

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035699.D
 Acq On : 19 Dec 2024 10:54
 Operator : RC/JU
 Sample : P5258-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 11:41:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8540	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6318	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	13319m	0.400	ng/ul	-0.01
17) Chrysene-d12	20.950	240	11413	0.400	ng/ul	-0.01
23) Perylene-d12	23.033	264	10892m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	15104	5.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	3914	0.322	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	7953	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.064	128	2127m	0.102	ng/ul	
7) 2-Methylnaphthalene	11.697	142	1278	0.091	ng/ul	100
8) 1-Methylnaphthalene	11.923	142	1121	0.077	ng/ul	100
10) Acenaphthylene	13.648	152	2553	0.104	ng/ul#	92
11) Acenaphthene	14.000	153	2413	0.130	ng/ul	99
12) Fluorene	15.004	166	2582	0.120	ng/ul#	97
15) Phenanthrene	16.747	178	48616	1.458	ng/ul	98
16) Anthracene	16.840	178	11721	0.376	ng/ul	99
19) Fluoranthene	18.791	202	96680	2.369	ng/ul	98
20) Pyrene	19.158	202	85119	1.893	ng/ul	99
21) Benzo(a)anthracene	20.935	228	44531	1.176	ng/ul	99
22) Chrysene	20.988	228	47699	1.214	ng/ul	97
24) Benzo(b)fluoranthene	22.425	252	62667m	1.952	ng/ul	
25) Benzo(k)fluoranthene	22.463	252	23447m	0.660	ng/ul	
26) Benzo(a)pyrene	22.946	252	44291m	1.425	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.057	276	31795m	0.840	ng/ul	
28) Dibenzo(a,h)anthracene	25.064	278	7553m	0.261	ng/ul	
29) Benzo(g,h,i)perylene	25.671	276	33537m	1.104	ng/ul	

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

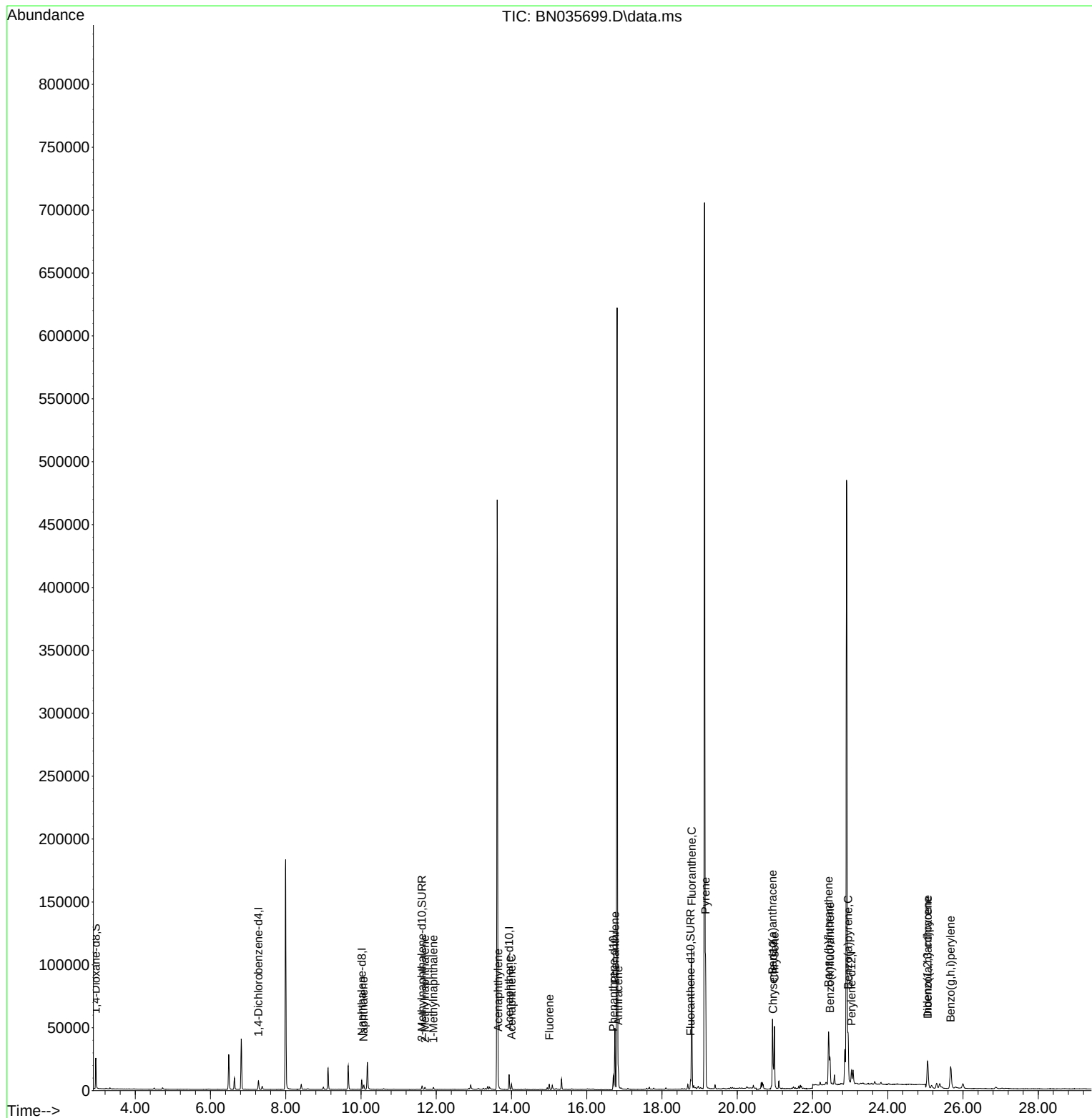
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035699.D
Acq On : 19 Dec 2024 10:54
Operator : RC/JU
Sample : P5258-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

