

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032444.D
 Acq On : 03 Jul 2024 19:59
 Operator : MA/JU
 Sample : P2963-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR0

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:49:50 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

07/05/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5612	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	16787	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	9646	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	18135m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	13507m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	15911m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	23190	3.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	6288	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	11913m	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	12142	0.273	ng/ul	98
7) 2-Methylnaphthalene	12.048	142	4960	0.168	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	4370	0.143	ng/ul	98
10) Acenaphthylene	13.971	152	19336	0.482	ng/ul	98
11) Acenaphthene	14.313	153	16555	0.532	ng/ul	99
12) Fluorene	15.308	166	23936	0.645	ng/ul	98
15) Phenanthrene	17.046	178	389179m	7.828	ng/ul	
16) Anthracene	17.139	178	78110m	1.761	ng/ul	
19) Fluoranthene	19.073	202	593288m	11.535	ng/ul	
20) Pyrene	19.436	202	408831m	7.606	ng/ul	
21) Benzo(a)anthracene	21.191	228	260890m	5.352	ng/ul	
22) Chrysene	21.244	228	282987m	5.289	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	376214m	5.442	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	137049m	2.041	ng/ul	
26) Benzo(a)pyrene	23.328	252	152019m	3.161	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	143430m	1.905	ng/ul	
28) Dibenzo(a,h)anthracene	25.660	278	51404m	0.919	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	20994m	0.350	ng/ul	

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

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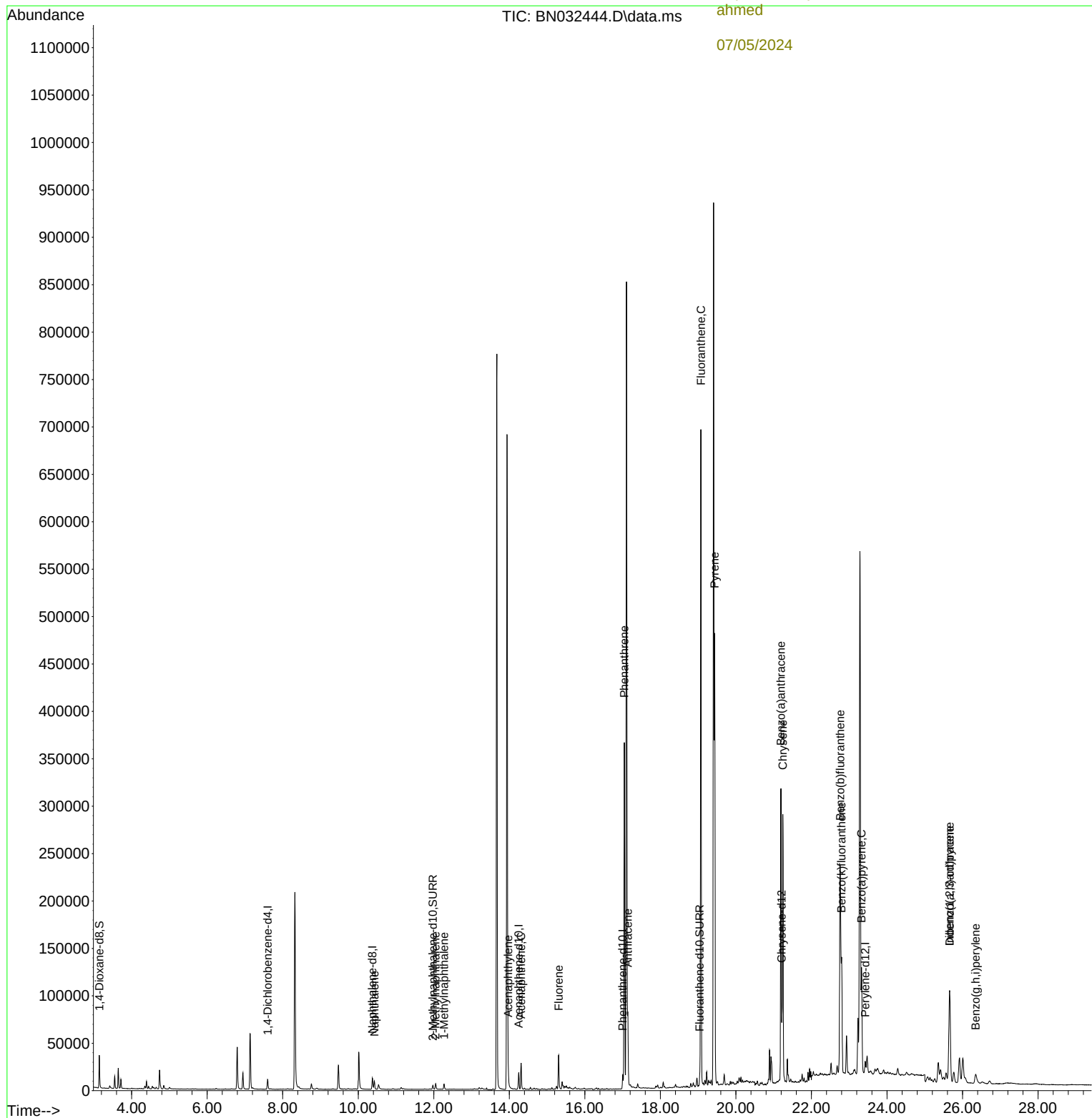
Manual Integrations
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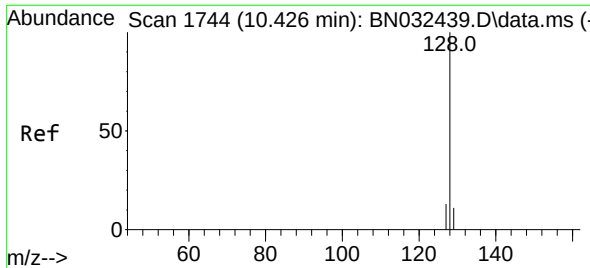
Reviewed By :Yogesh Patel 07/05/2024
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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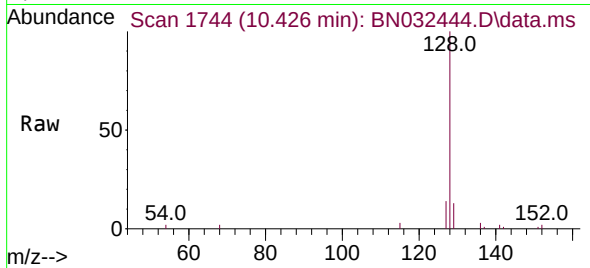
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#5
Naphthalene
Concen: 0.273 ng/uI
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Instrument :
BNA_N
ClientSampleId :
A4CR0



