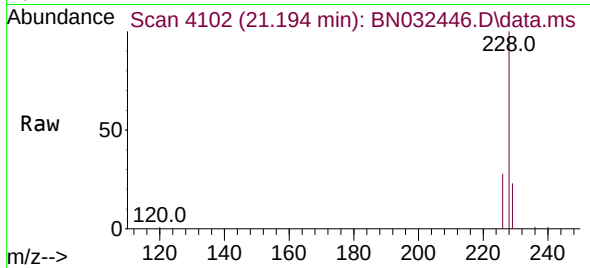
Tgt Ion:202 Resp: 640975
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 10.2 8.7 13.1





#21
Benzo(a)anthracene
Concen: 9.142 ng/ul m
RT: 21.194 min Scan# 4105
Delta R.T. 0.003 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

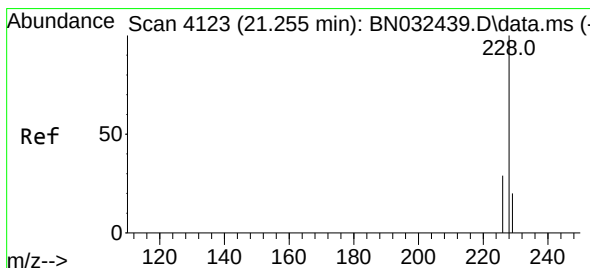
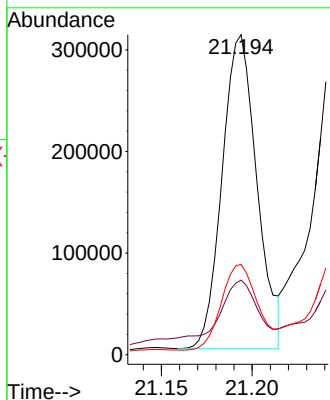
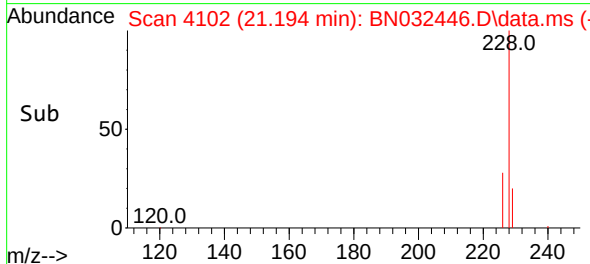
Instrument :
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Tgt Ion:228 Resp: 411770
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 28.2 21.8 32.8

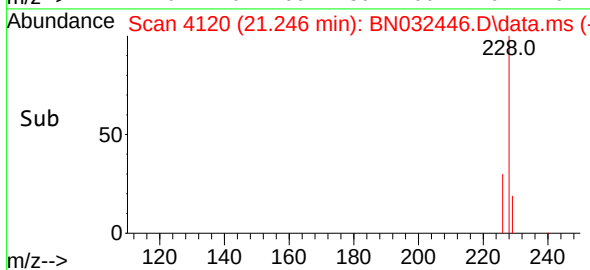
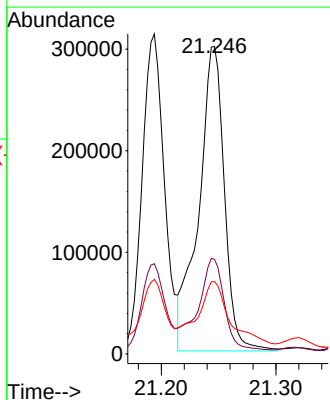
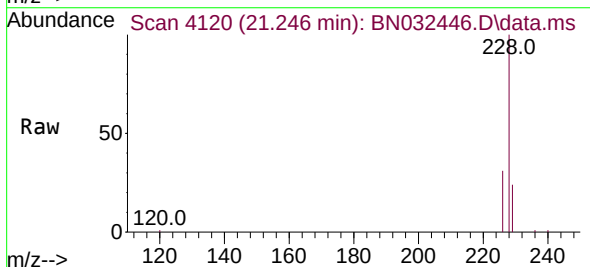
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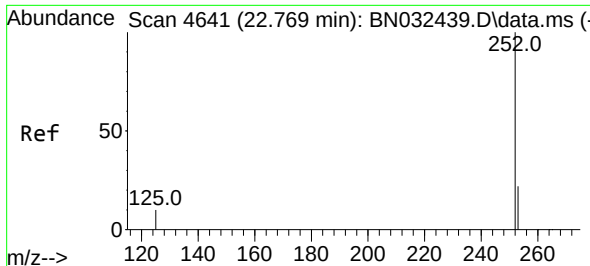
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 9.497 ng/ul m
RT: 21.246 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

