

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032472.D
 Acq On : 04 Jul 2024 13:21
 Operator : MA/JU
 Sample : P2964-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT0

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:06:10 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	8990	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	26644	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	14500	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	28006m	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	20257m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	23294m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	29214	2.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	7397	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	14247	0.234	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.420	128	10719	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.048	142	3269	0.070	ng/ul	97
8) 1-Methylnaphthalene	12.268	142	2292	0.047	ng/ul	98
10) Acenaphthylene	13.966	152	14473	0.240	ng/ul	97
11) Acenaphthene	14.304	153	6763	0.144	ng/ul	98
12) Fluorene	15.299	166	7991	0.143	ng/ul#	98
15) Phenanthrene	17.041	178	148607m	1.935	ng/ul	
16) Anthracene	17.134	178	32958m	0.481	ng/ul	
19) Fluoranthene	19.069	202	291339	3.777	ng/ul	99
20) Pyrene	19.436	202	220463	2.735	ng/ul	98
21) Benzo(a)anthracene	21.191	228	146742	2.007	ng/ul	97
22) Chrysene	21.244	228	155532	1.938	ng/ul	96
24) Benzo(b)fluoranthene	22.757	252	210622m	2.081	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	75475m	0.768	ng/ul	
26) Benzo(a)pyrene	23.324	252	87801	1.247	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.653	276	81770	0.742	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.653	278	28360	0.346	ng/ul#	82
29) Benzo(g,h,i)perylene	26.340	276	13340	0.152	ng/ul#	74

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

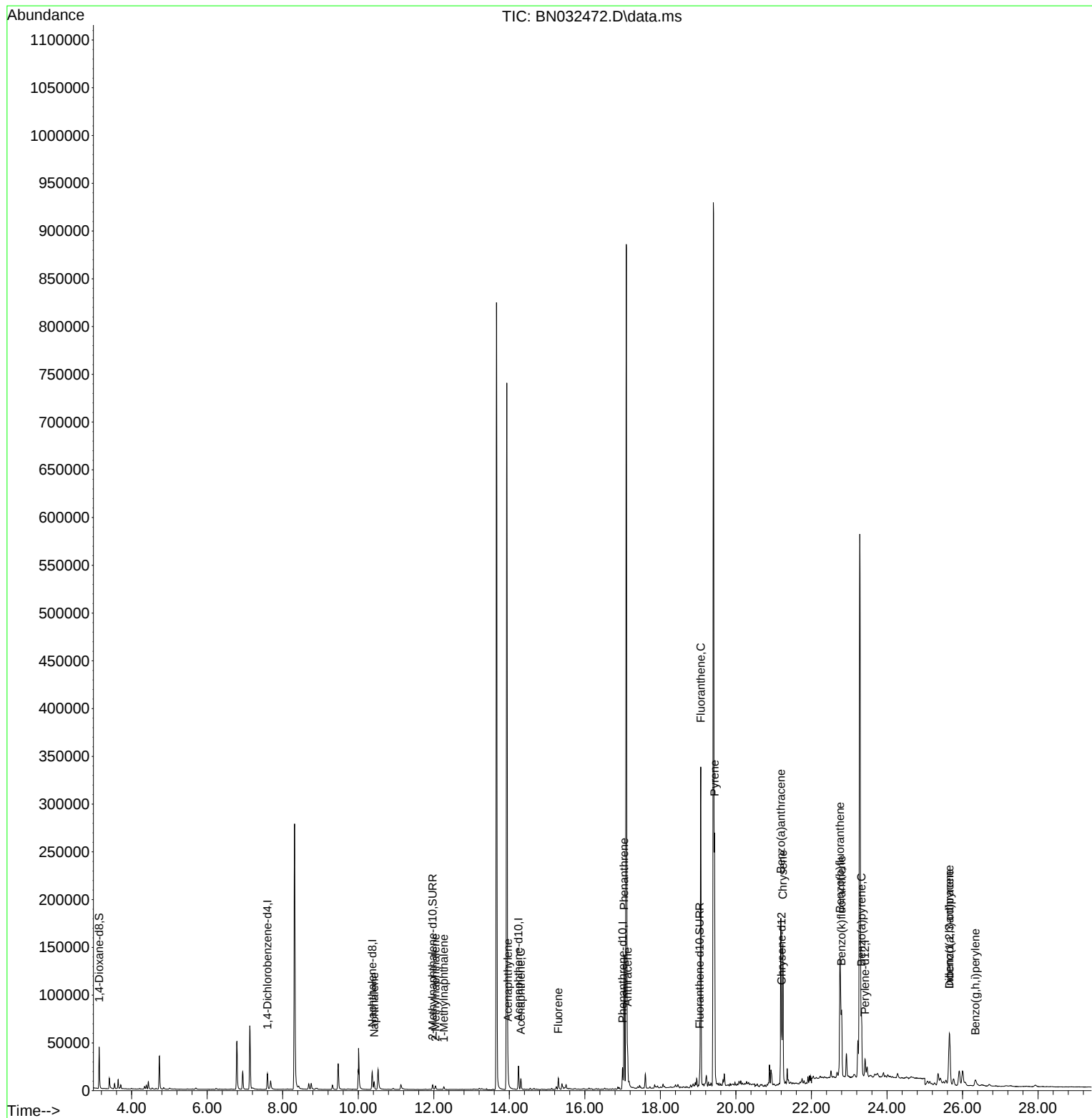
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032472.D
Acq On : 04 Jul 2024 13:21
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ALS Vial : 44 Sample Multiplier: 1