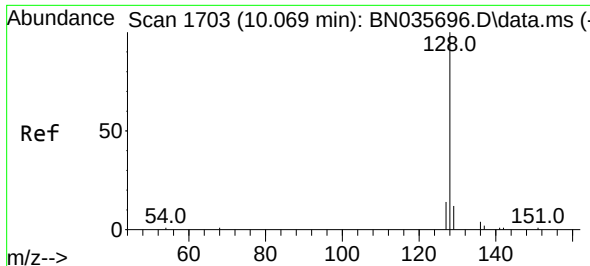
Instrument :
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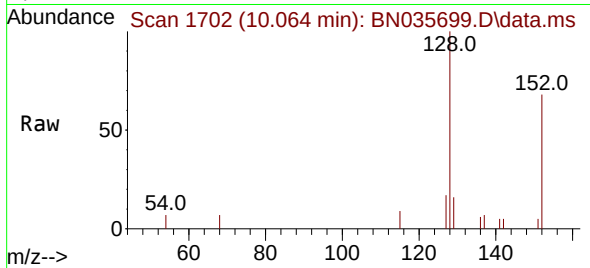
Quant Time: Dec 19 11:41:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul m
RT: 10.064 min Scan# 1702
Delta R.T. -0.016 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

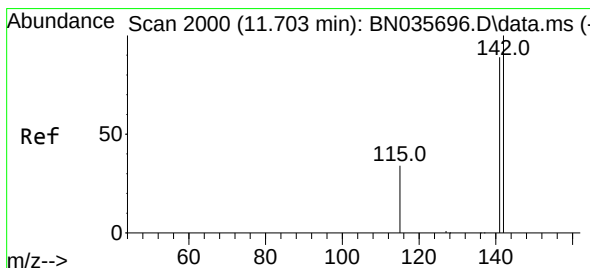
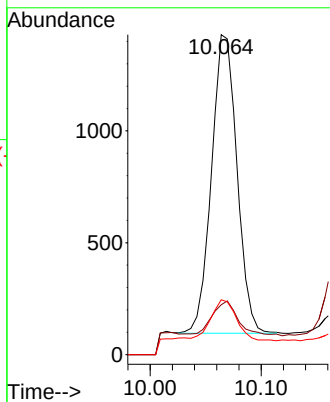
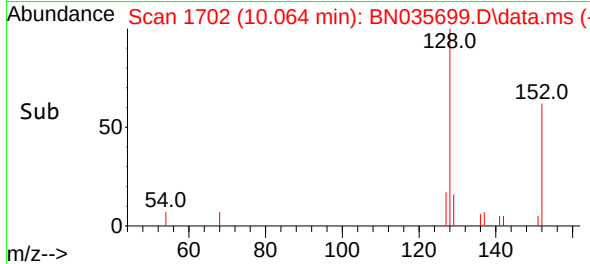
Instrument :
BNA_N
ClientSampleId :
E28X0



Tgt Ion:128 Resp: 212
Ion Ratio Lower Upper
128 100
129 15.6 10.8 16.2
127 17.1 12.0 18.0

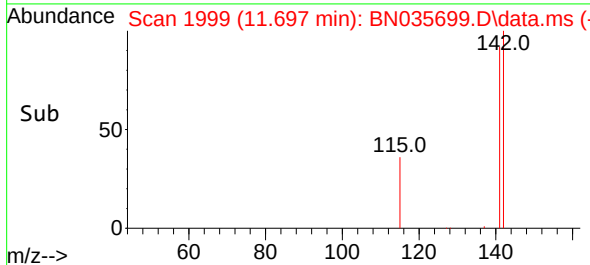
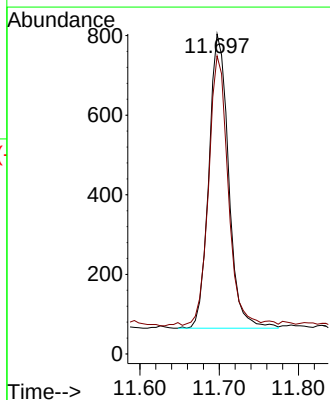
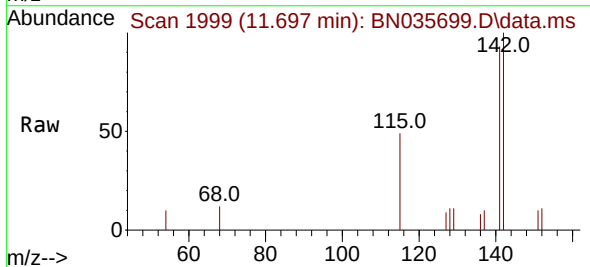
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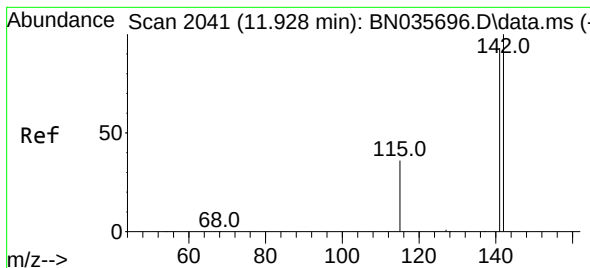
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Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 11.697 min Scan# 1999
Delta R.T. -0.016 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

Tgt Ion:142 Resp: 1278
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.077 ng/ul

RT: 11.923 min Scan# 2040

Delta R.T. -0.016 min

Lab File: BN035699.D

Acq: 19 Dec 2024 10:54

Instrument :

BNA_N

ClientSampleId :

