

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035703.D
 Acq On : 19 Dec 2024 13:17
 Operator : RC/JU
 Sample : P5258-07DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 13:49:27 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	3513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	9103	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	6291	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.705	188	12272	0.400	ng/ul	-0.01
17) Chrysene-d12	20.955	240	10735	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	11733	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2538	0.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	638	0.049	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1286	0.041	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.069	128	687m	0.031	ng/ul	
7) 2-Methylnaphthalene	11.697	142	468	0.031	ng/ul	97
8) 1-Methylnaphthalene	11.928	142	421	0.027	ng/ul	99
10) Acenaphthylene	13.653	152	1617	0.066	ng/ul#	90
11) Acenaphthene	14.000	153	1922	0.104	ng/ul	98
12) Fluorene	15.004	166	2081	0.097	ng/ul#	98
15) Phenanthrene	16.747	178	41277	1.344	ng/ul	98
16) Anthracene	16.840	178	8731	0.304	ng/ul	99
19) Fluoranthene	18.791	202	88421	2.303	ng/ul	99
20) Pyrene	19.158	202	63695	1.506	ng/ul	99
21) Benzo(a)anthracene	20.938	228	39448	1.108	ng/ul	100
22) Chrysene	20.990	228	38029	1.029	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	48554m	1.404	ng/ul	
25) Benzo(k)fluoranthene	22.466	252	18500m	0.484	ng/ul	
26) Benzo(a)pyrene	22.948	252	20963m	0.626	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.061	276	18883	0.463	ng/ul#	61
28) Dibenzo(a,h)anthracene	25.077	278	5362m	0.172	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	2631	0.080	ng/ul#	74

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

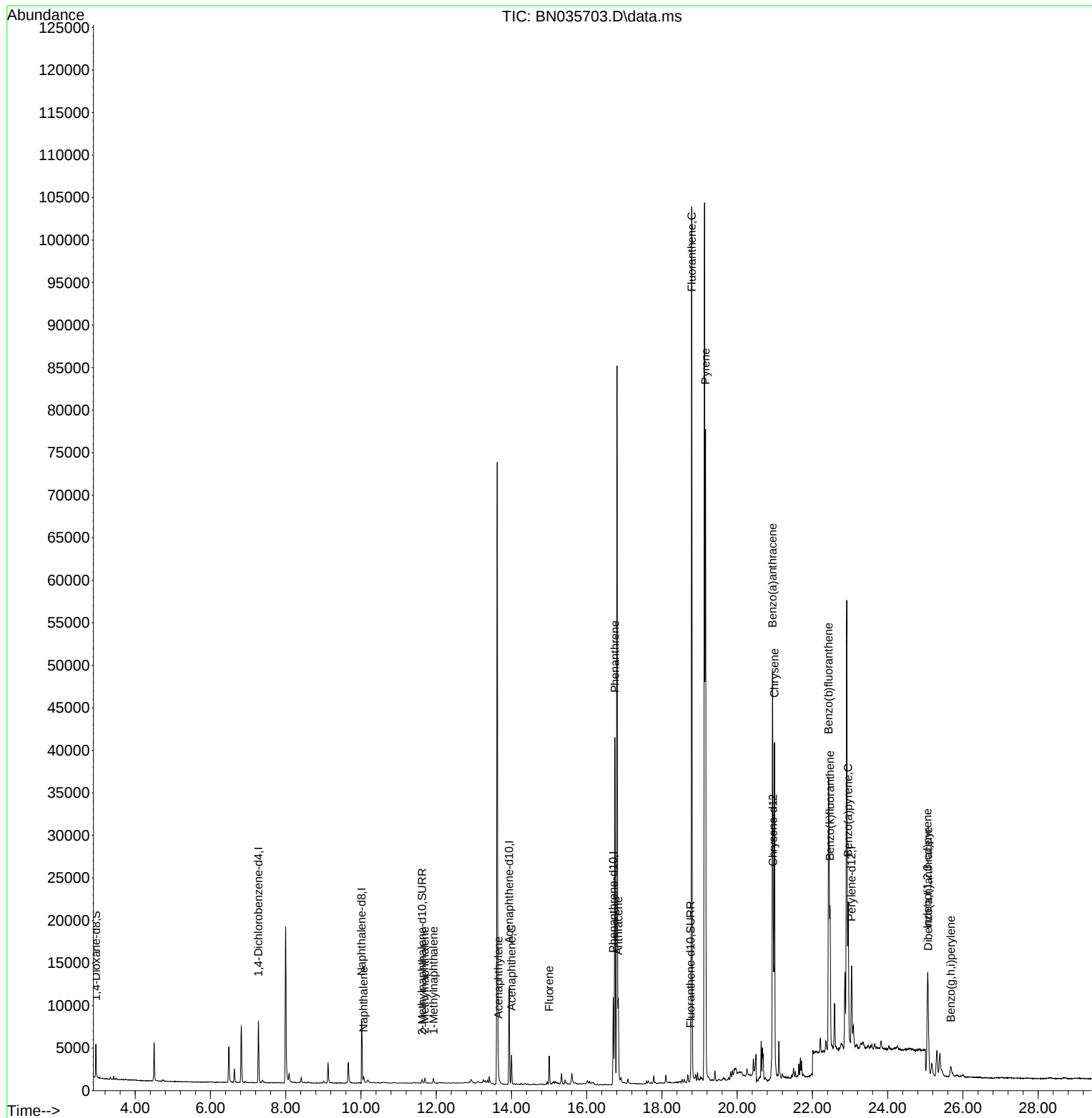
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035703.D
Acq On : 19 Dec 2024 13:17
Operator : RC/JU
Sample : P5258-07DL 5X
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ALS Vial : 44 Sample Multiplier: 1