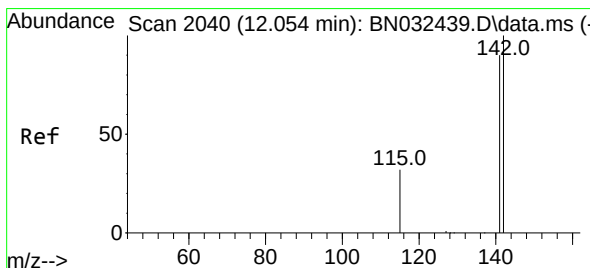
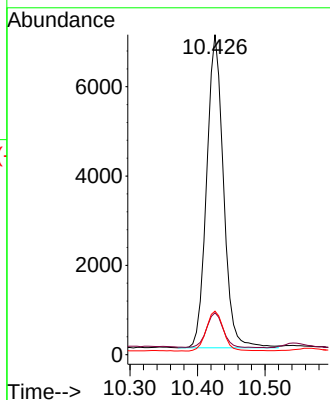
Tgt Ion:128 Resp: 1214
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 13.6 10.8 16.2

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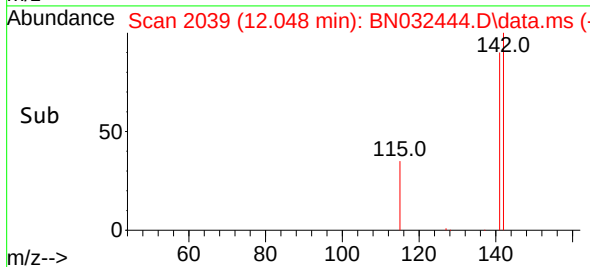
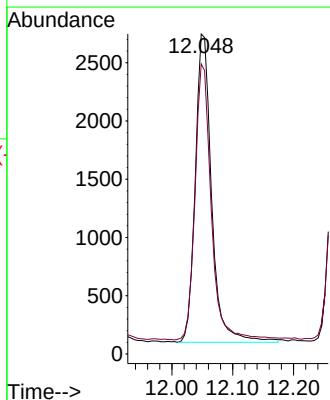
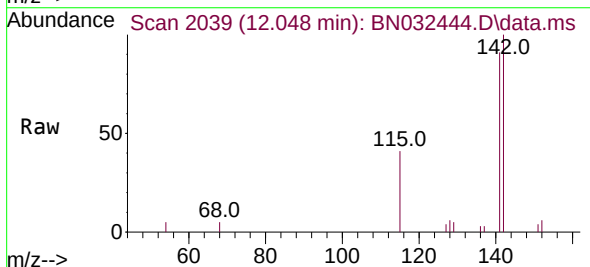
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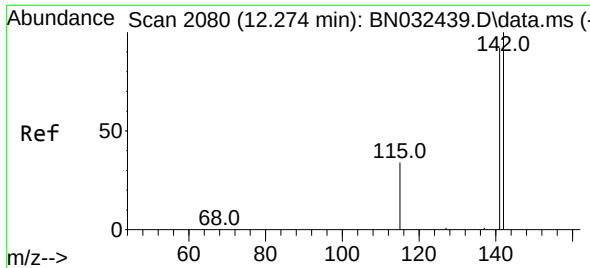
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#7
2-Methylnaphthalene
Concen: 0.168 ng/uI
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

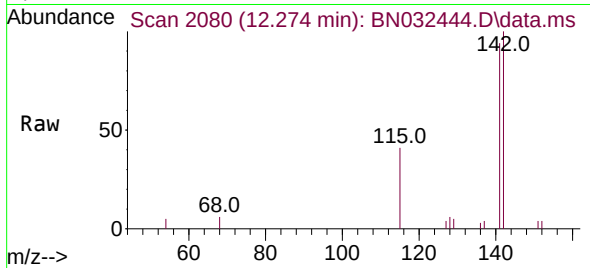
Tgt Ion:142 Resp: 4960
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

