

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032467.D
 Acq On : 04 Jul 2024 10:21
 Operator : MA/JU
 Sample : P2964-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT3

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:05:19 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	7.599	152	7900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	23657	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	13071	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	26830m	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	18245m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	21148m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	27765	3.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6889	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	13024m	0.237	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	16476	0.263	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	5441	0.131	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	4240	0.099	ng/ul	98
10) Acenaphthylene	13.966	152	18344	0.337	ng/ul	98
11) Acenaphthene	14.308	153	13842	0.328	ng/ul	99
12) Fluorene	15.303	166	15769	0.314	ng/ul	97
15) Phenanthrene	17.041	178	280245m	3.810	ng/ul	
16) Anthracene	17.134	178	53288m	0.812	ng/ul	
19) Fluoranthene	19.068	202	476938m	6.865	ng/ul	
20) Pyrene	19.436	202	341603m	4.705	ng/ul	
21) Benzo(a)anthracene	21.191	228	217402m	3.301	ng/ul	
22) Chrysene	21.243	228	238321m	3.297	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	323076m	3.516	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	112634m	1.262	ng/ul	
26) Benzo(a)pyrene	23.324	252	125544m	1.964	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.656	276	117599m	1.175	ng/ul	
28) Dibenzo(a,h)anthracene	25.656	278	42247m	0.568	ng/ul	
29) Benzo(g,h,i)perylene	26.340	276	17952m	0.225	ng/ul	

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

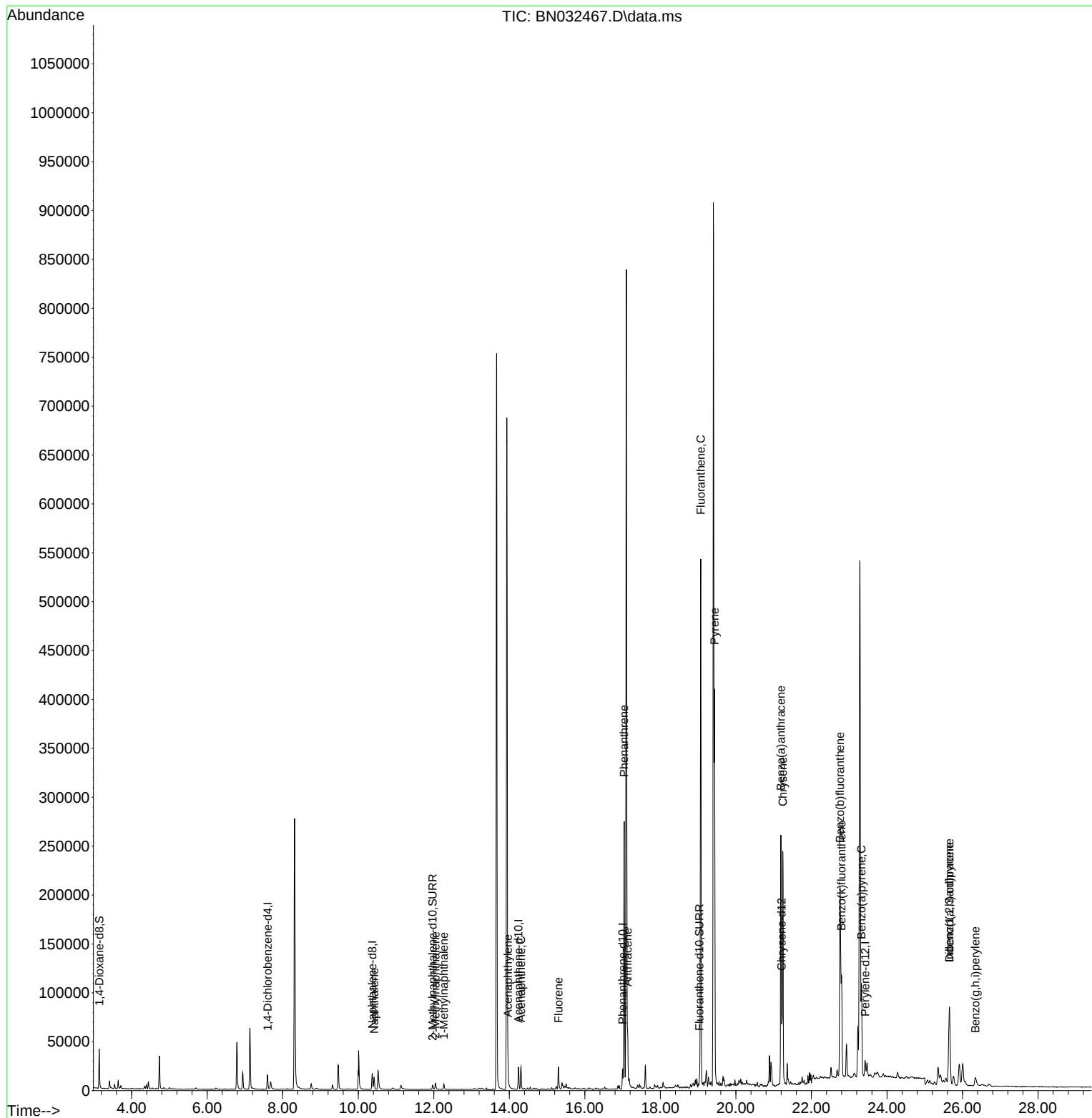
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032467.D
Acq On : 04 Jul 2024 10:21
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Sample : P2964-14
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ALS Vial : 39 Sample Multiplier: 1

