

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035704.D
 Acq On : 19 Dec 2024 13:53
 Operator : RC/JU
 Sample : P5258-08DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X2DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 14:28:40 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	3208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8534	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6265	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	13199	0.400	ng/ul	-0.01
17) Chrysene-d12	20.956	240	12268	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	12282m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	3074	1.081	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	706	0.058	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1424	0.040	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.069	128	786m	0.038	ng/ul	
7) 2-Methylnaphthalene	11.703	142	559	0.040	ng/ul	100
8) 1-Methylnaphthalene	11.923	142	455	0.031	ng/ul	95
10) Acenaphthylene	13.648	152	1903	0.078	ng/ul#	92
11) Acenaphthene	14.000	153	1741	0.095	ng/ul	97
12) Fluorene	15.004	166	1904	0.089	ng/ul#	98
15) Phenanthrene	16.747	178	42023	1.272	ng/ul	98
16) Anthracene	16.840	178	9557	0.309	ng/ul	99
19) Fluoranthene	18.791	202	103829	2.366	ng/ul	100
20) Pyrene	19.158	202	75956	1.571	ng/ul	99
21) Benzo(a)anthracene	20.938	228	49132	1.207	ng/ul	99
22) Chrysene	20.991	228	46544	1.102	ng/ul	98
24) Benzo(b)fluoranthene	22.434	252	61746m	1.706	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	22923m	0.573	ng/ul	
26) Benzo(a)pyrene	22.948	252	25063	0.715	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.064	276	21101m	0.494	ng/ul	
28) Dibenzo(a,h)anthracene	25.071	278	6683m	0.205	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	3144	0.092	ng/ul#	80

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

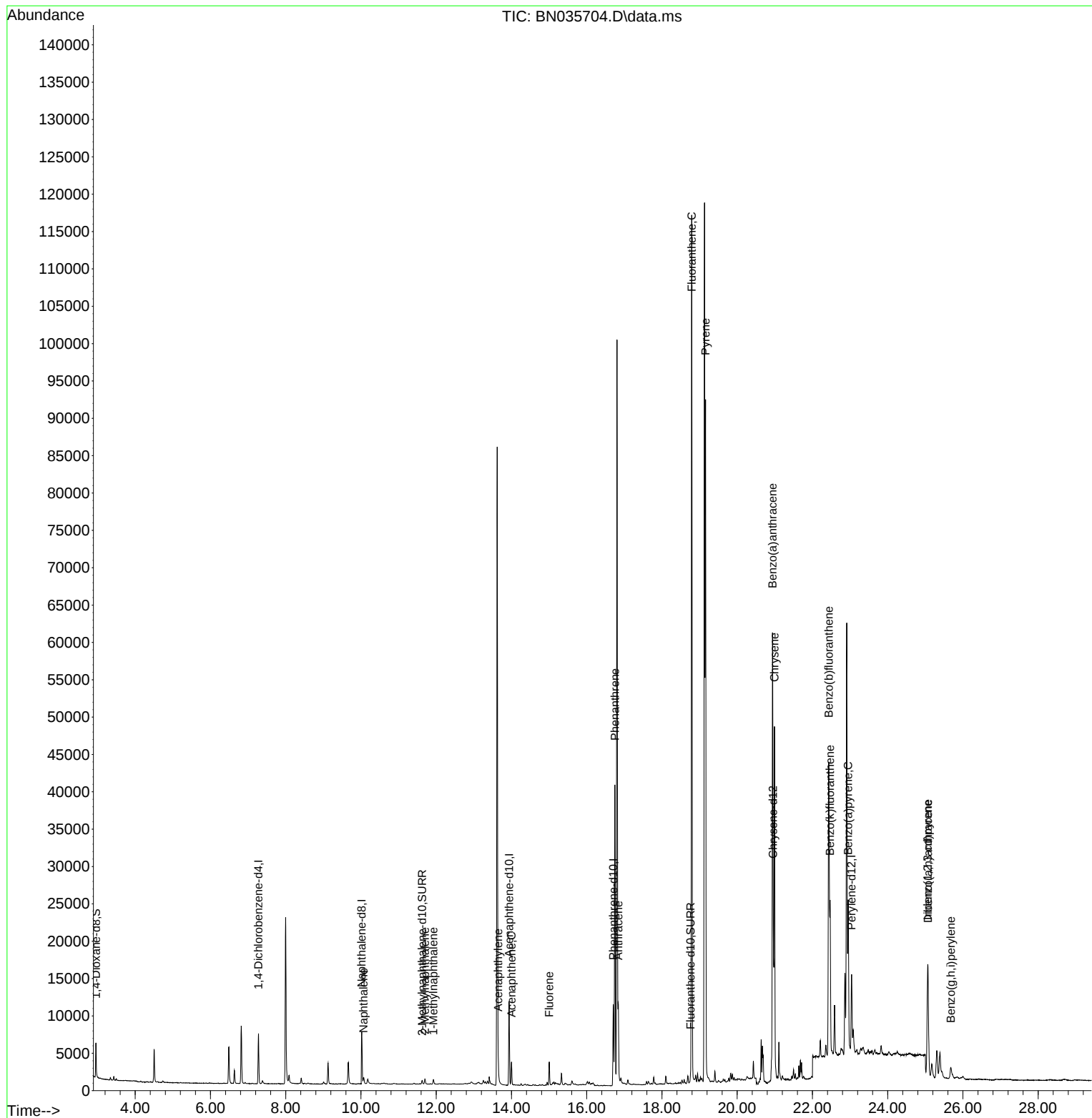
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035704.D
Acq On : 19 Dec 2024 13:53
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ALS Vial : 45 Sample Multiplier: 1

