

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032470.D
 Acq On : 04 Jul 2024 12:09
 Operator : MA/JU
 Sample : P2964-17
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT6

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:05:51 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	7.595	152	9536	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	29603	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	16815	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.002	188	33080m	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	20897m	0.400	ng/ul	0.00
23) Perylene-d12	23.423	264	24185m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	28856	2.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	8144	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.040	212	15291	0.243	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	11876	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.047	142	4406	0.085	ng/ul	98
8) 1-Methylnaphthalene	12.267	142	3266	0.061	ng/ul	98
10) Acenaphthylene	13.965	152	9534	0.136	ng/ul	96
11) Acenaphthene	14.307	153	15389	0.284	ng/ul	99
12) Fluorene	15.302	166	19276	0.298	ng/ul	99
15) Phenanthrene	17.040	178	271506m	2.994	ng/ul	
16) Anthracene	17.133	178	49588m	0.613	ng/ul	
19) Fluoranthene	19.067	202	371301	4.666	ng/ul	98
20) Pyrene	19.435	202	249853	3.005	ng/ul	99
21) Benzo(a)anthracene	21.190	228	152895	2.027	ng/ul	98
22) Chrysene	21.242	228	155639	1.880	ng/ul	96
24) Benzo(b)fluoranthene	22.759	252	210154m	2.000	ng/ul	
25) Benzo(k)fluoranthene	22.797	252	78795m	0.772	ng/ul	
26) Benzo(a)pyrene	23.323	252	85121	1.164	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.652	276	78486	0.686	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.652	278	27276	0.321	ng/ul#	86
29) Benzo(g,h,i)perylene	26.339	276	12795	0.140	ng/ul#	76

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

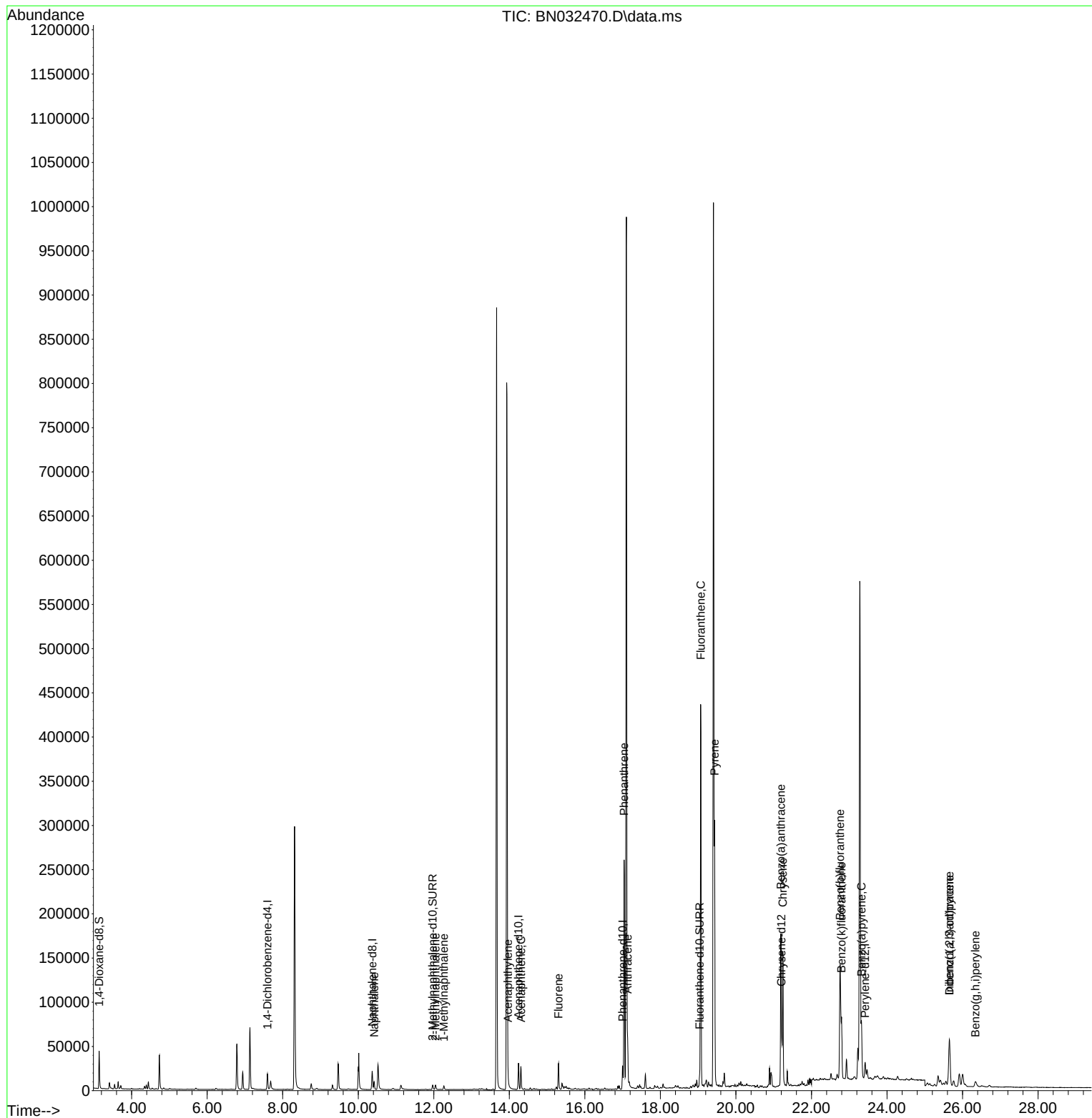
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032470.D
Acq On : 04 Jul 2024 12:09
Operator : MA/JU
Sample : P2964-17
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ALS Vial : 42 Sample Multiplier: 1