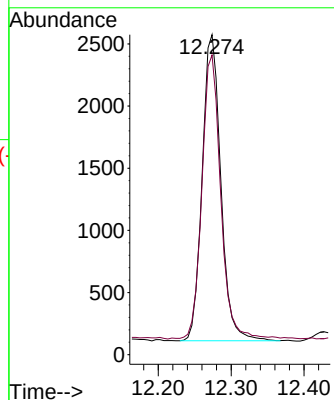
Instrument :
BNA_N
ClientSampleId :
A4CR0



Tgt Ion:142 Resp: 4370
Ion Ratio Lower Upper
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141 93.7 73.4 110.0

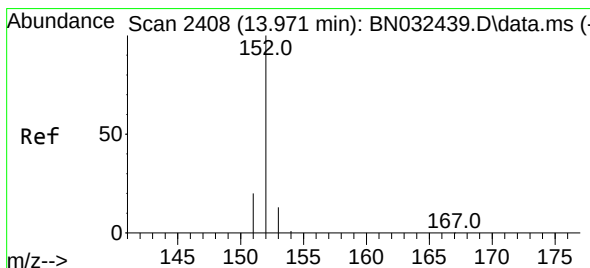
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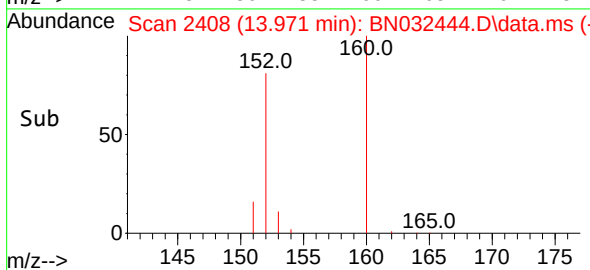
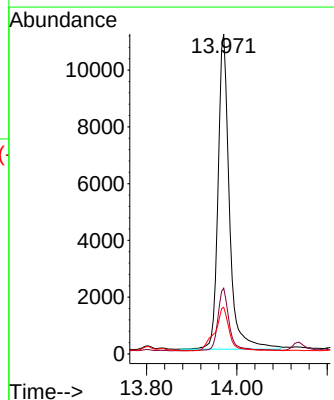
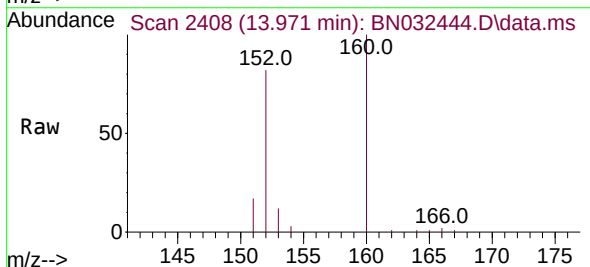
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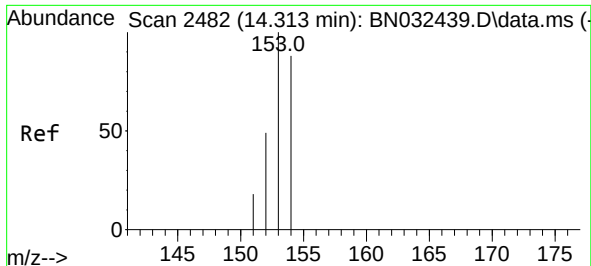
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#10
Acenaphthylene
Concen: 0.482 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

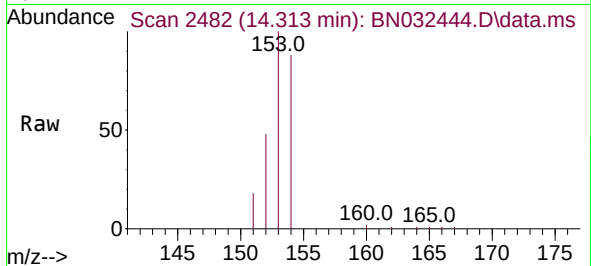
Tgt Ion:152 Resp: 19336
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.532 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

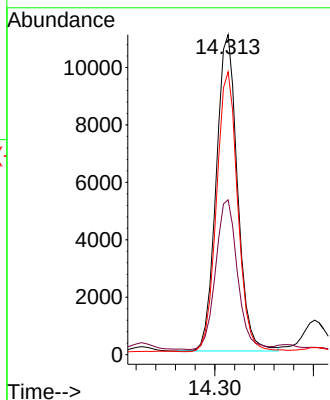
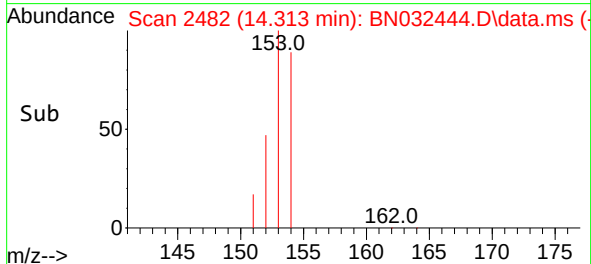
Instrument :
BNA_N
ClientSampleId :
A4CR0



