

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032471.D
 Acq On : 04 Jul 2024 12:45
 Operator : MA/JU
 Sample : P2964-18
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT7

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:06:01 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	8849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	27418	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	15533	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	28542m	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	19967m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	22107m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	30997	3.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	9499	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	16278	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	2349	0.032	ng/ul#	86
10) Acenaphthylene	13.966	152	3219	0.050	ng/ul#	88
11) Acenaphthene	14.308	153	1048	0.021	ng/ul	96
12) Fluorene	15.303	166	1490	0.025	ng/ul#	95
15) Phenanthrene	17.041	178	20849m	0.266	ng/ul	
16) Anthracene	17.134	178	5965m	0.085	ng/ul	
19) Fluoranthene	19.068	202	43225	0.569	ng/ul	97
20) Pyrene	19.436	202	41360	0.521	ng/ul	99
21) Benzo(a)anthracene	21.194	228	23575	0.327	ng/ul#	92
22) Chrysene	21.246	228	19701	0.249	ng/ul#	92
24) Benzo(b)fluoranthene	22.760	252	31222m	0.325	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	11934m	0.128	ng/ul	
26) Benzo(a)pyrene	23.327	252	23276	0.348	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.663	276	18128	0.173	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.666	278	4220	0.054	ng/ul#	15
29) Benzo(g,h,i)perylene	26.350	276	18126	0.217	ng/ul#	89

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

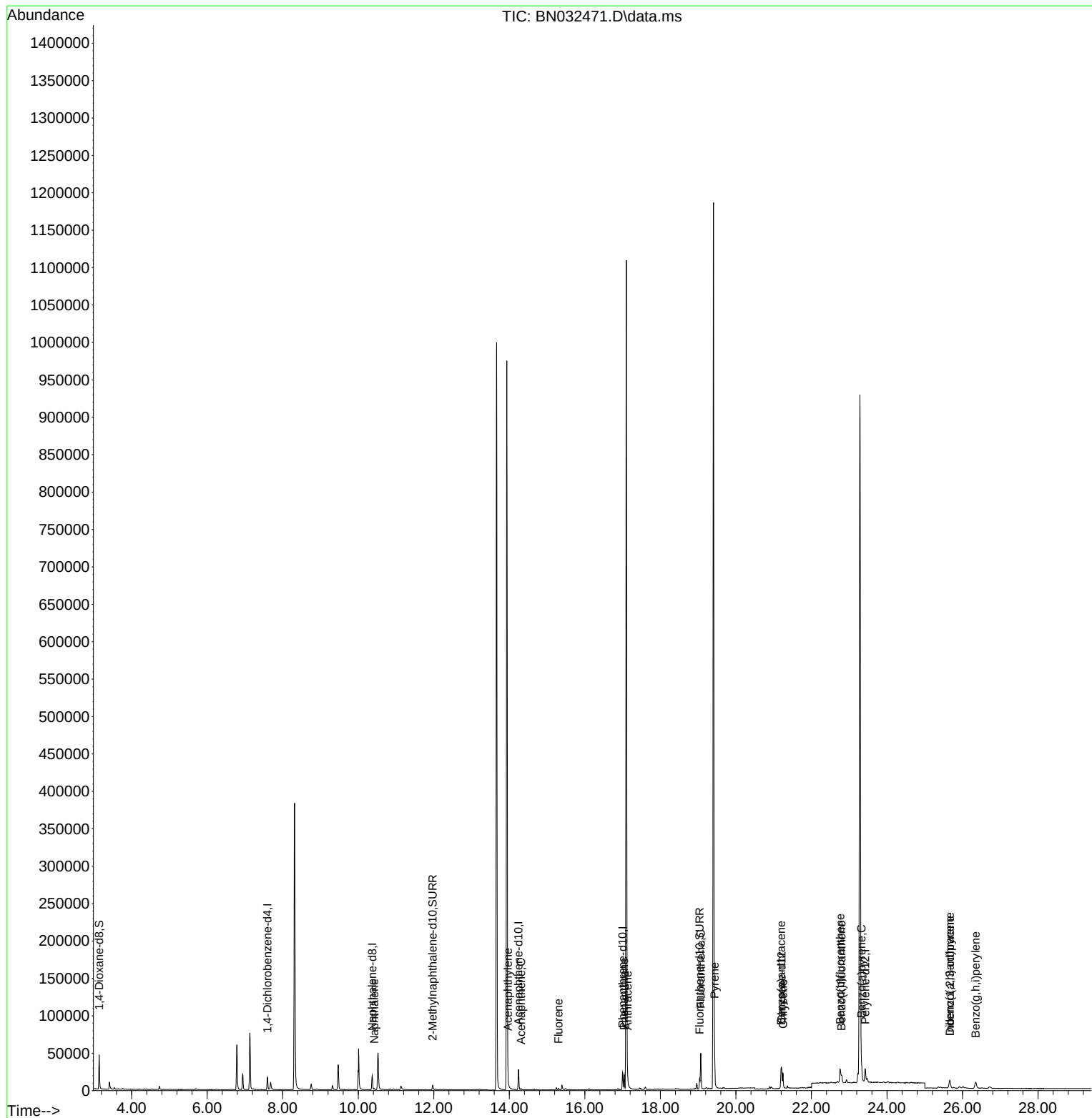
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032471.D
Acq On : 04 Jul 2024 12:45
Operator : MA/JU
Sample : P2964-18
Misc :
ALS Vial : 43 Sample Multiplier: 1