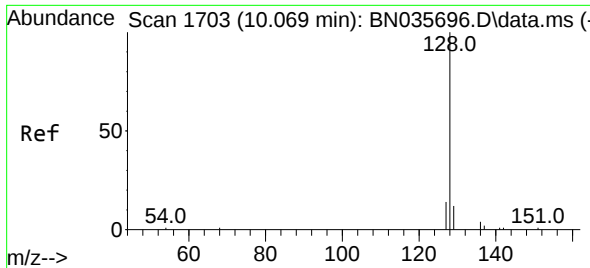
Instrument :
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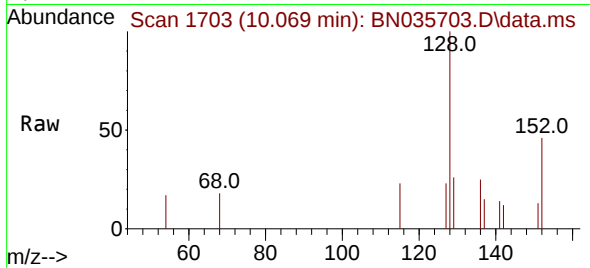
Quant Time: Dec 19 13:49:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul m
RT: 10.069 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

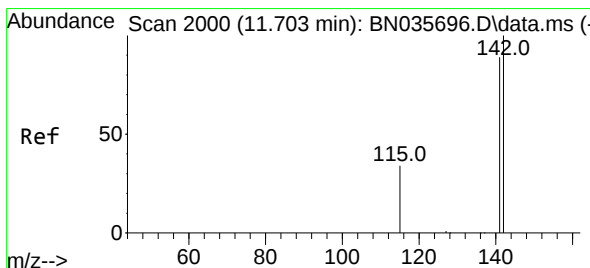
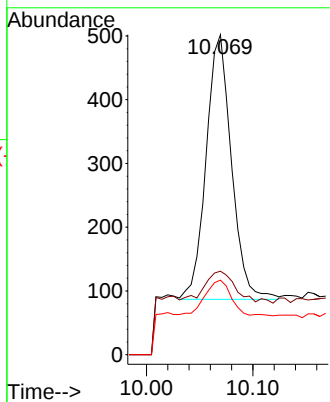
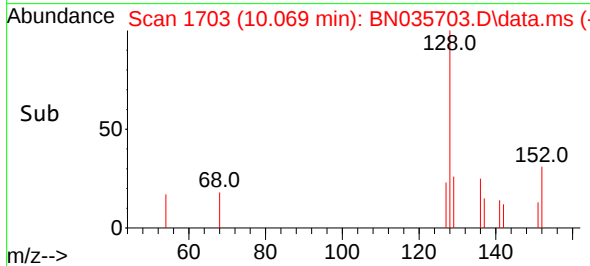
Instrument :
BNA_N
ClientSampleId :
E28X1DL



Tgt Ion:128 Resp: 68
Ion Ratio Lower Upper
128 100
129 26.1 10.8 16.2
127 23.3 12.0 18.0

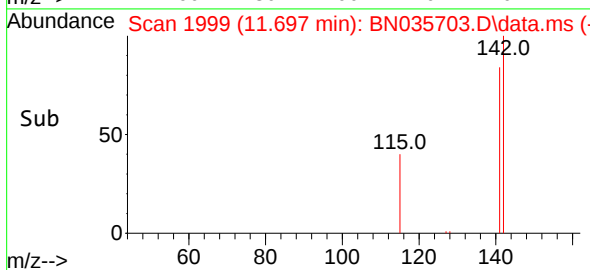
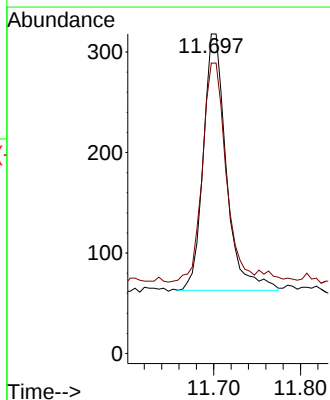
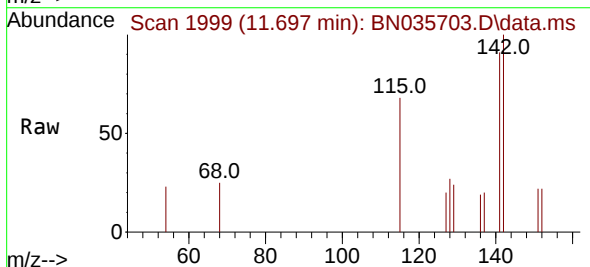
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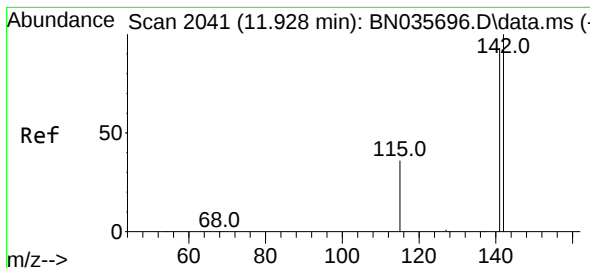
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.697 min Scan# 1999
Delta R.T. -0.016 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 87.8 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 11.928 min Scan# 2041

Delta R.T. -0.011 min

Lab File: BN035703.D

Acq: 19 Dec 2024 13:17

Instrument :

BNA_N

ClientSampleId :