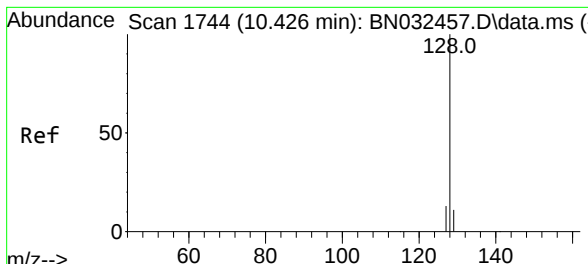
Instrument :
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Supervised By :mohammad ahmed 07/05/2024

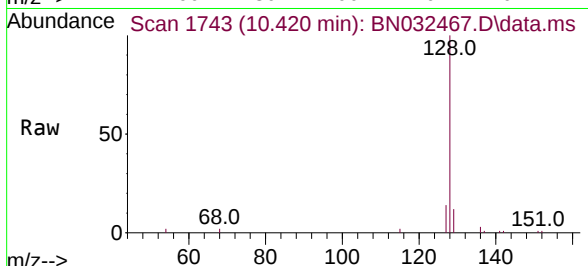
Quant Time: Jul 04 23:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.263 ng/ul
RT: 10.420 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

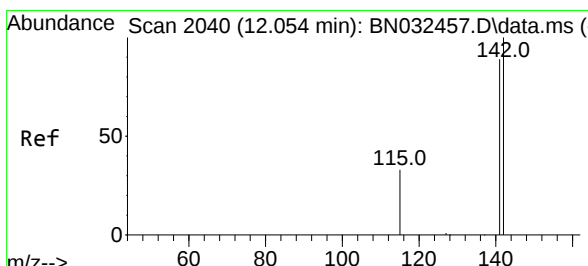
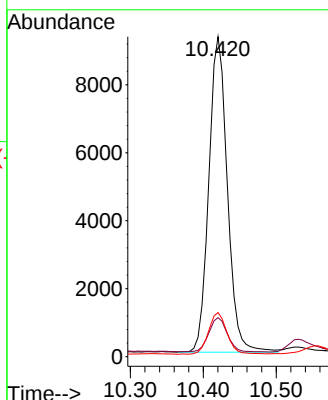
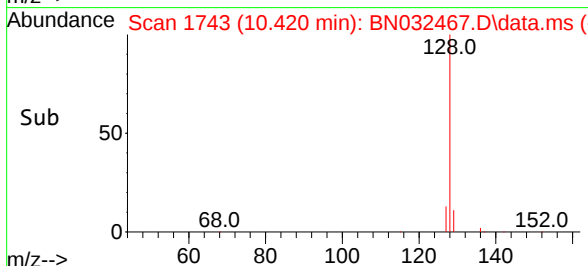
Instrument :
BNA_N
ClientSampleId :
A4CT3



Tgt Ion:128 Resp: 16470
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.8 10.8 16.2

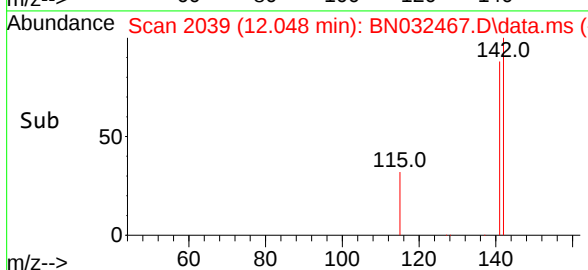
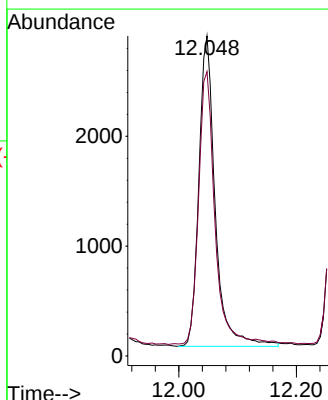
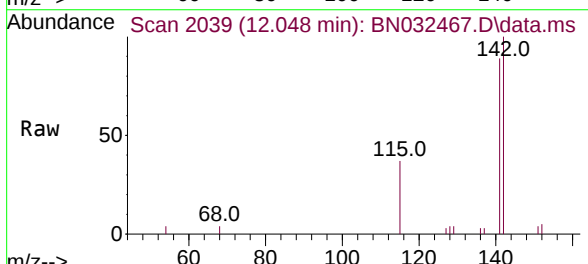
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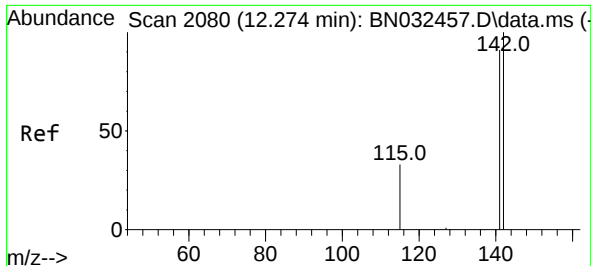
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

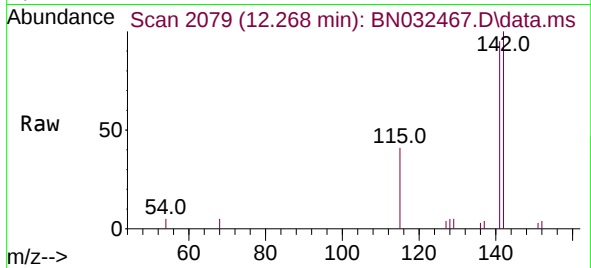
Tgt Ion:142 Resp: 5441
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