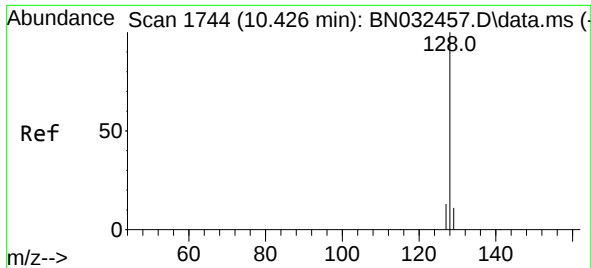
Instrument :
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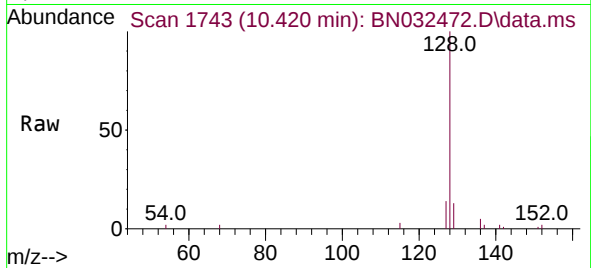
Quant Time: Jul 04 23:06:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.152 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

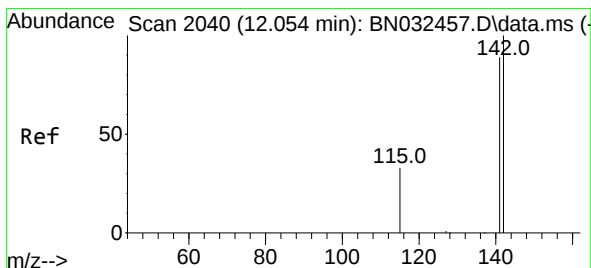
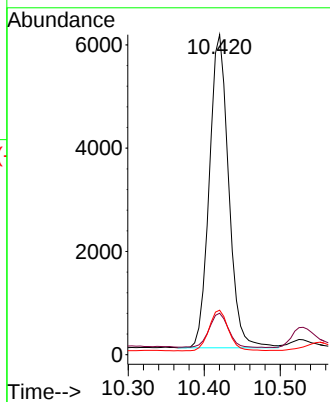
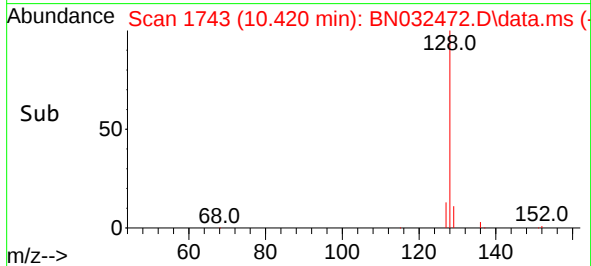
Instrument :
BNA_N
ClientSampleId :
A4CT0



Tgt Ion:128 Resp: 10719
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 13.9 10.8 16.2

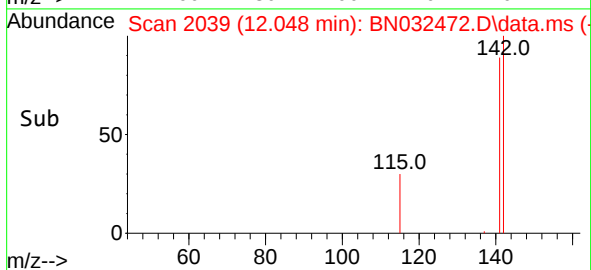
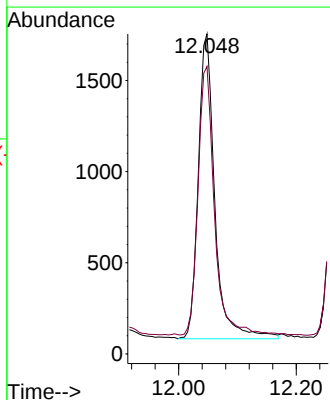
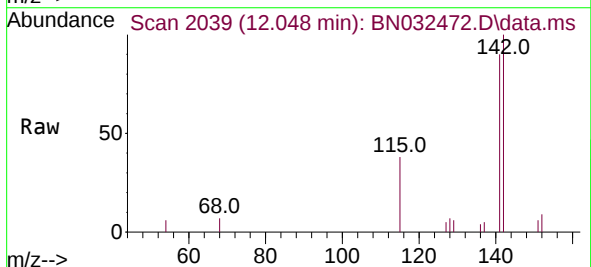
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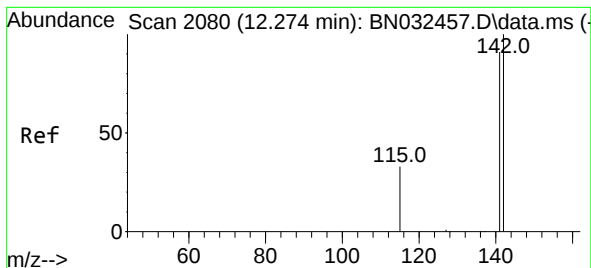
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

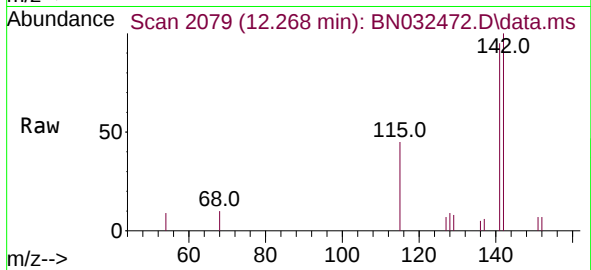
Tgt Ion:142 Resp: 3269
Ion Ratio Lower Upper
142 100
141 87.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