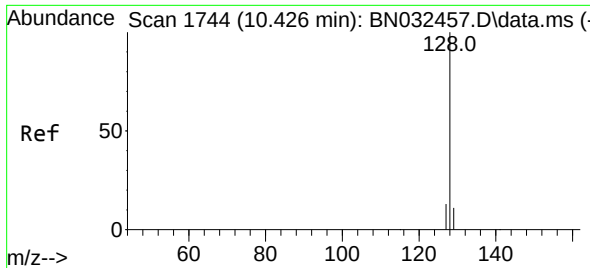
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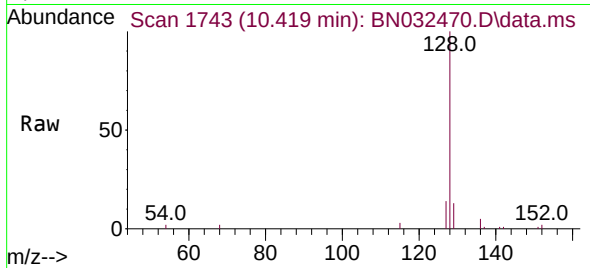
Quant Time: Jul 04 23:05:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.152 ng/ul
RT: 10.419 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

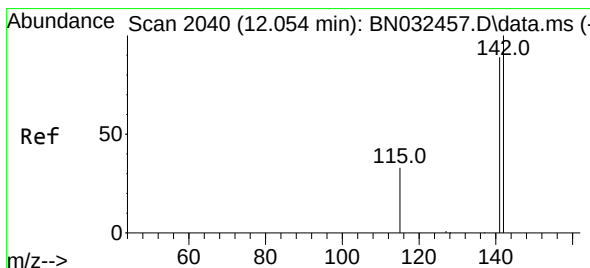
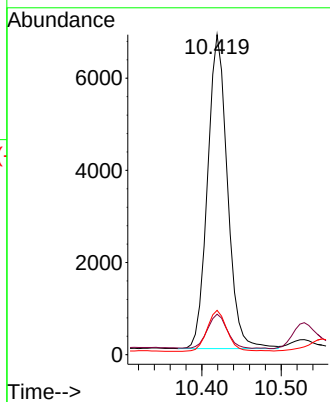
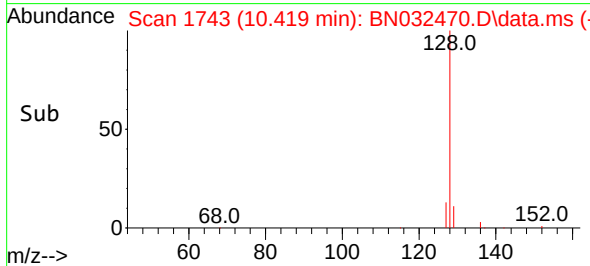
Instrument :
BNA_N
ClientSampleId :
A4CT6



Tgt Ion:128 Resp: 1187
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 13.9 10.8 16.2

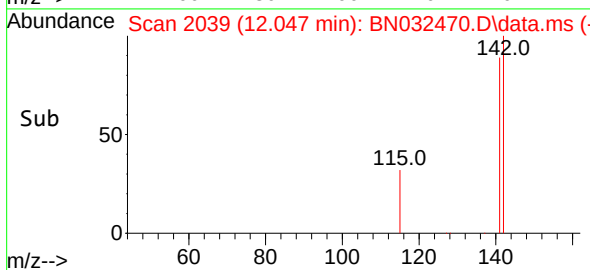
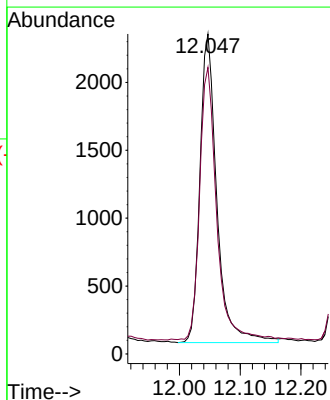
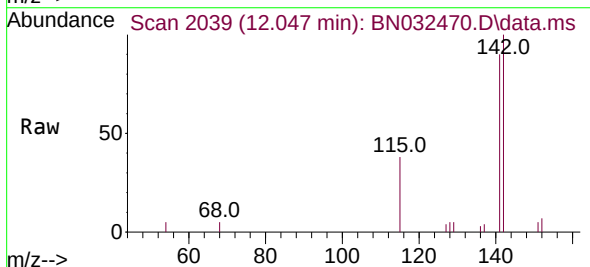
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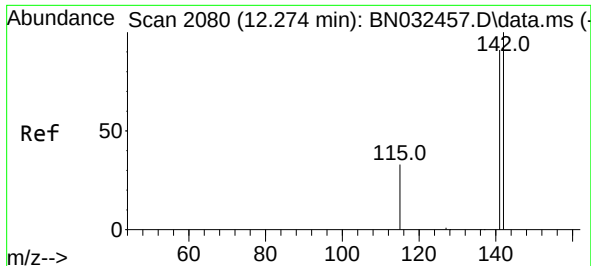
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

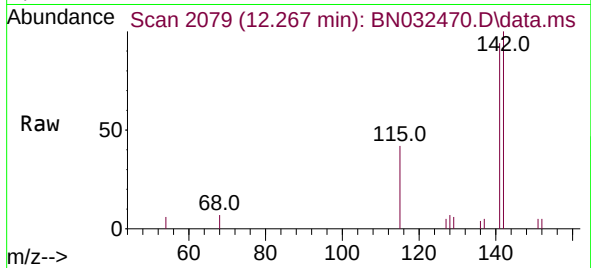
Tgt Ion:142 Resp: 4406
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.267 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

