

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035670.D
 Acq On : 18 Dec 2024 15:04
 Operator : RC/JU
 Sample : P5155-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T4

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 15:35:44 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	7.280	152	2904	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	8468	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5828	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11936	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	9642	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	9919m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	7998	3.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2383	0.198	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5055	0.179	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	2131m	0.103	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1214	0.087	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	613	0.042	ng/ul	97
10) Acenaphthylene	13.657	152	1028	0.046	ng/ul#	77
11) Acenaphthene	14.009	153	447	0.026	ng/ul#	92
12) Fluorene	15.008	166	582	0.029	ng/ul#	88
15) Phenanthrene	16.755	178	11041	0.370	ng/ul	100
16) Anthracene	16.844	178	2707	0.097	ng/ul#	88
19) Fluoranthene	18.800	202	24447	0.709	ng/ul	98
20) Pyrene	19.163	202	22933	0.604	ng/ul	98
21) Benzo(a)anthracene	20.947	228	12461	0.390	ng/ul	94
22) Chrysene	20.996	228	15865m	0.478	ng/ul	
24) Benzo(b)fluoranthene	22.440	252	22261m	0.762	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	8367m	0.259	ng/ul	
26) Benzo(a)pyrene	22.960	252	15233	0.538	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.078	276	11940m	0.346	ng/ul	
28) Dibenzo(a,h)anthracene	25.088	278	2787m	0.106	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	13734	0.497	ng/ul	96

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

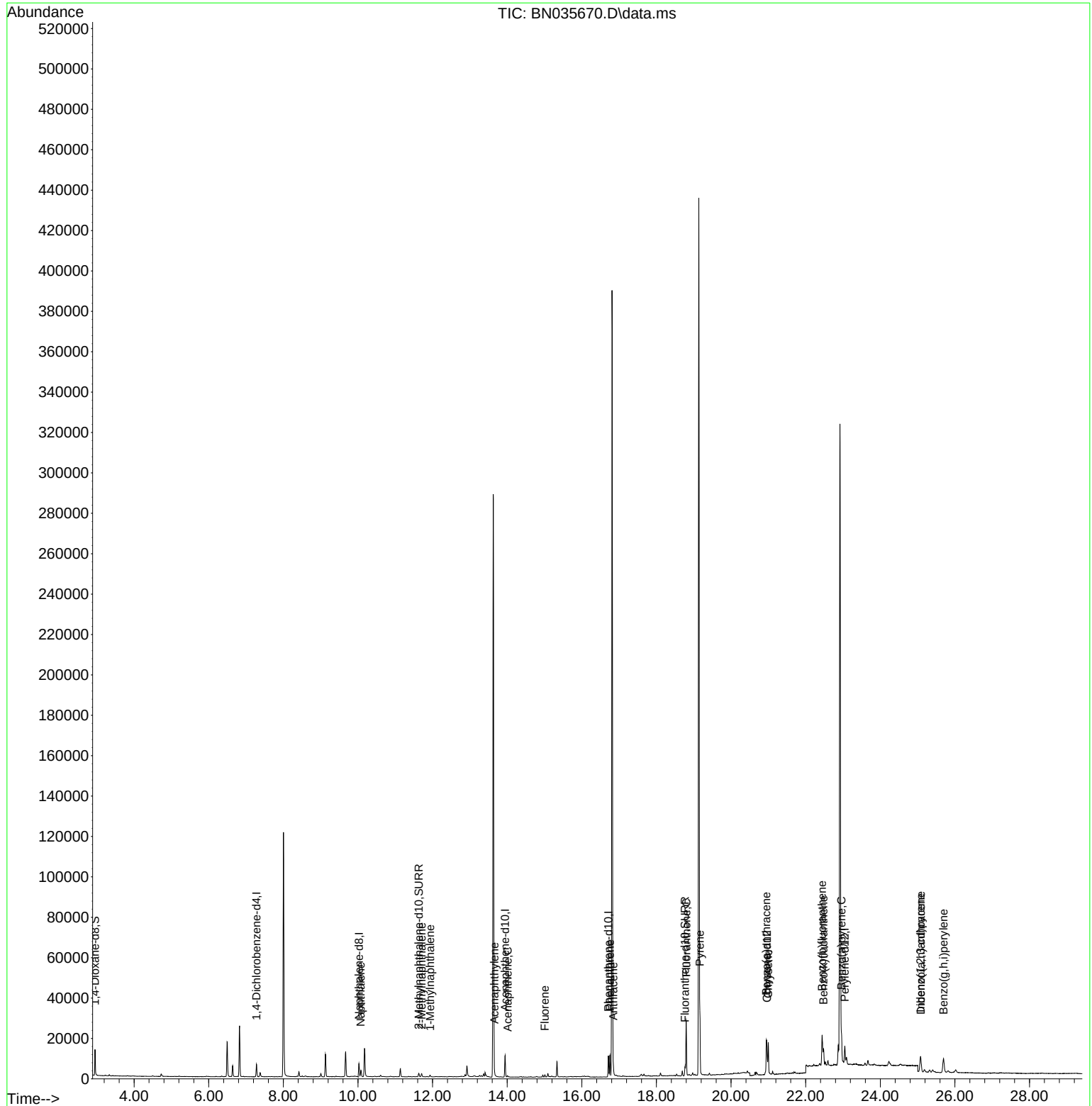
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035670.D
Acq On : 18 Dec 2024 15:04
Operator : RC/JU
Sample : P5155-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