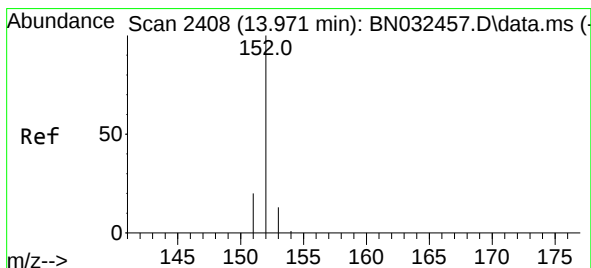
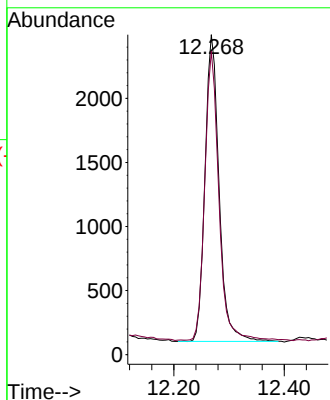
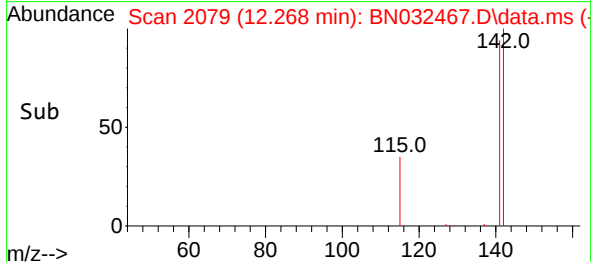
Instrument :
BNA_N
ClientSampleId :
A4CT3



Tgt Ion:142 Resp: 4240
Ion Ratio Lower Upper
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141 93.3 73.4 110.0

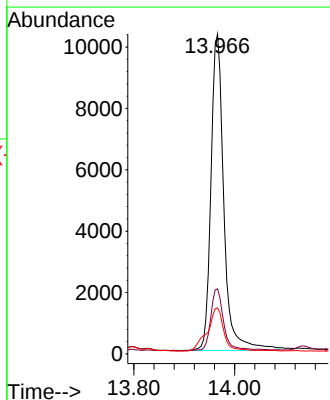
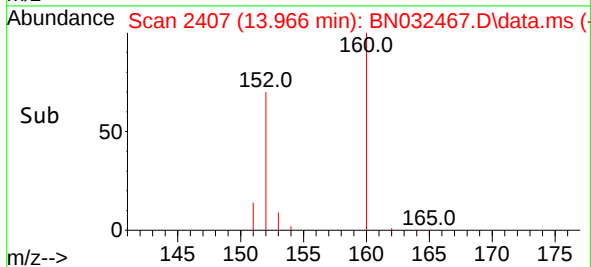
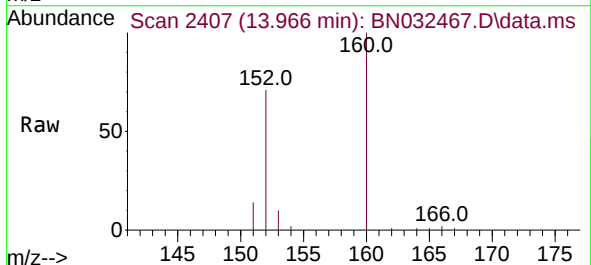
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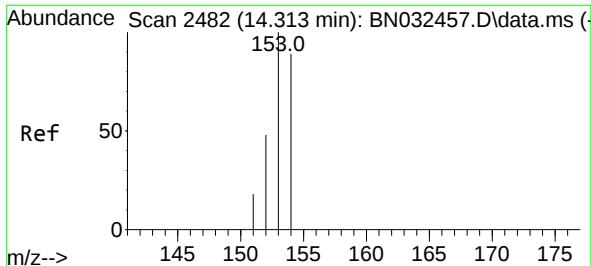
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

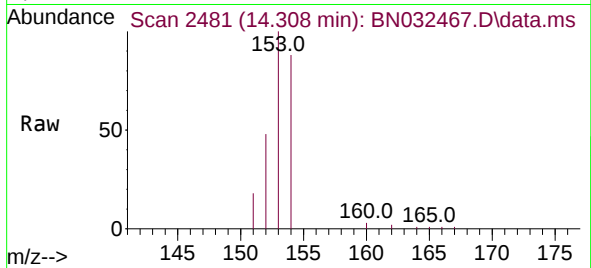
Tgt Ion:152 Resp: 18344
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

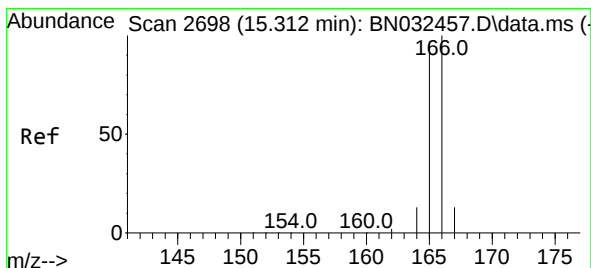
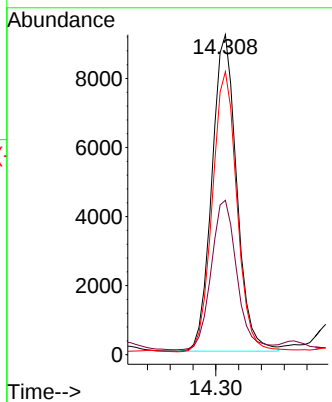
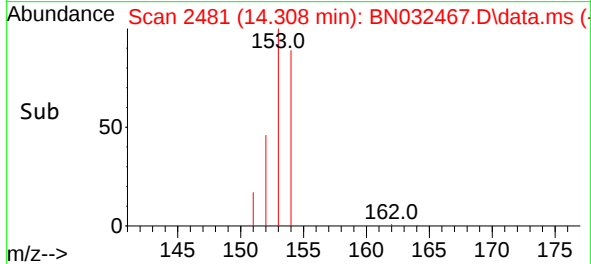
Instrument :
BNA_N
ClientSampleId :
A4CT3