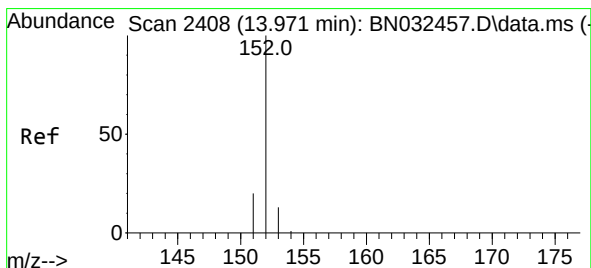
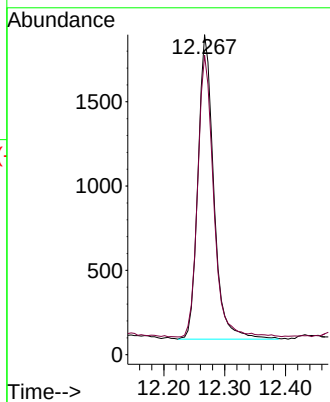
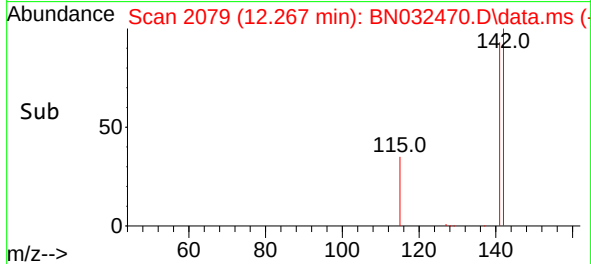
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3260
Ion Ratio Lower Upper
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141 93.4 73.4 110.0

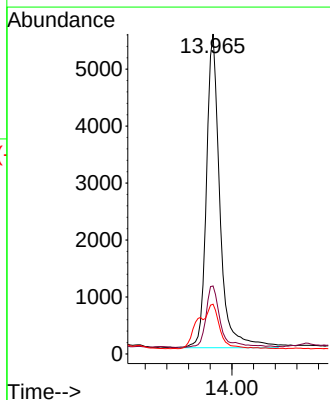
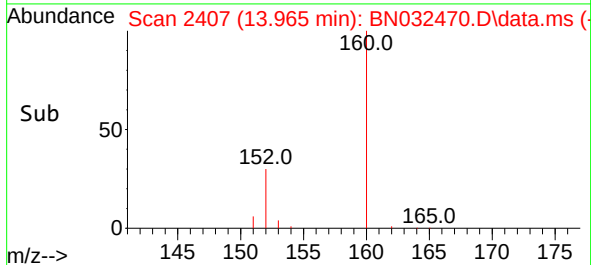
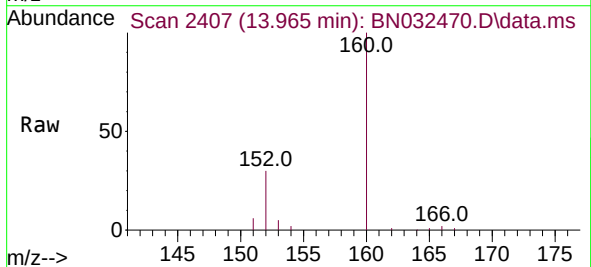
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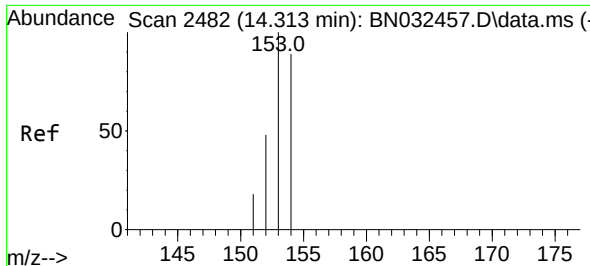
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.136 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

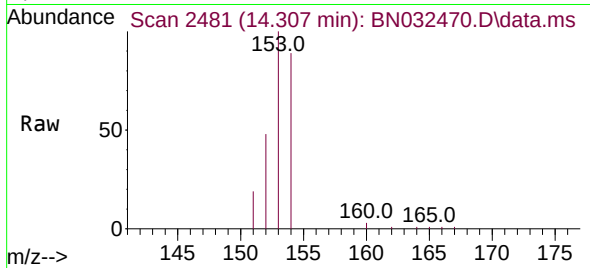
Tgt Ion:152 Resp: 9534
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

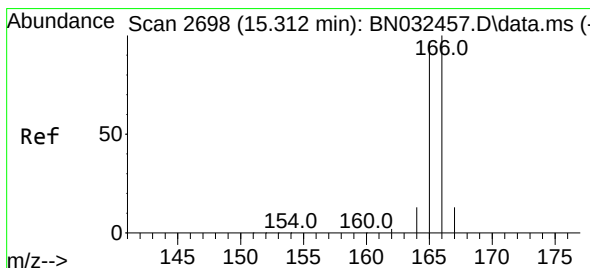
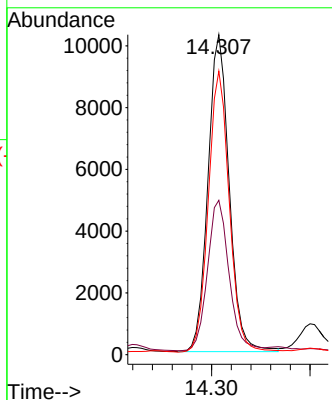
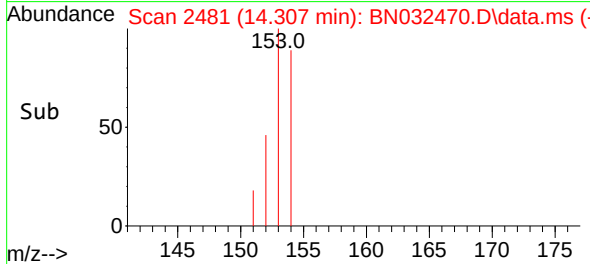
Instrument :
BNA_N
ClientSampleId :
A4CT6