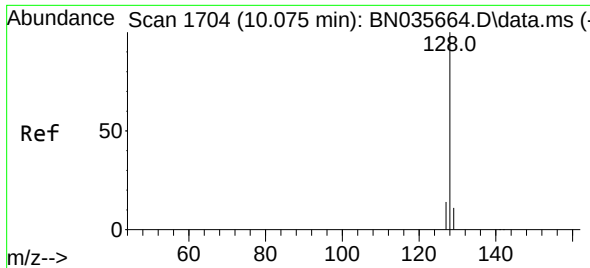
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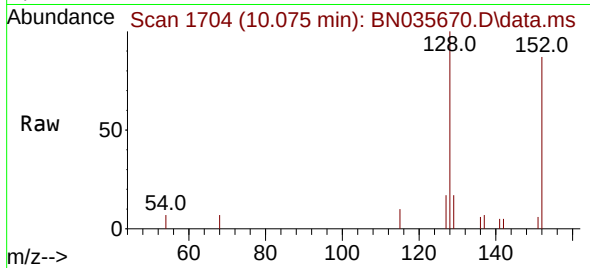
Quant Time: Dec 18 15:35:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.103 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

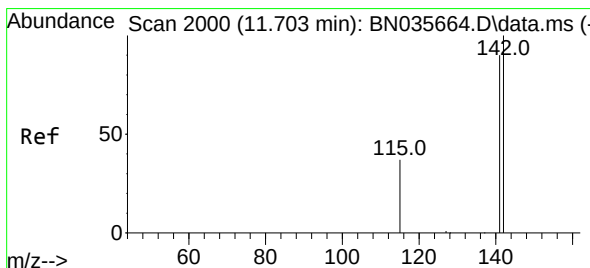
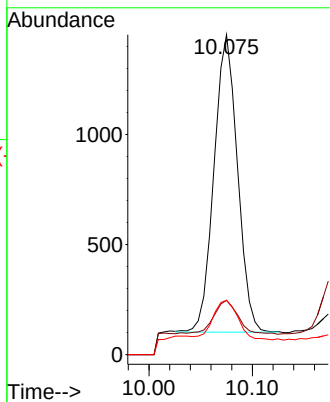
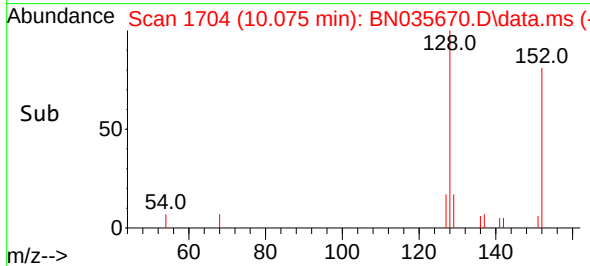
Instrument :
BNA_N
ClientSampleId :
E28T4



Tgt Ion:128 Resp: 213
Ion Ratio Lower Upper
128 100
129 17.0 10.8 16.2
127 17.0 12.0 18.0

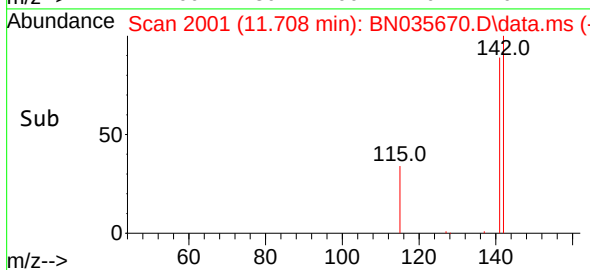
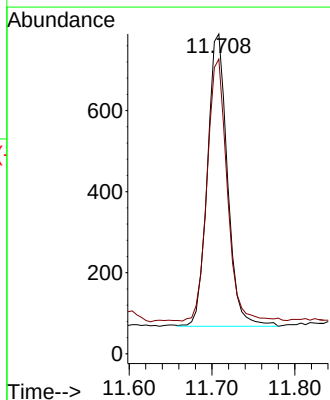
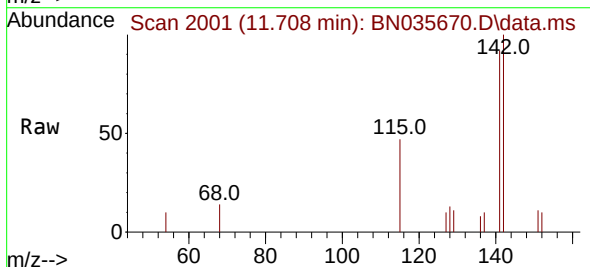
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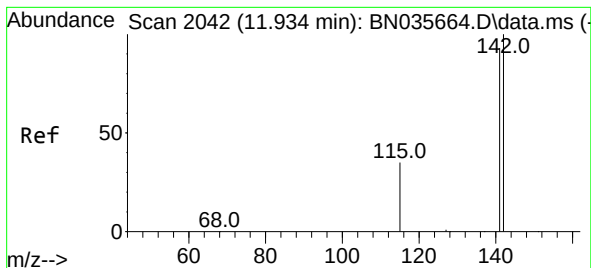
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Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

Tgt Ion:142 Resp: 1214
Ion Ratio Lower Upper
142 100
141 89.5 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035670.D

Acq: 18 Dec 2024 15:04

Instrument :

BNA_N

ClientSampleId :