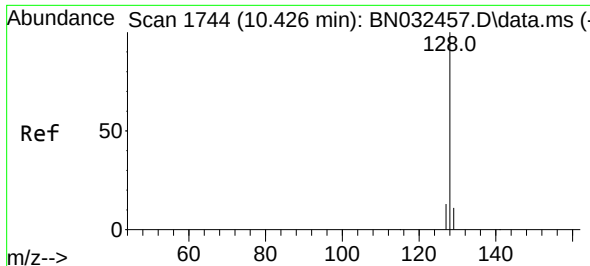
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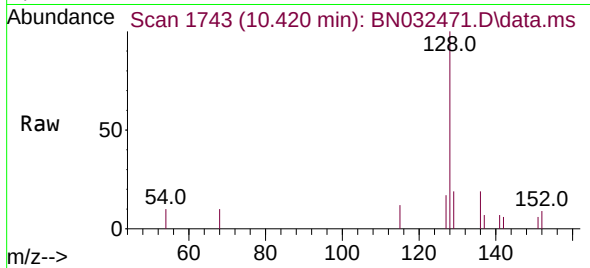
Quant Time: Jul 04 23:06:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

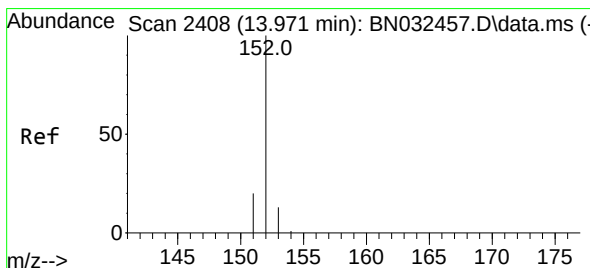
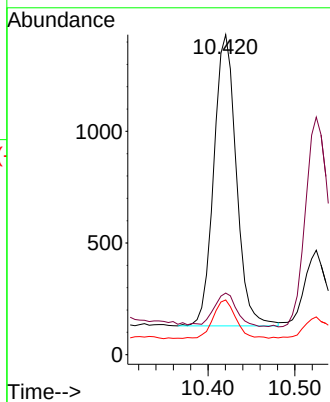
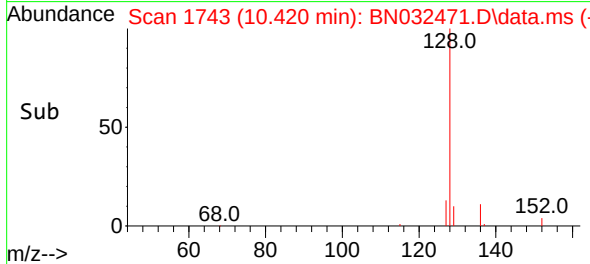
Instrument :
BNA_N
ClientSampleId :
A4CT7



Tgt Ion:128 Resp: 2349
Ion Ratio Lower Upper
128 100
129 19.3 9.2 13.8#
127 17.1 10.8 16.2#

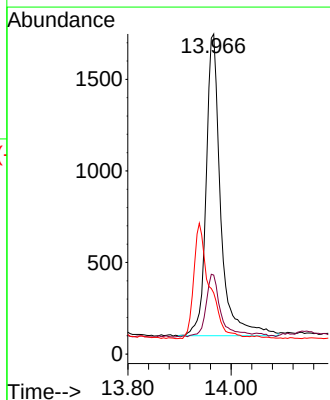
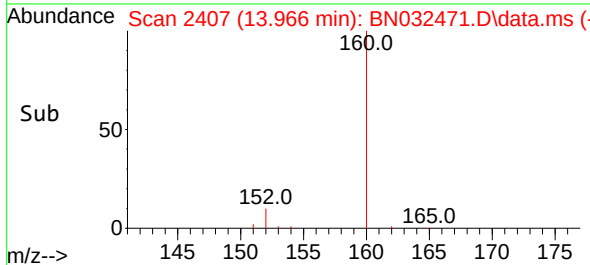
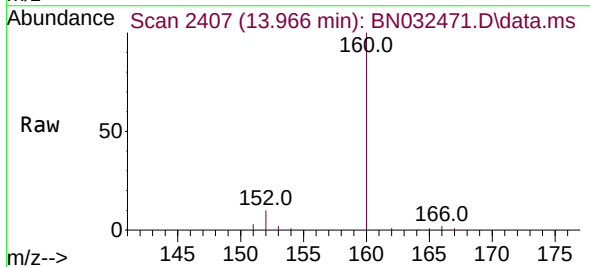
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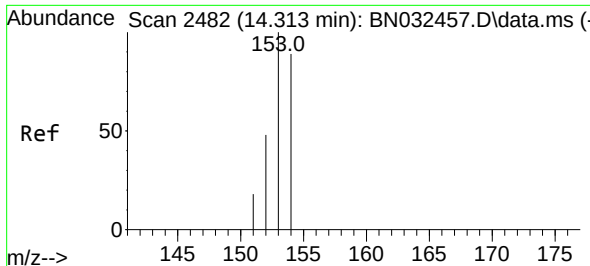
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