Tgt Ion:153 Resp: 15389
Ion Ratio Lower Upper
153 100
152 48.3 39.5 59.3
154 88.6 71.7 107.5

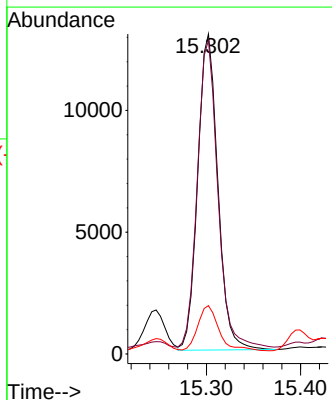
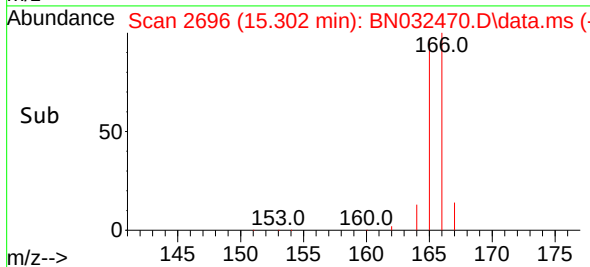
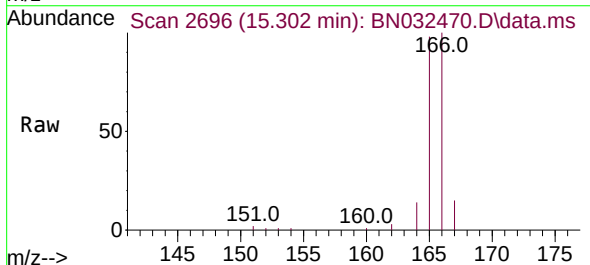
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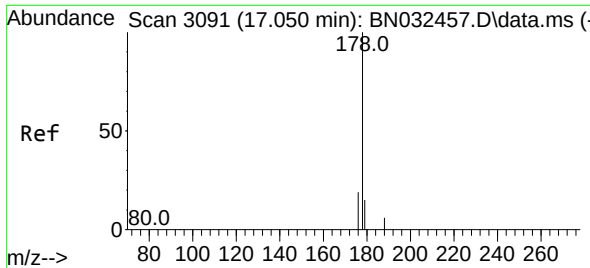
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.298 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.010 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Tgt Ion:166 Resp: 19276
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 15.1 11.0 16.6





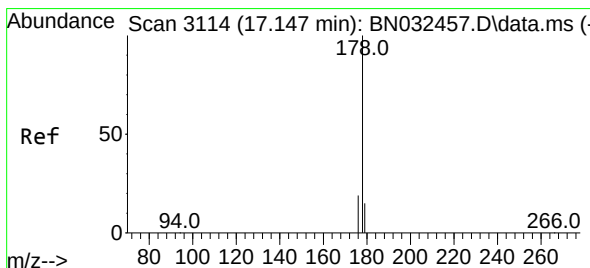
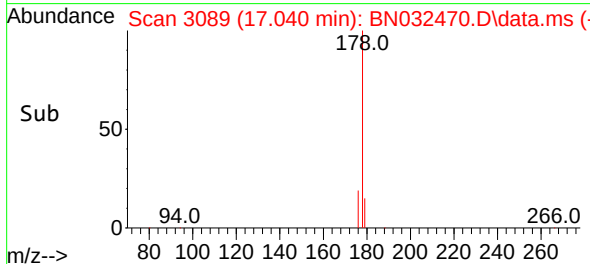
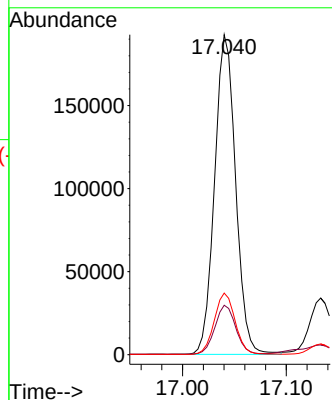
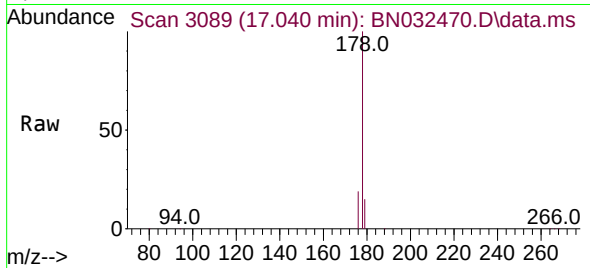
#15
Phenanthrene
Concen: 2.994 ng/ul m
RT: 17.040 min Scan# 3091
Delta R.T. -0.010 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

Instrument :
BNA_N
ClientSampleId :
A4CT6

Tgt Ion:178 Resp: 271500
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.6 23.4