E28T4

Tgt Ion:142 Resp: 61

Ion Ratio Lower Upper

142 100

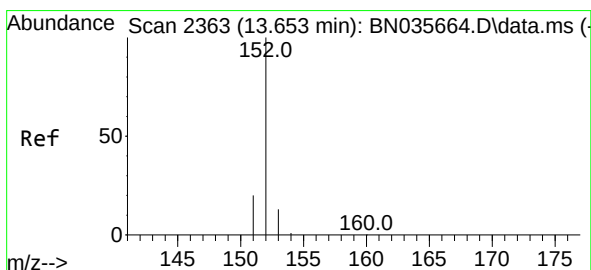
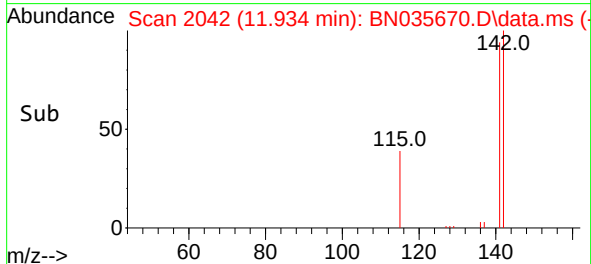
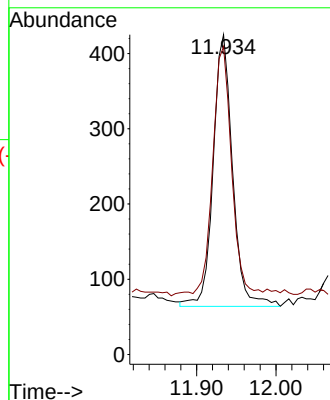
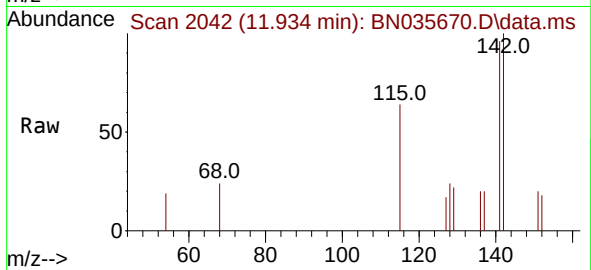
141 90.2 74.7 112.1

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#10

Acenaphthylene

Concen: 0.046 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.004 min

Lab File: BN035670.D

Acq: 18 Dec 2024 15:04

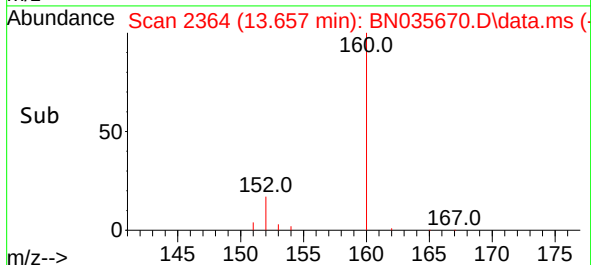
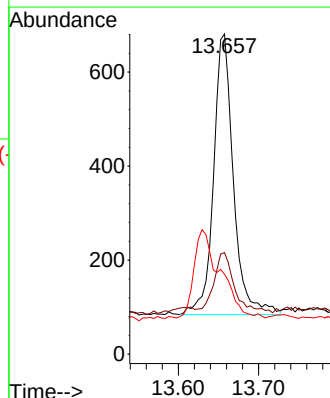
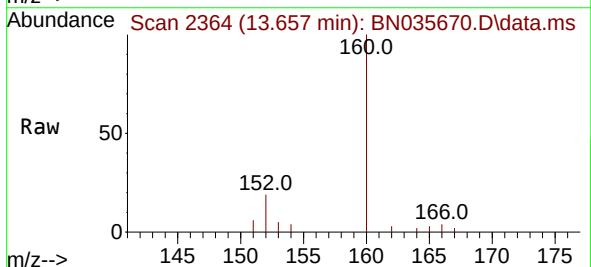
Tgt Ion:152 Resp: 1028

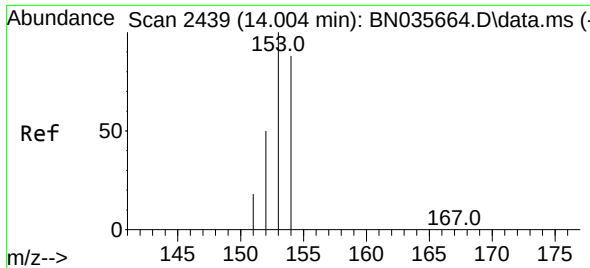
Ion Ratio Lower Upper

152 100

151 31.7 17.6 26.4#

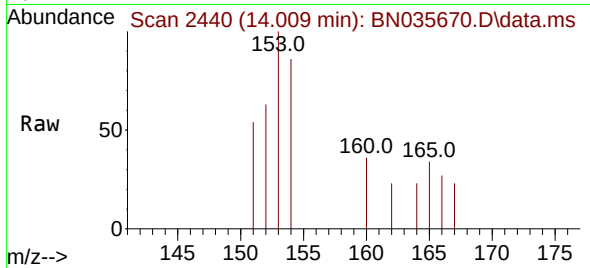
153 25.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

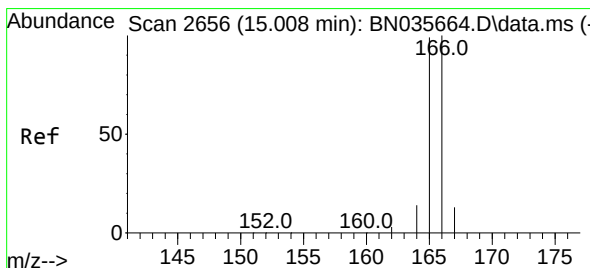
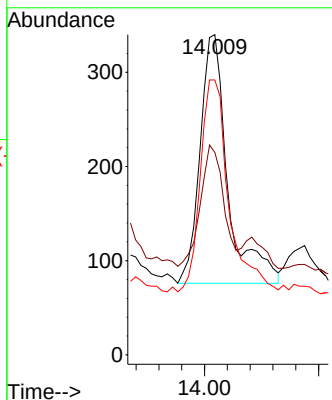
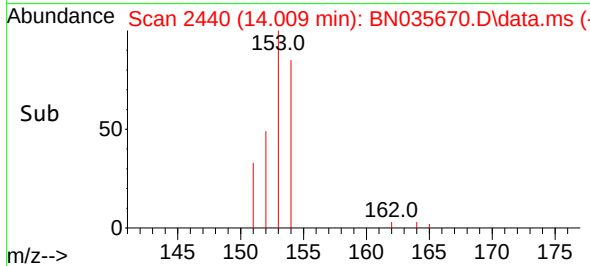
Instrument :
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Tgt Ion:153 Resp: 44
Ion Ratio Lower Upper
153 100
152 63.2 39.8 59.6
154 85.9 69.8 104.8