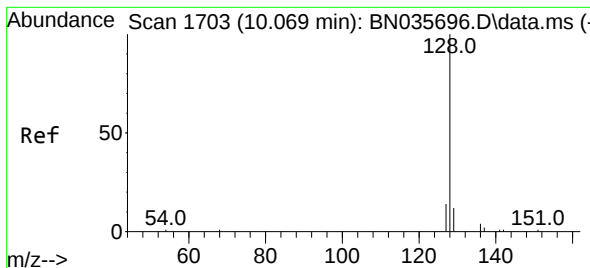
Instrument :
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ClientSampleId :
E28X2DL

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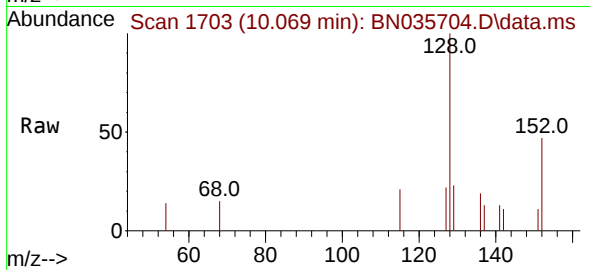
Quant Time: Dec 19 14:28:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.038 ng/ul m
RT: 10.069 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

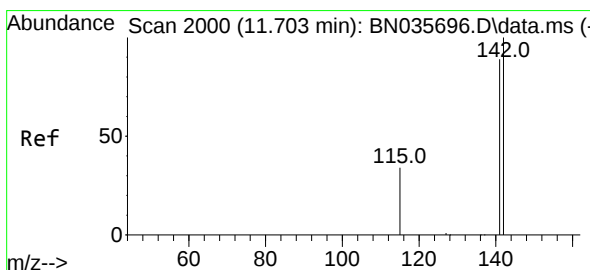
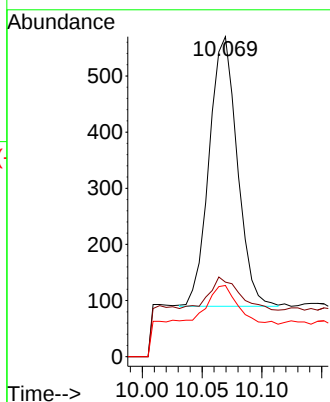
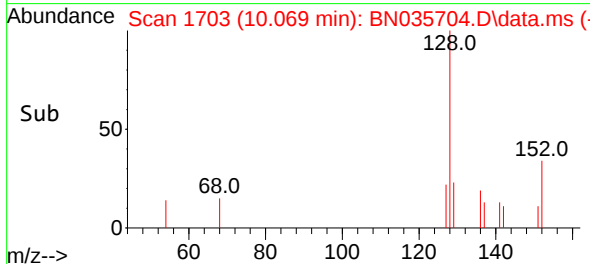
Instrument :
BNA_N
ClientSampleId :
E28X2DL



Tgt Ion:128 Resp: 780
Ion Ratio Lower Upper
128 100
129 23.3 10.8 16.2
127 22.3 12.0 18.0

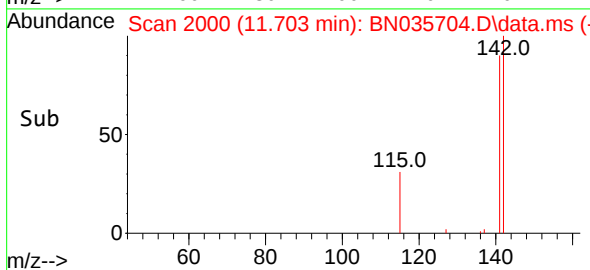
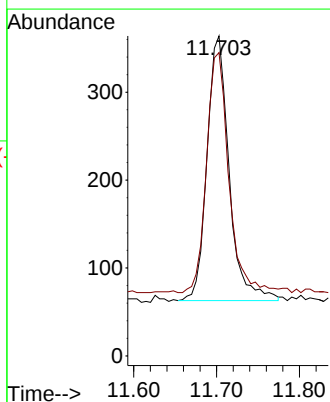
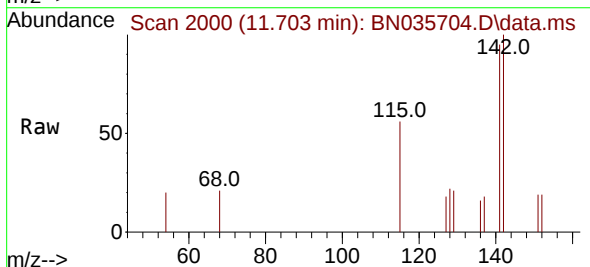
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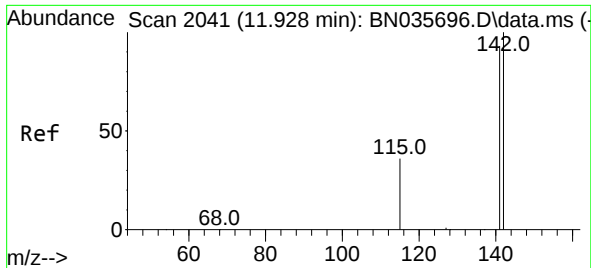
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

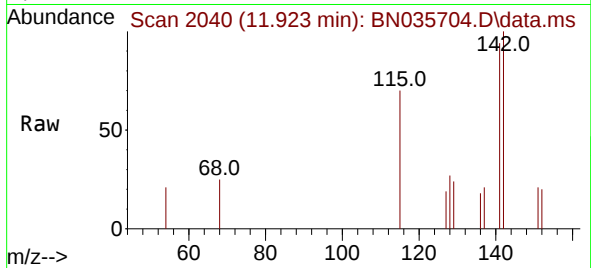
Tgt Ion:142 Resp: 559
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.016 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