E28X1DL

Tgt Ion:142 Resp: 42

Ion Ratio Lower Upper

142 100

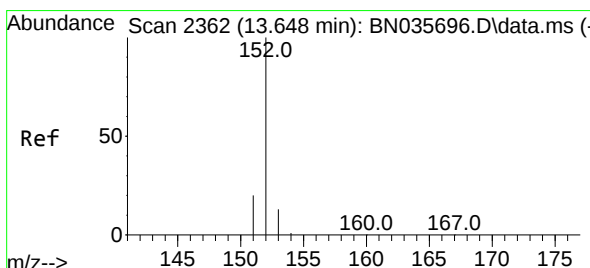
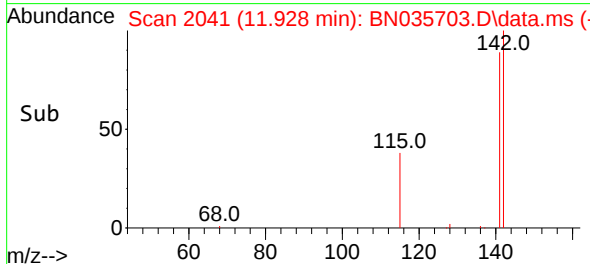
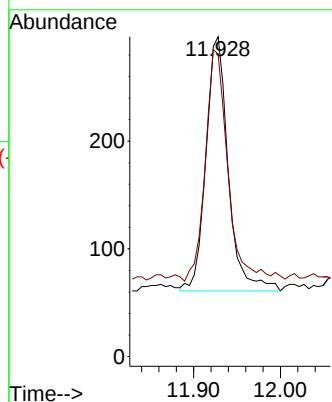
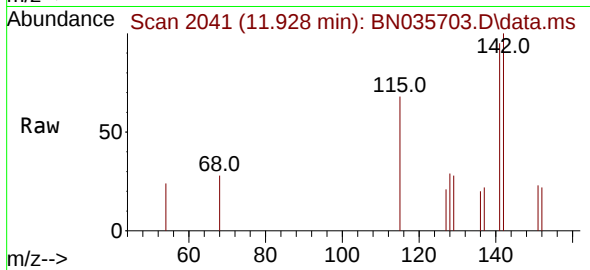
141 92.2 74.7 112.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.066 ng/ul

RT: 13.653 min Scan# 2363

Delta R.T. -0.009 min

Lab File: BN035703.D

Acq: 19 Dec 2024 13:17

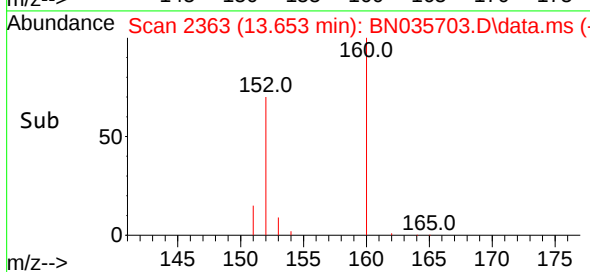
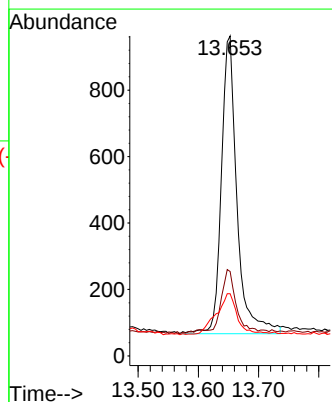
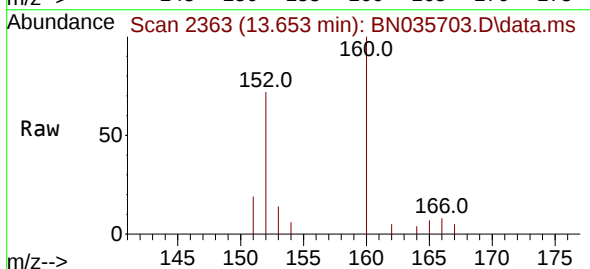
Tgt Ion:152 Resp: 1617

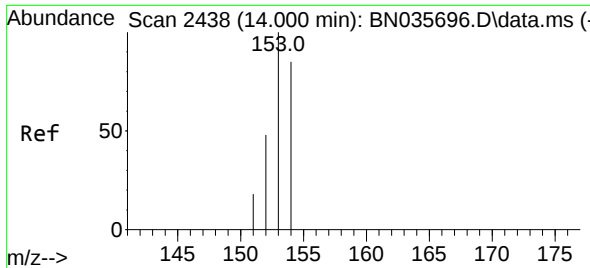
Ion Ratio Lower Upper

152 100

151 26.4 17.6 26.4

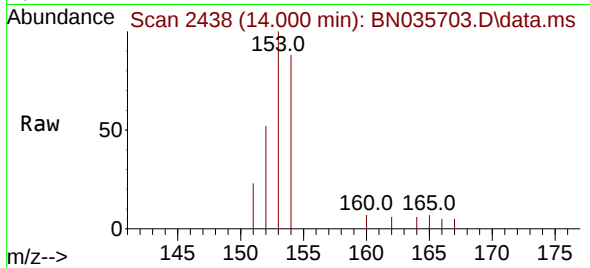
153 19.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

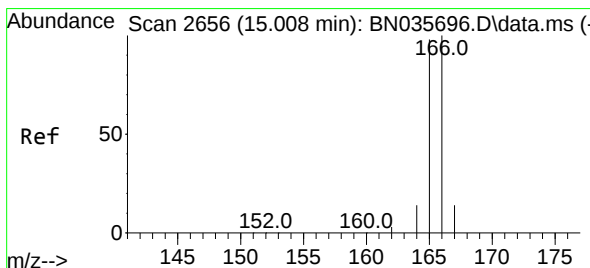
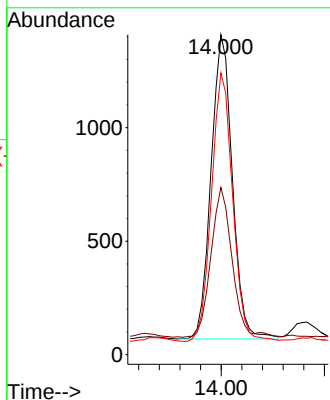
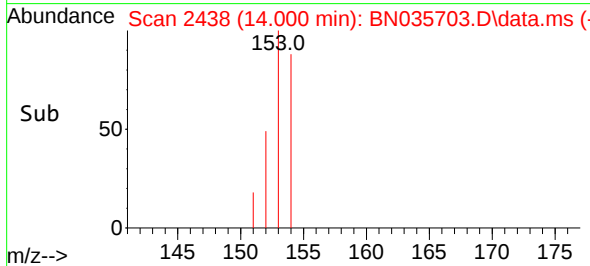
Instrument :
BNA_N
ClientSampleId :
E28X1DL