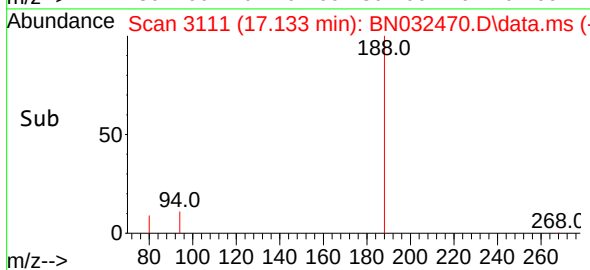
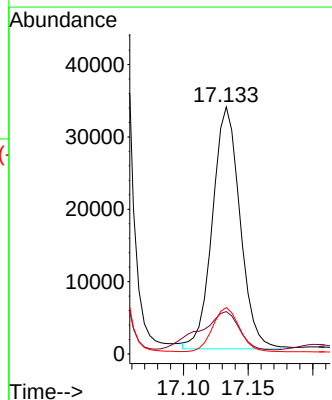
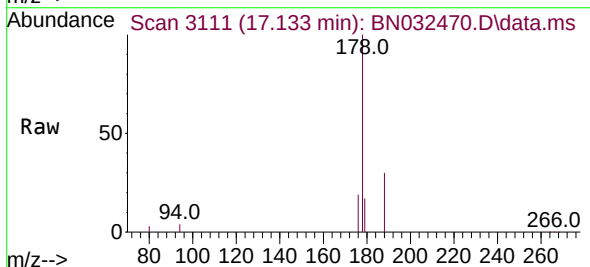
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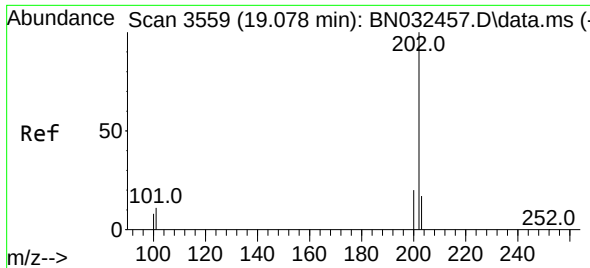
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.613 ng/ul m
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

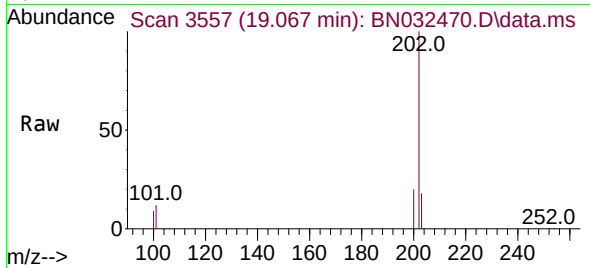
Tgt Ion:178 Resp: 49588
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 4.666 ng/ul
RT: 19.067 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

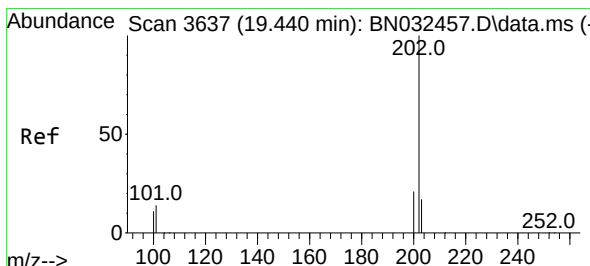
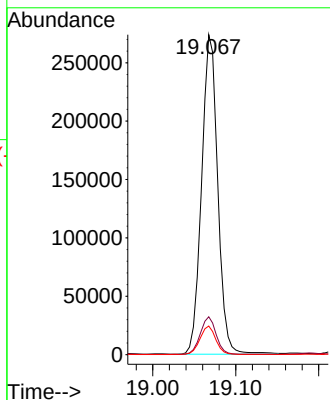
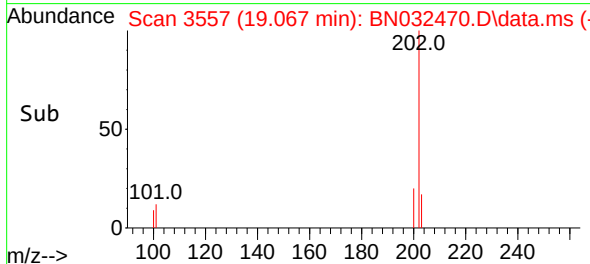
Instrument :
BNA_N
ClientSampleId :
A4CT6



Tgt Ion:202 Resp: 37130
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 9.0 6.4 9.6

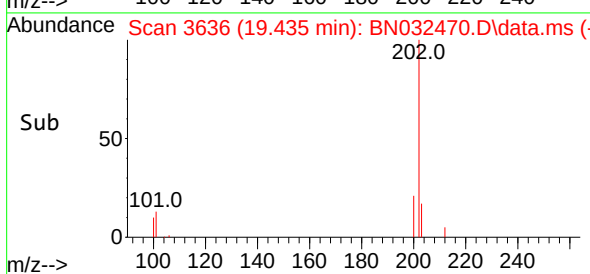
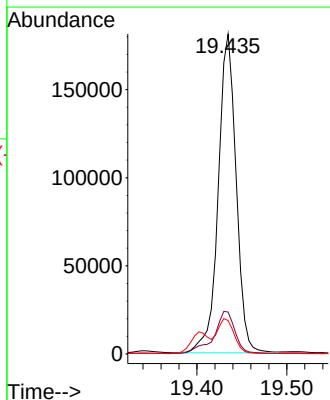
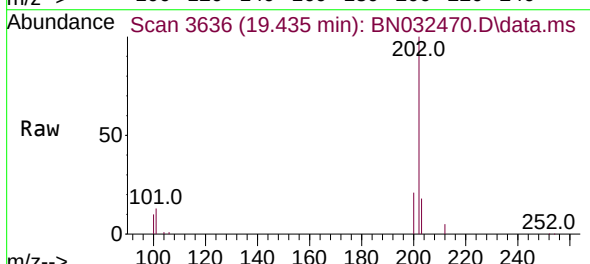
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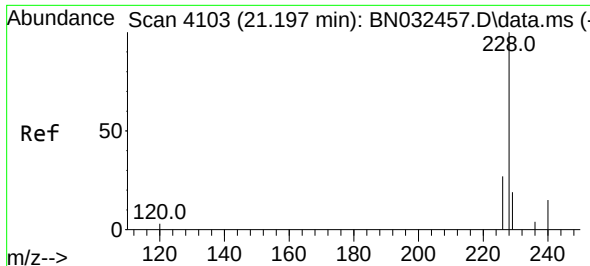
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 3.005 ng/ul
RT: 19.435 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