E28X0

Tgt Ion:142 Resp: 112

Ion Ratio Lower Upper

142 100

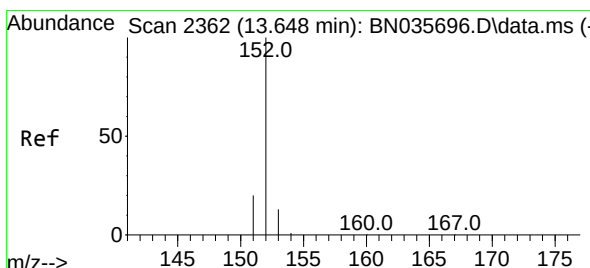
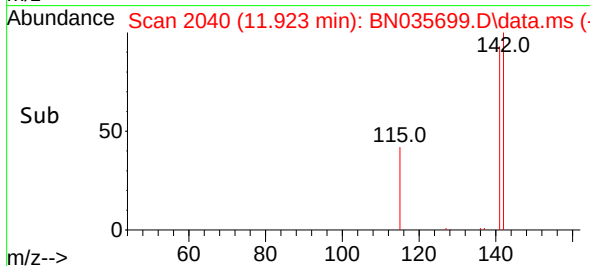
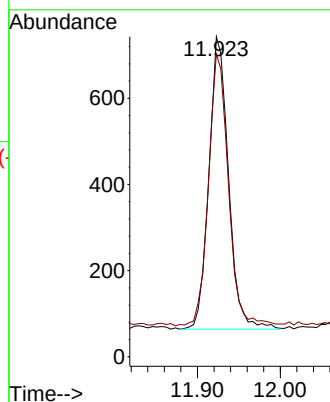
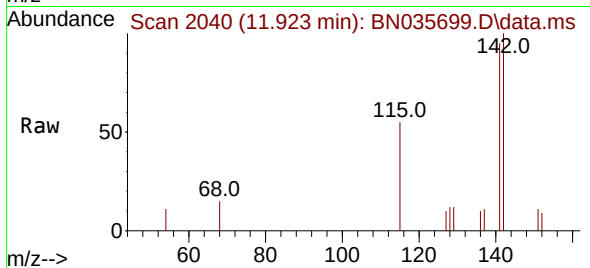
141 93.8 74.7 112.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.104 ng/ul

RT: 13.648 min Scan# 2362

Delta R.T. -0.014 min

Lab File: BN035699.D

Acq: 19 Dec 2024 10:54

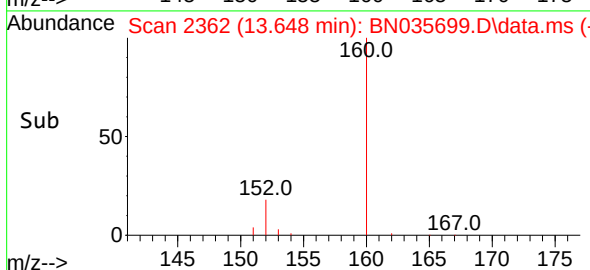
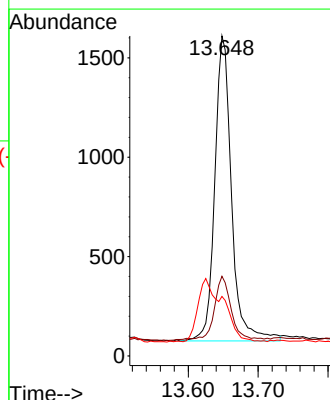
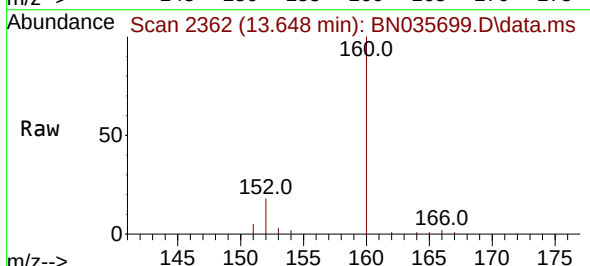
Tgt Ion:152 Resp: 2553

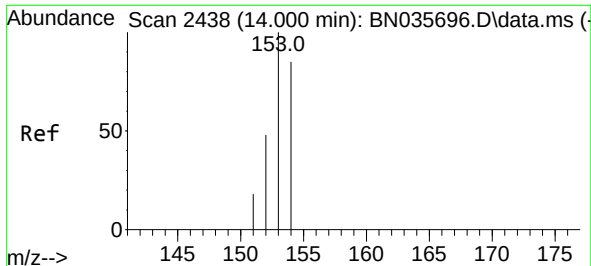
Ion Ratio Lower Upper

152 100

151 24.9 17.6 26.4

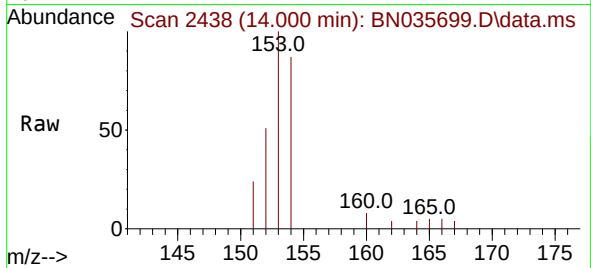
153 18.6 11.4 17.2#





#11
Acenaphthene
Concen: 0.130 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

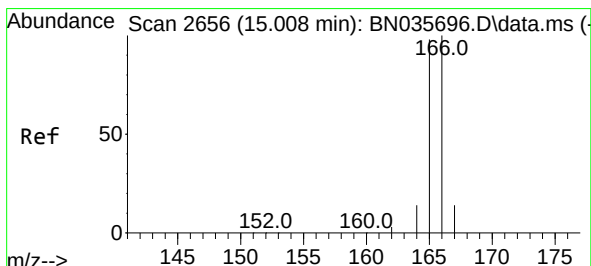
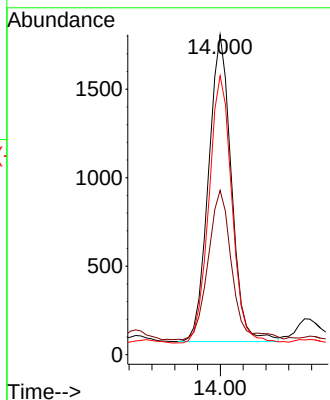
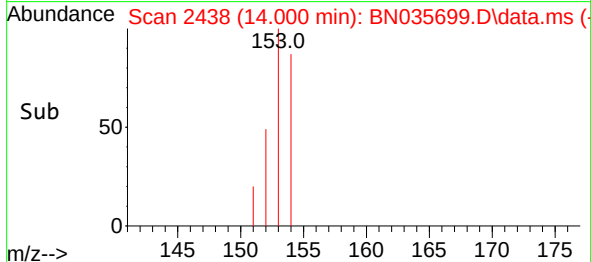
Instrument :
BNA_N
ClientSampleId :
E28X0