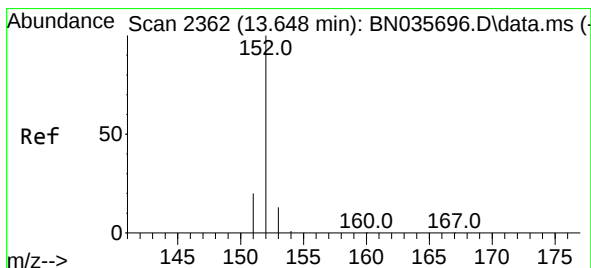
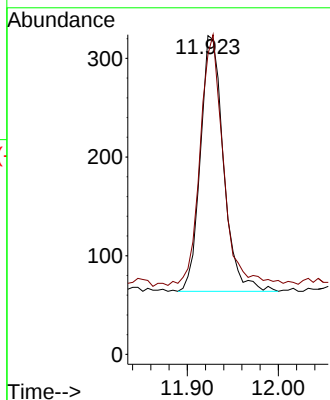
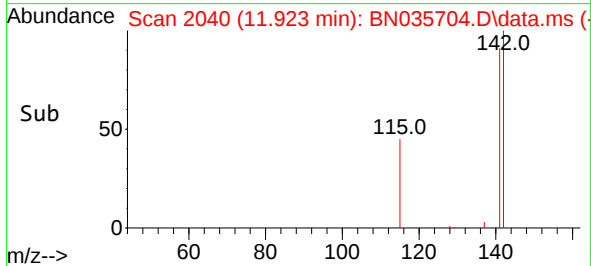
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 458
Ion Ratio Lower Upper
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141 98.5 74.7 112.1

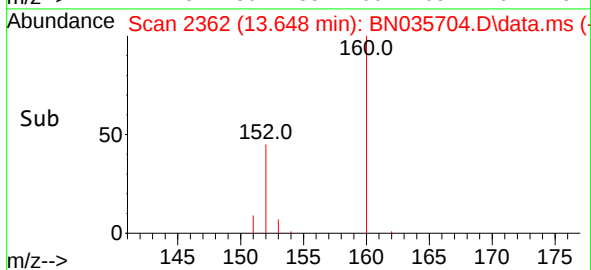
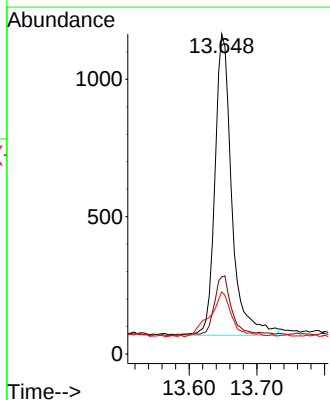
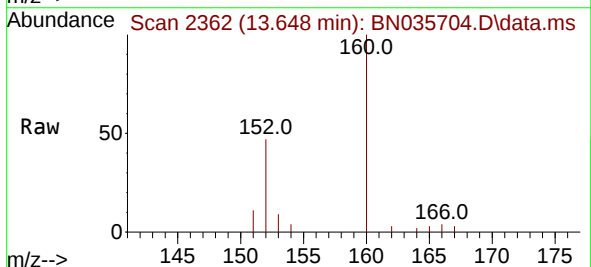
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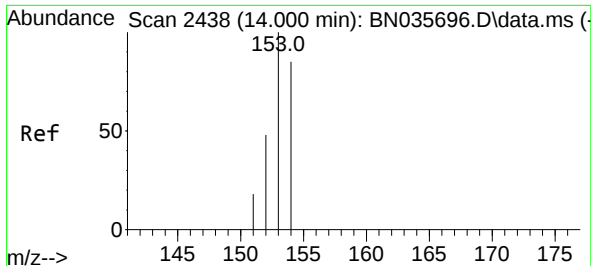
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 13.648 min Scan# 2362
Delta R.T. -0.014 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

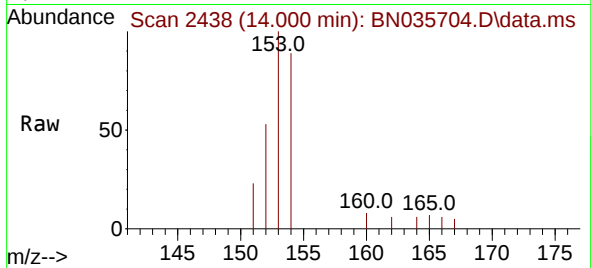
Tgt Ion:152 Resp: 1903
Ion Ratio Lower Upper
152 100
151 24.1 17.6 26.4
153 19.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

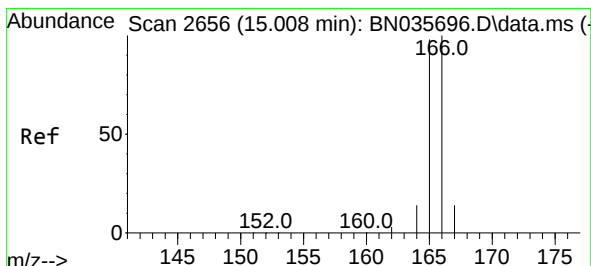
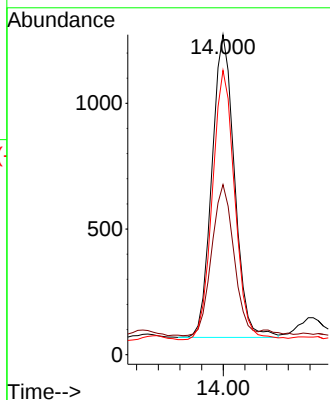
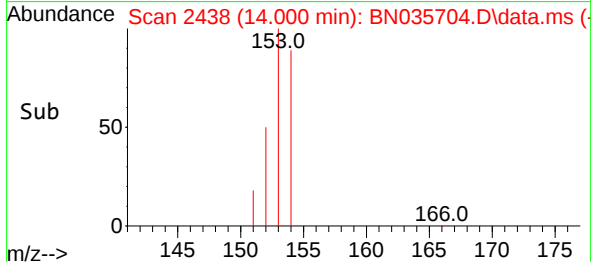
Instrument :
BNA_N
ClientSampleId :
E28X2DL