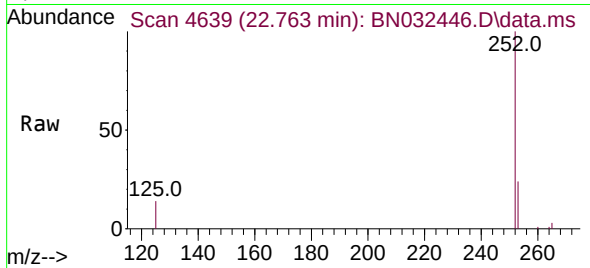
Tgt Ion:228 Resp: 469511
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 23.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 6.759 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

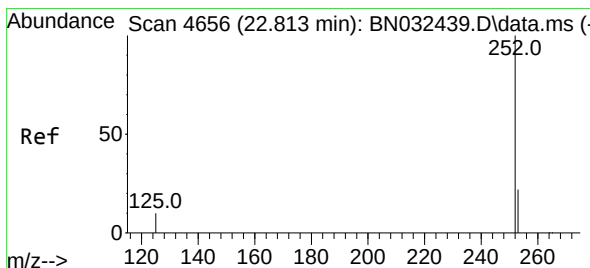
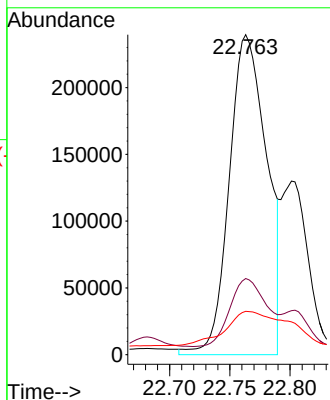
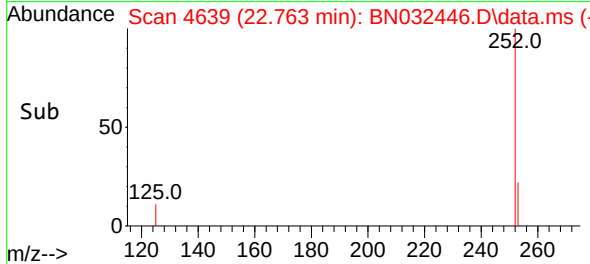
Instrument :
BNA_N
ClientSampleId :
A4B47



Tgt Ion:252 Resp: 51835
Ion Ratio Lower Upper
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253 23.8 0.0 50.2
125 13.5 0.0 32.0

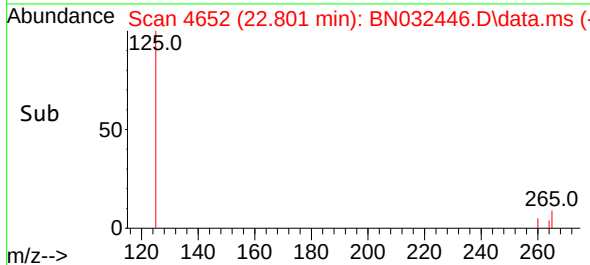
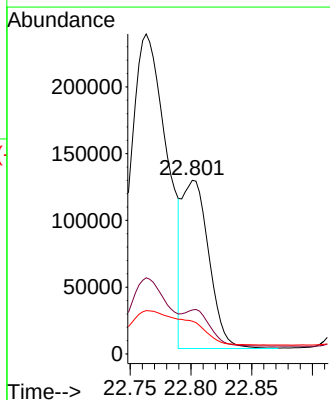
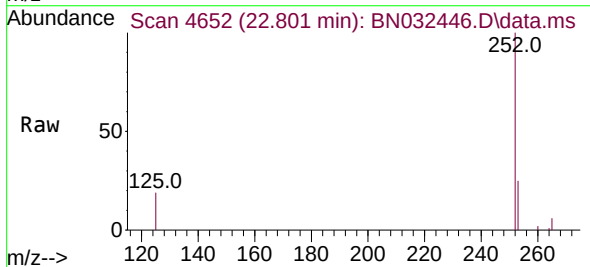
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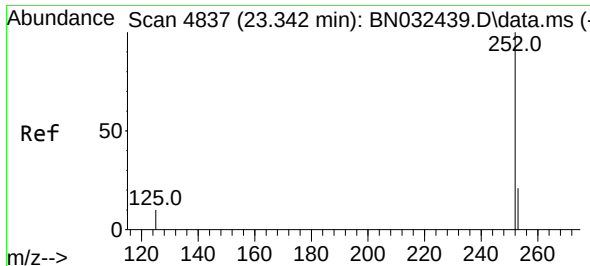
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 2.602 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. 0.000 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