Tgt Ion:153 Resp: 1655
Ion Ratio Lower Upper
153 100
152 48.4 39.5 59.3
154 88.4 71.7 107.5

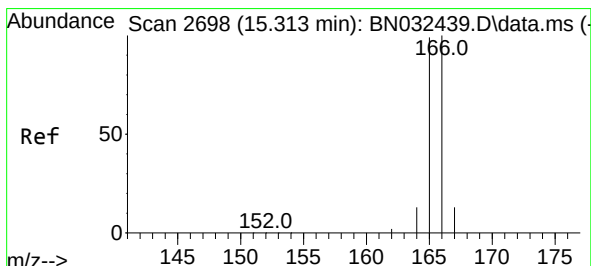
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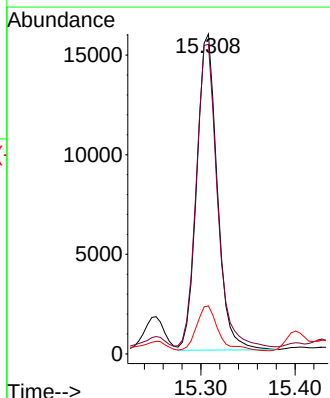
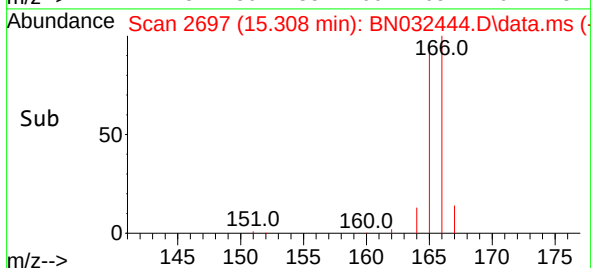
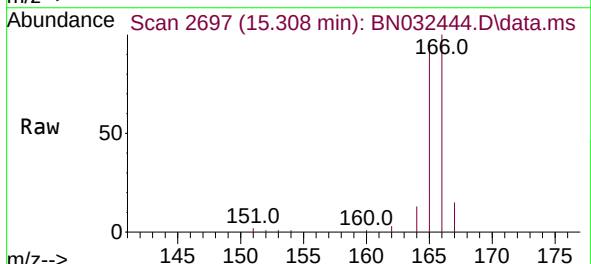
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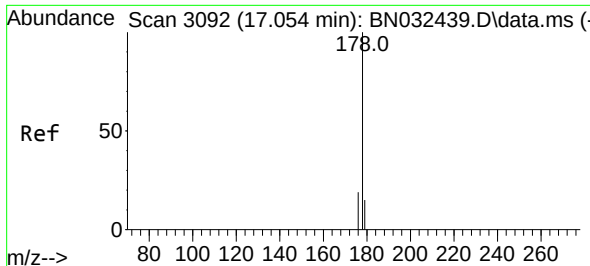
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#12
Fluorene
Concen: 0.645 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

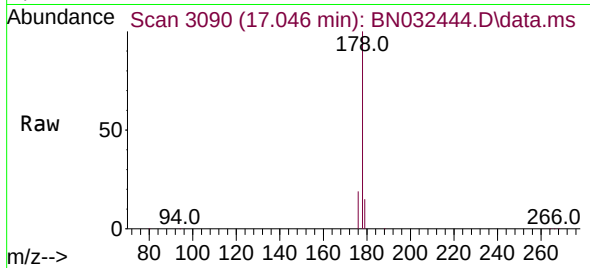
Tgt Ion:166 Resp: 23936
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.6
167 15.0 11.0 16.6





#15
Phenanthrene
Concen: 7.828 ng/ul m
RT: 17.046 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Instrument :
BNA_N
ClientSampleId :
A4CR0



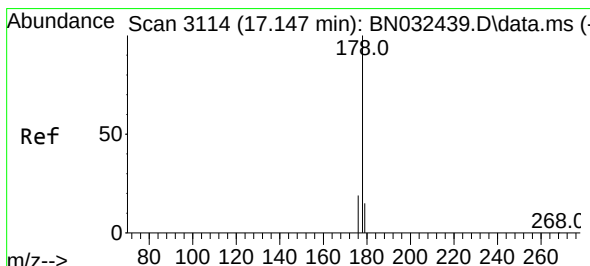
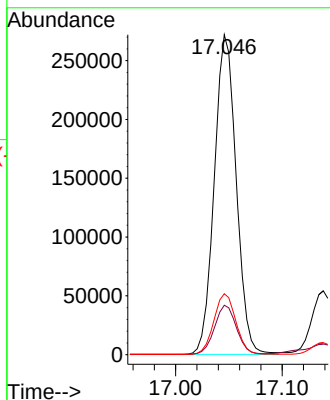
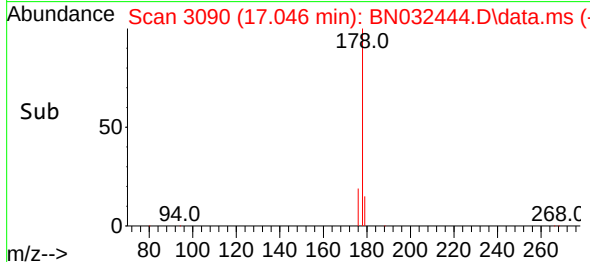
Tgt Ion:178 Resp: 389179
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.6 23.4