Tgt Ion:153 Resp: 174
Ion Ratio Lower Upper
153 100
152 53.2 39.8 59.6
154 88.8 69.8 104.8

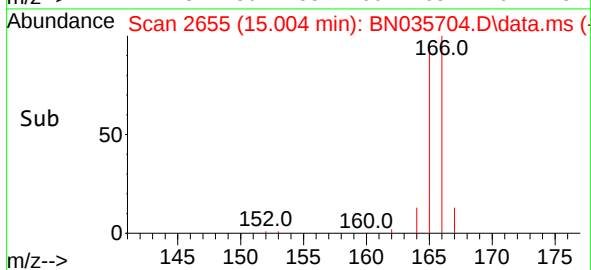
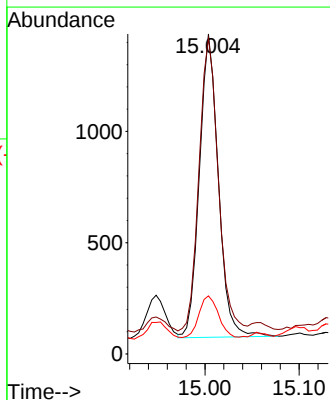
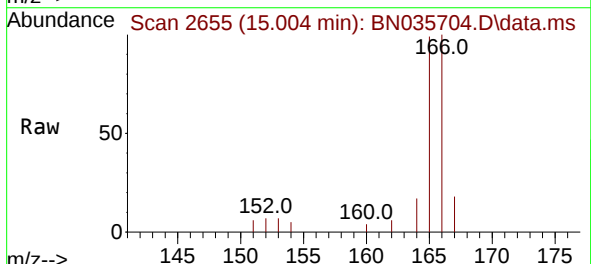
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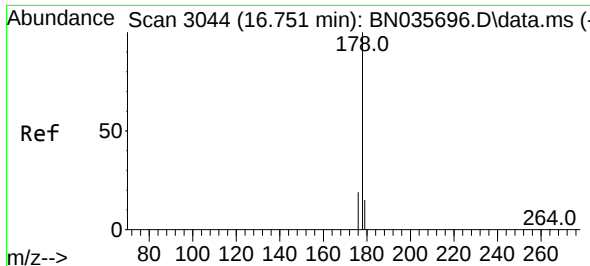
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

Tgt Ion:166 Resp: 1904
Ion Ratio Lower Upper
166 100
165 98.7 79.5 119.3
167 18.2 11.8 17.8#





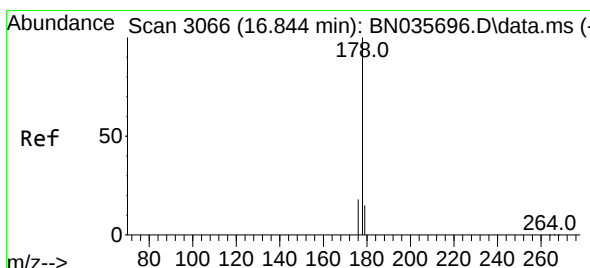
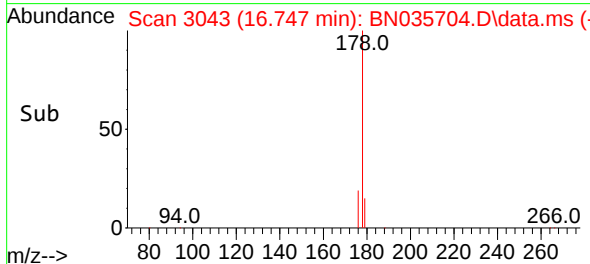
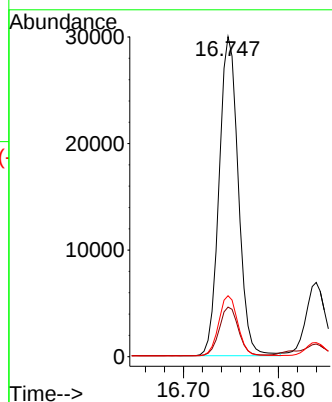
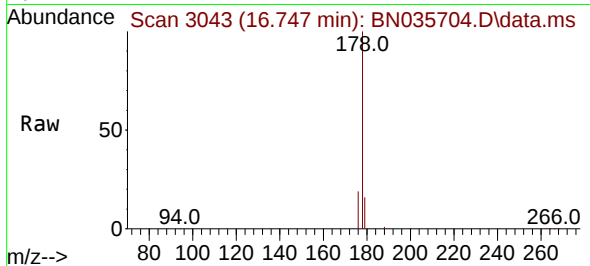
#15
Phenanthrene
Concen: 1.272 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.012 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

Instrument :
BNA_N
ClientSampleId :
E28X2DL

Tgt Ion:178 Resp: 4202
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 15.8 23.8

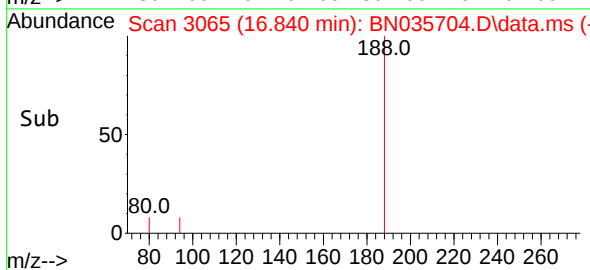
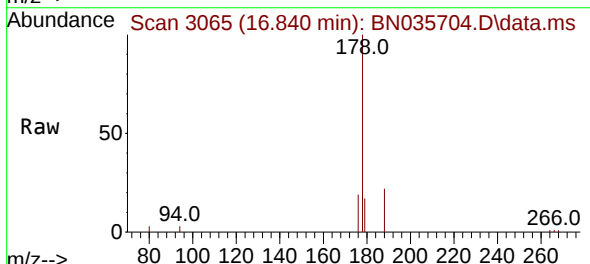
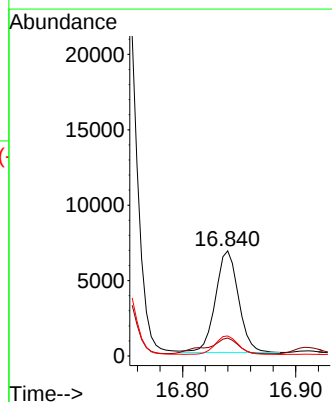
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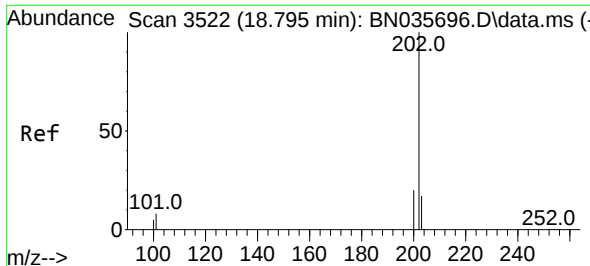
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.309 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