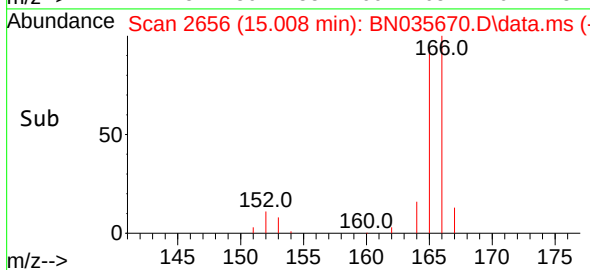
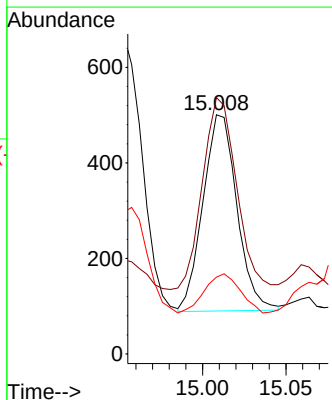
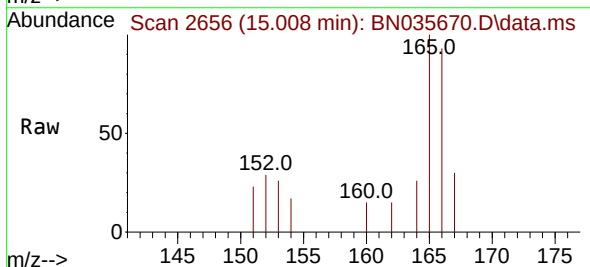
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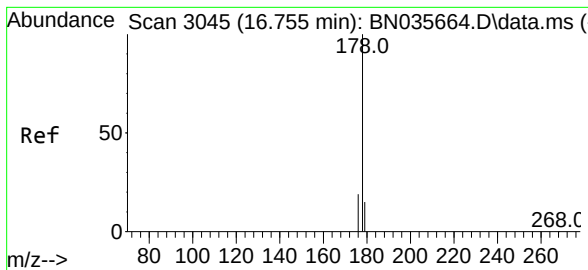
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.029 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.004 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

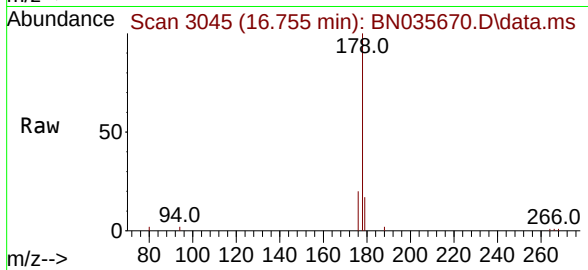
Tgt Ion:166 Resp: 582
Ion Ratio Lower Upper
166 100
165 107.2 79.5 119.3
167 32.1 11.8 17.8#





#15
 Phenanthrene
 Concen: 0.370 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035670.D
 Acq: 18 Dec 2024 15:04

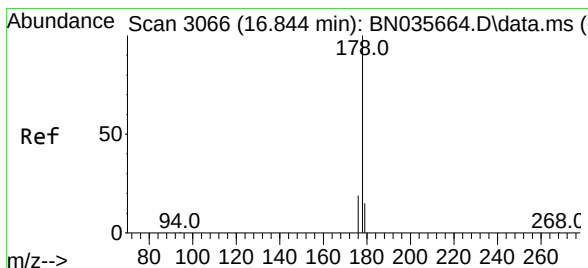
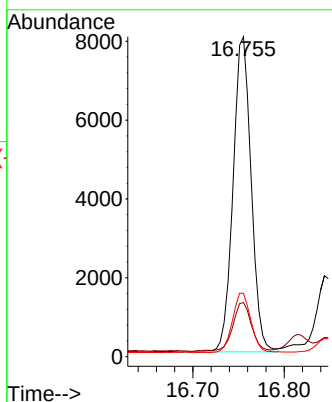
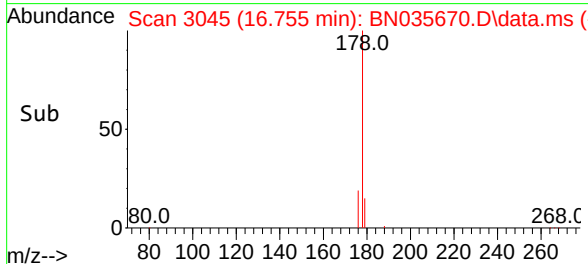
Instrument :
 BNA_N
 ClientSampleId :
 E28T4



Tgt Ion:178 Resp: 1104
 Ion Ratio Lower Upper
 178 100
 179 16.9 13.3 19.9
 176 19.8 15.8 23.8