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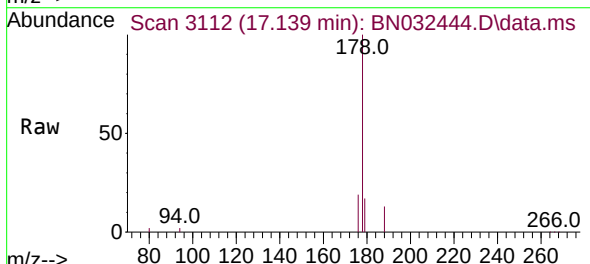
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Supervised By :mohammad
ahmed

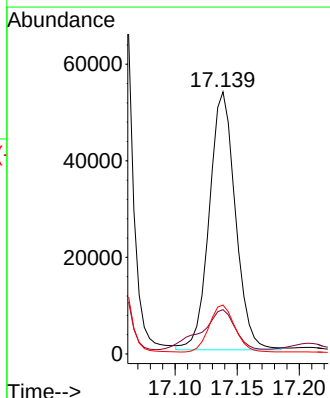
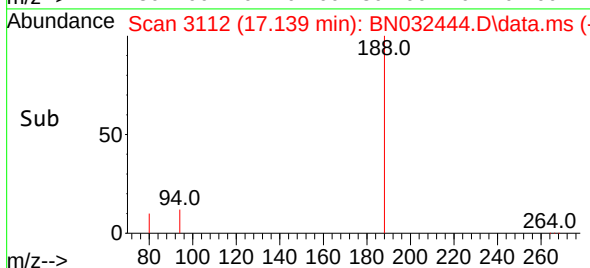
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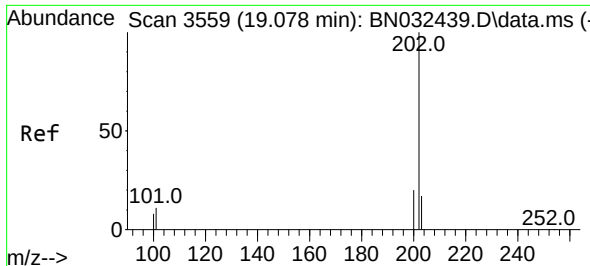


#16
Anthracene
Concen: 1.761 ng/ul m
RT: 17.139 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59



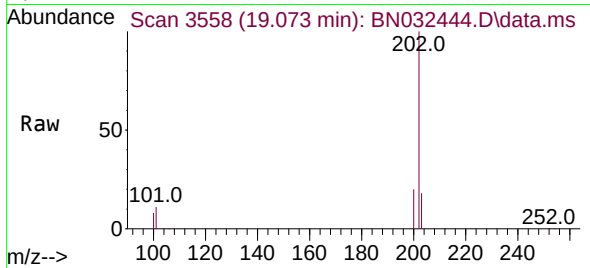
Tgt Ion:178 Resp: 78110
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 11.535 ng/ul m
RT: 19.073 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Instrument :
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ClientSampleId :
A4CR0



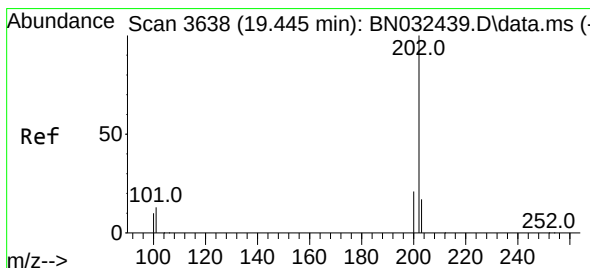
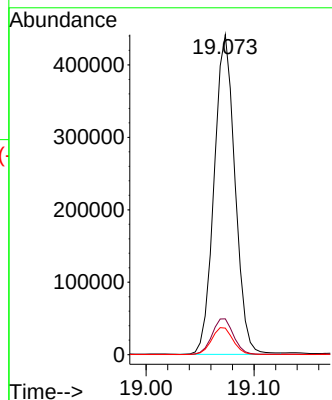
Tgt Ion:202 Resp: 59328
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.3 6.4 9.6

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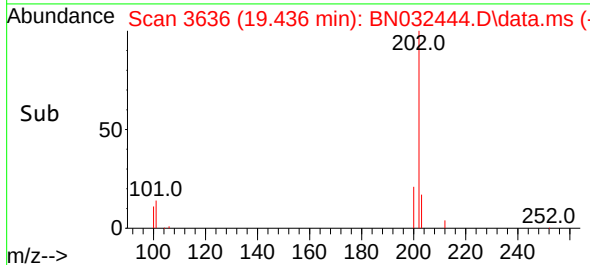
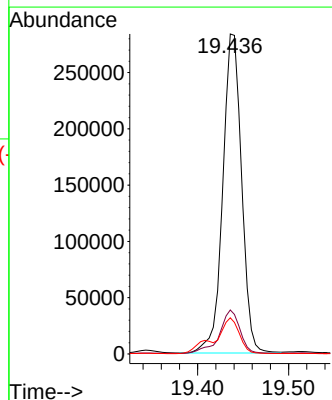
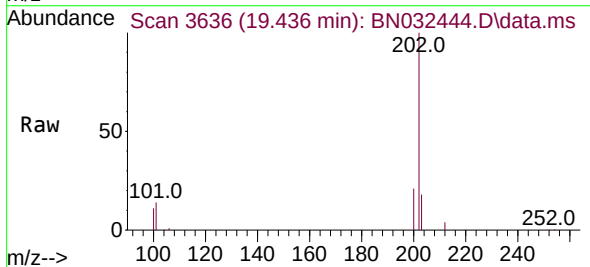
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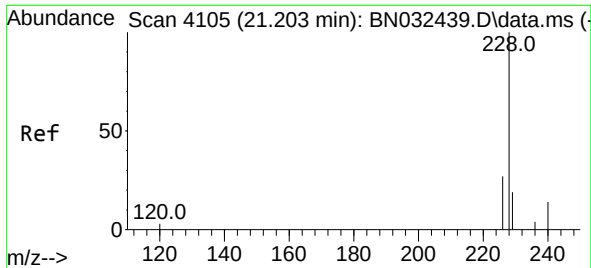
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#20
Pyrene
Concen: 7.606 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