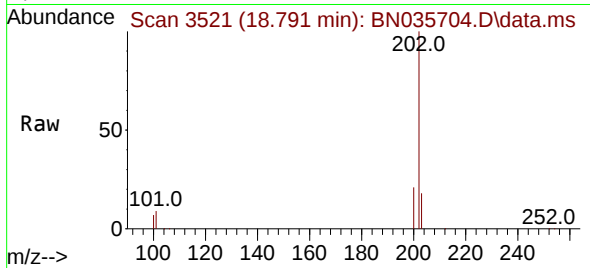
Tgt Ion:178 Resp: 9557
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.0
176 19.0 15.4 23.0





#19
Fluoranthene
Concen: 2.366 ng/ul
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

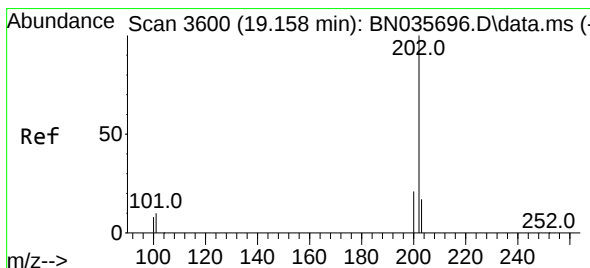
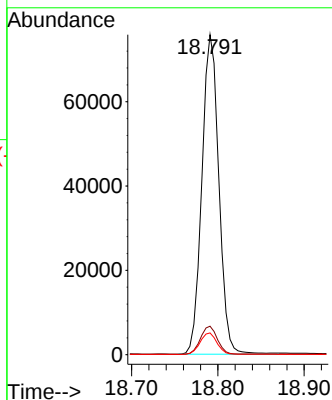
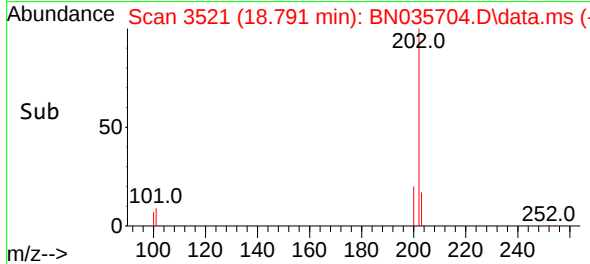
Instrument :
BNA_N
ClientSampleId :
E28X2DL



Tgt Ion:202 Resp: 103829
Ion Ratio Lower Upper
202 100
101 8.9 7.3 10.9
100 6.8 5.4 8.0

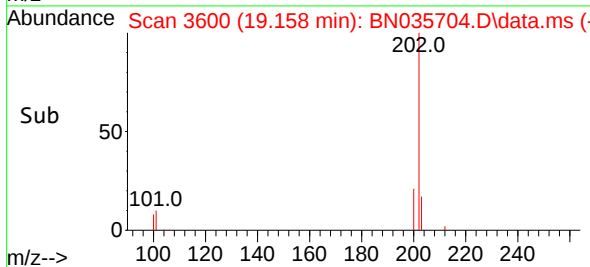
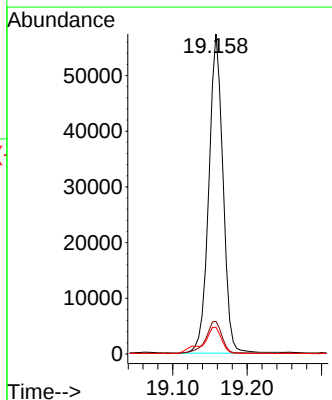
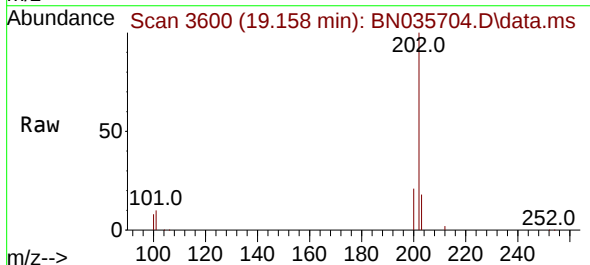
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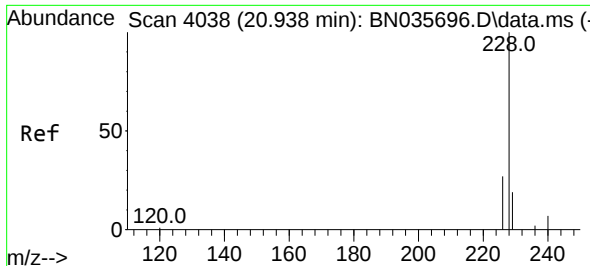
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 1.571 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