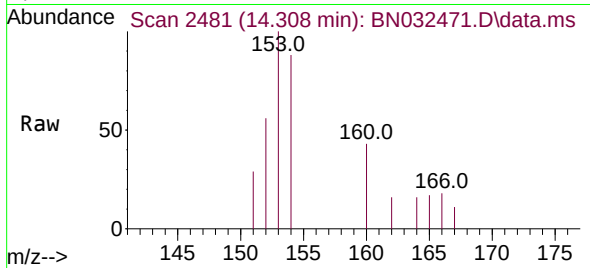
Tgt Ion:152 Resp: 3219
Ion Ratio Lower Upper
152 100
151 24.7 15.7 23.5#
153 19.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

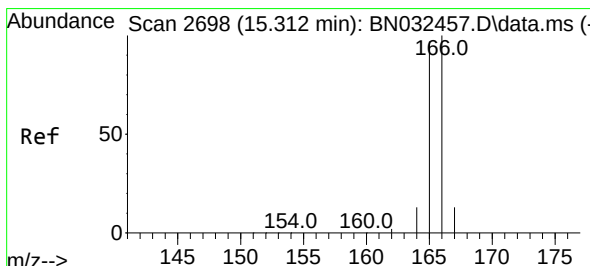
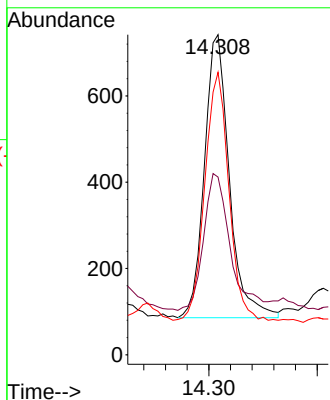
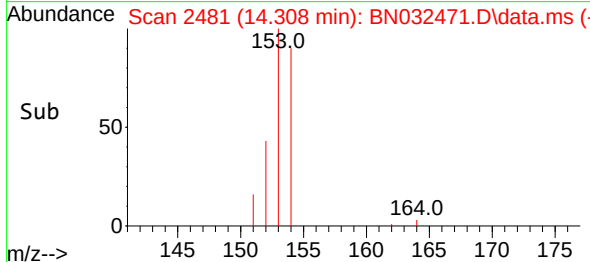
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 1048
Ion Ratio Lower Upper
153 100
152 55.5 39.5 59.3
154 88.3 71.7 107.5

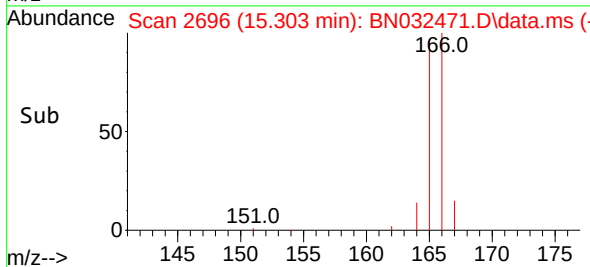
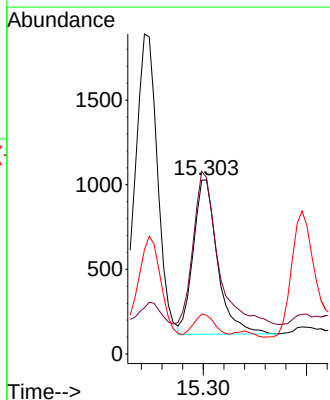
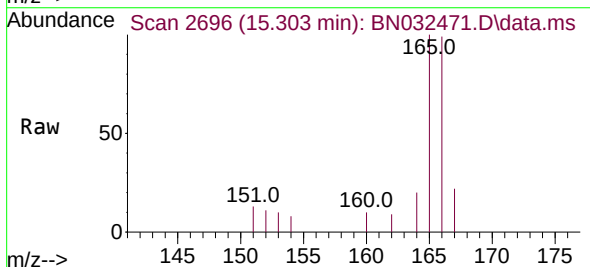
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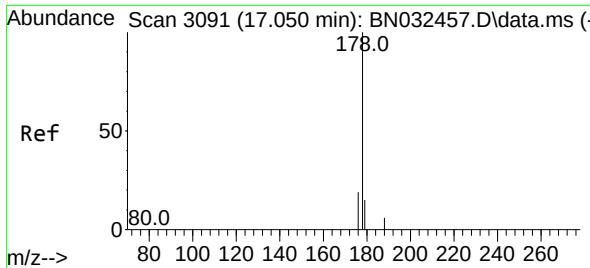
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

Tgt Ion:166 Resp: 1490
Ion Ratio Lower Upper
166 100
165 101.4 79.0 118.6
167 22.3 11.0 16.6#