Tgt Ion:153 Resp: 2411
Ion Ratio Lower Upper
153 100
152 51.4 39.8 59.6
154 87.2 69.8 104.8

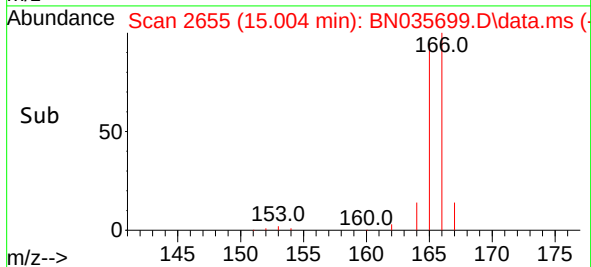
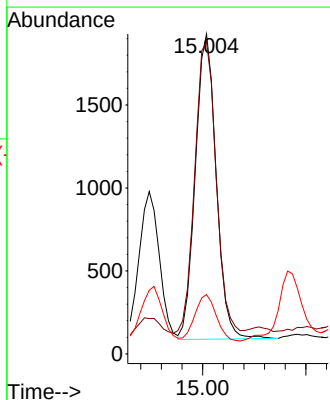
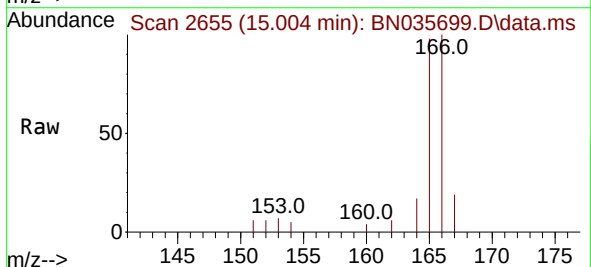
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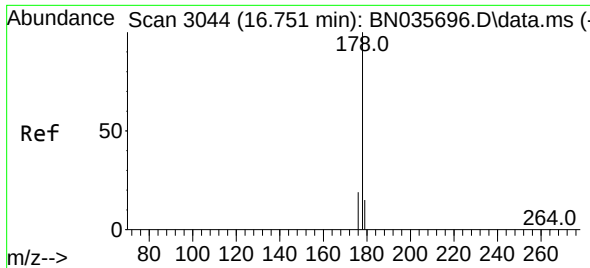
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.120 ng/ul
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

Tgt Ion:166 Resp: 2582
Ion Ratio Lower Upper
166 100
165 97.6 79.5 119.3
167 18.6 11.8 17.8#





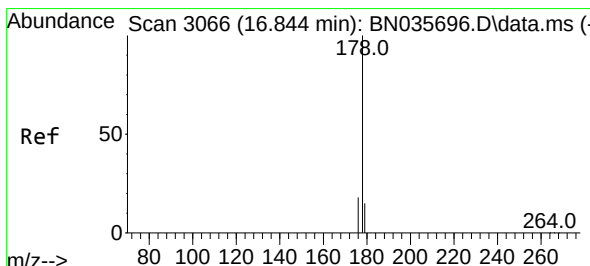
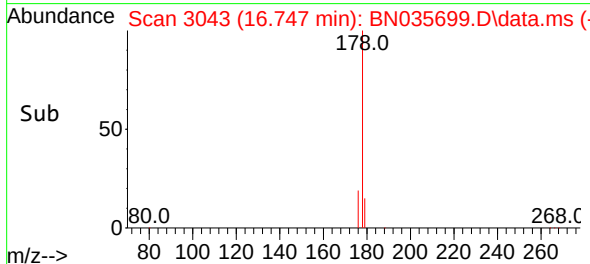
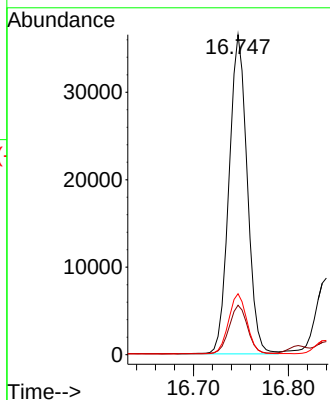
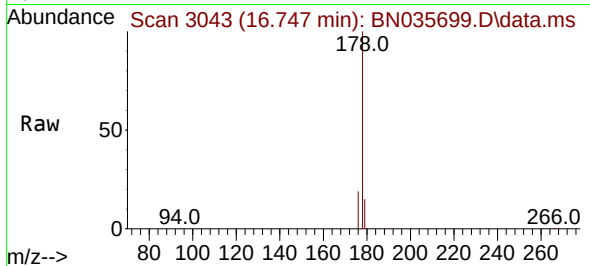
#15
Phenanthrene
Concen: 1.458 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.012 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

Instrument :
BNA_N
ClientSampleId :
E28X0

Tgt Ion:178 Resp: 48610
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.1 15.8 23.8