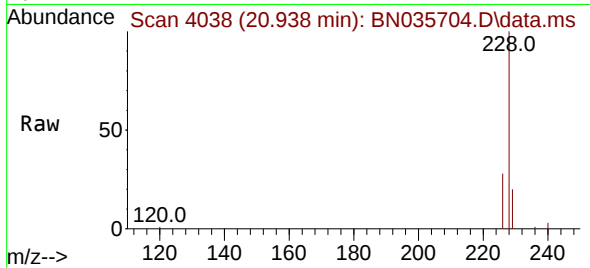
Tgt Ion:202 Resp: 75956
Ion Ratio Lower Upper
202 100
101 10.2 8.5 12.7
100 8.4 6.5 9.7





#21
Benzo(a)anthracene
Concen: 1.207 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.012 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

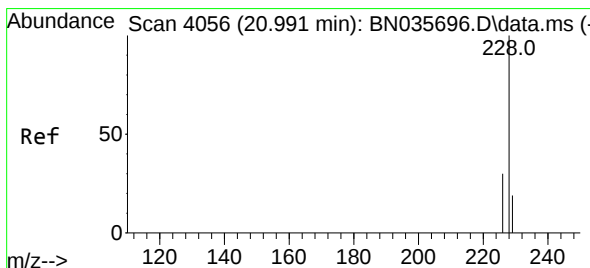
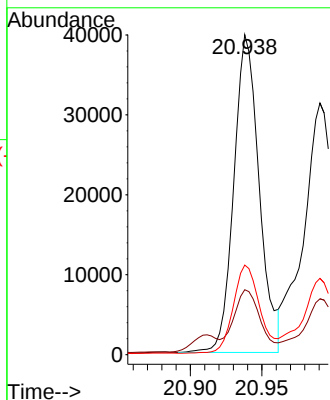
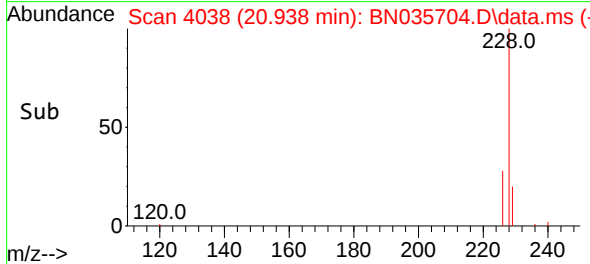
Instrument :
BNA_N
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E28X2DL



Tgt Ion:228 Resp: 49132
Ion Ratio Lower Upper
228 100
229 20.3 16.6 25.0
226 28.0 22.5 33.7

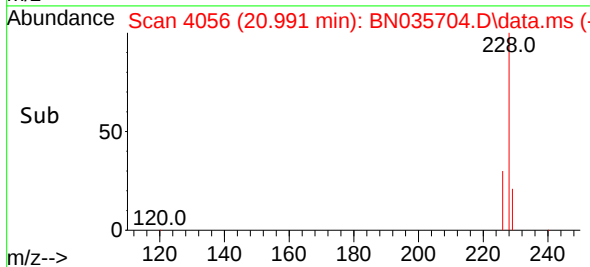
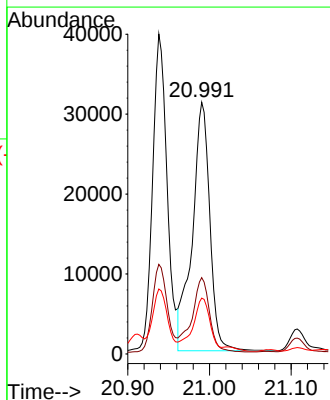
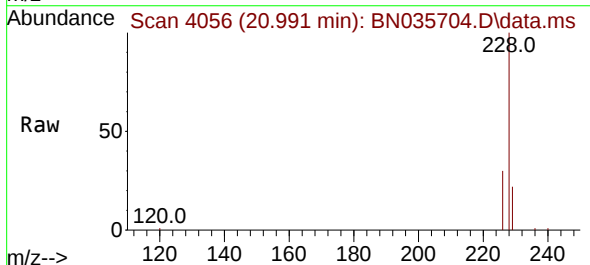
Manual Integrations
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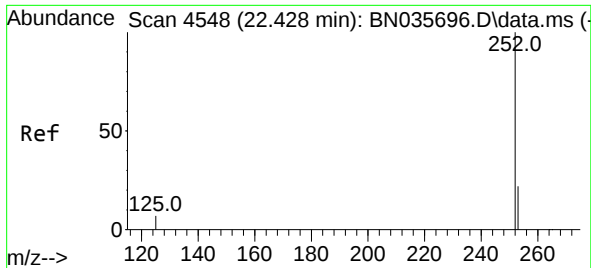
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.102 ng/ul
RT: 20.991 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

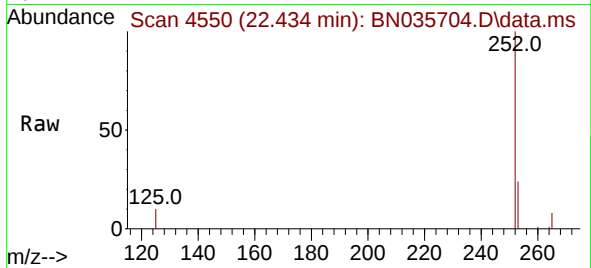
Tgt Ion:228 Resp: 46544
Ion Ratio Lower Upper
228 100
226 30.3 25.1 37.7
229 22.2 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 1.706 ng/ul m
RT: 22.434 min Scan# 4550
Delta R.T. -0.009 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