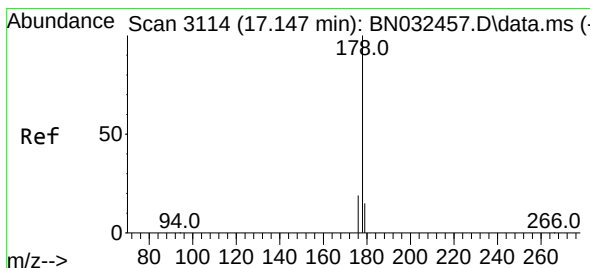
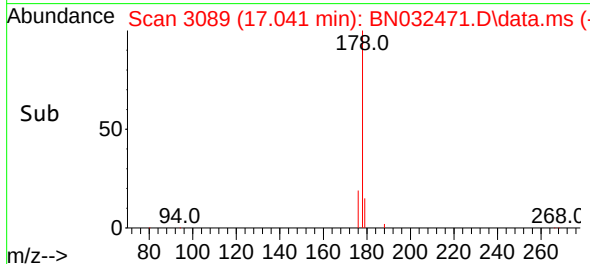
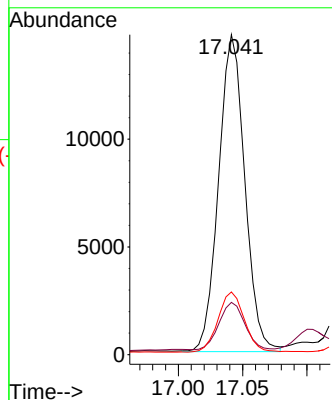
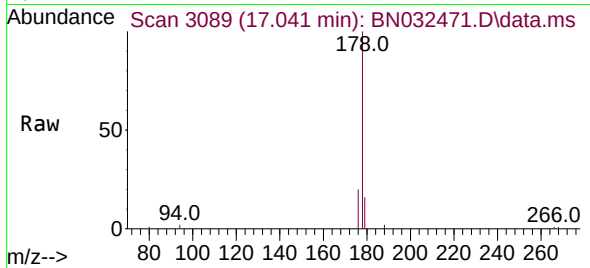
#15
Phenanthrene
Concen: 0.266 ng/ul m
RT: 17.041 min Scan# 3091
Delta R.T. -0.009 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

Instrument :
BNA_N
ClientSampleId :
A4CT7

Tgt Ion:178 Resp: 20849
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.6 15.6 23.4

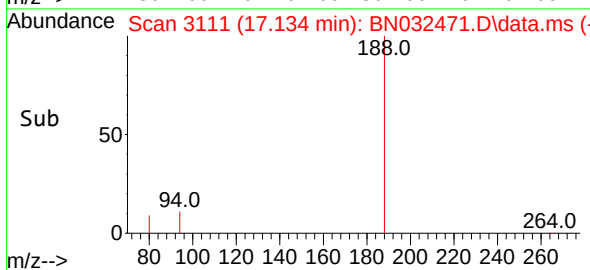
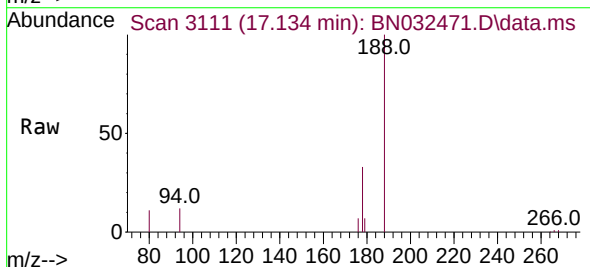
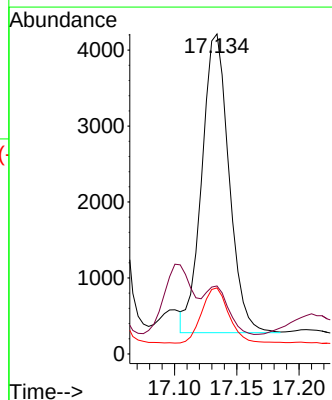
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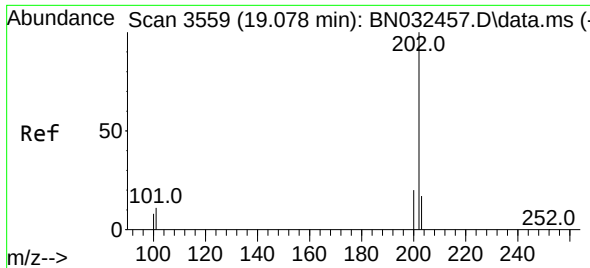
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.085 ng/ul m
RT: 17.134 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

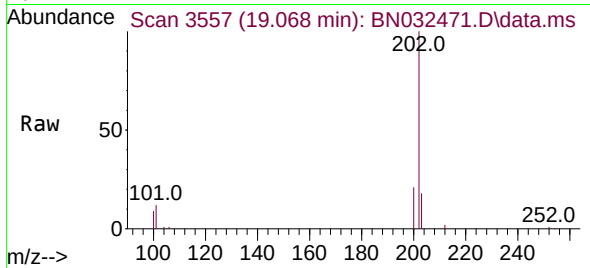
Tgt Ion:178 Resp: 5965
Ion Ratio Lower Upper
178 100
179 21.2 12.5 18.7#
176 20.7 15.0 22.6





#19
Fluoranthene
Concen: 0.569 ng/ul
RT: 19.068 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