Tgt Ion:153 Resp: 1384
Ion Ratio Lower Upper
153 100
152 48.3 39.5 59.3
154 88.5 71.7 107.5

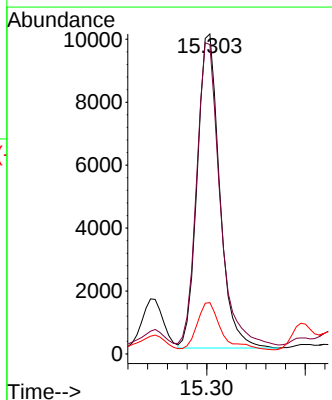
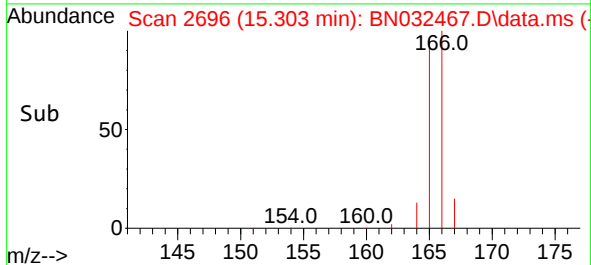
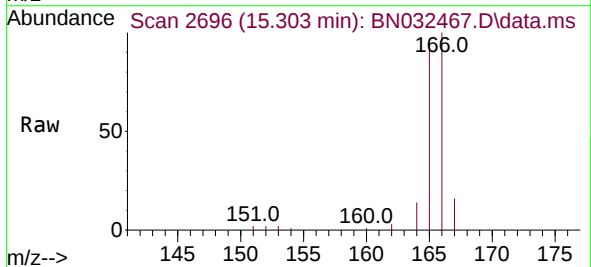
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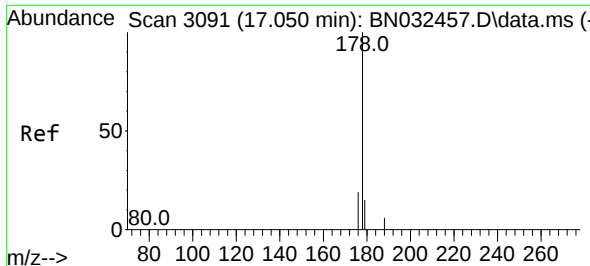
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Tgt Ion:166 Resp: 15769
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 16.1 11.0 16.6





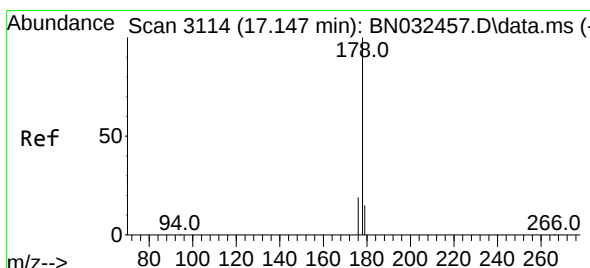
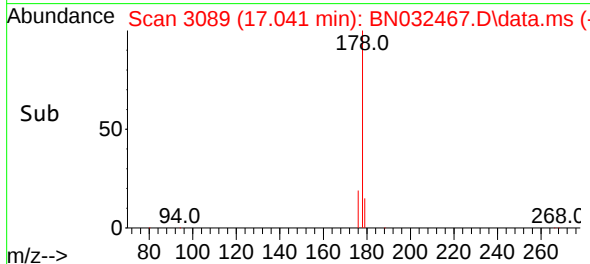
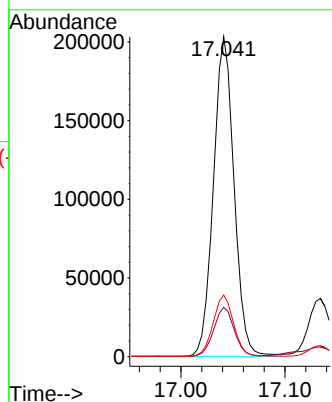
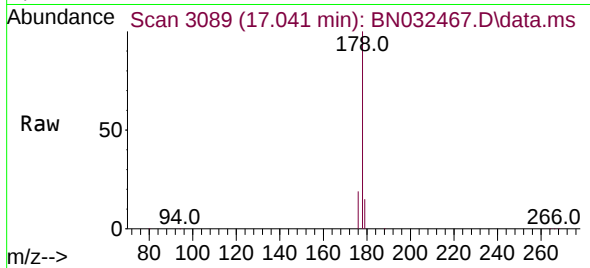
#15
Phenanthrene
Concen: 3.810 ng/ul m
RT: 17.041 min Scan# 3091
Delta R.T. -0.009 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Instrument :
BNA_N
ClientSampleId :
A4CT3