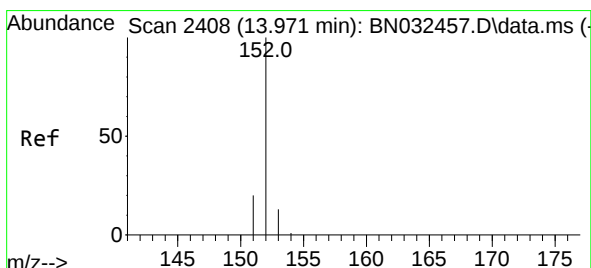
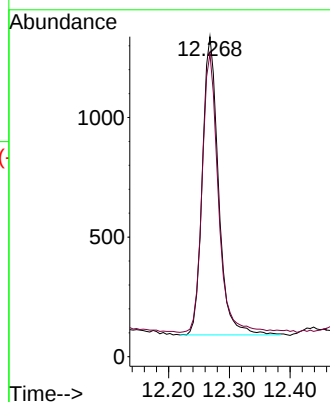
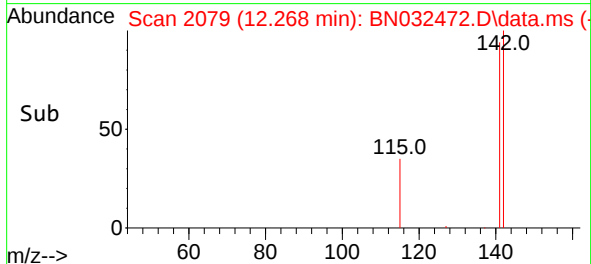
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2292
Ion Ratio Lower Upper
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141 93.7 73.4 110.0

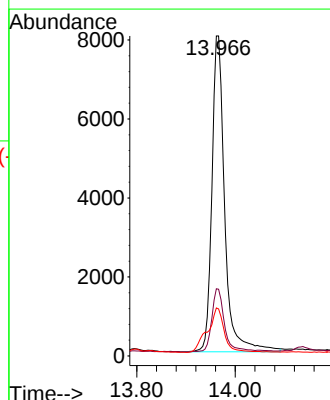
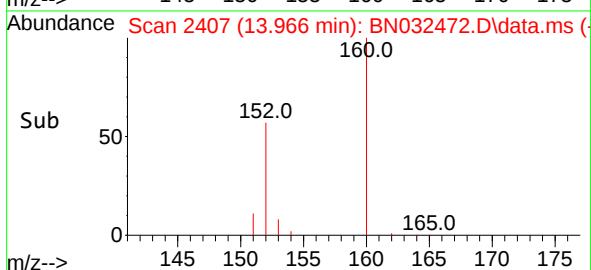
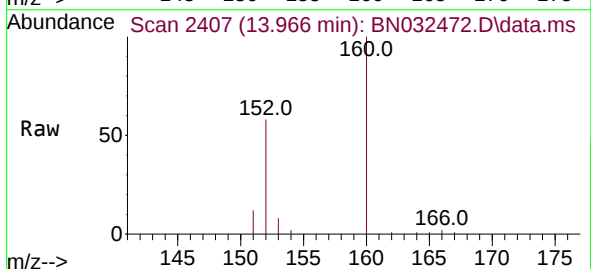
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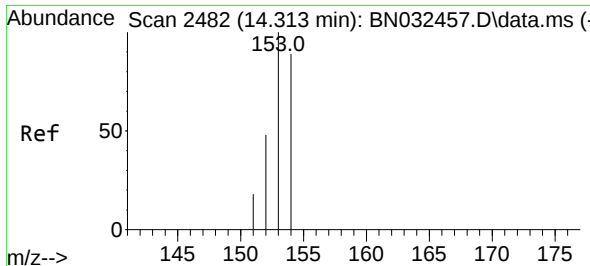
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.240 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

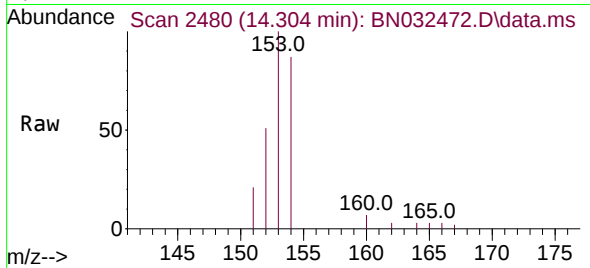
Tgt Ion:152 Resp: 14473
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.144 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

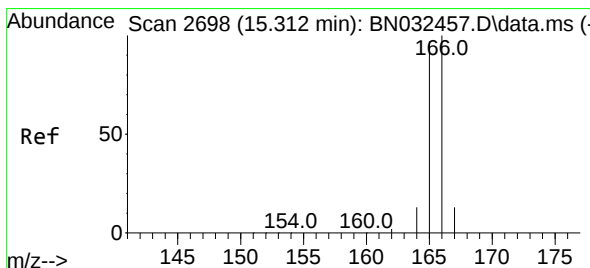
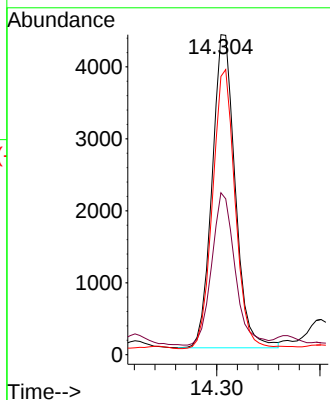
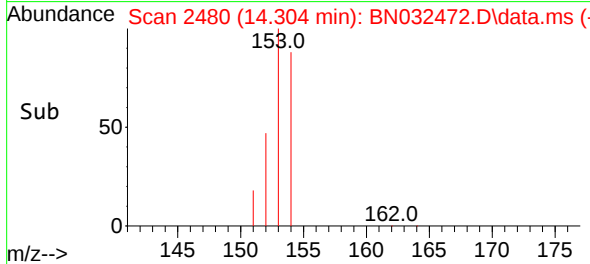
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 676
Ion Ratio Lower Upper
153 100
152 50.6 39.5 59.3
154 86.9 71.7 107.5