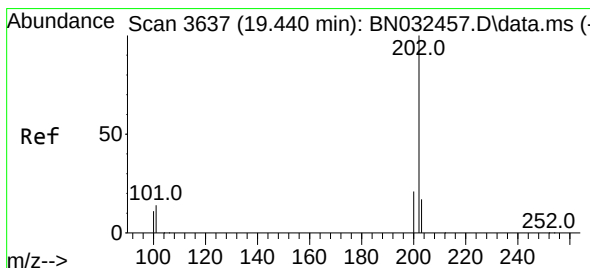
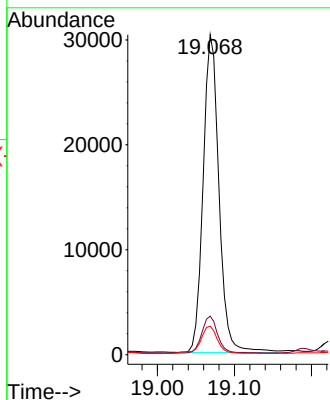
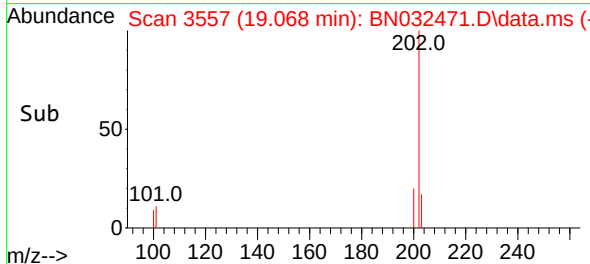
Instrument :
BNA_N
ClientSampleId :
A4CT7



Tgt Ion:202 Resp: 43225
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 8.9 6.4 9.6

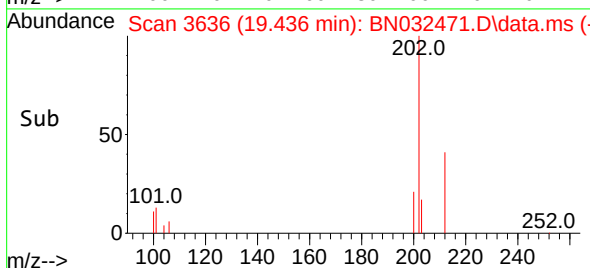
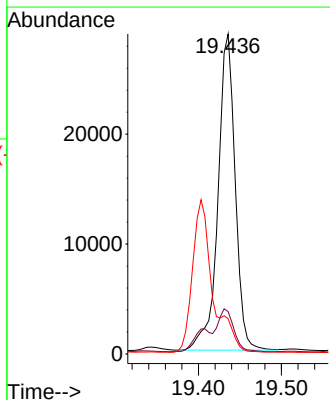
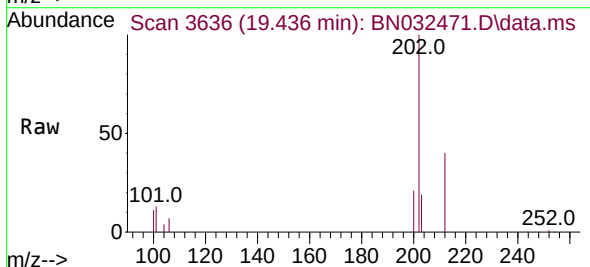
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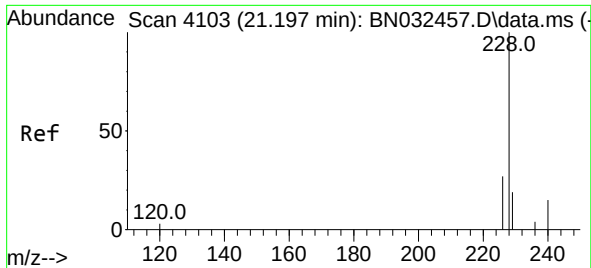
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 0.521 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

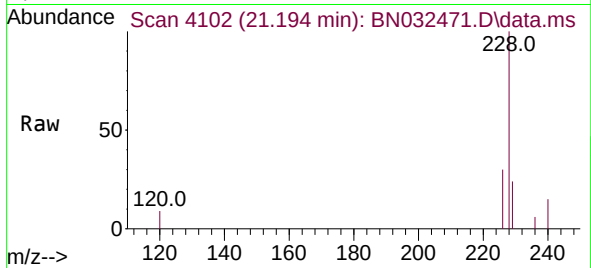
Tgt Ion:202 Resp: 41360
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 11.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.194 min Scan# 4103
Delta R.T. 0.003 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

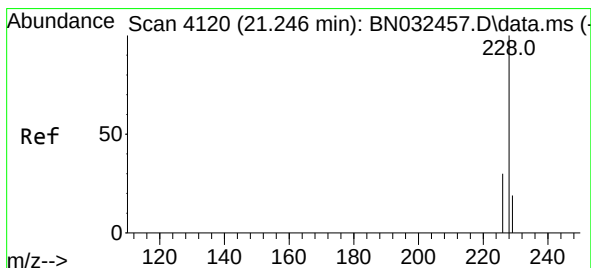
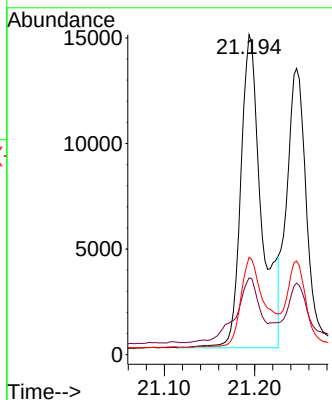
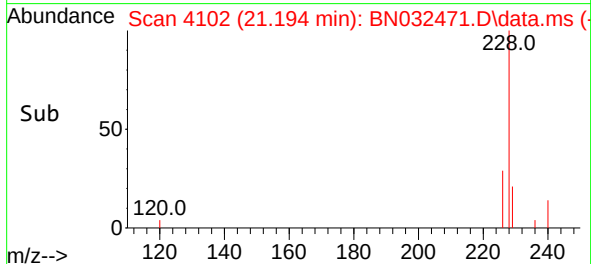
Instrument :
BNA_N
ClientSampleId :
A4CT7



