

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035650.D
 Acq On : 17 Dec 2024 12:24
 Operator : RC/JU
 Sample : P5232-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 13:45:42 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	7.284	152	3395	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	10056	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	7459	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	15307	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	12988	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	14064m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5881	1.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2652	0.185	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	6310	0.166	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	3362m	0.136	ng/ul	
7) 2-Methylnaphthalene	11.708	142	2038	0.123	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	830	0.048	ng/ul	96
10) Acenaphthylene	13.657	152	1888	0.065	ng/ul#	87
11) Acenaphthene	14.009	153	454	0.021	ng/ul#	91
12) Fluorene	15.013	166	533	0.021	ng/ul#	84
15) Phenanthrene	16.755	178	12110	0.316	ng/ul	100
16) Anthracene	16.844	178	3302	0.092	ng/ul#	91
19) Fluoranthene	18.800	202	28867	0.621	ng/ul	98
20) Pyrene	19.163	202	29621	0.579	ng/ul	99
21) Benzo(a)anthracene	20.944	228	20060	0.466	ng/ul	94
22) Chrysene	20.997	228	26983m	0.604	ng/ul	
24) Benzo(b)fluoranthene	22.440	252	43866m	1.058	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	17013m	0.371	ng/ul	
26) Benzo(a)pyrene	22.957	252	33048	0.823	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.078	276	26691m	0.546	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	6362m	0.170	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	34112	0.870	ng/ul	95

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

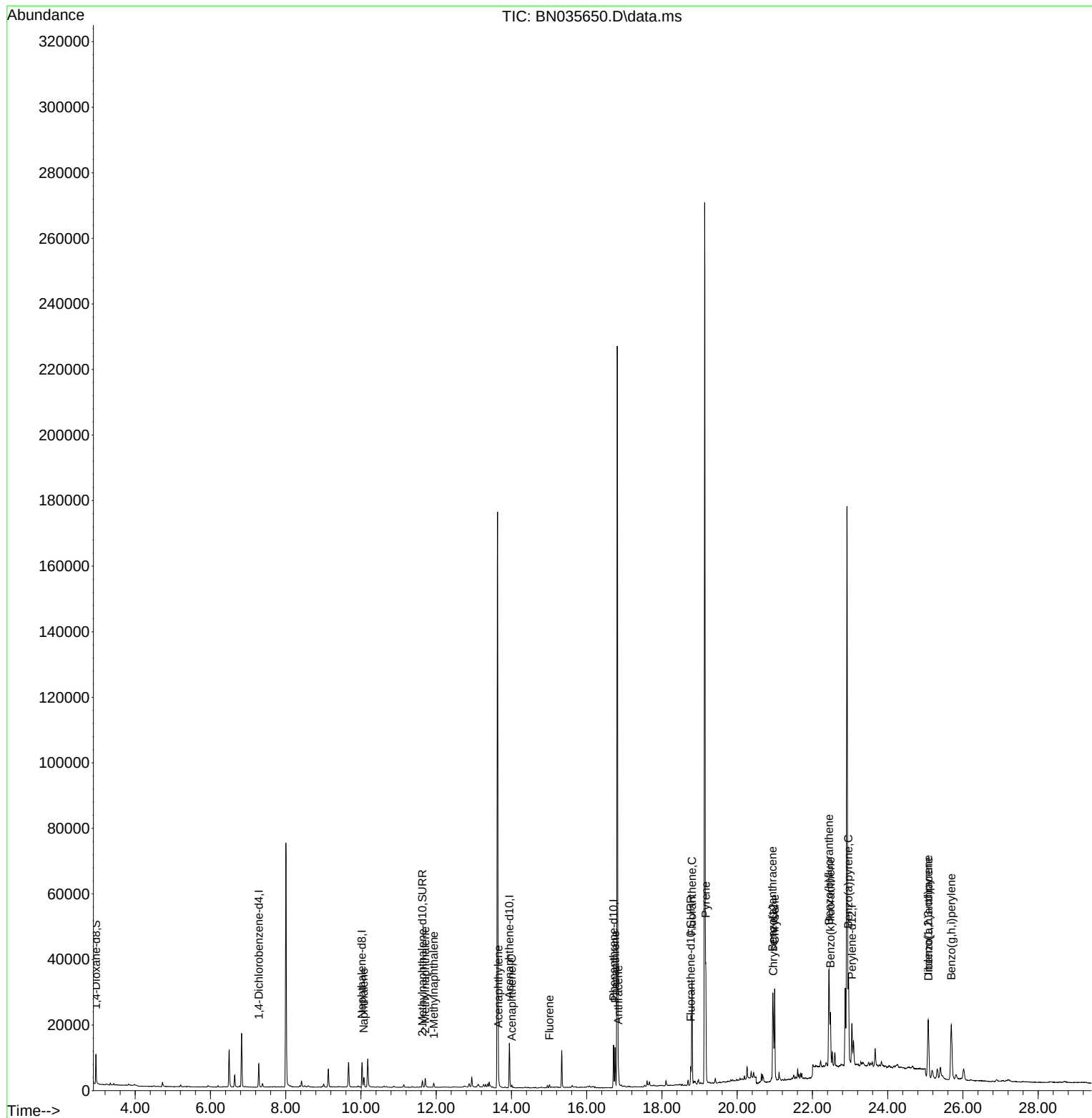
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035650.D
Acq On : 17 Dec 2024 12:24
Operator : RC/JU
Sample : P5232-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