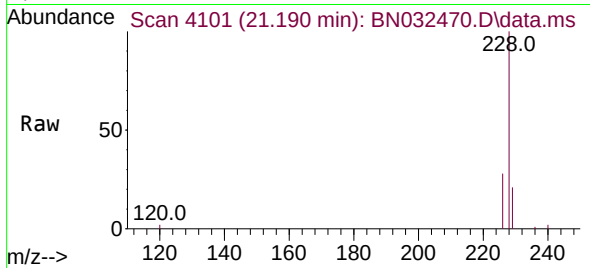
Tgt Ion:202 Resp: 249853
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.027 ng/ul
RT: 21.190 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

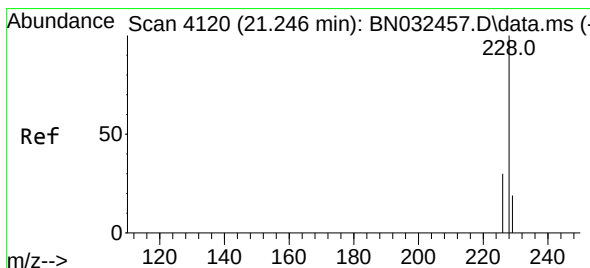
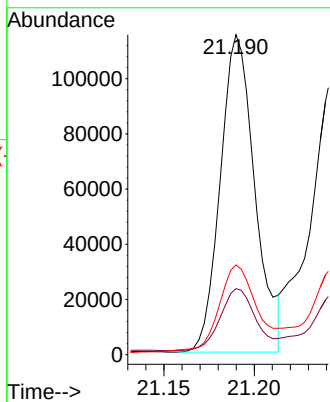
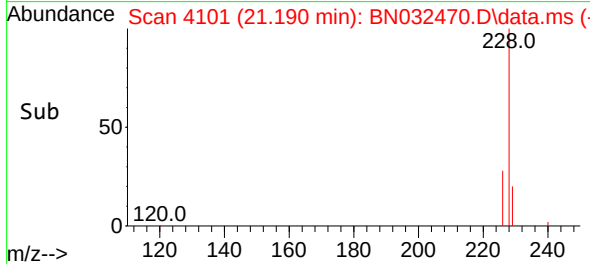
Instrument :
BNA_N
ClientSampleId :
A4CT6



Tgt Ion:228 Resp: 15289
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.1 21.8 32.8

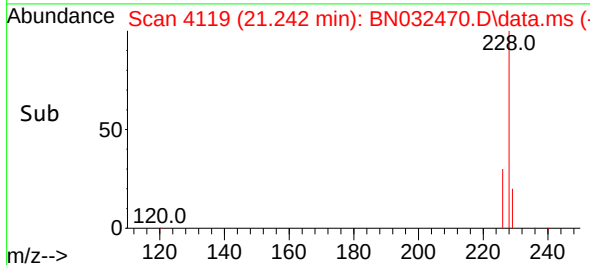
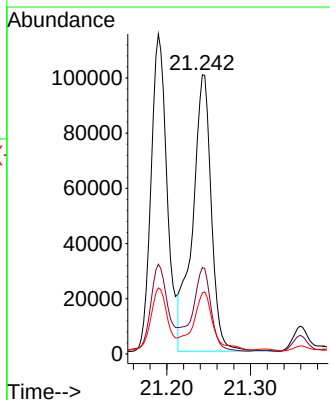
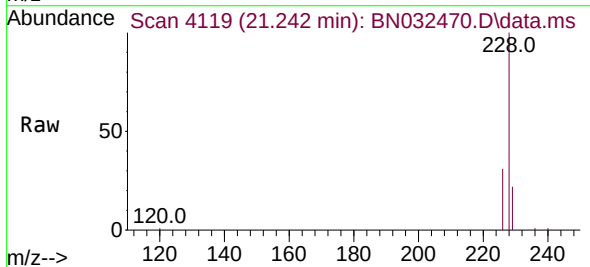
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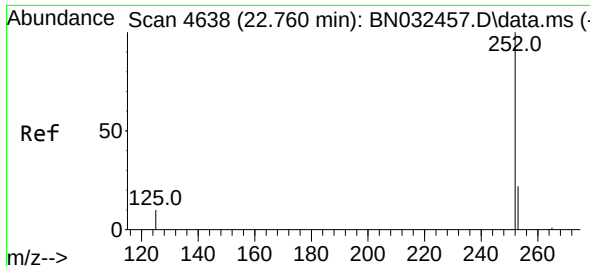
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 1.880 ng/ul
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

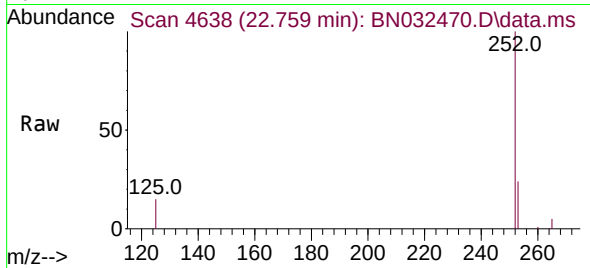
Tgt Ion:228 Resp: 155639
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.000 ng/ul m
RT: 22.759 min Scan# 4638
Delta R.T. 0.002 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