Tgt Ion:228 Resp: 23579
Ion Ratio Lower Upper
228 100
229 24.0 15.7 23.5
226 30.5 21.8 32.8

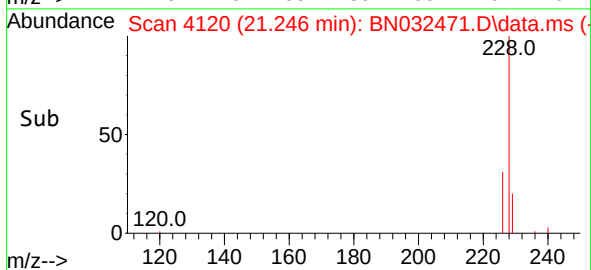
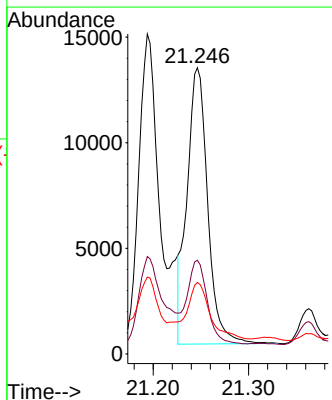
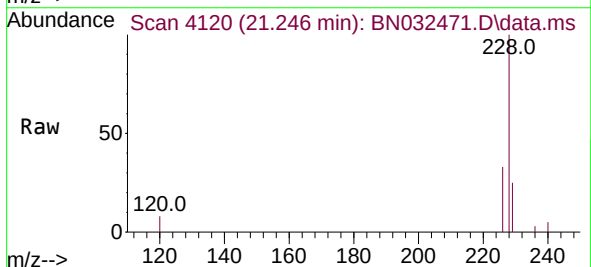
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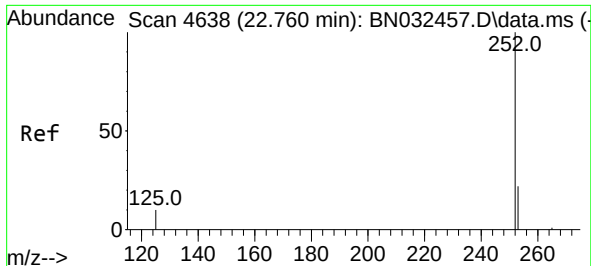
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 0.249 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

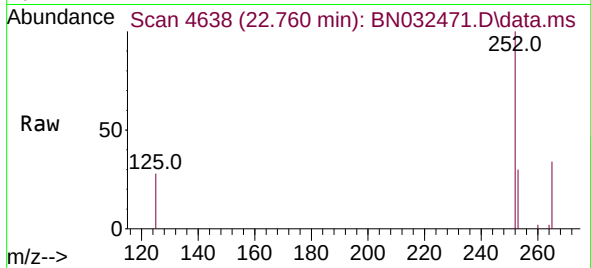
Tgt Ion:228 Resp: 19701
Ion Ratio Lower Upper
228 100
226 32.7 23.6 35.4
229 25.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

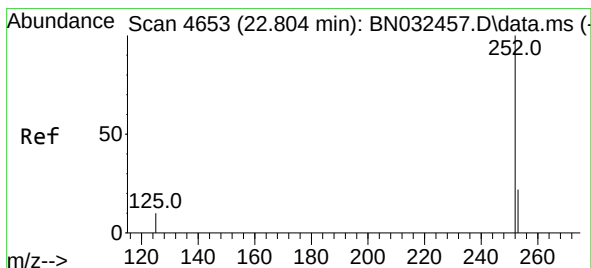
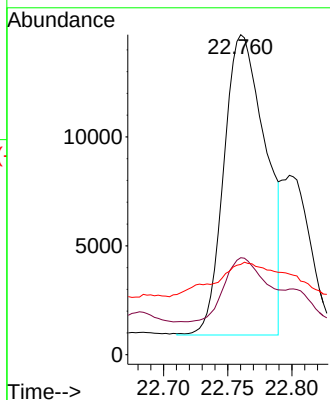
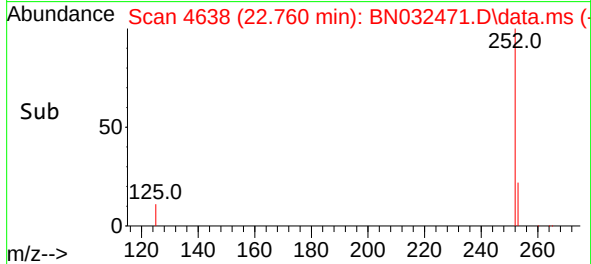
Instrument :
BNA_N
ClientSampleId :
A4CT7