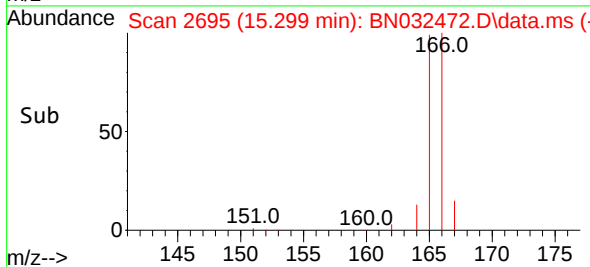
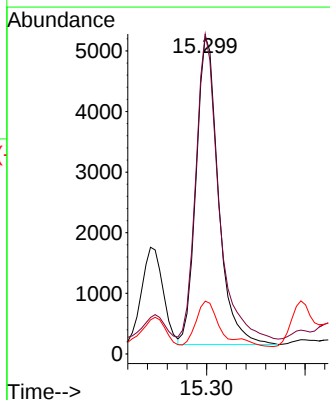
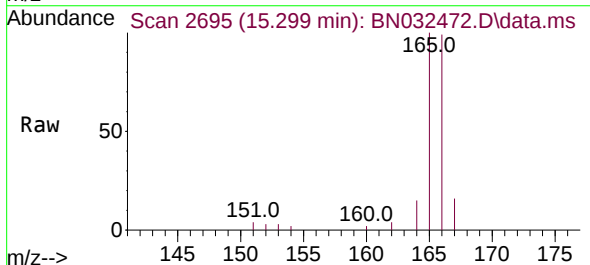
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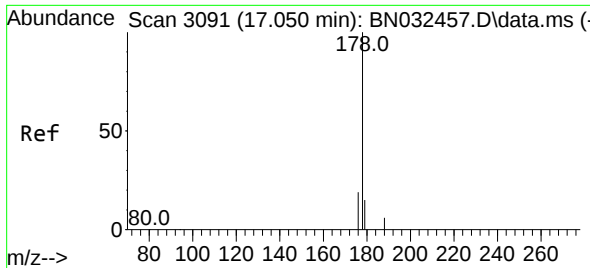
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

Tgt Ion:166 Resp: 7991
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 16.6 11.0 16.6#





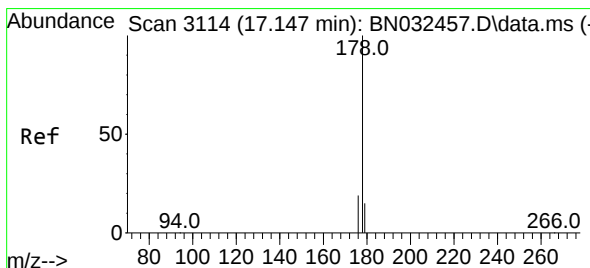
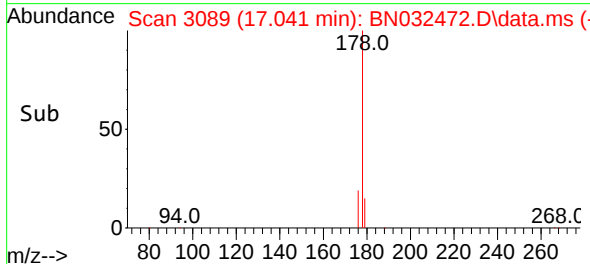
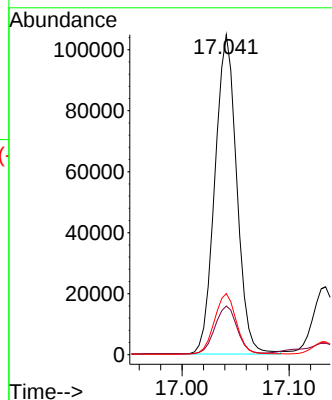
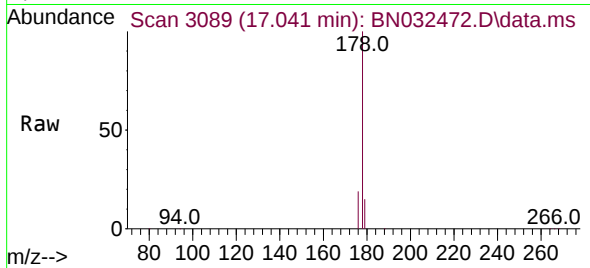
#15
Phenanthrene
Concen: 1.935 ng/ul m
RT: 17.041 min Scan# 3091
Delta R.T. -0.008 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

Instrument :
BNA_N
ClientSampleId :
A4CT0

Tgt Ion:178 Resp: 14860
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.1 15.6 23.4