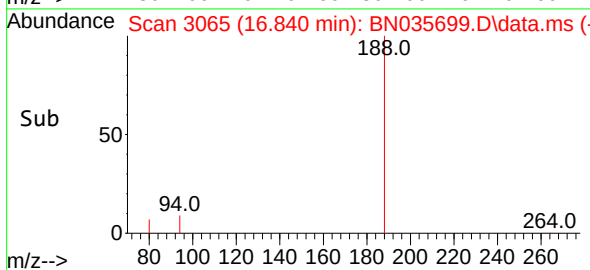
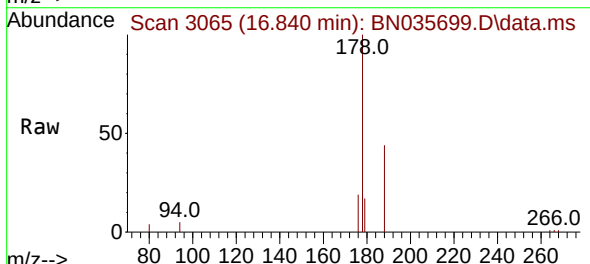
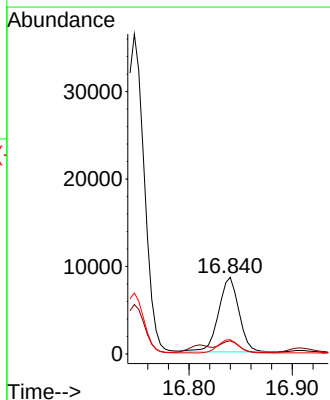
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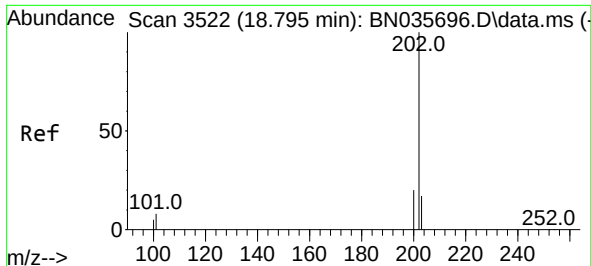
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#16
Anthracene
Concen: 0.376 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

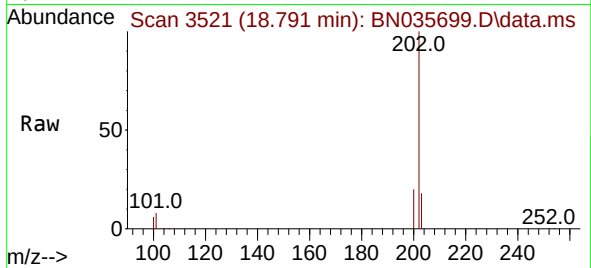
Tgt Ion:178 Resp: 11721
Ion Ratio Lower Upper
178 100
179 17.2 13.4 20.0
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 2.369 ng/ul
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

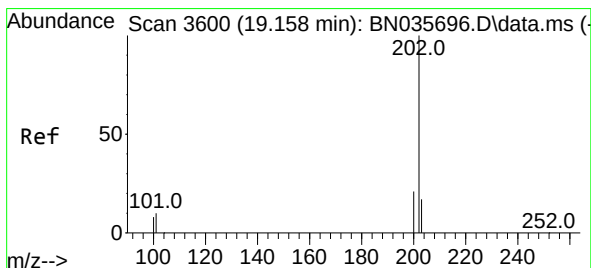
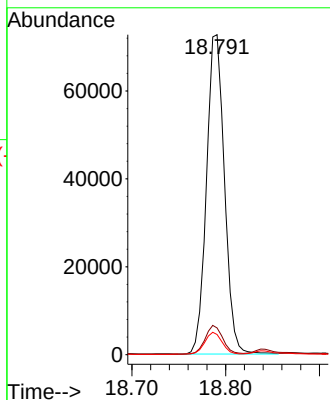
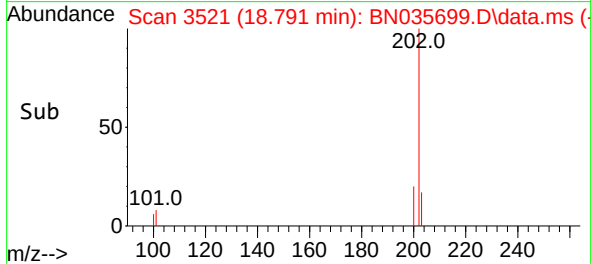
Instrument :
BNA_N
ClientSampleId :
E28X0



Tgt Ion:202 Resp: 96680
Ion Ratio Lower Upper
202 100
101 8.3 7.3 10.9
100 6.3 5.4 8.0

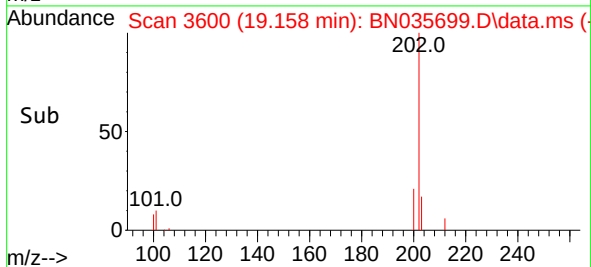
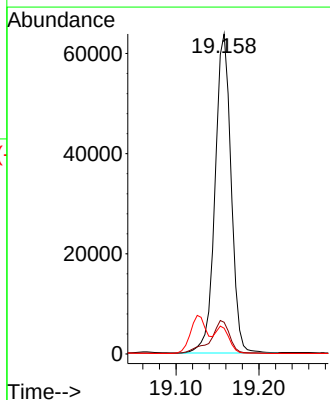
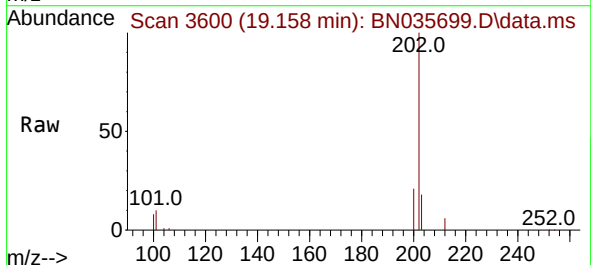
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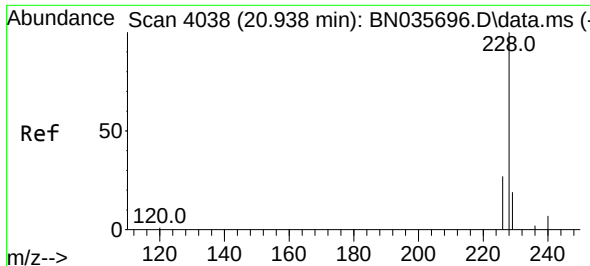
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 1.893 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