Tgt Ion:252 Resp: 3122
Ion Ratio Lower Upper
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253 30.3 0.0 50.2
125 28.2 0.0 32.0

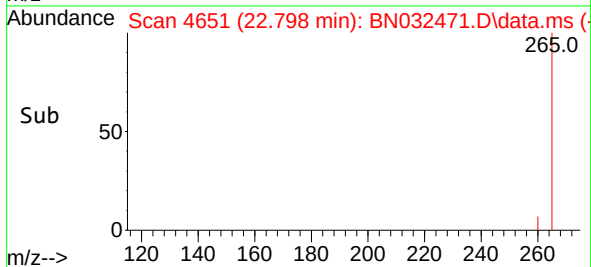
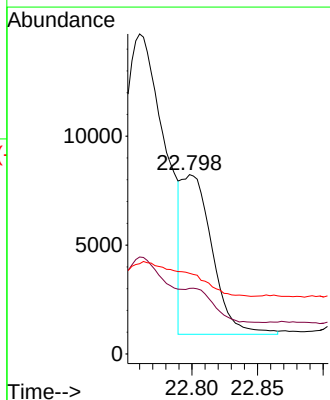
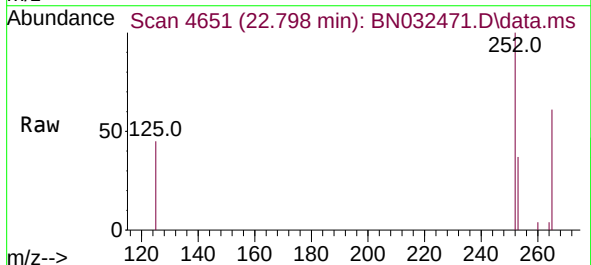
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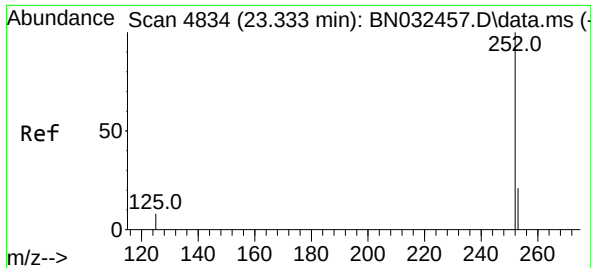
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

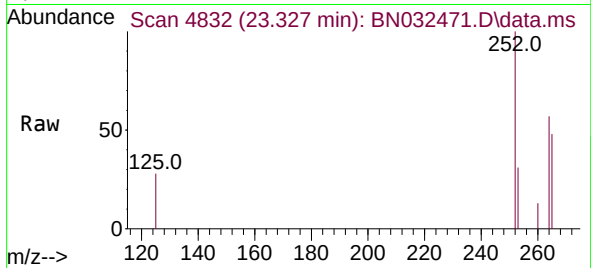
Tgt Ion:252 Resp: 11934
Ion Ratio Lower Upper
252 100
253 36.6 20.3 30.5#
125 45.0 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.348 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.000 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

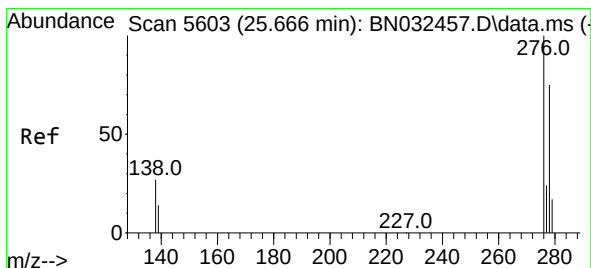
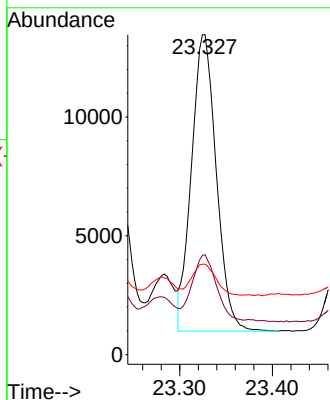
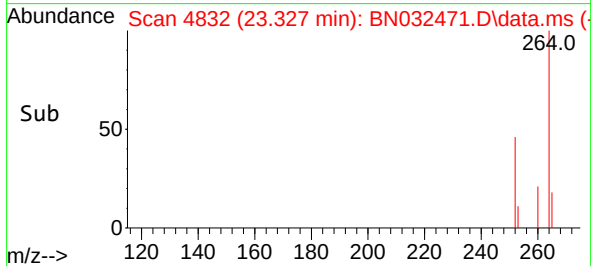
Instrument :
BNA_N
ClientSampleId :
A4CT7



Tgt Ion:252 Resp: 23270
Ion Ratio Lower Upper
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125 28.3 16.4 24.6