Tgt Ion:153 Resp: 192
Ion Ratio Lower Upper
153 100
152 52.2 39.8 59.6
154 88.1 69.8 104.8

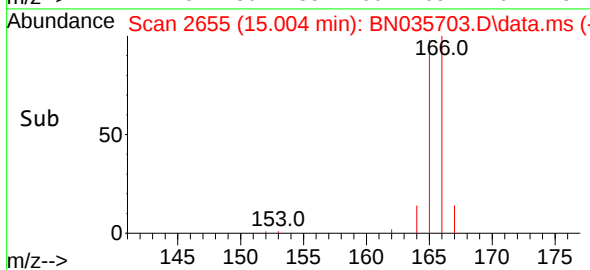
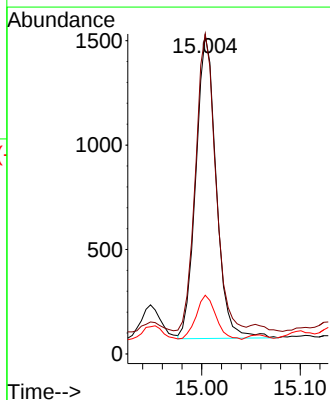
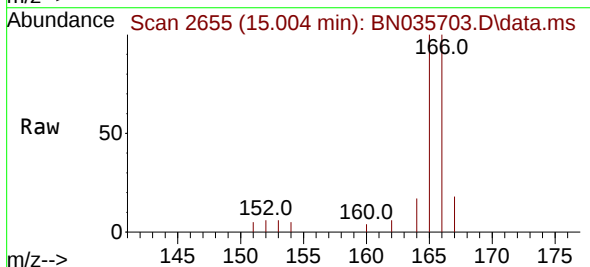
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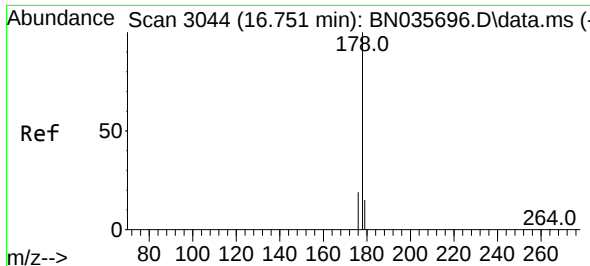
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

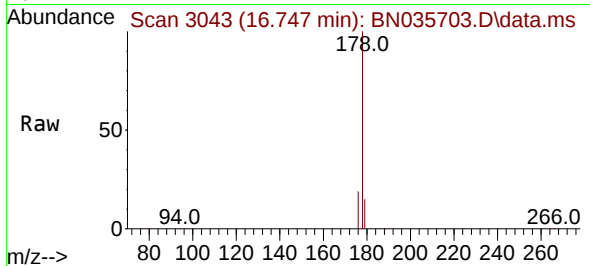
Tgt Ion:166 Resp: 2081
Ion Ratio Lower Upper
166 100
165 100.3 79.5 119.3
167 18.4 11.8 17.8#





#15
Phenanthrene
Concen: 1.344 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.013 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

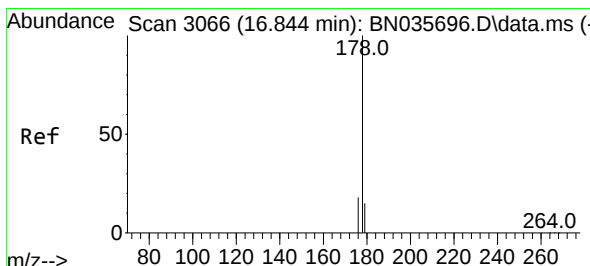
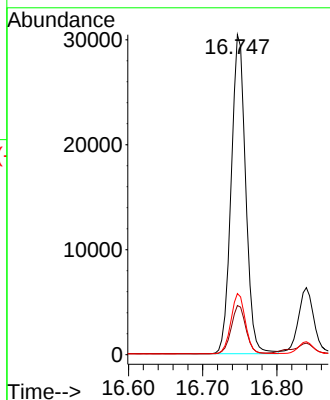
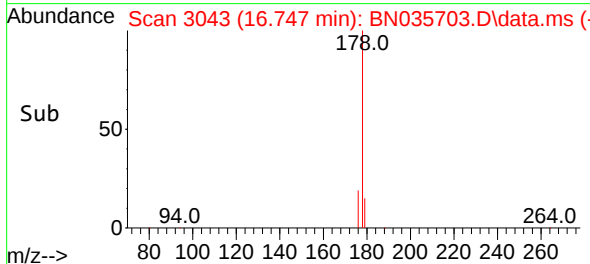
Instrument :
BNA_N
ClientSampleId :
E28X1DL



Tgt Ion:178 Resp: 4127
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 15.8 23.8