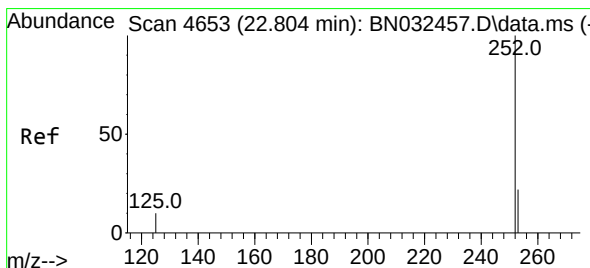
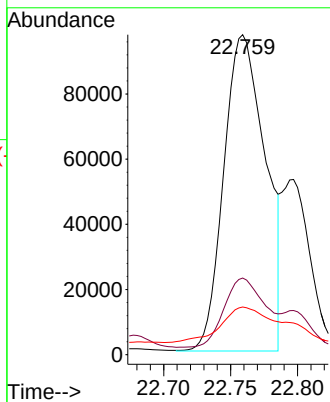
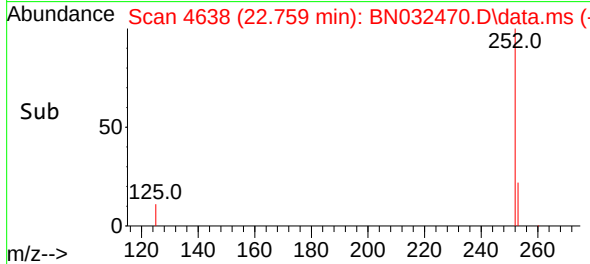
Instrument :
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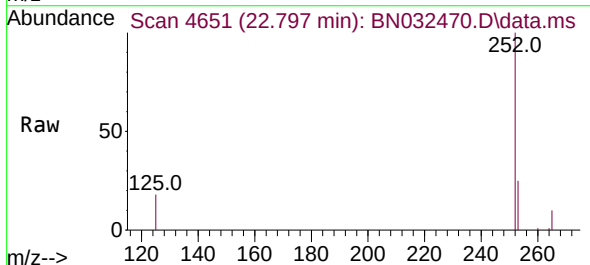
Tgt Ion:252 Resp: 210154
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 14.9 0.0 32.0

Manual Integrations
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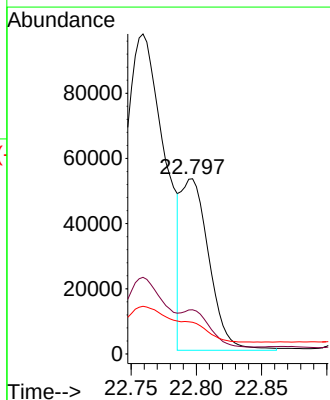
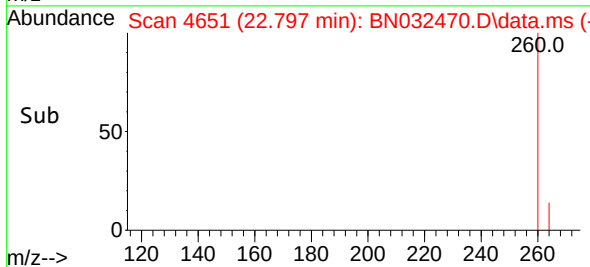
Reviewed By :Yogesh Patel 07/05/2024
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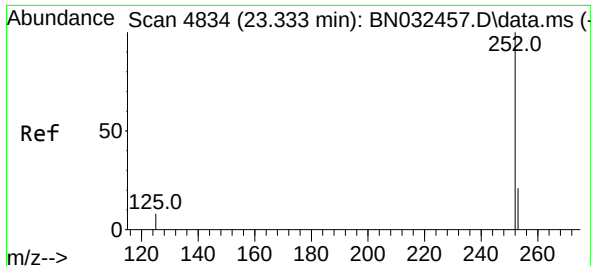


#25
Benzo(k)fluoranthene
Concen: 0.772 ng/ul m
RT: 22.797 min Scan# 4651
Delta R.T. -0.004 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09



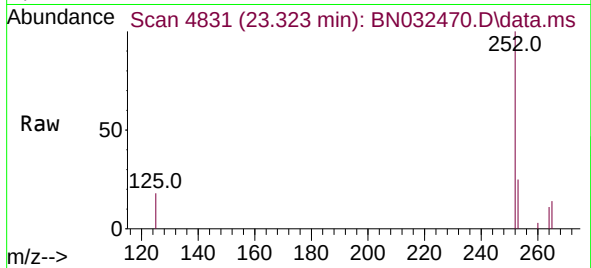
Tgt Ion:252 Resp: 78795
Ion Ratio Lower Upper
252 100
253 25.2 20.3 30.5
125 18.1 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.164 ng/ul
RT: 23.323 min Scan# 4834
Delta R.T. -0.004 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

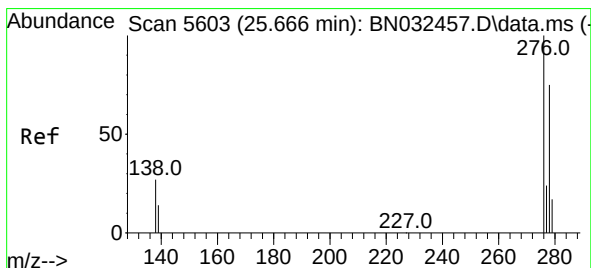
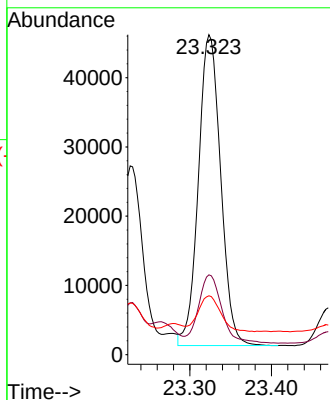
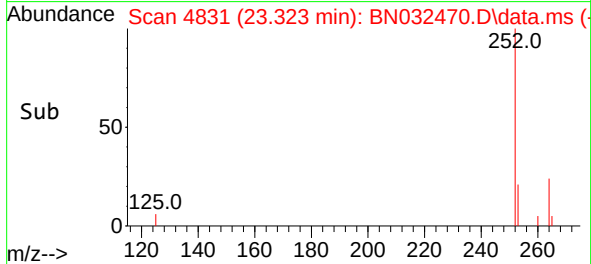
Instrument :
BNA_N
ClientSampleId :
A4CT6