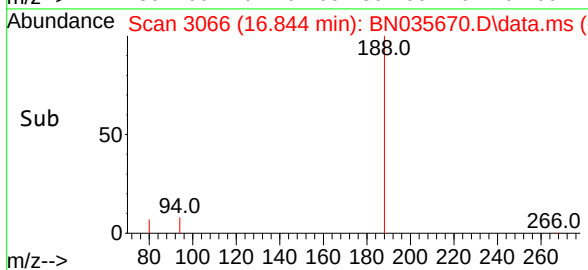
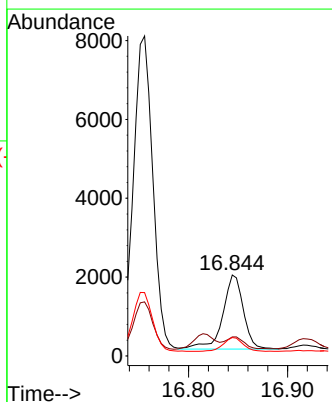
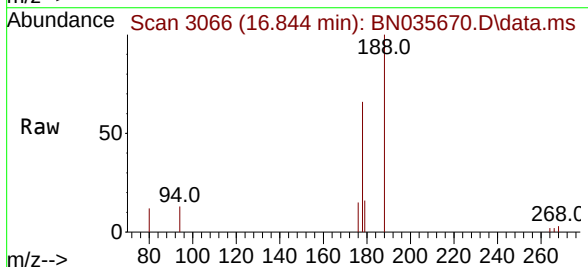
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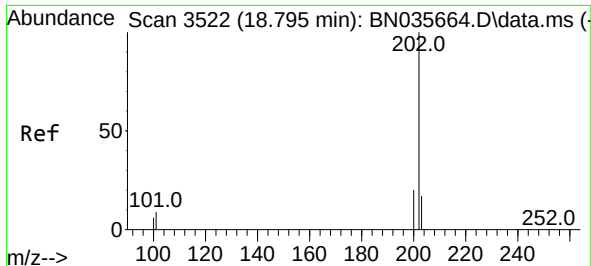
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#16
 Anthracene
 Concen: 0.097 ng/ul
 RT: 16.844 min Scan# 3066
 Delta R.T. -0.004 min
 Lab File: BN035670.D
 Acq: 18 Dec 2024 15:04

Tgt Ion:178 Resp: 2707
 Ion Ratio Lower Upper
 178 100
 179 23.5 13.4 20.0#
 176 22.8 15.4 23.0





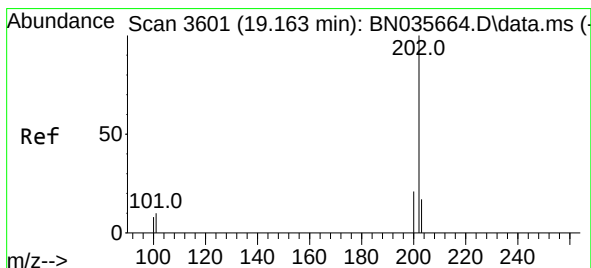
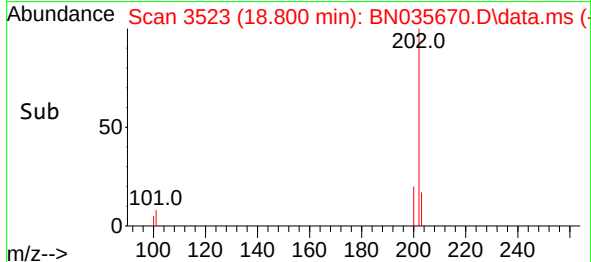
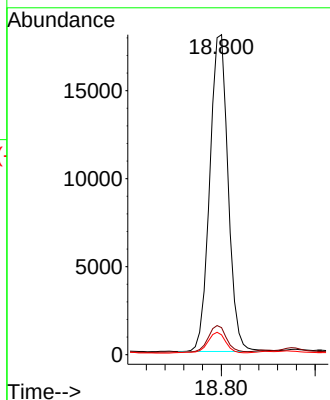
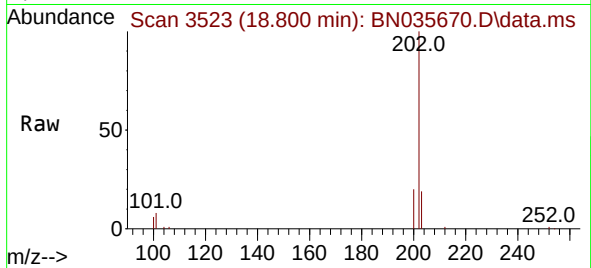
#19
Fluoranthene
Concen: 0.709 ng/u1
RT: 18.800 min Scan# 3522
Delta R.T. 0.000 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

Instrument :
BNA_N
ClientSampleId :
E28T4

Tgt Ion:202 Resp: 2444
Ion Ratio Lower Upper
202 100
101 8.4 7.3 10.9
100 6.2 5.4 8.0

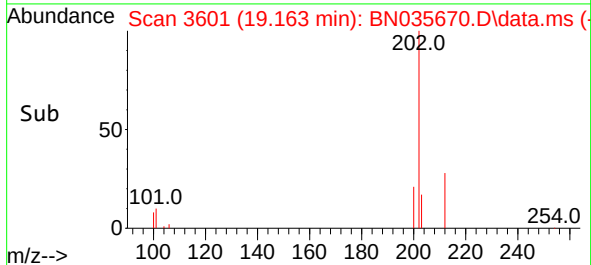
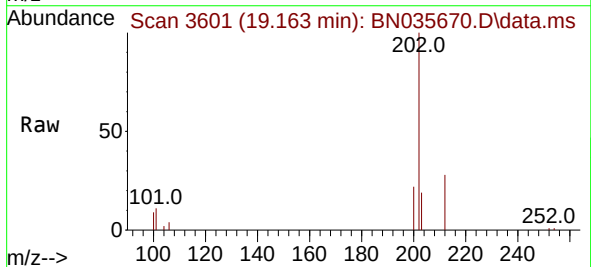
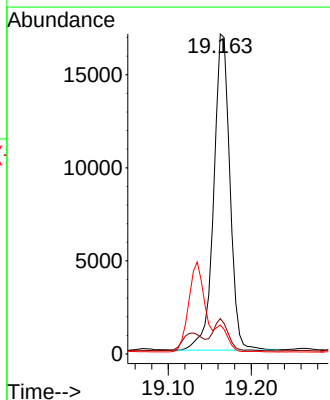
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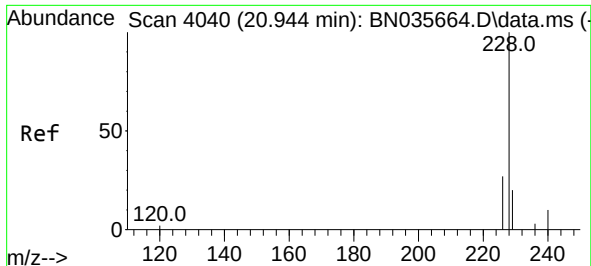
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 0.604 ng/u1
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