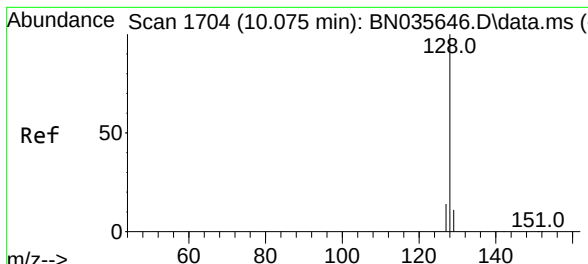
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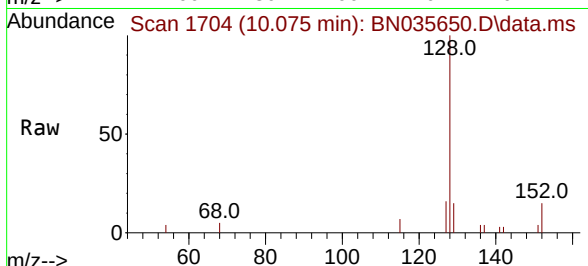
Quant Time: Dec 17 13:45:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.136 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

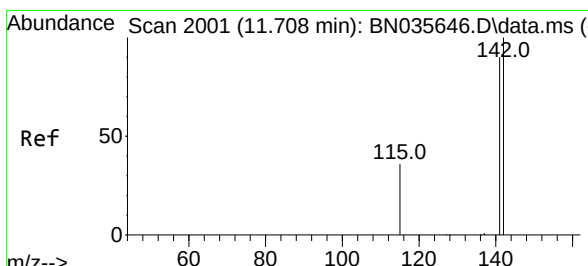
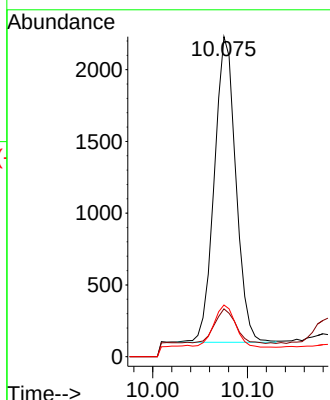
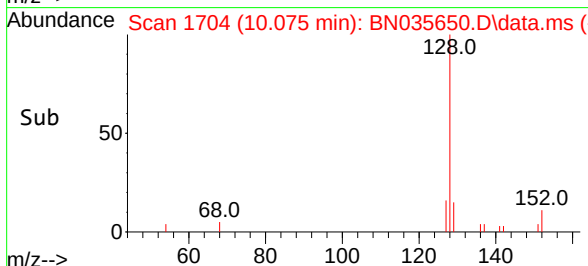
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:128 Resp: 3362
Ion Ratio Lower Upper
128 100
129 14.9 10.8 16.2
127 16.1 12.0 18.0