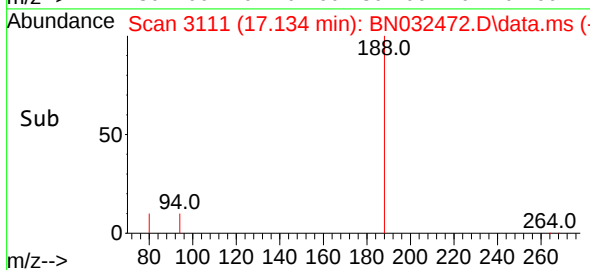
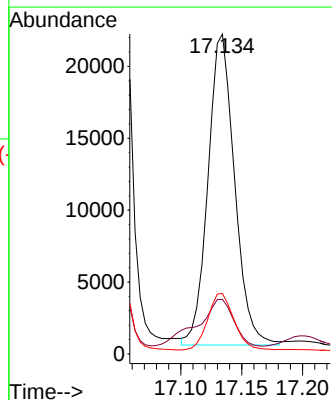
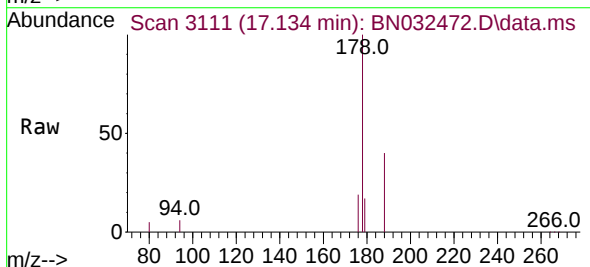
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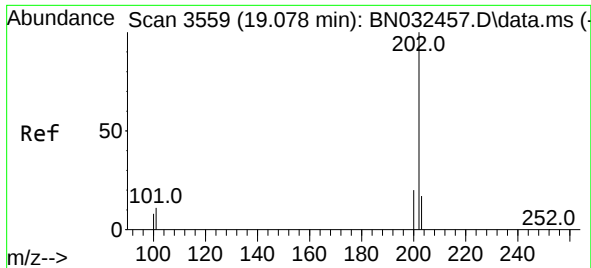
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.481 ng/ul m
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

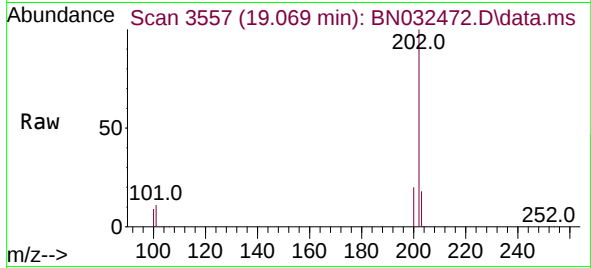
Tgt Ion:178 Resp: 32958
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 3.777 ng/ul
RT: 19.069 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

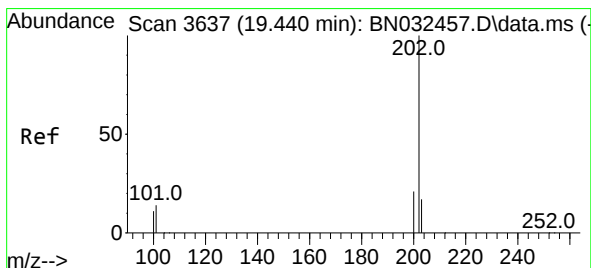
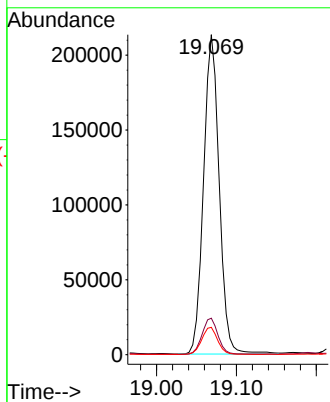
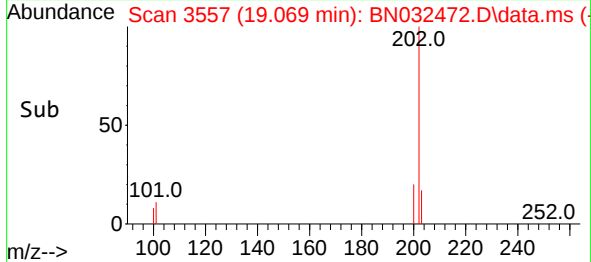
Instrument :
BNA_N
ClientSampleId :
A4CT0



Tgt Ion:202 Resp: 291339
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.5 6.4 9.6

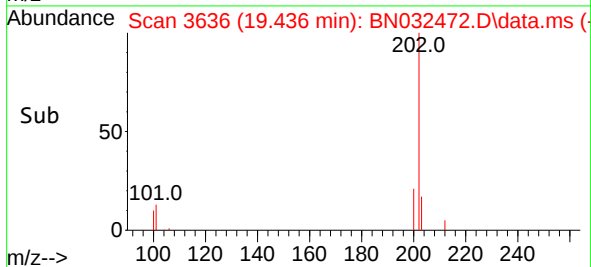
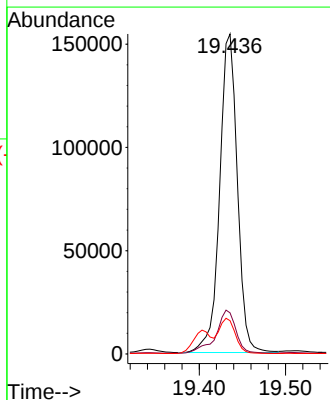
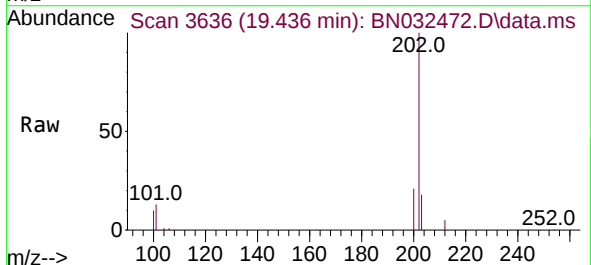
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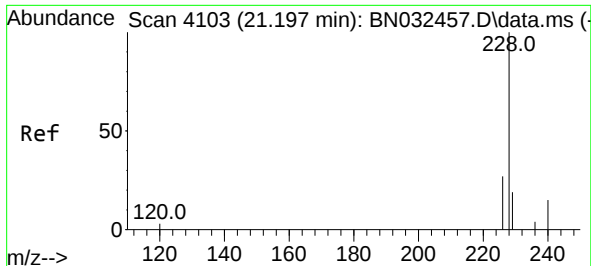
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 2.735 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