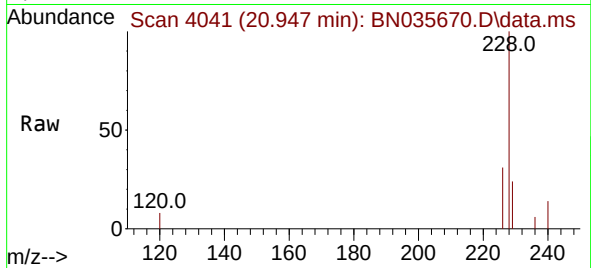
Tgt Ion:202 Resp: 22933
Ion Ratio Lower Upper
202 100
101 11.0 8.5 12.7
100 9.0 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 20.947 min Scan# 4040
Delta R.T. -0.003 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

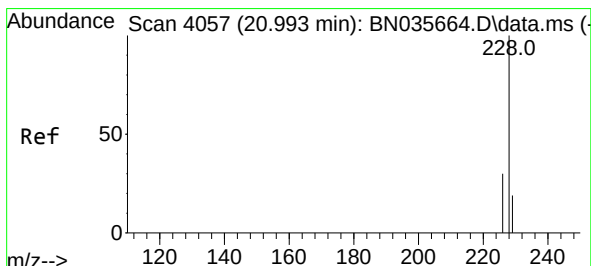
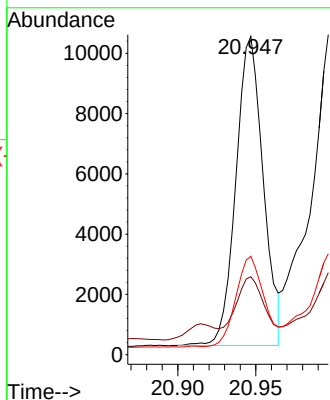
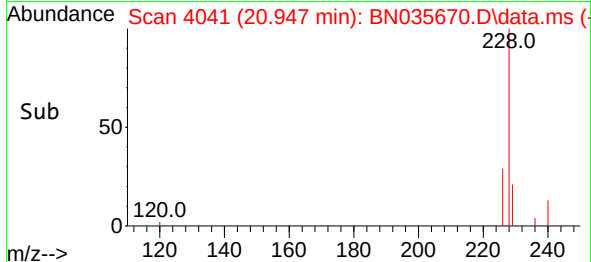
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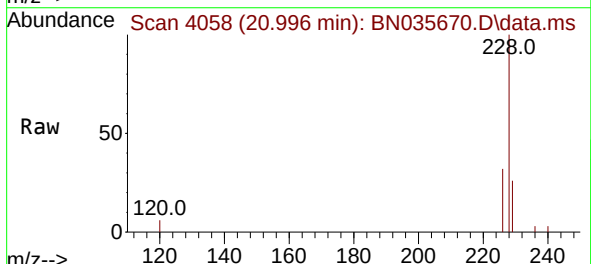
Tgt Ion:228 Resp: 12465
Ion Ratio Lower Upper
228 100
229 24.5 16.6 25.0
226 30.9 22.5 33.7

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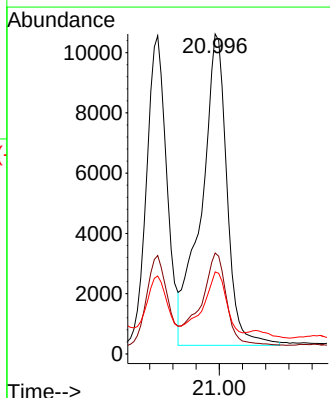
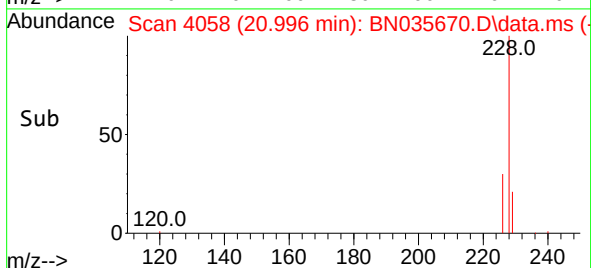
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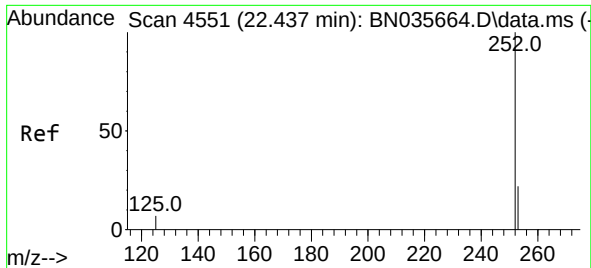


#22
Chrysene
Concen: 0.478 ng/ul m
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04



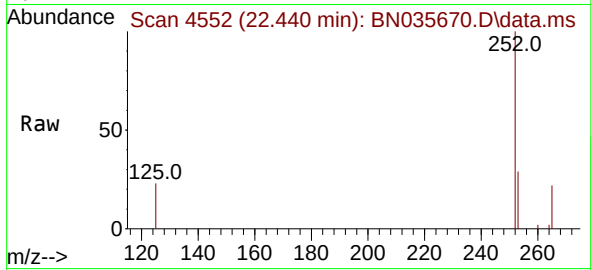
Tgt Ion:228 Resp: 15865
Ion Ratio Lower Upper
228 100
226 31.5 25.1 37.7
229 25.7 16.6 24.8#





#24
Benzo(b)fluoranthene
Concen: 0.762 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