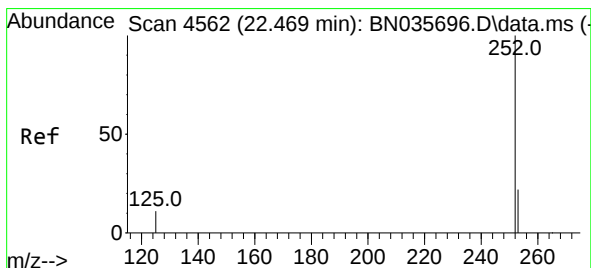
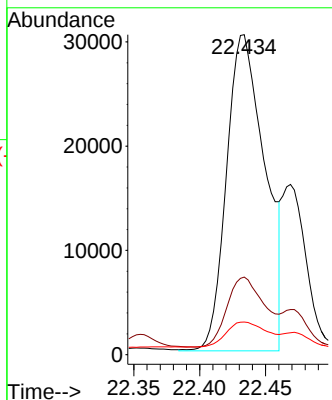
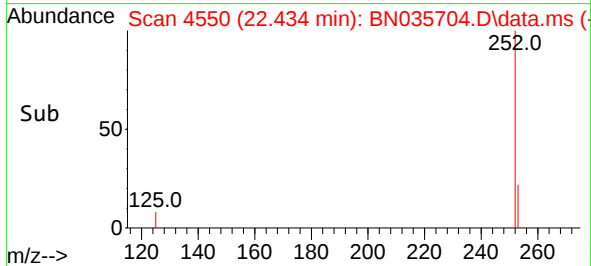
Instrument :
BNA_N
ClientSampleId :
E28X2DL



Tgt Ion:252 Resp: 61740
Ion Ratio Lower Upper
252 100
253 24.3 0.0 56.4
125 10.2 0.0 37.6

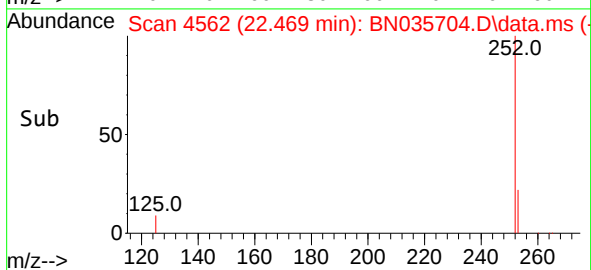
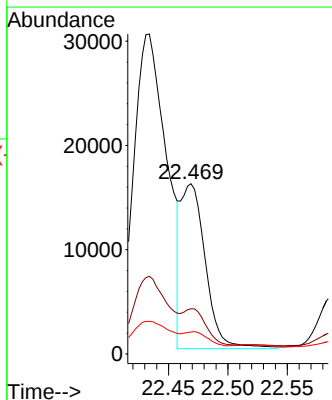
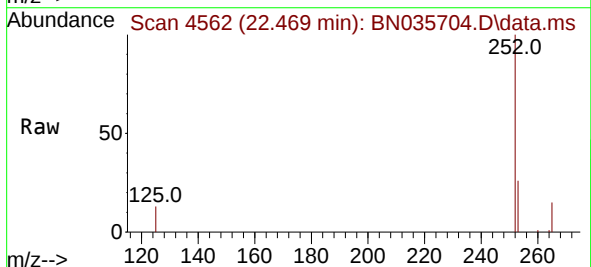
Manual Integrations
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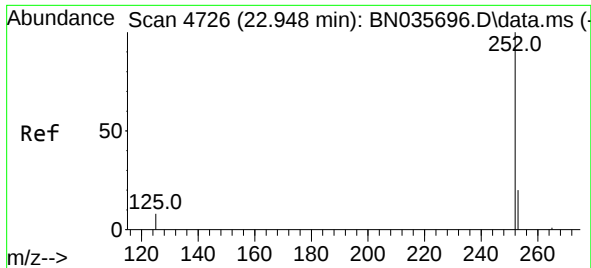
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.573 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

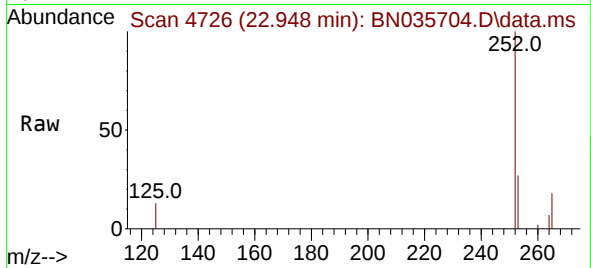
Tgt Ion:252 Resp: 22923
Ion Ratio Lower Upper
252 100
253 26.5 22.1 33.1
125 12.9 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.715 ng/ul
RT: 22.948 min Scan# 4726
Delta R.T. -0.014 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

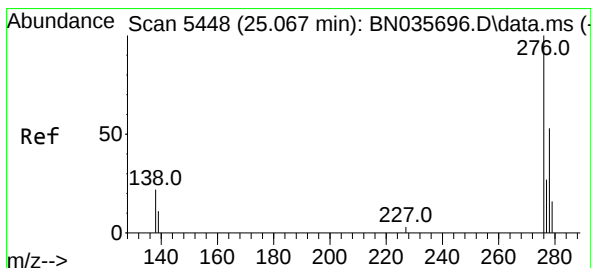
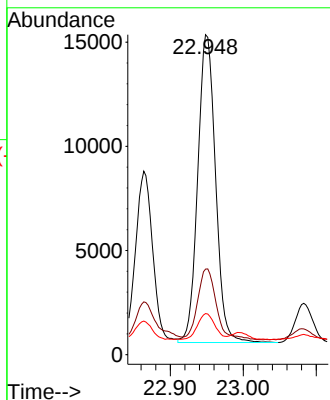
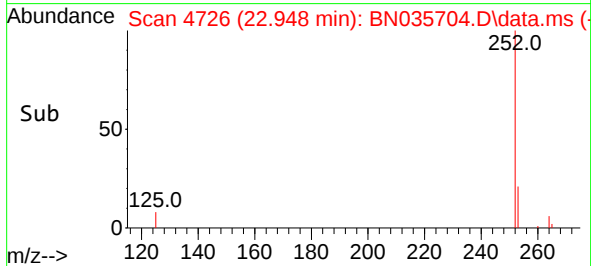
Instrument :
BNA_N
ClientSampleId :
E28X2DL