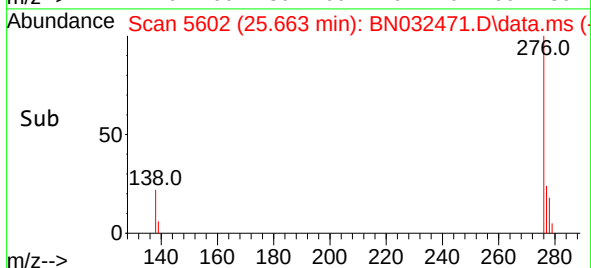
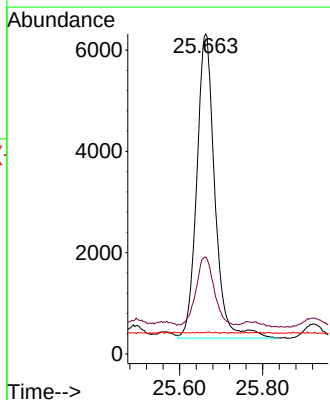
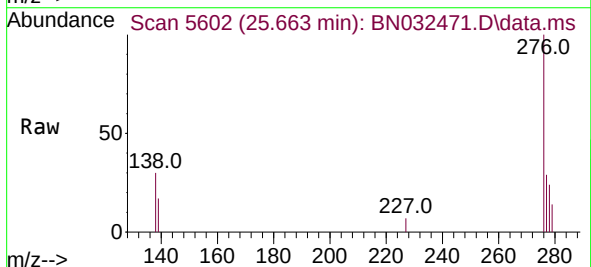
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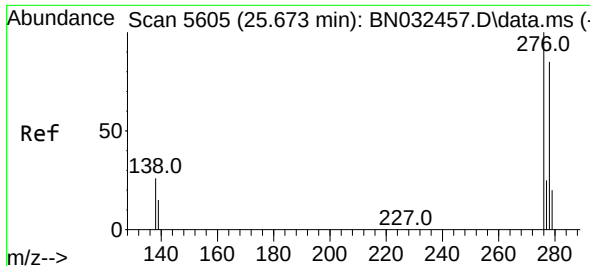
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. 0.003 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

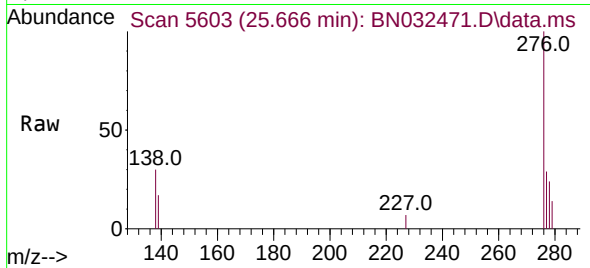
Tgt Ion:276 Resp: 18128
Ion Ratio Lower Upper
276 100
138 22.5 21.3 31.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.000 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45

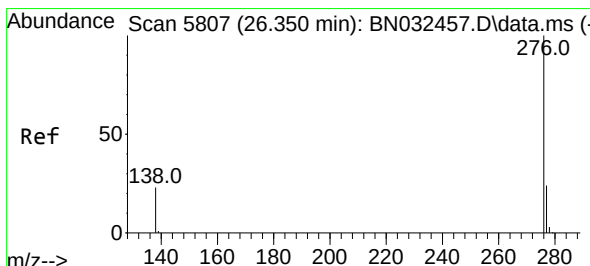
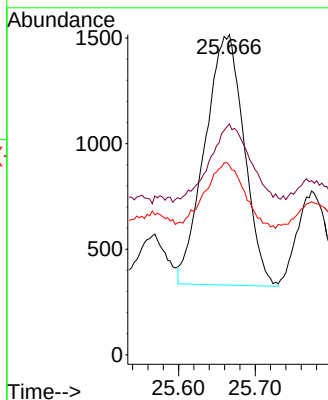
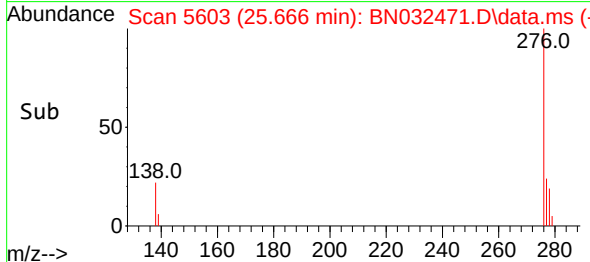
Instrument :
BNA_N
ClientSampleId :
A4CT7



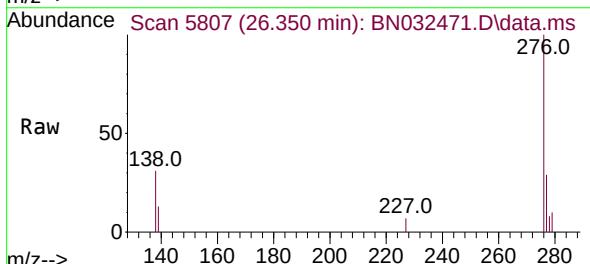
Tgt Ion:278 Resp: 4220
Ion Ratio Lower Upper
278 100
139 72.1 15.9 23.9
279 59.2 21.1 31.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.217 ng/ul
RT: 26.350 min Scan# 5807
Delta R.T. 0.007 min
Lab File: BN032471.D
Acq: 04 Jul 2024 12:45



Tgt Ion:276 Resp: 18126
Ion Ratio Lower Upper
276 100
138 30.7 19.8 29.6
277 29.4 19.8 29.6