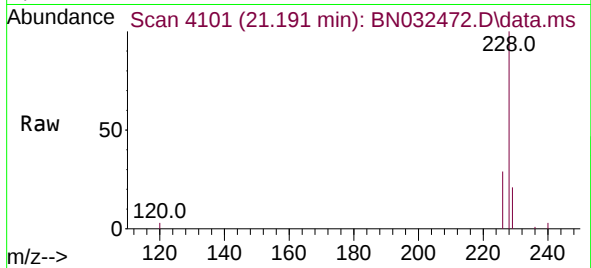
Tgt Ion:202 Resp: 220463
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.007 ng/ul
RT: 21.191 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

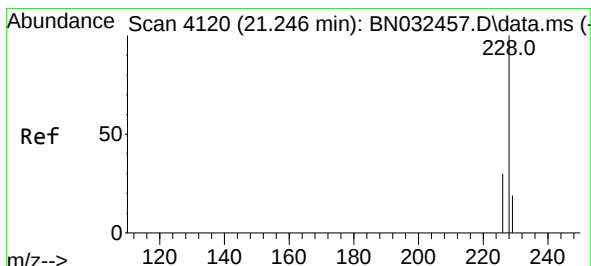
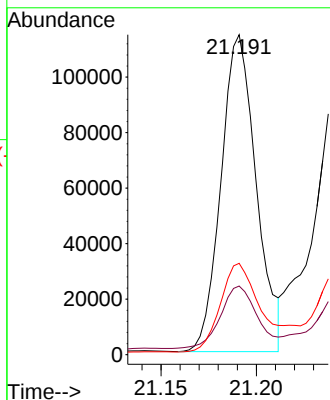
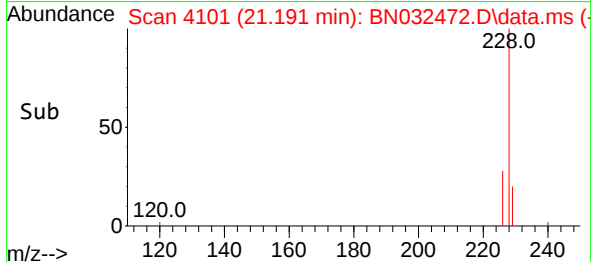
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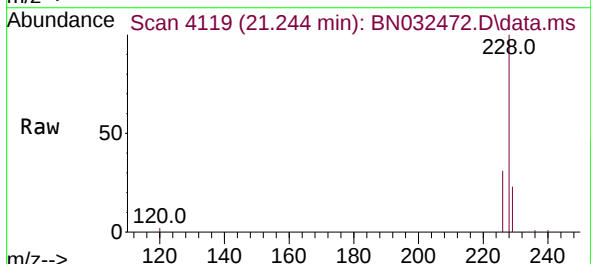
Tgt Ion:228 Resp: 14674
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 28.6 21.8 32.8

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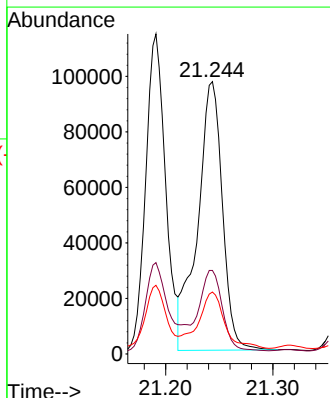
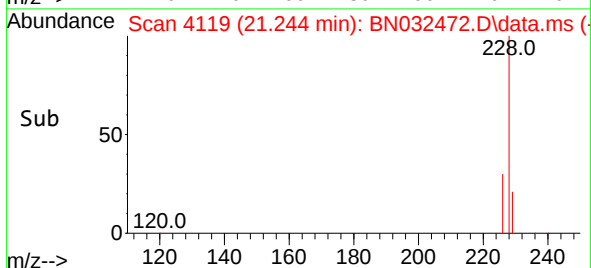
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

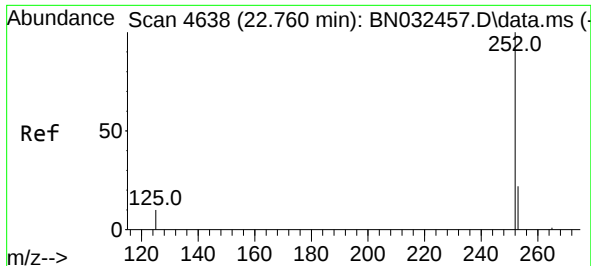


#22
Chrysene
Concen: 1.938 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21



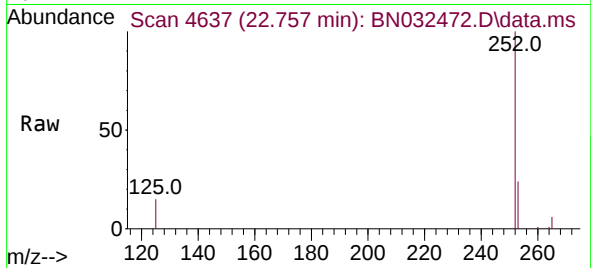
Tgt Ion:228 Resp: 155532
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.081 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