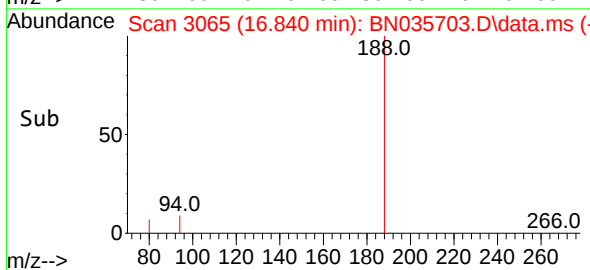
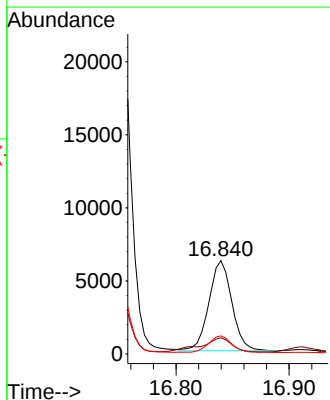
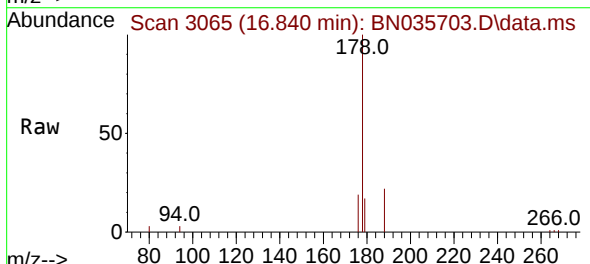
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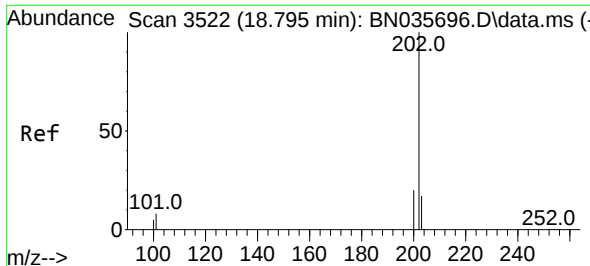
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.304 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

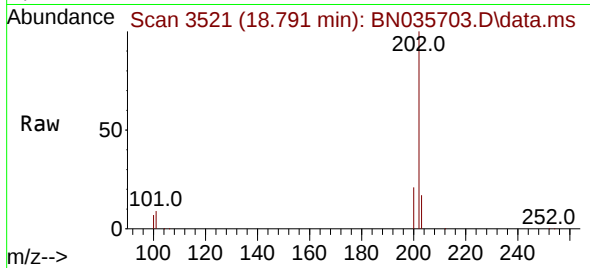
Tgt Ion:178 Resp: 8731
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.0
176 19.4 15.4 23.0





#19
Fluoranthene
Concen: 2.303 ng/u1
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

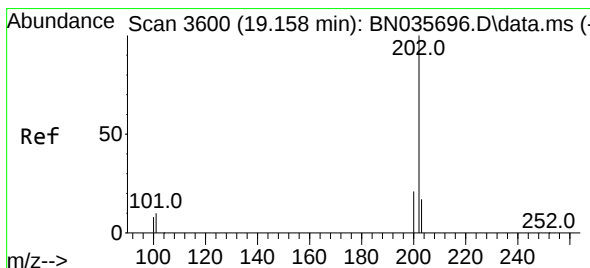
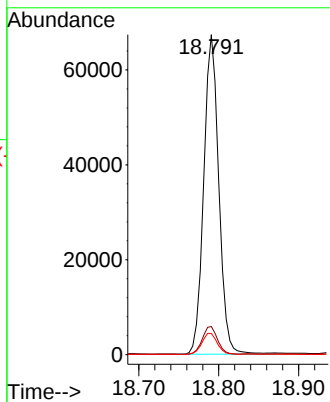
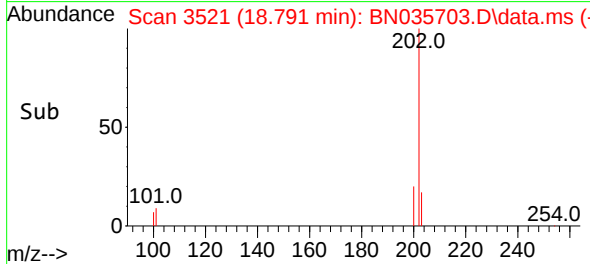
Instrument :
BNA_N
ClientSampleId :
E28X1DL



Tgt Ion:202 Resp: 8842
Ion Ratio Lower Upper
202 100
101 8.8 7.3 10.9
100 6.7 5.4 8.0

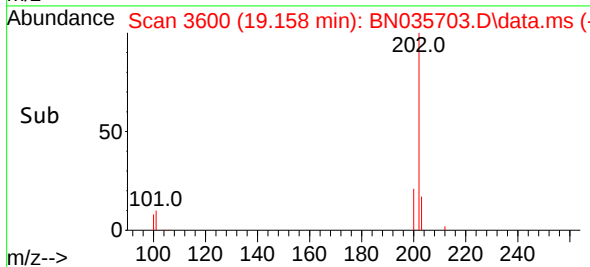
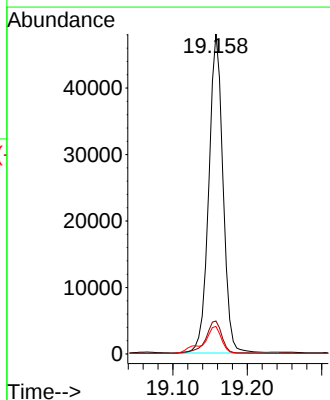
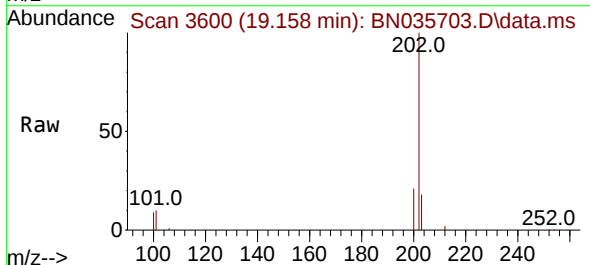
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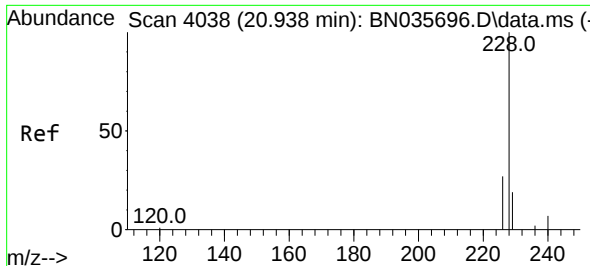
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 1.506 ng/u1
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