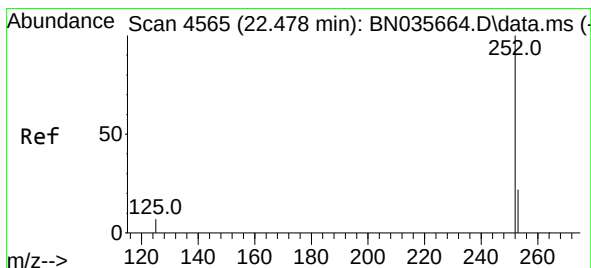
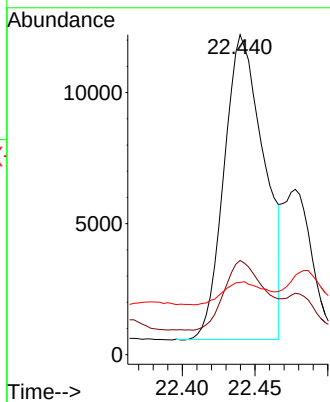
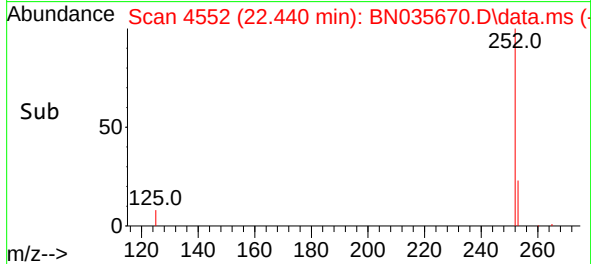
Instrument :
BNA_N
ClientSampleId :
E28T4



Tgt Ion:252 Resp: 2226
Ion Ratio Lower Upper
252 100
253 29.4 0.0 56.4
125 22.6 0.0 37.6

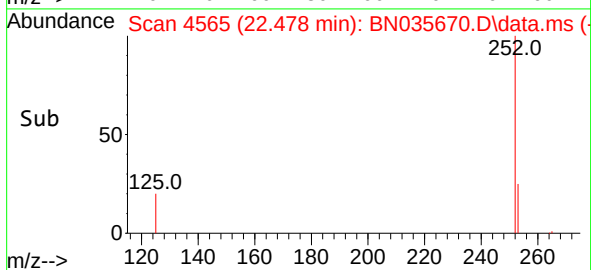
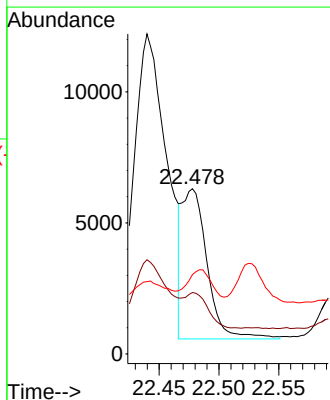
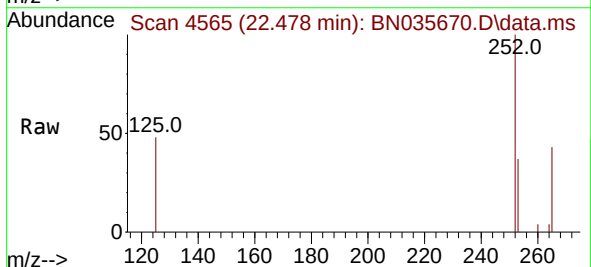
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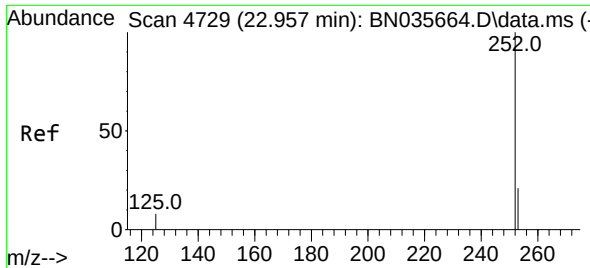
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.259 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

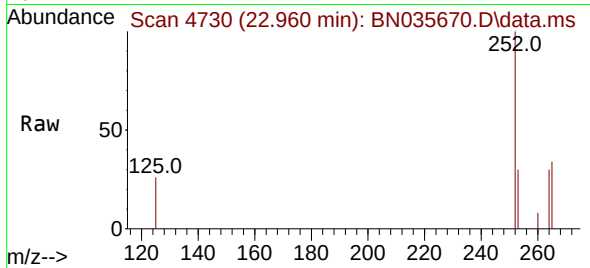
Tgt Ion:252 Resp: 8367
Ion Ratio Lower Upper
252 100
253 37.2 22.1 33.1#
125 48.0 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.538 ng/ul
RT: 22.960 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

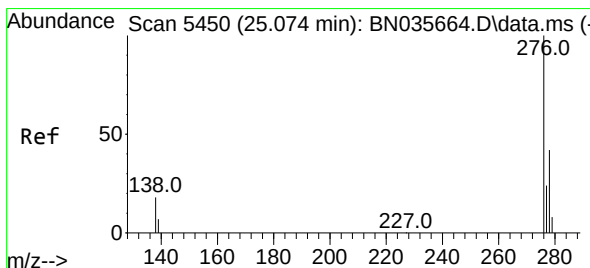
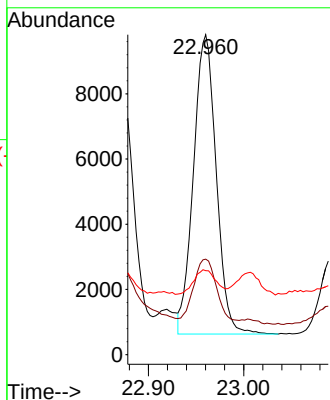
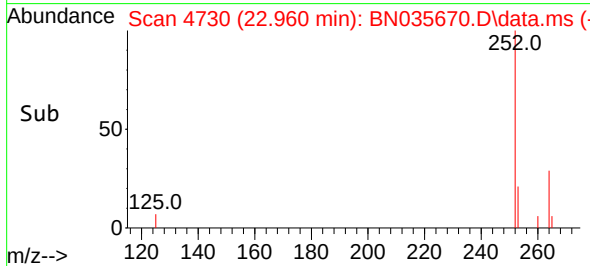
Instrument :
BNA_N
ClientSampleId :
E28T4