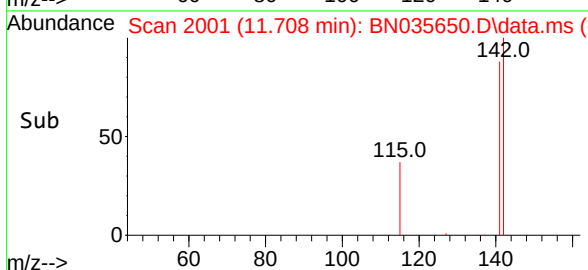
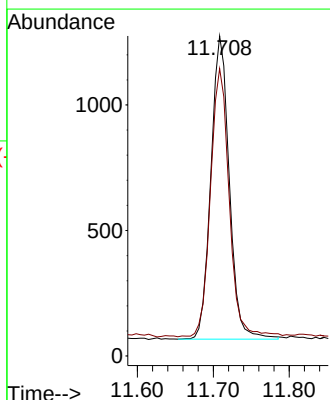
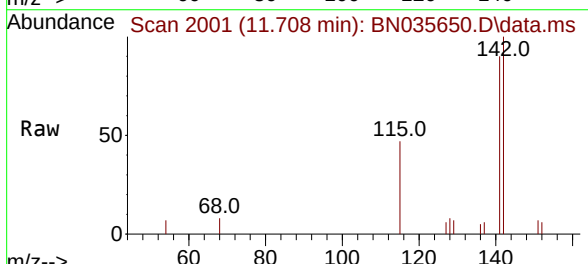
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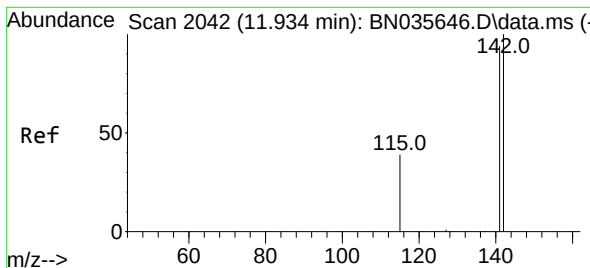
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

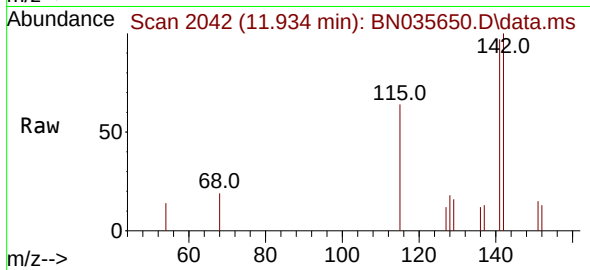
Tgt Ion:142 Resp: 2038
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

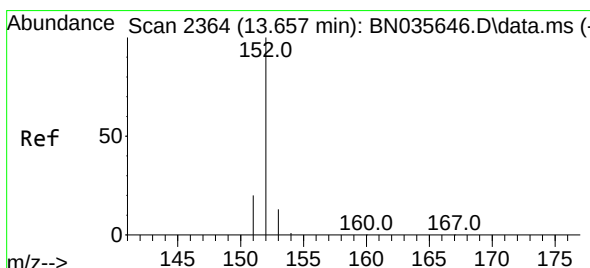
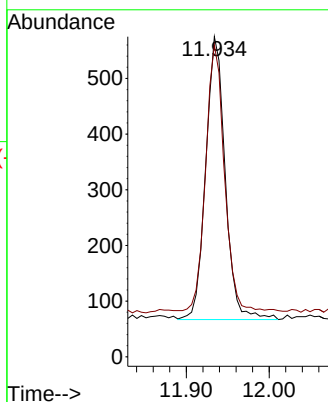
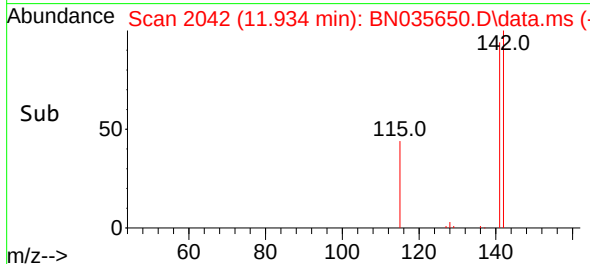
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 830
Ion Ratio Lower Upper
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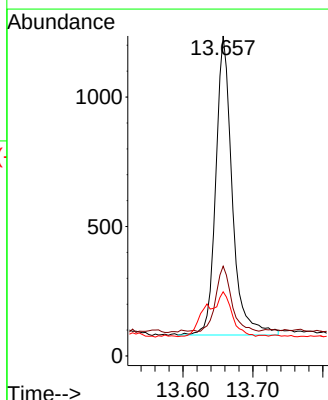
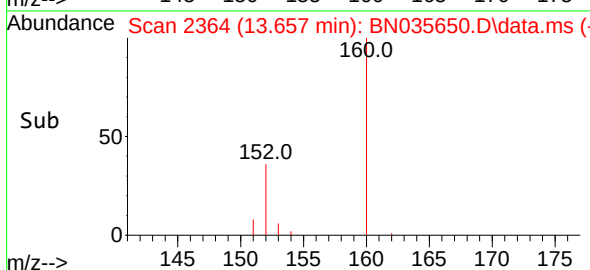
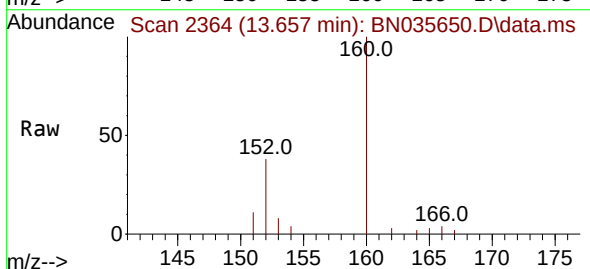
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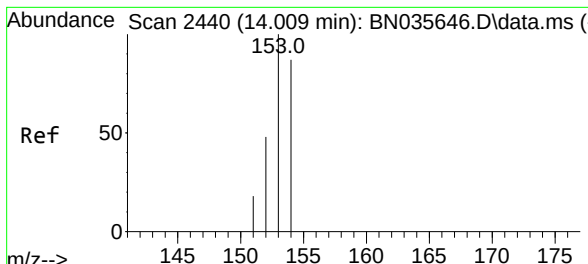
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