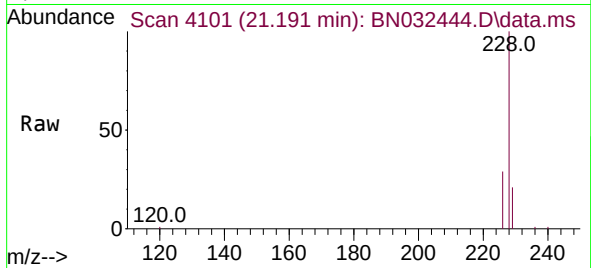
Tgt Ion:202 Resp: 408831
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 5.352 ng/ul m
RT: 21.191 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Instrument :
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ClientSampleId :
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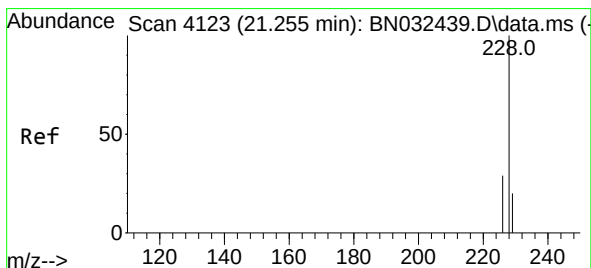
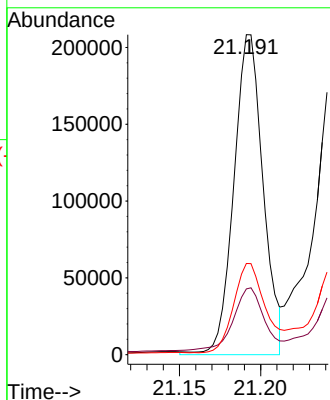
Tgt Ion:228 Resp: 260890
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.5 21.8 32.8

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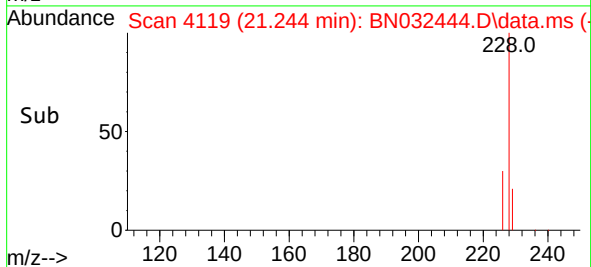
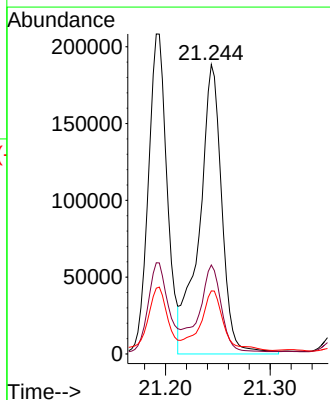
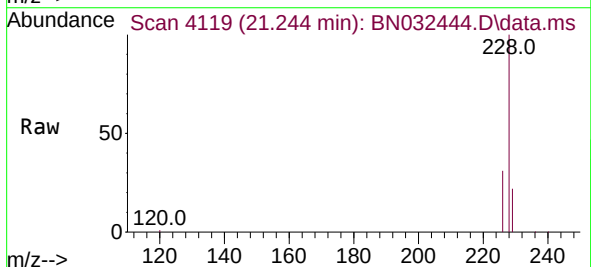
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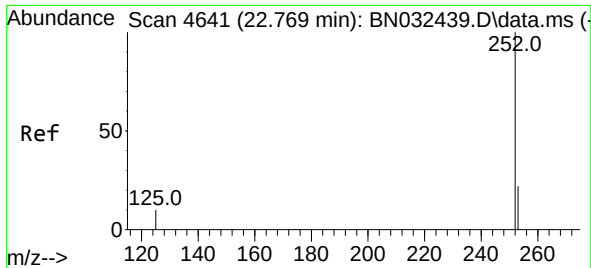
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#22
Chrysene
Concen: 5.289 ng/ul m
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