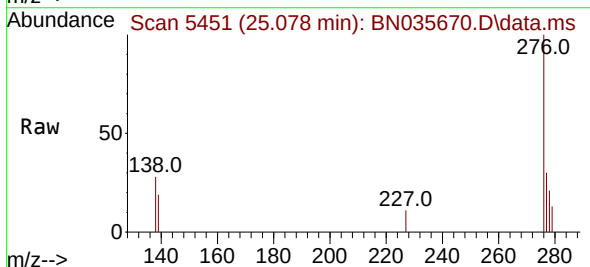
Tgt Ion:252 Resp: 1523
Ion Ratio Lower Upper
252 100
253 29.9 24.1 36.1
125 26.3 19.1 28.7

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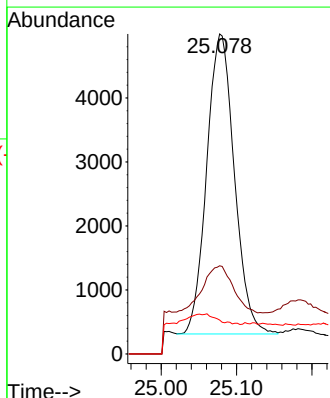
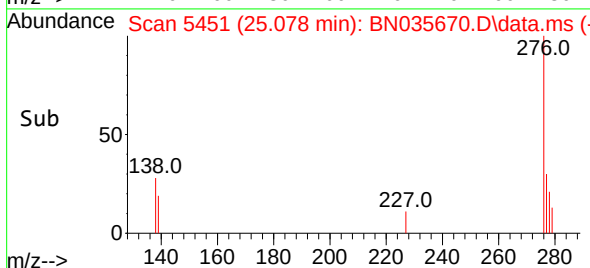
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

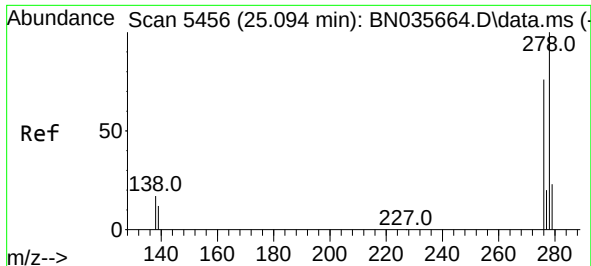


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul m
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04



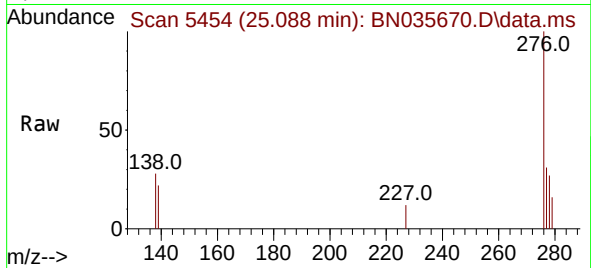
Tgt Ion:276 Resp: 11940
Ion Ratio Lower Upper
276 100
138 16.1 14.7 22.1
227 64.4 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul m
RT: 25.088 min Scan# 5456
Delta R.T. -0.013 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04

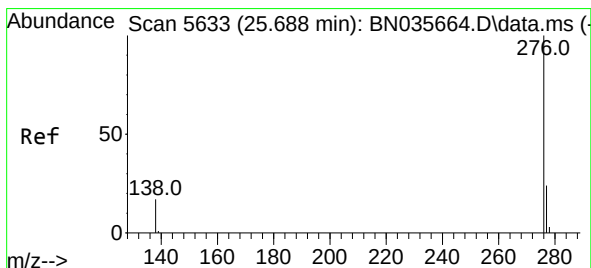
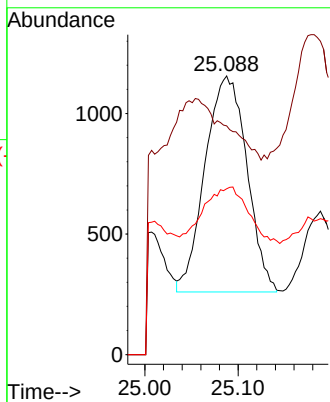
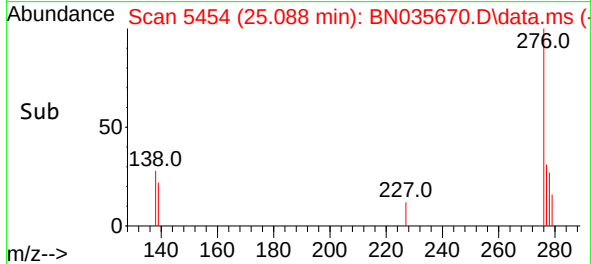
Instrument :
BNA_N
ClientSampleId :
E28T4



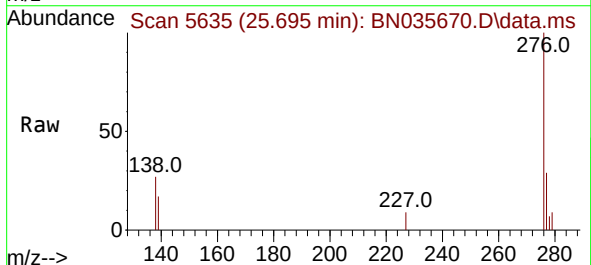
Tgt Ion:278 Resp: 278
Ion Ratio Lower Upper
278 100
139 82.1 19.8 29.8
279 59.5 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.497 ng/ul
RT: 25.695 min Scan# 5635
Delta R.T. -0.003 min
Lab File: BN035670.D
Acq: 18 Dec 2024 15:04



Tgt Ion:276 Resp: 13734
Ion Ratio Lower Upper
276 100
138 27.2 19.6 29.4
277 28.8 21.6 32.4