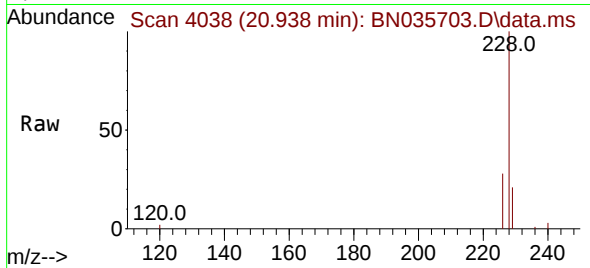
Tgt Ion:202 Resp: 63695
Ion Ratio Lower Upper
202 100
101 10.3 8.5 12.7
100 8.6 6.5 9.7





#21
Benzo(a)anthracene
Concen: 1.108 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.012 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

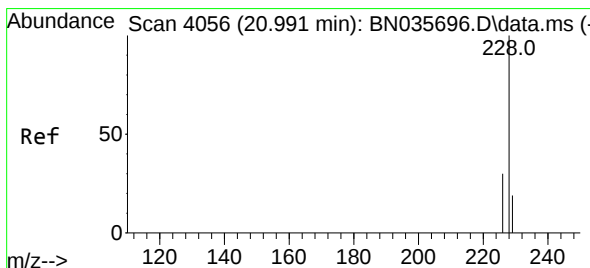
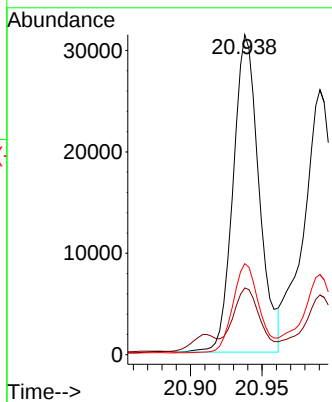
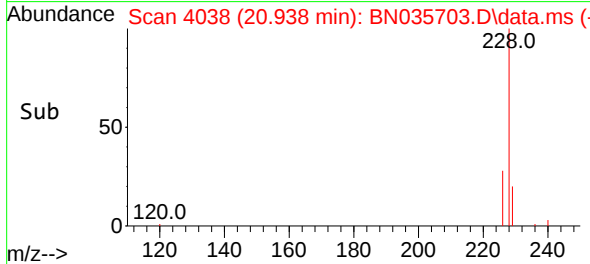
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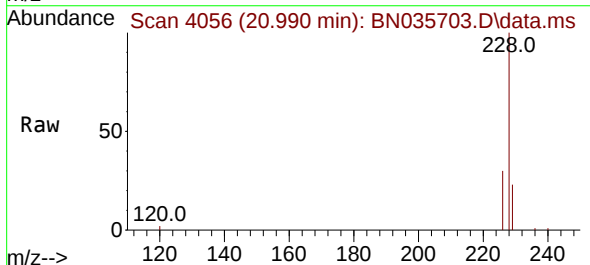
Tgt Ion:228 Resp: 39448
Ion Ratio Lower Upper
228 100
229 20.8 16.6 25.0
226 28.5 22.5 33.7

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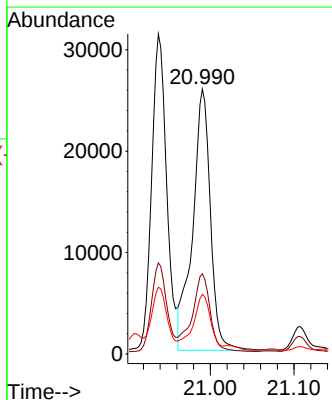
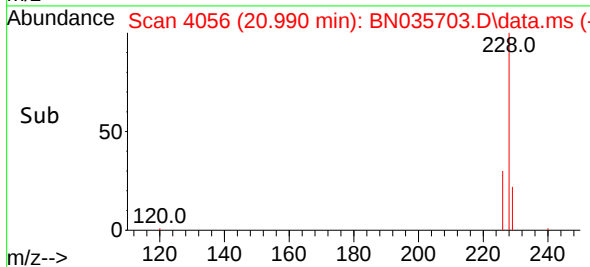
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

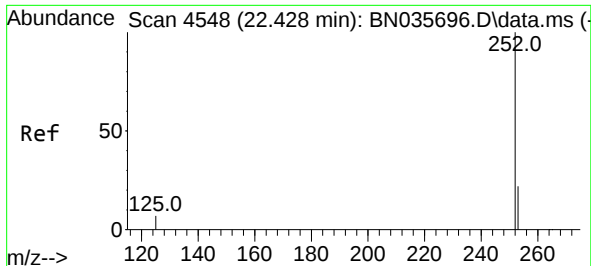


#22
Chrysene
Concen: 1.029 ng/ul
RT: 20.990 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17



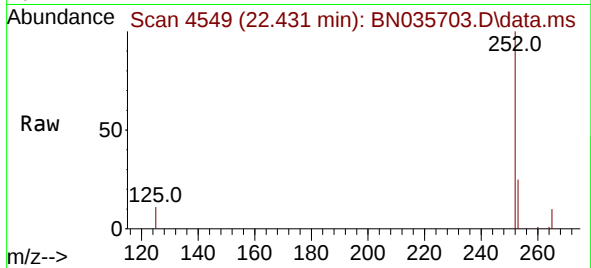
Tgt Ion:228 Resp: 38029
Ion Ratio Lower Upper
228 100
226 30.2 25.1 37.7
229 22.5 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 1.404 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.012 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