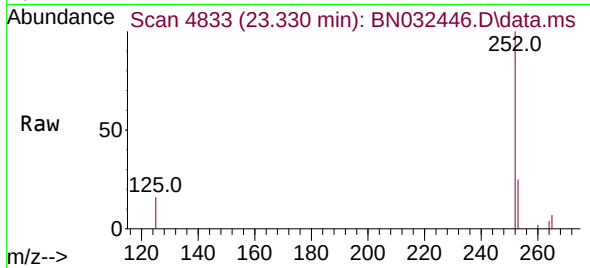
Tgt Ion:252 Resp: 193908
Ion Ratio Lower Upper
252 100
253 25.4 20.3 30.5
125 18.9 12.8 19.2





#26
Benzo(a)pyrene
Concen: 4.142 ng/ul m
RT: 23.330 min Scan# 4833
Delta R.T. 0.003 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

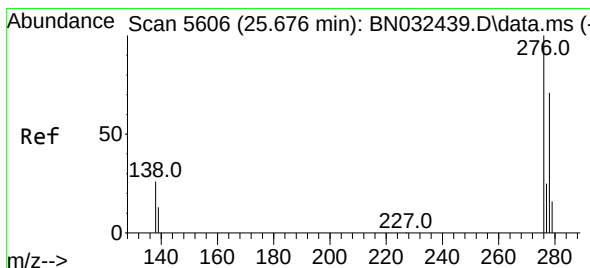
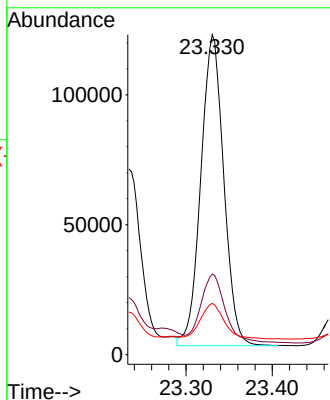
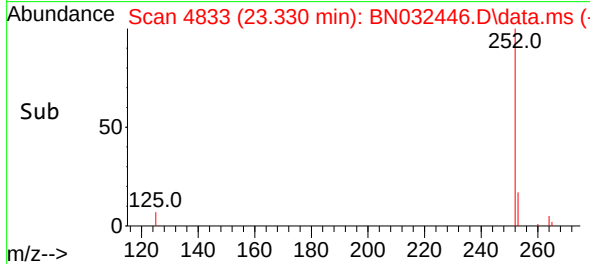
Instrument :
BNA_N
ClientSampleId :
A4B47



Tgt Ion:252 Resp: 220992
Ion Ratio Lower Upper
252 100
253 25.2 22.2 33.2
125 16.0 16.4 24.6

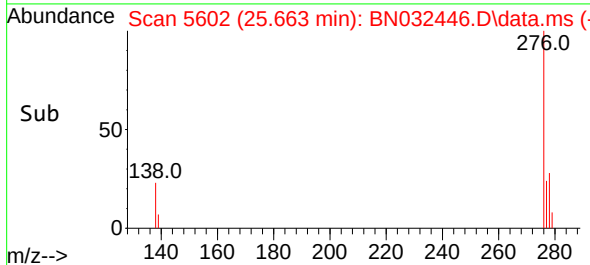
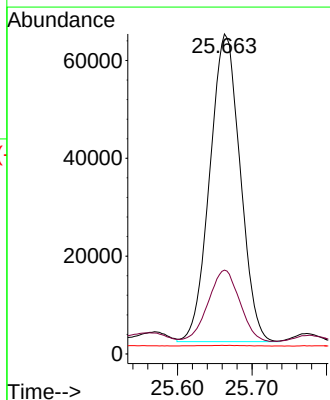
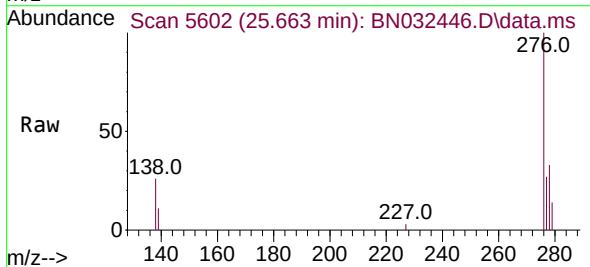
Manual Integrations
APPROVED