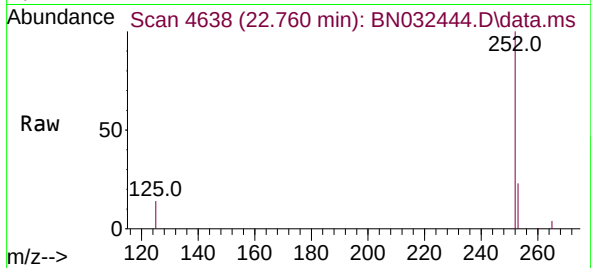
Tgt Ion:228 Resp: 282987
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.442 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Instrument :
BNA_N
ClientSampleId :
A4CR0



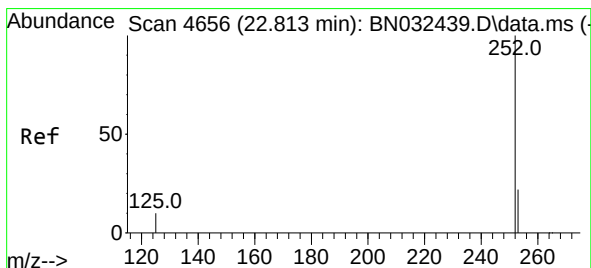
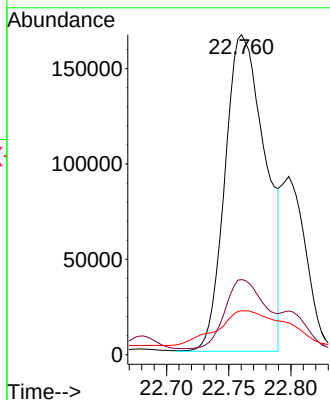
Tgt Ion:252 Resp: 376214
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 13.7 0.0 32.0

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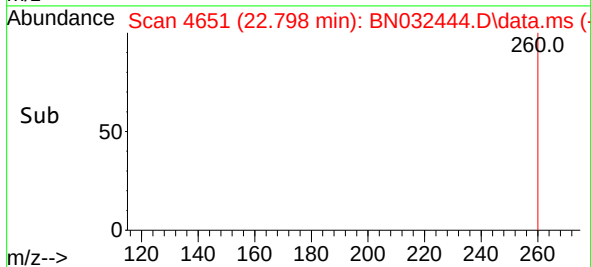
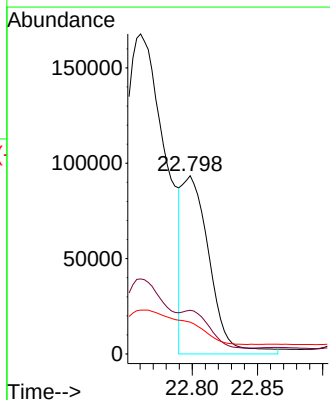
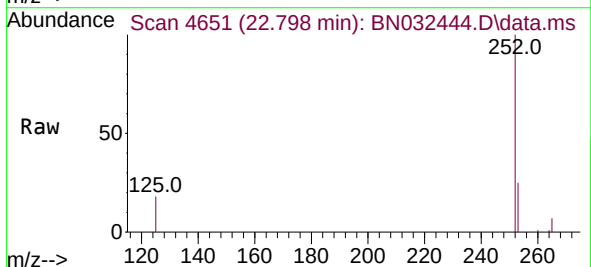
07/05/2024
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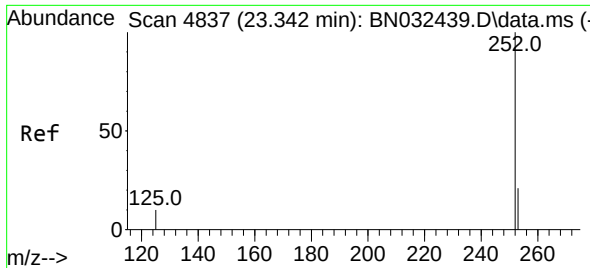
07/05/2024



#25
Benzo(k)fluoranthene
Concen: 2.041 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

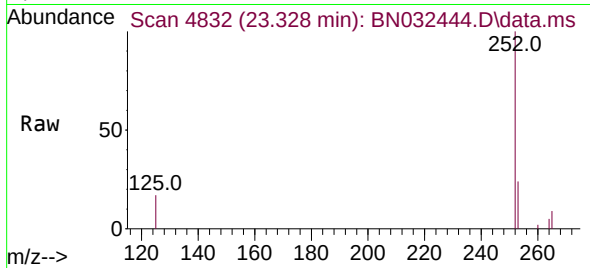
Tgt Ion:252 Resp: 137049
Ion Ratio Lower Upper
252 100
253 24.5 20.3 30.5
125 17.9 12.8 19.2





#26
Benzo(a)pyrene
Concen: 3.161 ng/ul m
RT: 23.328 min Scan# 4837
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Instrument :
BNA_N
ClientSampleId :
A4CR0