Tgt Ion:178 Resp: 28024
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4

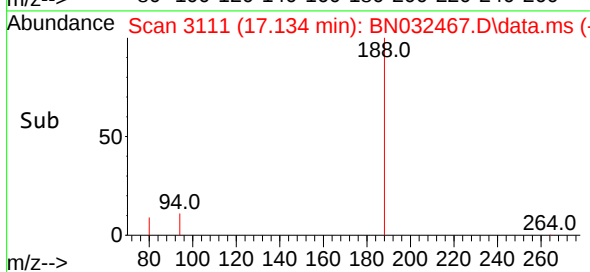
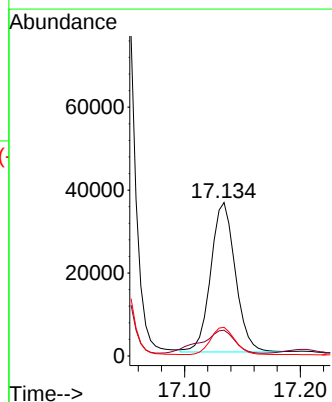
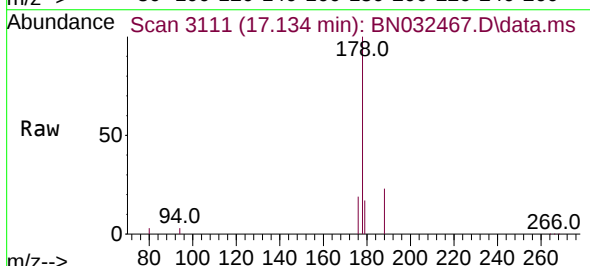
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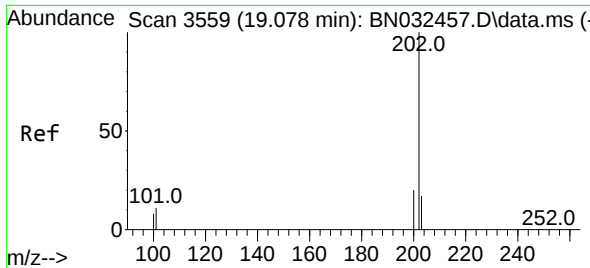
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.812 ng/ul m
RT: 17.134 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

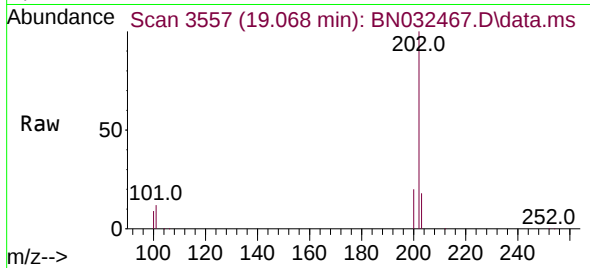
Tgt Ion:178 Resp: 53288
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 6.865 ng/ul m
RT: 19.068 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

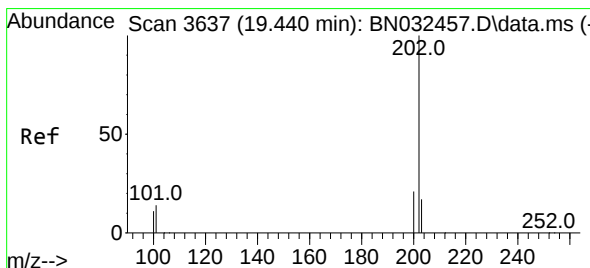
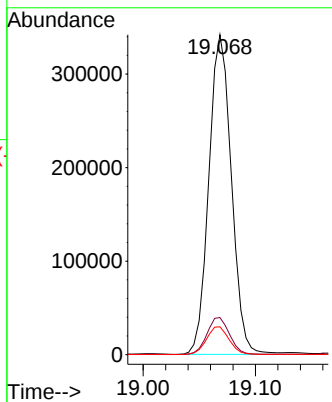
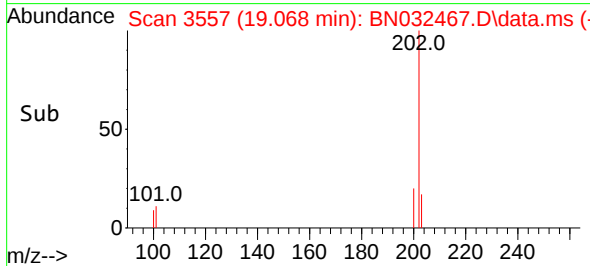
Instrument :
BNA_N
ClientSampleId :
A4CT3



Tgt Ion:202 Resp: 476938
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.7 6.4 9.6

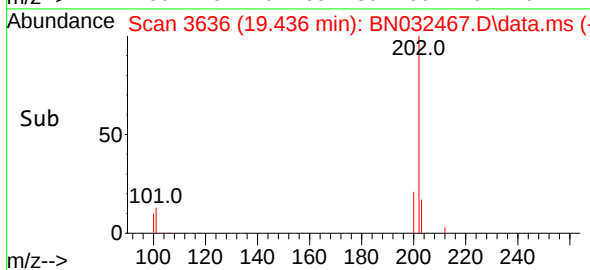
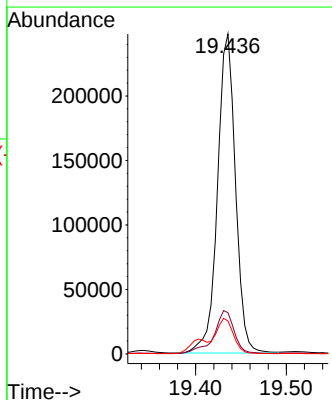
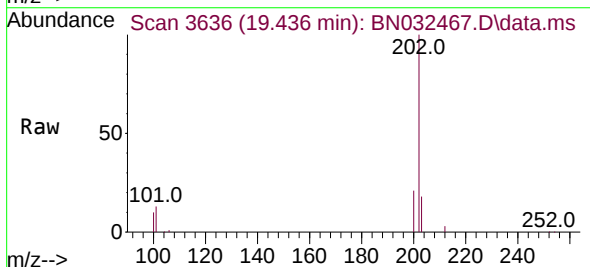
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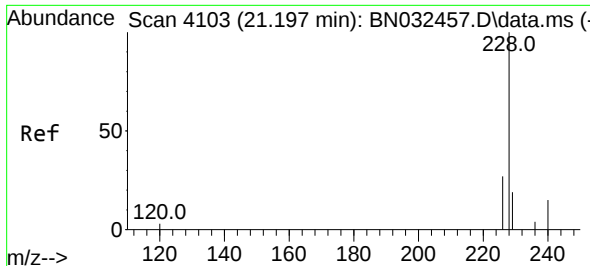
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 4.705 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