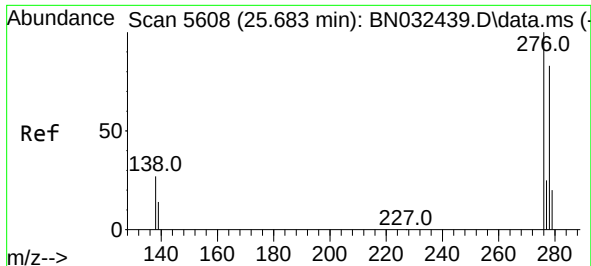
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.129 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. 0.003 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

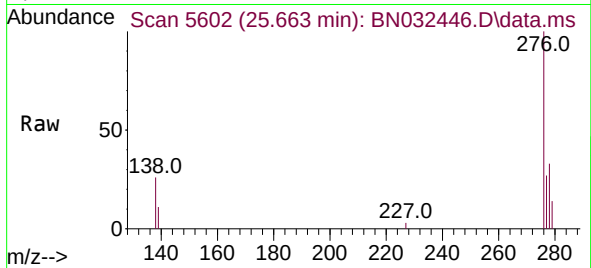
Tgt Ion:276 Resp: 177875
Ion Ratio Lower Upper
276 100
138 4.6 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.166 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. -0.003 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11

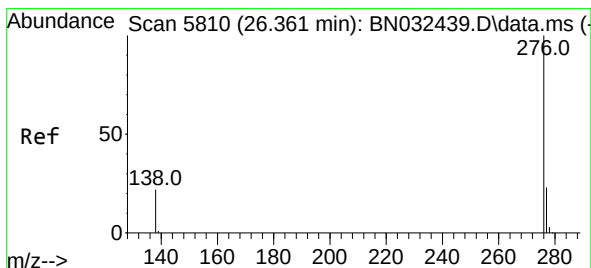
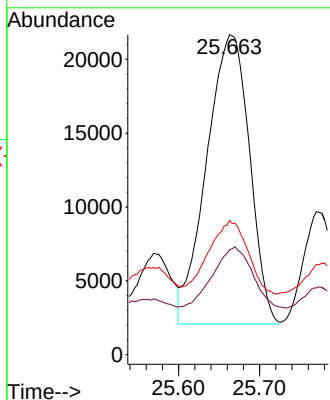
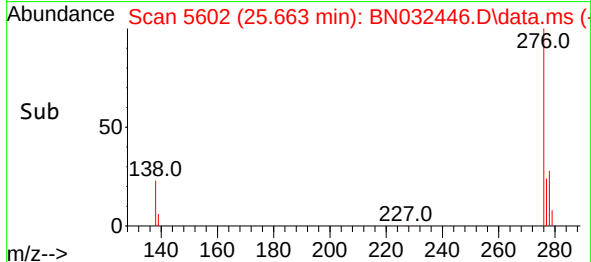
Instrument :
BNA_N
ClientSampleId :
A4B47



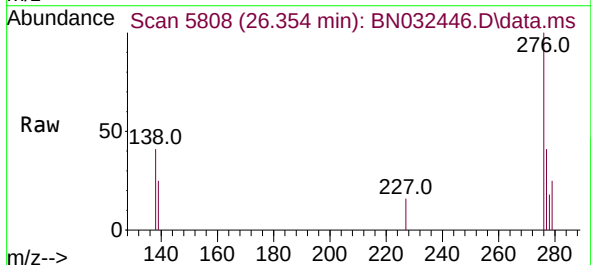
Tgt Ion:278 Resp: 7236
Ion Ratio Lower Upper
278 100
139 32.8 15.9 23.9#
279 42.0 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.435 ng/ul m
RT: 26.354 min Scan# 5808
Delta R.T. 0.010 min
Lab File: BN032446.D
Acq: 03 Jul 2024 21:11



Tgt Ion:276 Resp: 28924
Ion Ratio Lower Upper
276 100
138 40.9 19.8 29.6#
277 41.1 19.8 29.6#