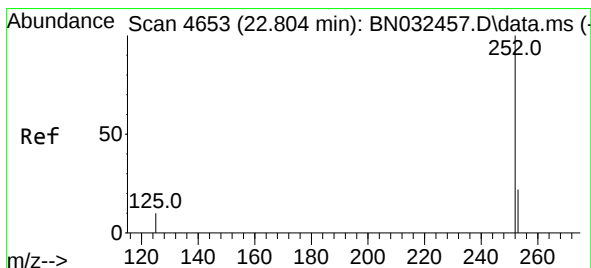
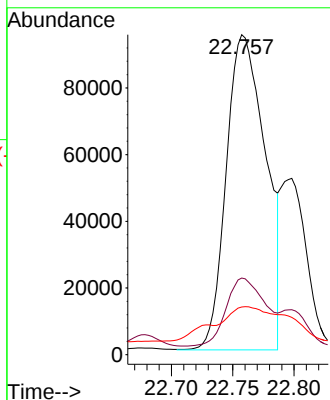
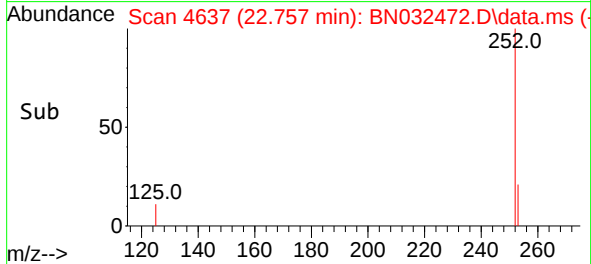
Instrument :
BNA_N
ClientSampleId :
A4CT0



Tgt Ion:252 Resp: 21062
Ion Ratio Lower Upper
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253 24.0 0.0 50.2
125 14.9 0.0 32.0

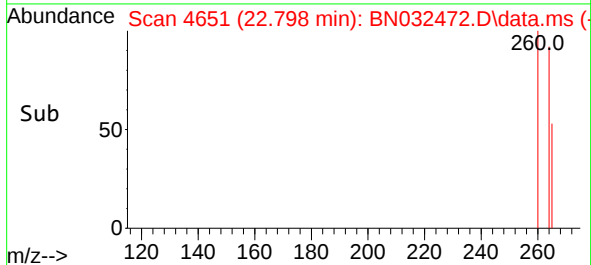
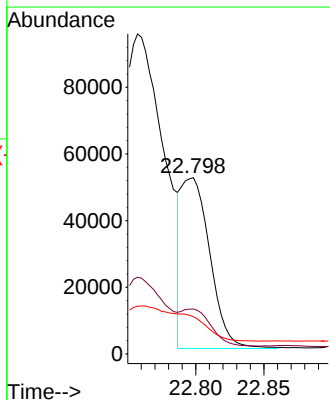
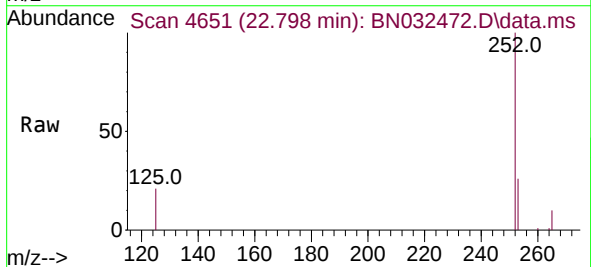
Manual Integrations
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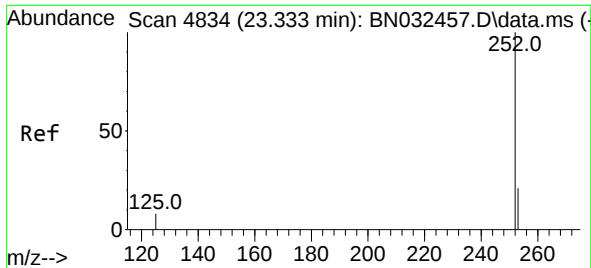
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.768 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

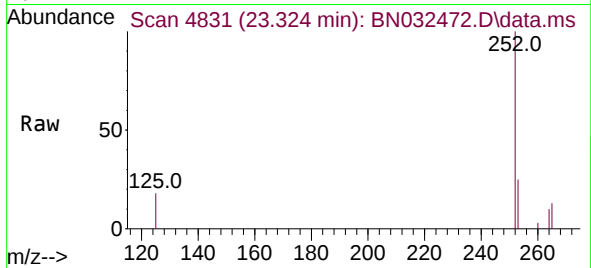
Tgt Ion:252 Resp: 75475
Ion Ratio Lower Upper
252 100
253 25.5 20.3 30.5
125 21.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.247 ng/ul
RT: 23.324 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

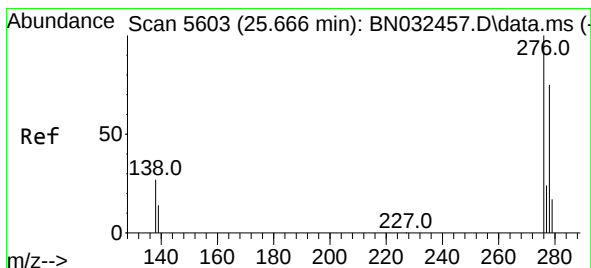
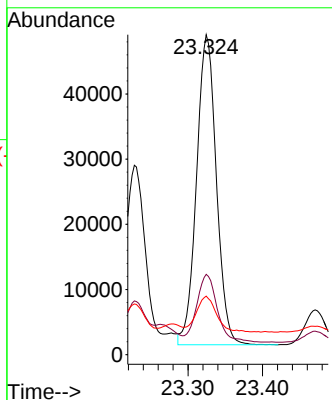
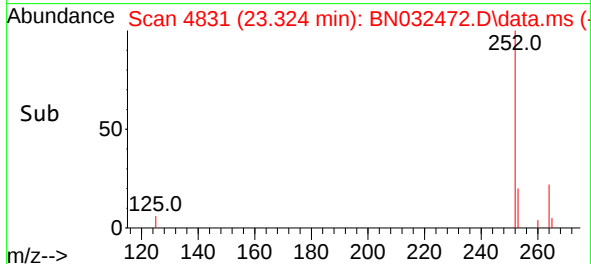
Instrument :
BNA_N
ClientSampleId :
A4CT0