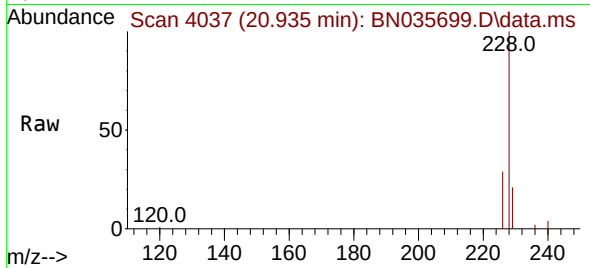
Tgt Ion:202 Resp: 85119
Ion Ratio Lower Upper
202 100
101 9.9 8.5 12.7
100 8.1 6.5 9.7





#21
Benzo(a)anthracene
Concen: 1.176 ng/ul
RT: 20.935 min Scan# 4037
Delta R.T. -0.014 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

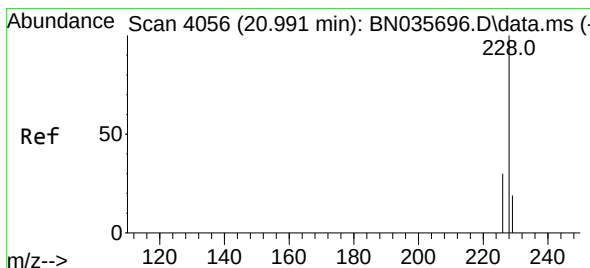
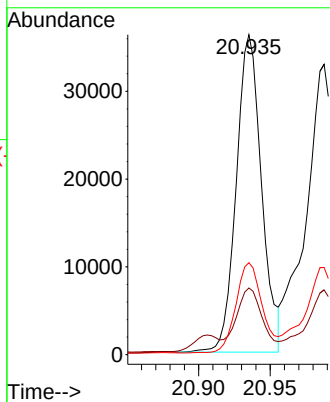
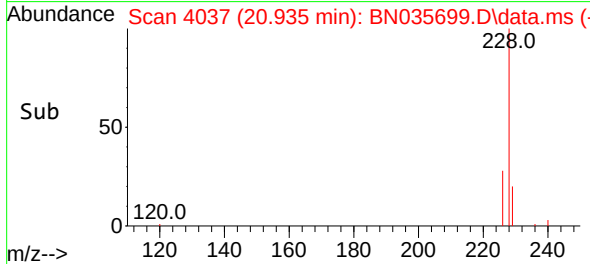
Instrument :
BNA_N
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E28X0



Tgt Ion:228 Resp: 4453
Ion Ratio Lower Upper
228 100
229 20.8 16.6 25.0
226 28.8 22.5 33.7

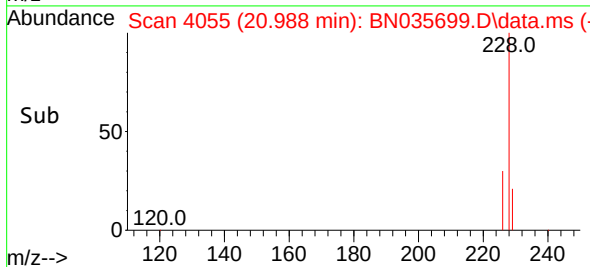
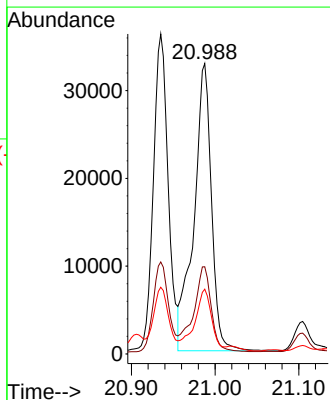
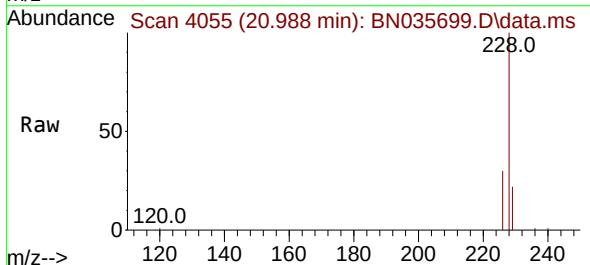
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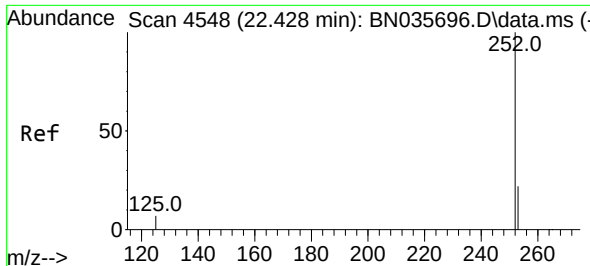
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.214 ng/ul
RT: 20.988 min Scan# 4055
Delta R.T. -0.011 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

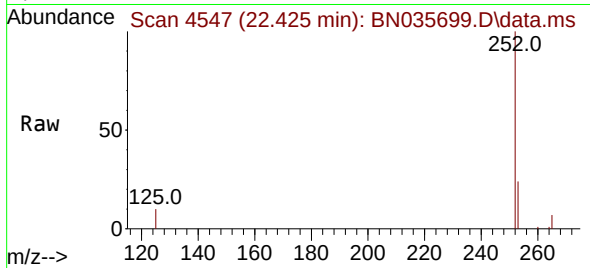
Tgt Ion:228 Resp: 47699
Ion Ratio Lower Upper
228 100
226 30.0 25.1 37.7
229 22.3 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 1.952 ng/ul m
RT: 22.425 min Scan# 4547
Delta R.T. -0.017 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