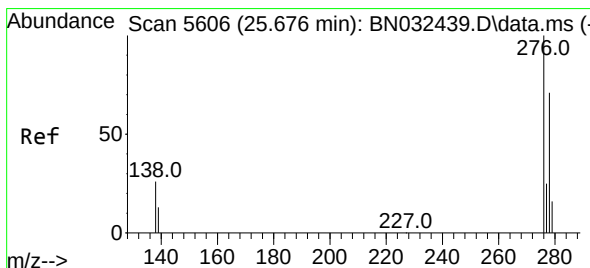
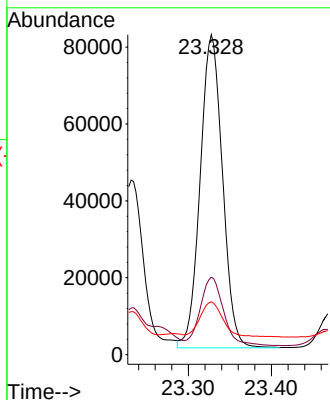
Tgt Ion:252 Resp: 152019
Ion Ratio Lower Upper
252 100
253 24.2 22.2 33.2
125 16.6 16.4 24.6

Manual Integrations
APPROVED

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

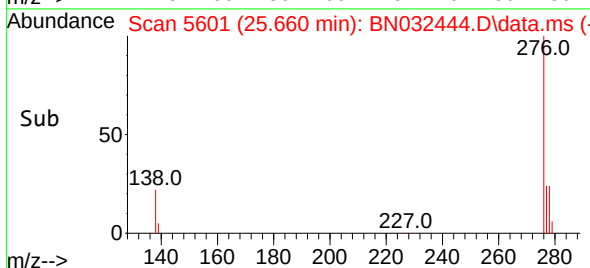
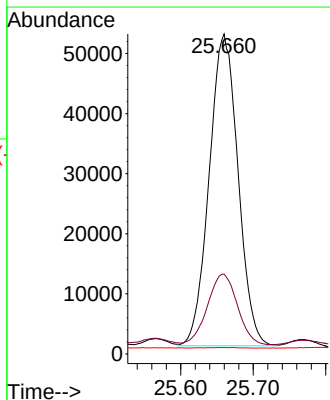
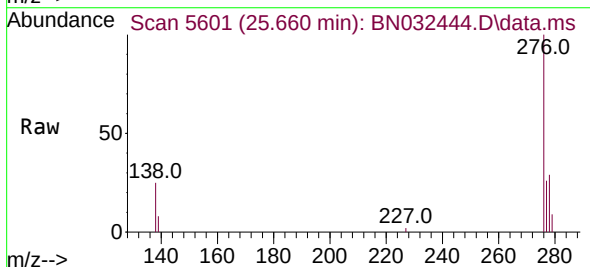
07/05/2024
Supervised By :mohammad
ahmed

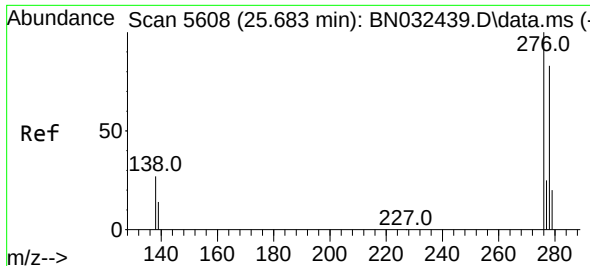
07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.905 ng/ul m
RT: 25.660 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

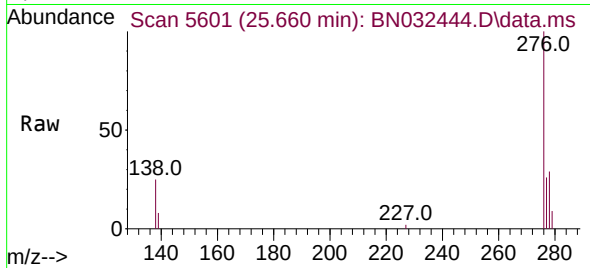
Tgt Ion:276 Resp: 143430
Ion Ratio Lower Upper
276 100
138 4.2 21.3 31.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.919 ng/ul m
RT: 25.660 min Scan# 51404
Delta R.T. -0.007 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Instrument :
BNA_N
ClientSampleId :
A4CR0



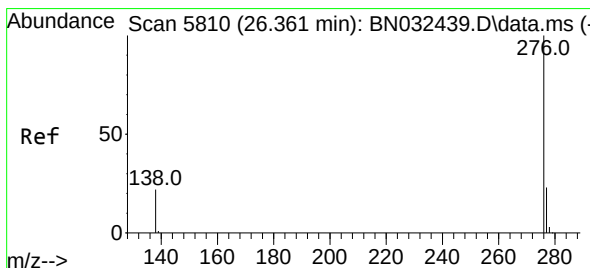
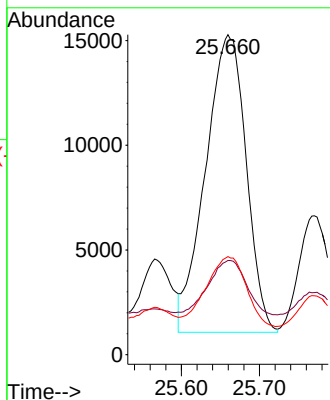
Tgt Ion:278 Resp: 51404
Ion Ratio Lower Upper
278 100
139 29.5 15.9 23.9#
279 30.7 21.1 31.7

Manual Integrations
APPROVED

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

07/05/2024
Supervised By :mohammad
ahmed

07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.350 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032444.D
Acq: 03 Jul 2024 19:59

Tgt Ion:276 Resp: 20994
Ion Ratio Lower Upper
276 100
138 39.4 19.8 29.6#
277 35.3 19.8 29.6#