Tgt Ion:252 Resp: 8780
Ion Ratio Lower Upper
252 100
253 25.1 22.2 33.2
125 18.3 16.4 24.6

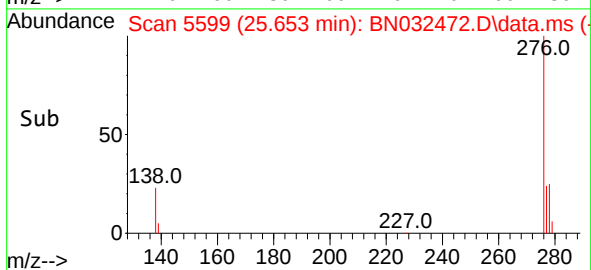
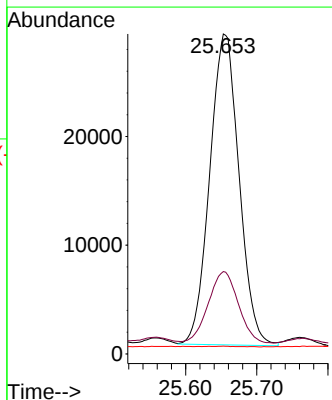
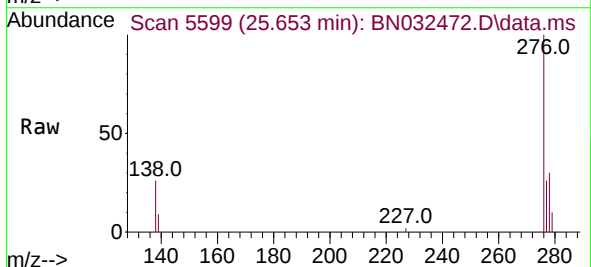
Manual Integrations
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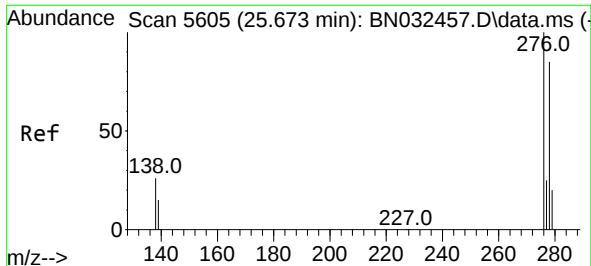
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.742 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

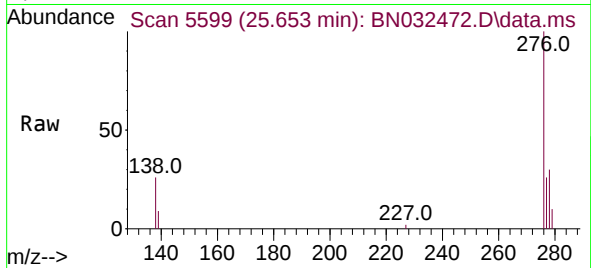
Tgt Ion:276 Resp: 81770
Ion Ratio Lower Upper
276 100
138 23.8 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.013 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

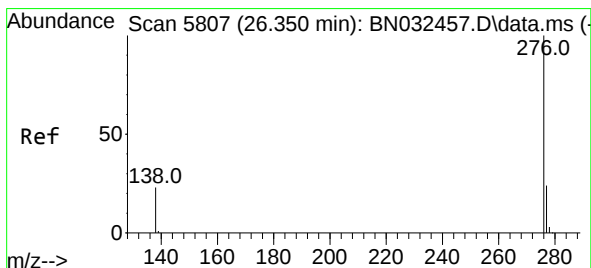
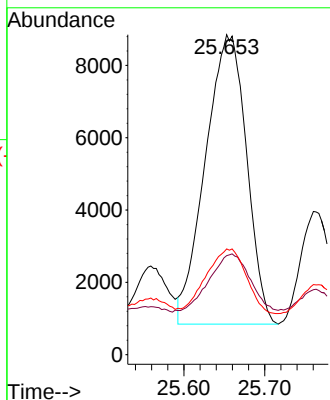
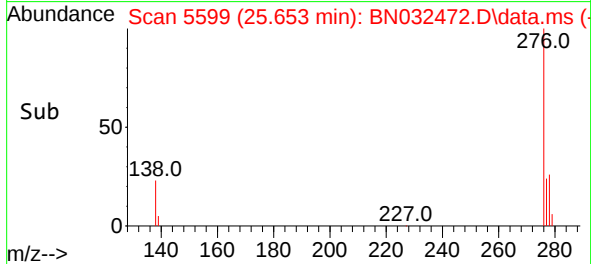
Instrument :
BNA_N
ClientSampleId :
A4CT0



Tgt Ion: 278 Resp: 28360
Ion Ratio Lower Upper
278 100
139 30.9 15.9 23.9#
279 33.0 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: 0.152 ng/ul
RT: 26.340 min Scan# 5804
Delta R.T. -0.003 min
Lab File: BN032472.D
Acq: 04 Jul 2024 13:21

Tgt Ion: 276 Resp: 13340
Ion Ratio Lower Upper
276 100
138 38.6 19.8 29.6#
277 36.4 19.8 29.6#