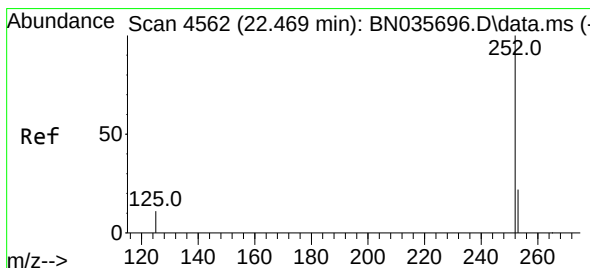
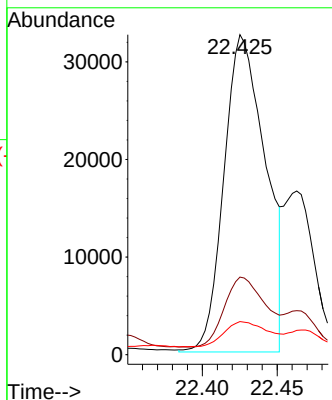
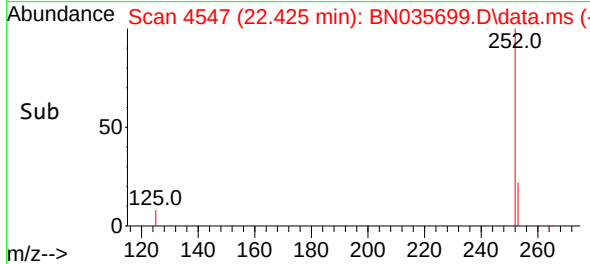
Instrument :
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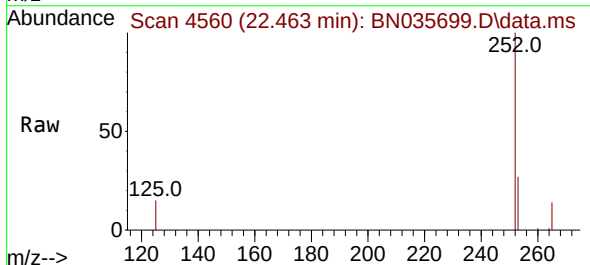
Tgt Ion:252 Resp: 6266
Ion Ratio Lower Upper
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253 24.3 0.0 56.4
125 10.3 0.0 37.6

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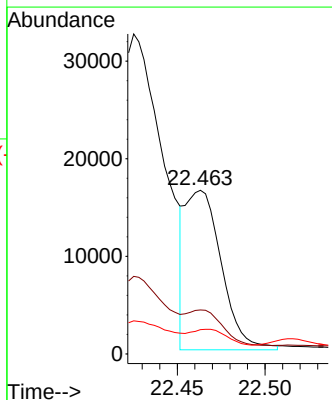
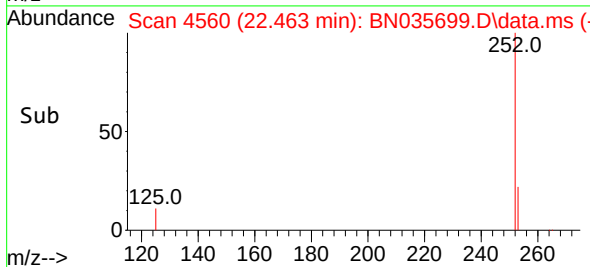
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

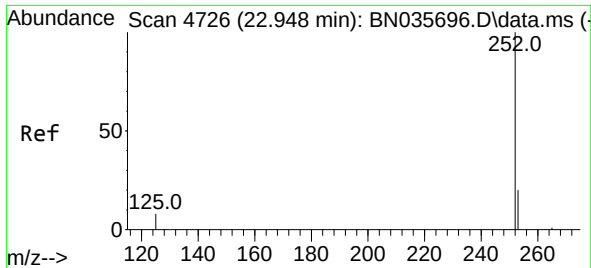


#25
Benzo(k)fluoranthene
Concen: 0.660 ng/ul m
RT: 22.463 min Scan# 4560
Delta R.T. -0.017 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54



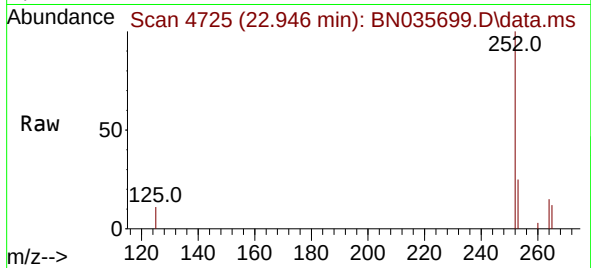
Tgt Ion:252 Resp: 23447
Ion Ratio Lower Upper
252 100
253 26.9 22.1 33.1
125 14.9 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 1.425 ng/ul m
RT: 22.946 min Scan# 4725
Delta R.T. -0.017 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

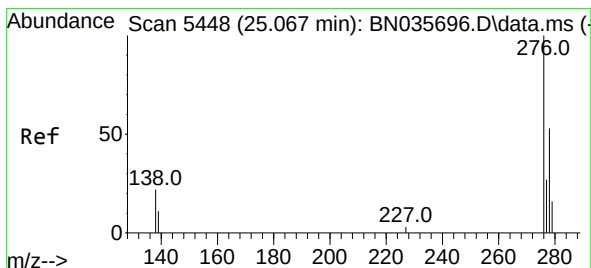
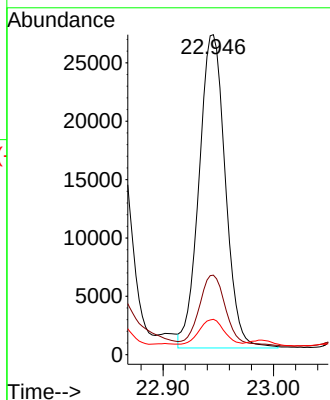
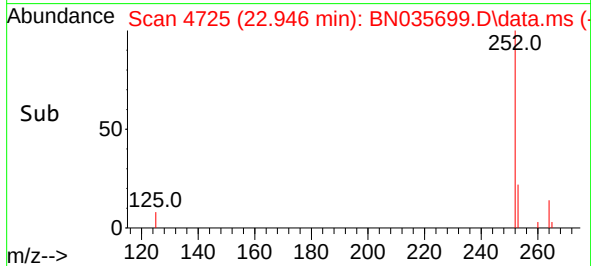
Instrument :
BNA_N
ClientSampleId :
E28X0