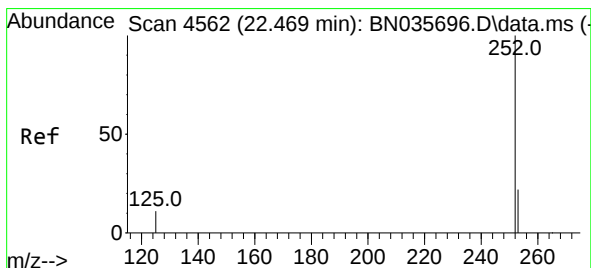
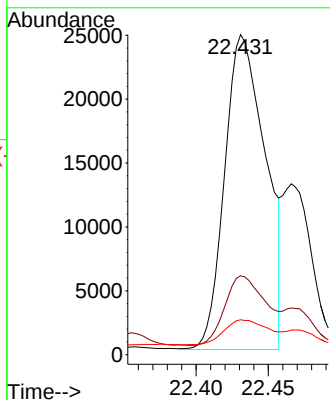
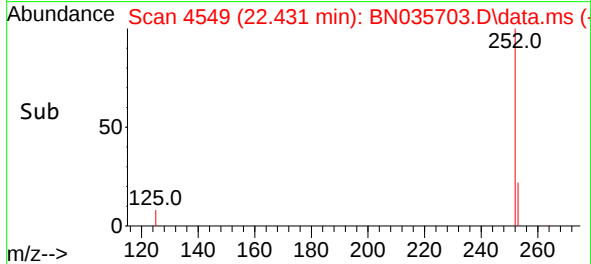
Instrument :
BNA_N
ClientSampleId :
E28X1DL



Tgt Ion:252 Resp: 48554
Ion Ratio Lower Upper
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253 24.7 0.0 56.4
125 10.9 0.0 37.6

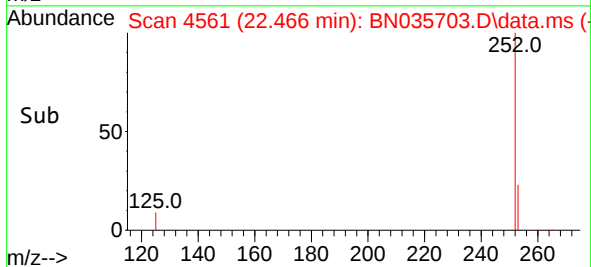
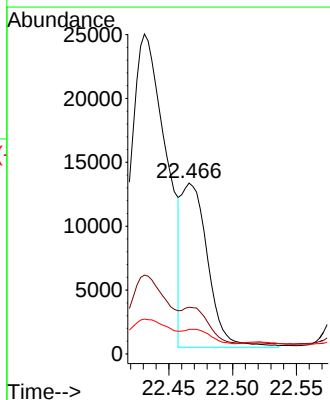
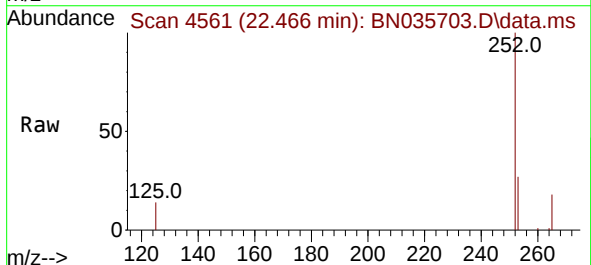
Manual Integrations
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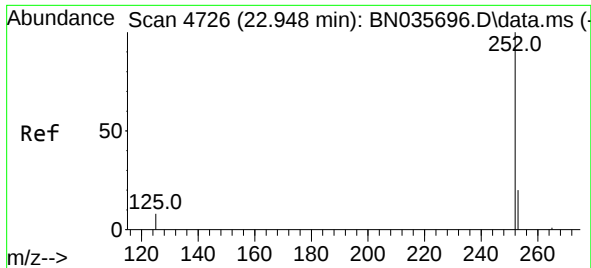
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.484 ng/ul m
RT: 22.466 min Scan# 4561
Delta R.T. -0.015 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

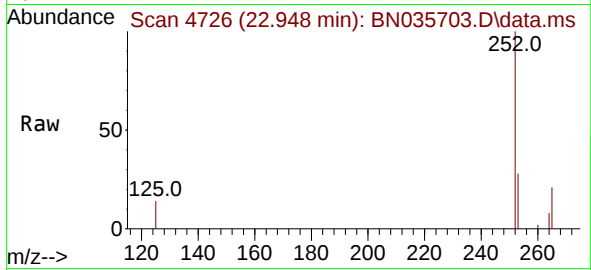
Tgt Ion:252 Resp: 18500
Ion Ratio Lower Upper
252 100
253 27.4 22.1 33.1
125 14.5 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.626 ng/ul m
RT: 22.948 min Scan# 4726
Delta R.T. -0.015 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

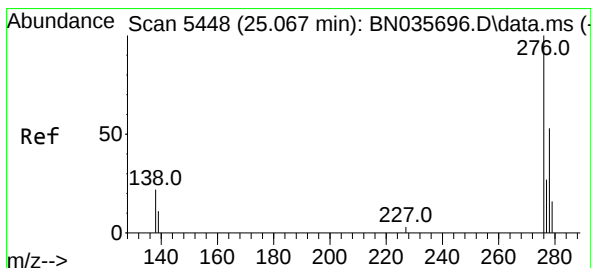
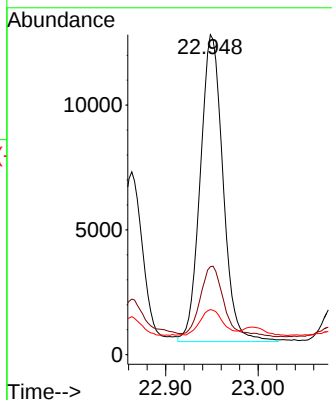
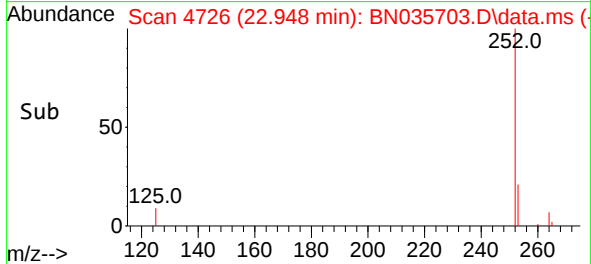
Instrument :
BNA_N
ClientSampleId :
E28X1DL