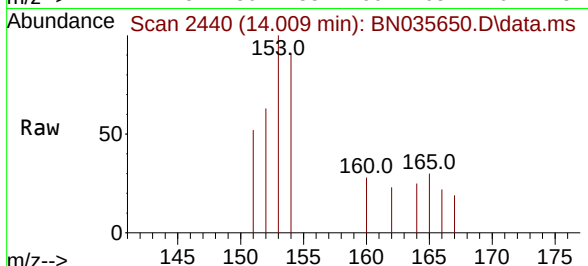
Tgt Ion:152 Resp: 1888
Ion Ratio Lower Upper
152 100
151 28.1 17.6 26.4#
153 20.1 11.4 17.2#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

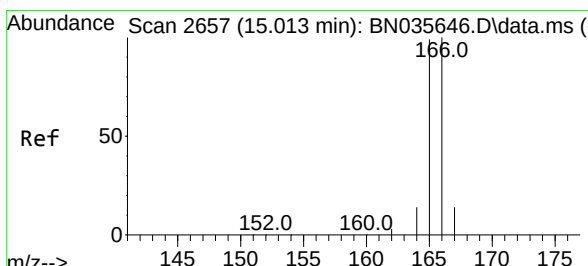
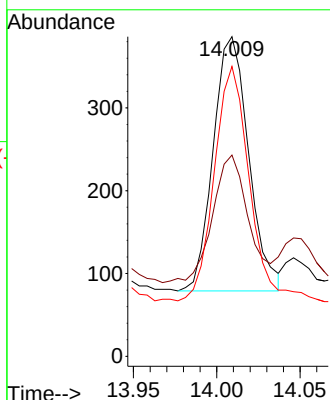
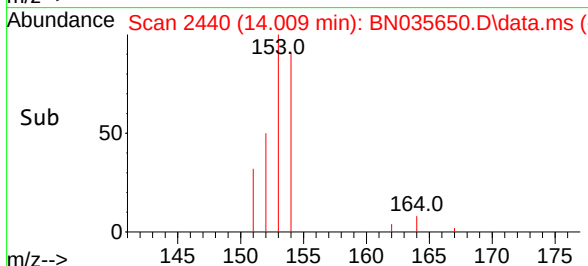
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:153 Resp: 454
Ion Ratio Lower Upper
153 100
152 63.0 39.8 59.6
154 90.7 69.8 104.8