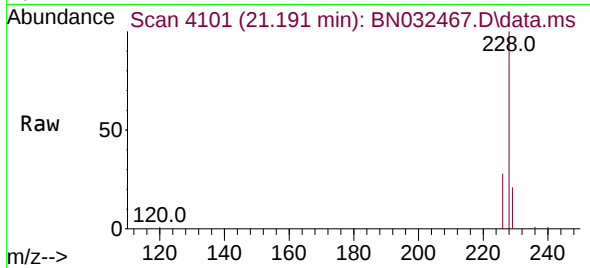
Tgt Ion:202 Resp: 341603
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.301 ng/ul m
RT: 21.191 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

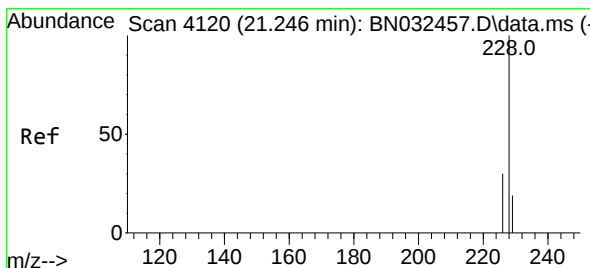
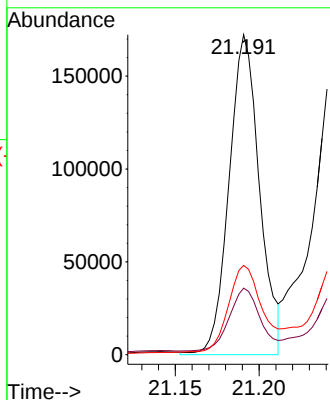
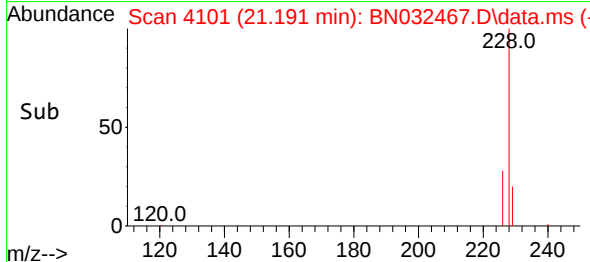
Instrument :
BNA_N
ClientSampleId :
A4CT3



Tgt Ion:228 Resp: 21740
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.9 21.8 32.8

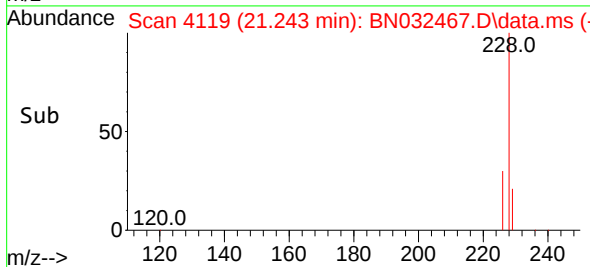
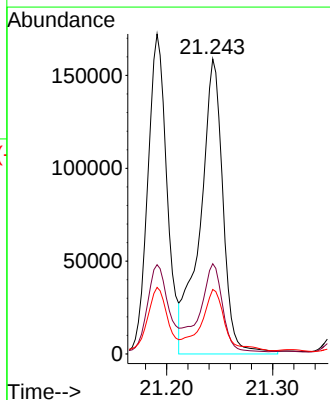
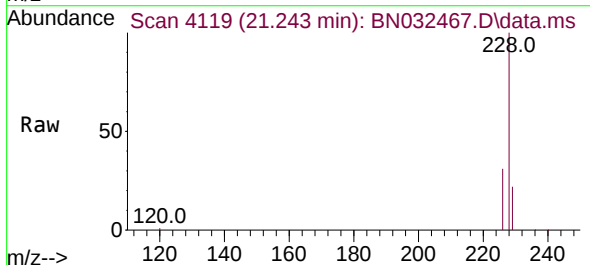
Manual Integrations
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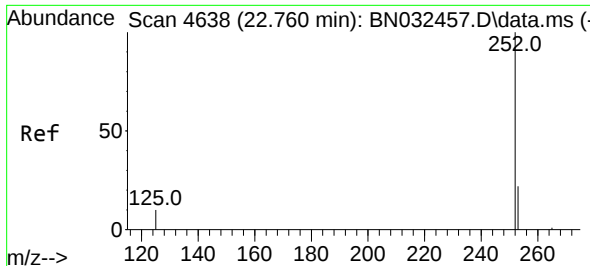
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 3.297 ng/ul m
RT: 21.243 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

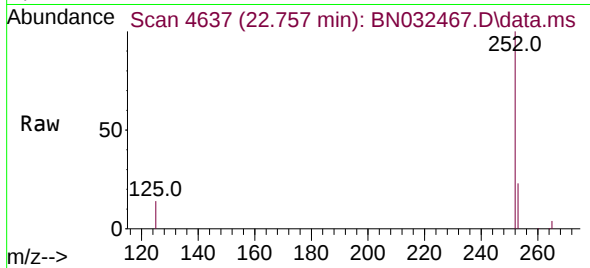
Tgt Ion:228 Resp: 238321
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.516 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