Tgt Ion:252 Resp: 2096
Ion Ratio Lower Upper
252 100
253 27.5 24.1 36.1
125 14.1 19.1 28.7

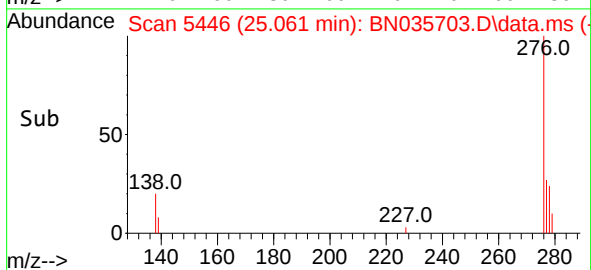
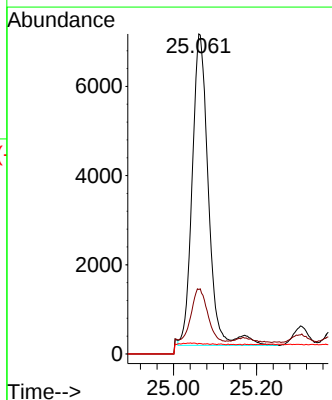
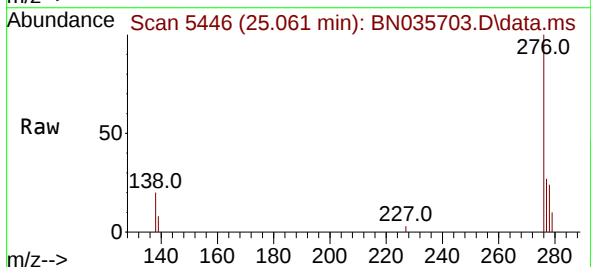
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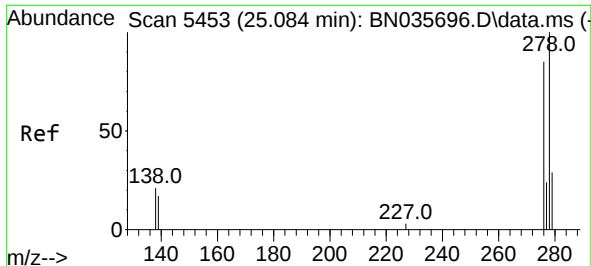
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 25.061 min Scan# 5446
Delta R.T. -0.020 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

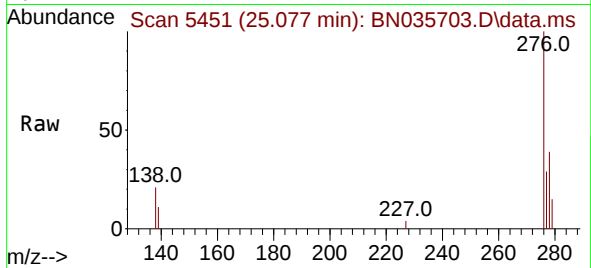
Tgt Ion:276 Resp: 18883
Ion Ratio Lower Upper
276 100
138 27.3 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul m
RT: 25.077 min Scan# 5453
Delta R.T. -0.023 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

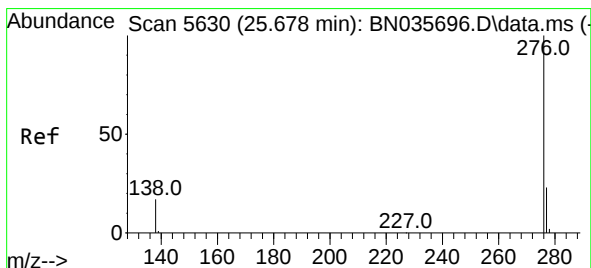
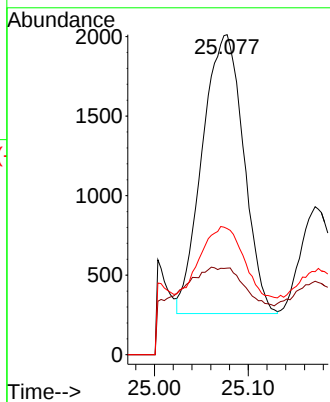
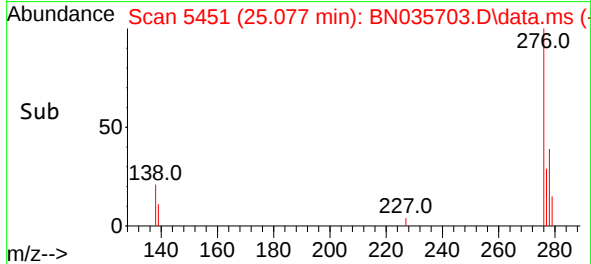
Instrument :
BNA_N
ClientSampleId :
E28X1DL



Tgt Ion:278 Resp: 5362
Ion Ratio Lower Upper
278 100
139 27.1 19.8 29.8
279 39.4 24.0 36.0

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



#29
Benzo(g,h,i)perylene
Concen: 0.080 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035703.D
Acq: 19 Dec 2024 13:17

Tgt Ion:276 Resp: 2631
Ion Ratio Lower Upper
276 100
138 37.3 19.6 29.4#
277 40.4 21.6 32.4#