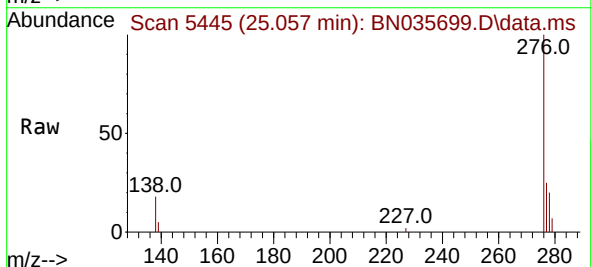
Tgt Ion:252 Resp: 4429
Ion Ratio Lower Upper
252 100
253 24.8 24.1 36.1
125 11.1 19.1 28.7

Manual Integrations
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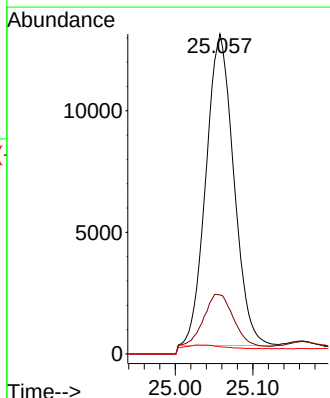
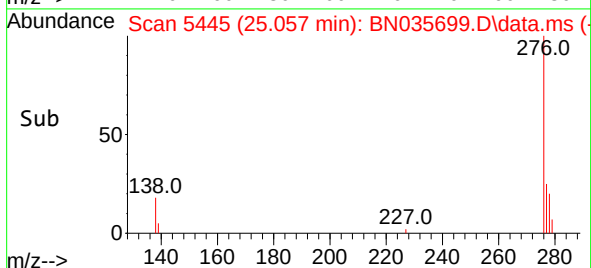
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

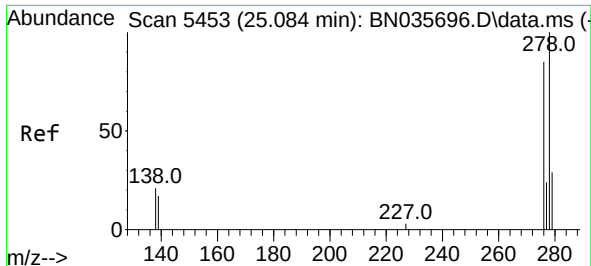


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.840 ng/ul m
RT: 25.057 min Scan# 5445
Delta R.T. -0.023 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54



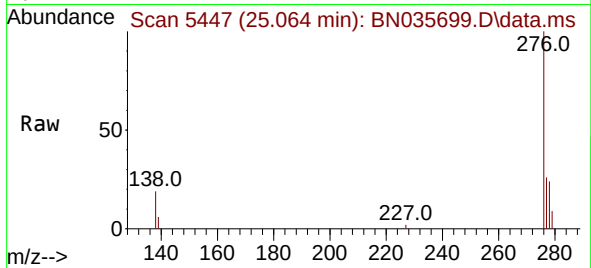
Tgt Ion:276 Resp: 31795
Ion Ratio Lower Upper
276 100
138 23.7 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul m
RT: 25.064 min Scan# 54
Delta R.T. -0.037 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54

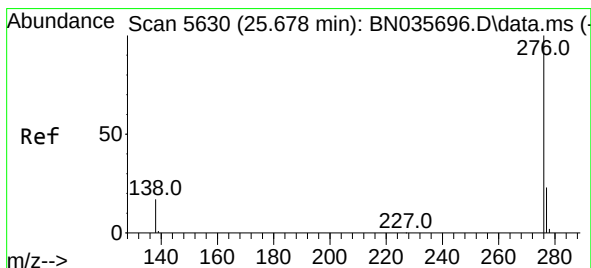
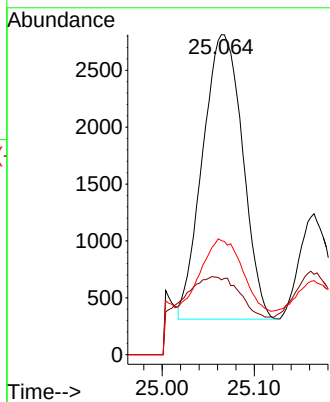
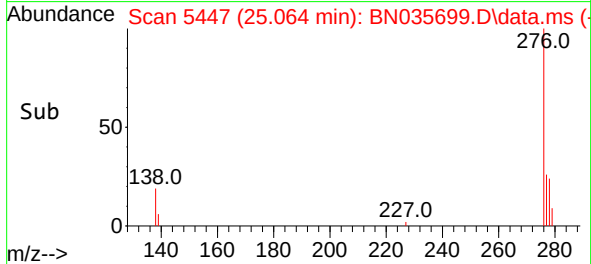
Instrument :
BNA_N
ClientSampleId :
E28X0



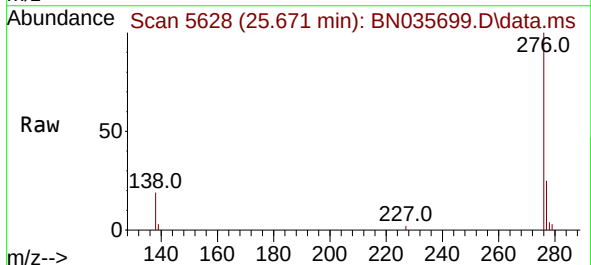
Tgt Ion:278 Resp: 755
Ion Ratio Lower Upper
278 100
139 23.4 19.8 29.8
279 35.7 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 1.104 ng/ul m
RT: 25.671 min Scan# 5628
Delta R.T. -0.027 min
Lab File: BN035699.D
Acq: 19 Dec 2024 10:54



Tgt Ion:276 Resp: 33537
Ion Ratio Lower Upper
276 100
138 19.3 19.6 29.4#
277 25.1 21.6 32.4