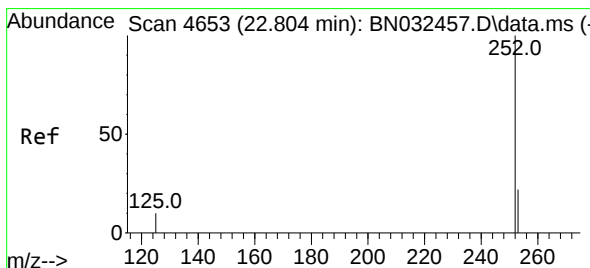
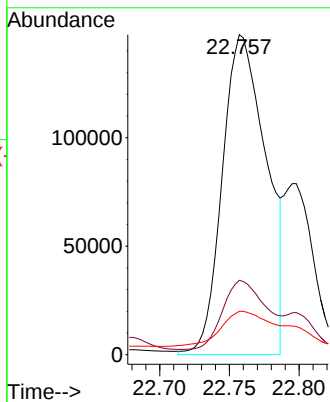
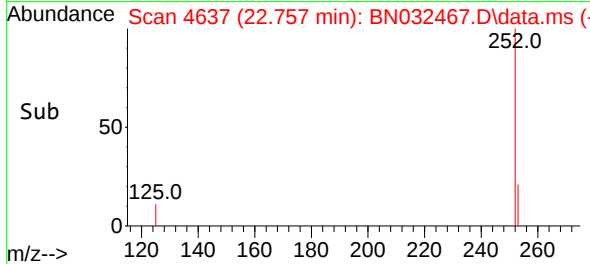
Instrument :
BNA_N
ClientSampleId :
A4CT3



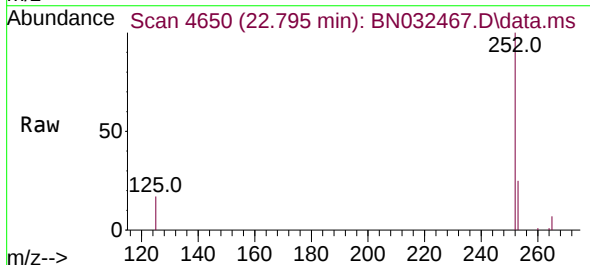
Tgt Ion:252 Resp: 323070
Ion Ratio Lower Upper
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253 23.2 0.0 50.2
125 13.6 0.0 32.0

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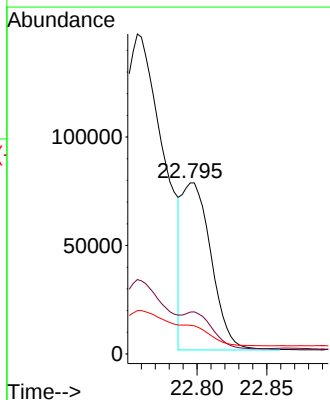
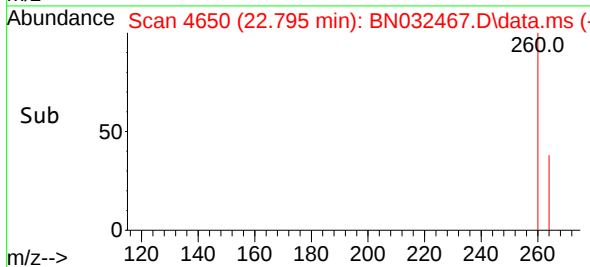
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

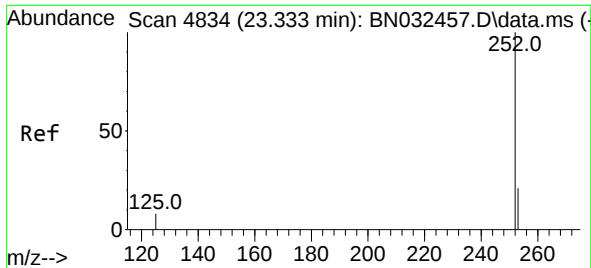


#25
Benzo(k)fluoranthene
Concen: 1.262 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21



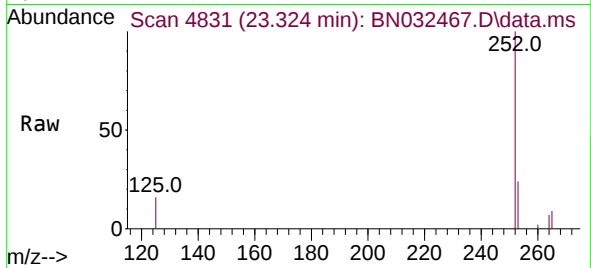
Tgt Ion:252 Resp: 112634
Ion Ratio Lower Upper
252 100
253 24.5 20.3 30.5
125 16.7 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.964 ng/ul m
RT: 23.324 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

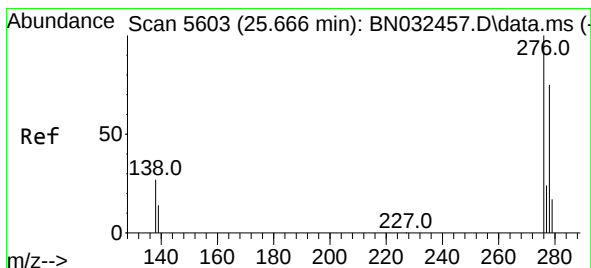
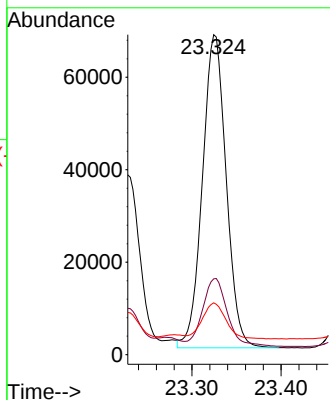
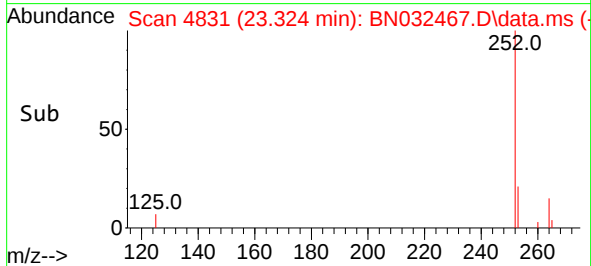
Instrument :
BNA_N
ClientSampleId :
A4CT3