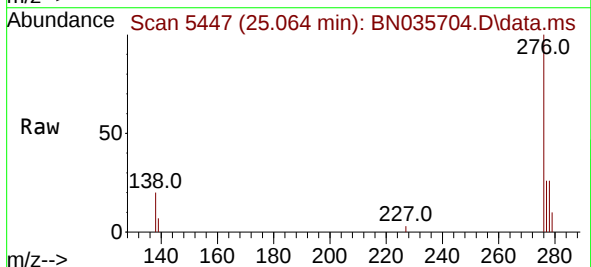
Tgt Ion:252 Resp: 25063
Ion Ratio Lower Upper
252 100
253 26.8 24.1 36.1
125 12.8 19.1 28.7

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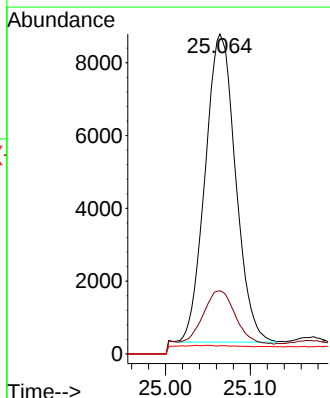
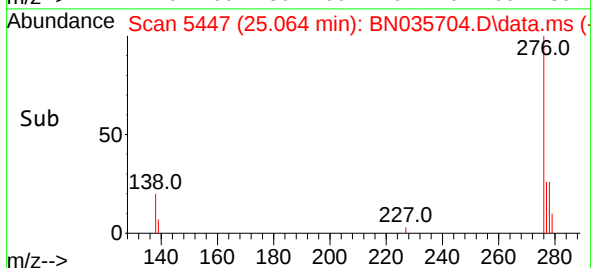
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

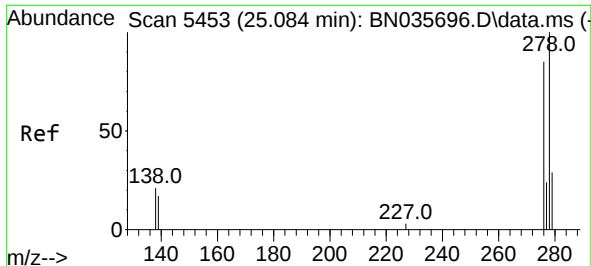


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng/ul m
RT: 25.064 min Scan# 5447
Delta R.T. -0.017 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53



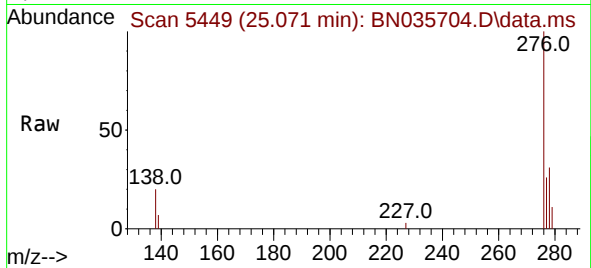
Tgt Ion:276 Resp: 21101
Ion Ratio Lower Upper
276 100
138 27.9 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.205 ng/ul m
RT: 25.071 min Scan# 54
Delta R.T. -0.030 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53

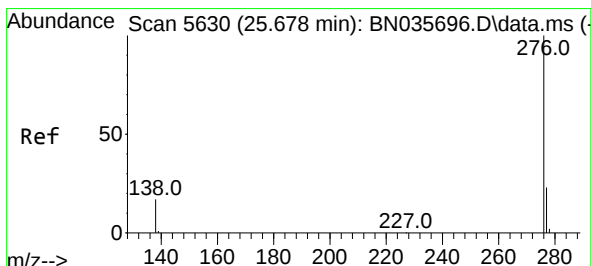
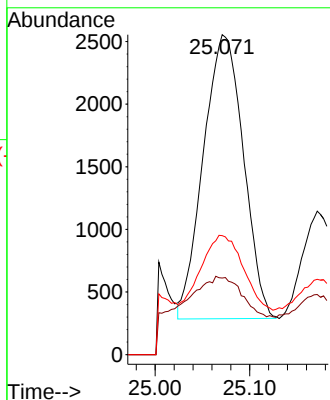
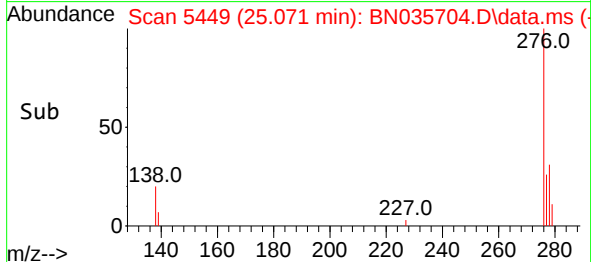
Instrument :
BNA_N
ClientSampleId :
E28X2DL



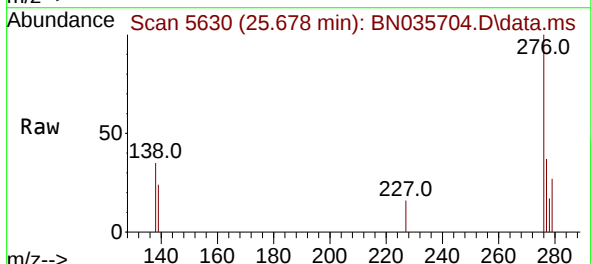
Tgt Ion:278 Resp: 668
Ion Ratio Lower Upper
278 100
139 24.0 19.8 29.8
279 37.2 24.0 36.0

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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: 0.092 ng/ul
RT: 25.678 min Scan# 5630
Delta R.T. -0.020 min
Lab File: BN035704.D
Acq: 19 Dec 2024 13:53



Tgt Ion:276 Resp: 3144
Ion Ratio Lower Upper
276 100
138 35.1 19.6 29.4#
277 37.0 21.6 32.4#