Tgt Ion:252 Resp: 8512
Ion Ratio Lower Upper
252 100
253 25.0 22.2 33.2
125 18.4 16.4 24.6

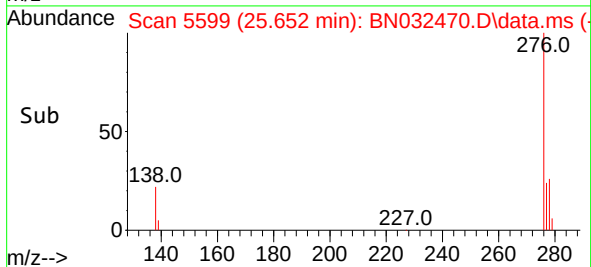
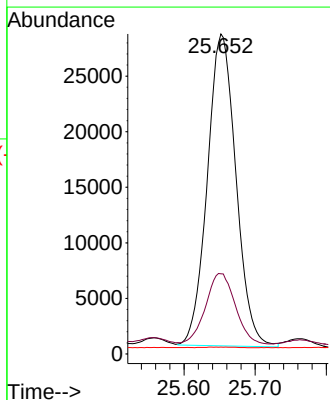
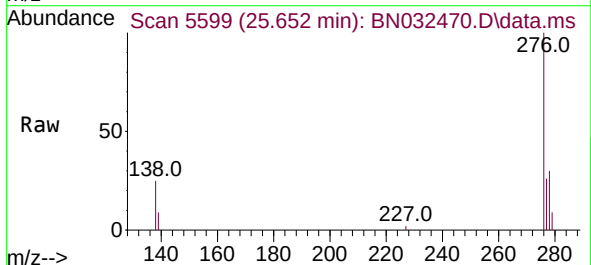
Manual Integrations
APPROVED

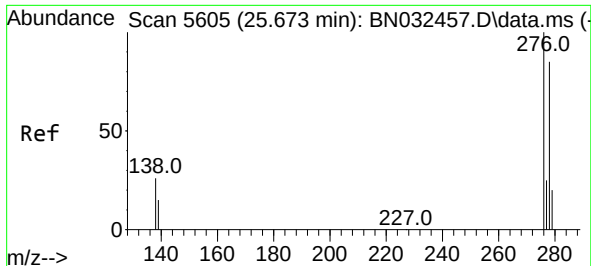
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.686 ng/ul
RT: 25.652 min Scan# 5599
Delta R.T. -0.008 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

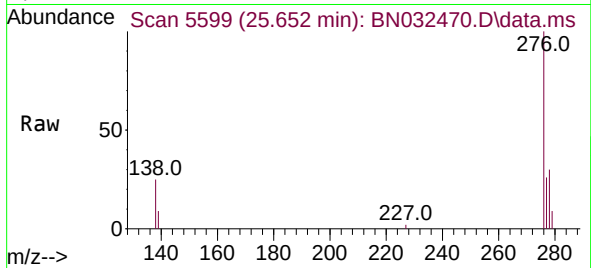
Tgt Ion:276 Resp: 78486
Ion Ratio Lower Upper
276 100
138 23.6 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 25.652 min Scan# 5599
Delta R.T. -0.015 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09

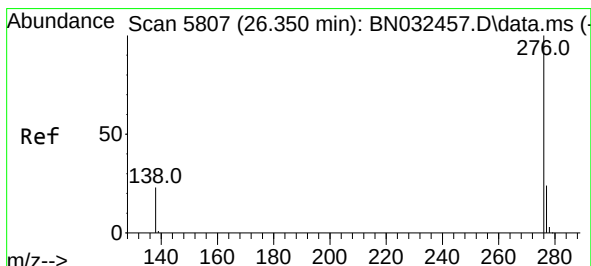
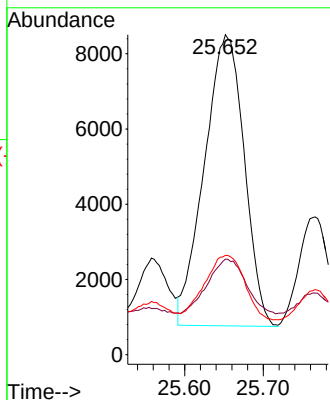
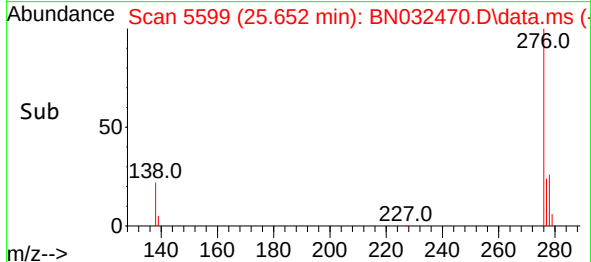
Instrument :
BNA_N
ClientSampleId :
A4CT6



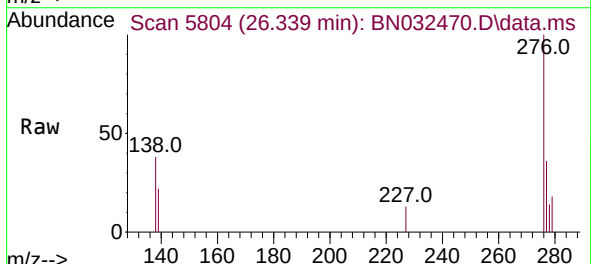
Tgt Ion:278 Resp: 27270
Ion Ratio Lower Upper
278 100
139 29.8 15.9 23.9#
279 31.1 21.1 31.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.140 ng/ul
RT: 26.339 min Scan# 5804
Delta R.T. -0.004 min
Lab File: BN032470.D
Acq: 04 Jul 2024 12:09



Tgt Ion:276 Resp: 12795
Ion Ratio Lower Upper
276 100
138 38.2 19.8 29.6#
277 35.6 19.8 29.6#