Tgt Ion:252 Resp: 125544
Ion Ratio Lower Upper
252 100
253 23.7 22.2 33.2
125 16.2 16.4 24.6

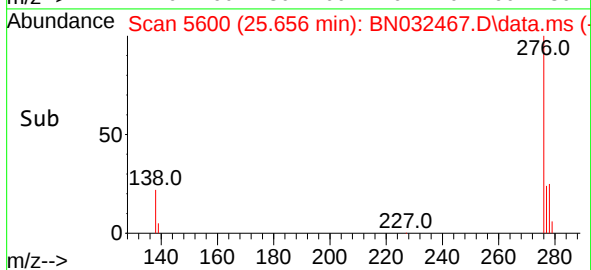
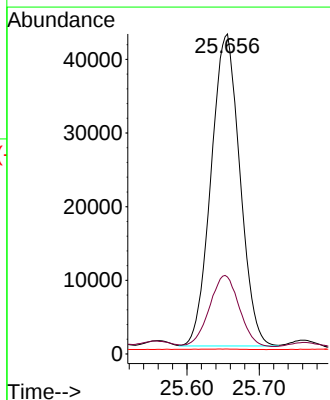
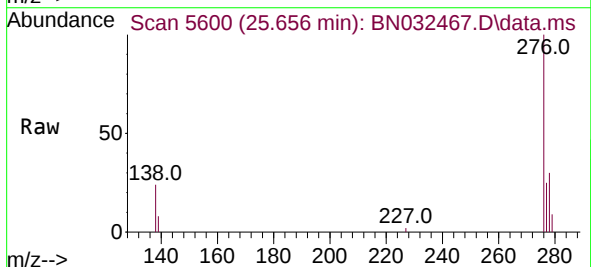
Manual Integrations
APPROVED

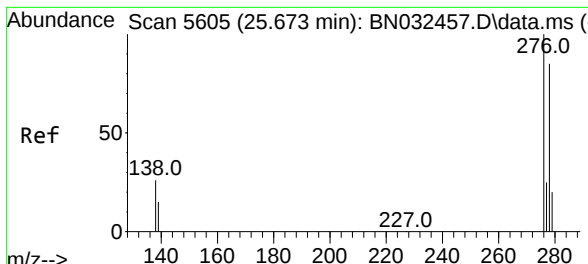
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.175 ng/ul m
RT: 25.656 min Scan# 5600
Delta R.T. -0.004 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

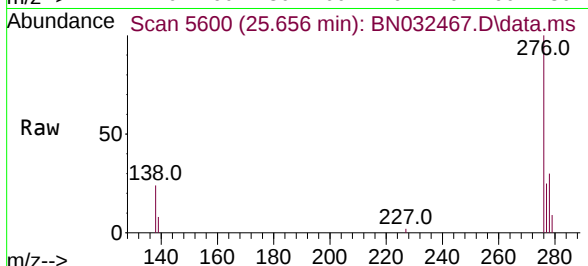
Tgt Ion:276 Resp: 117599
Ion Ratio Lower Upper
276 100
138 4.0 21.3 31.9#
227 0.1 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.568 ng/ul m
 RT: 25.656 min Scan# 5600
 Delta R.T. -0.010 min
 Lab File: BN032467.D
 Acq: 04 Jul 2024 10:21

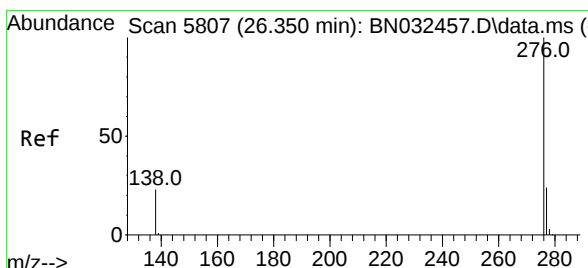
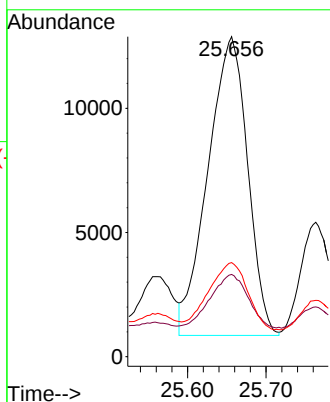
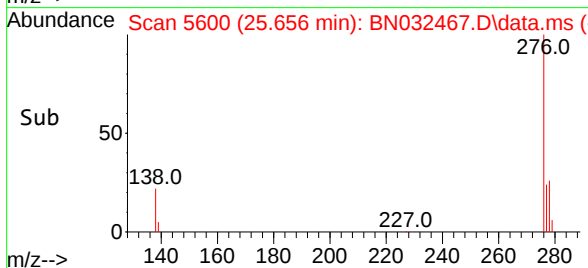
Instrument :
 BNA_N
 ClientSampleId :
 A4CT3



Tgt Ion:278 Resp: 4224
 Ion Ratio Lower Upper
 278 100
 139 25.7 15.9 23.9#
 279 29.4 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: 0.225 ng/ul m
 RT: 26.340 min Scan# 5804
 Delta R.T. -0.004 min
 Lab File: BN032467.D
 Acq: 04 Jul 2024 10:21

Tgt Ion:276 Resp: 17952
 Ion Ratio Lower Upper
 276 100
 138 35.3 19.8 29.6#
 277 33.7 19.8 29.6#