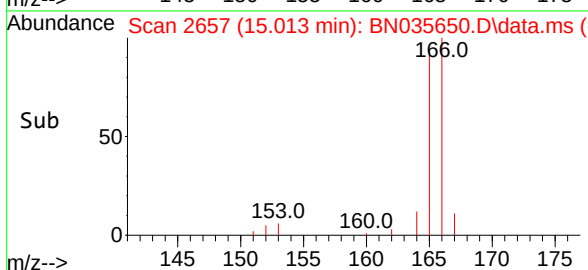
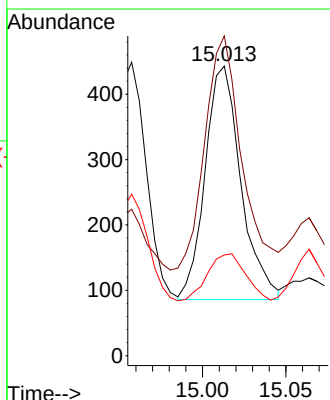
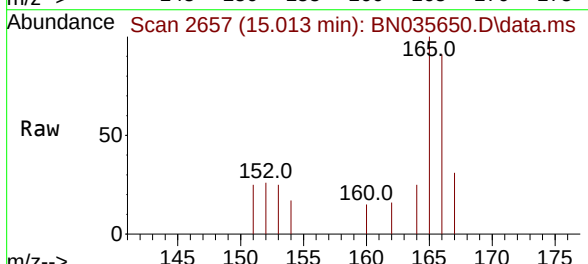
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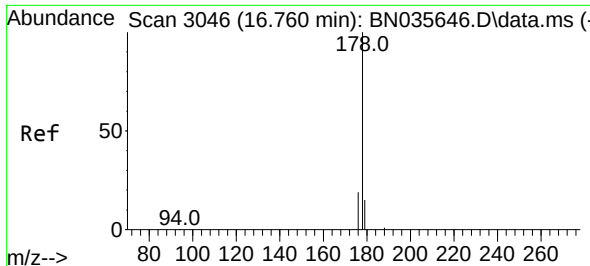
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

Tgt Ion:166 Resp: 533
Ion Ratio Lower Upper
166 100
165 110.4 79.5 119.3
167 34.8 11.8 17.8#





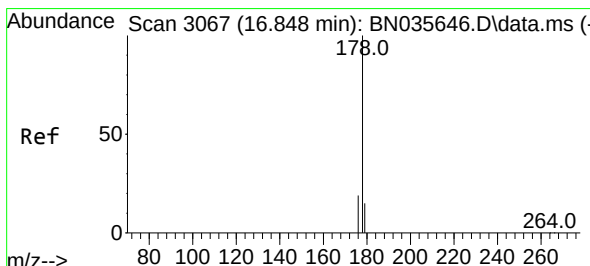
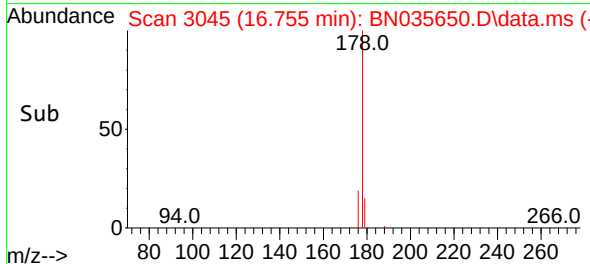
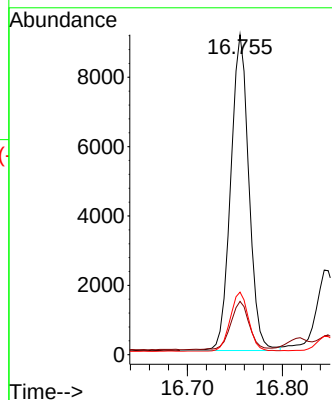
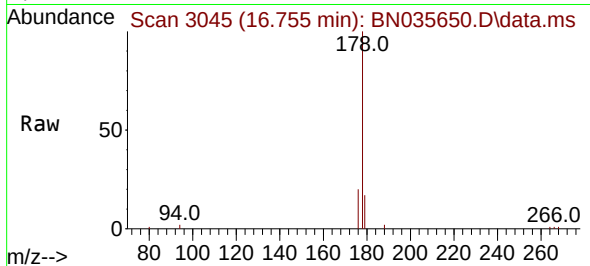
#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

Instrument :
BNA_N
ClientSampleId :
E28R5

Tgt Ion:178 Resp: 12110
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 19.6 15.8 23.8

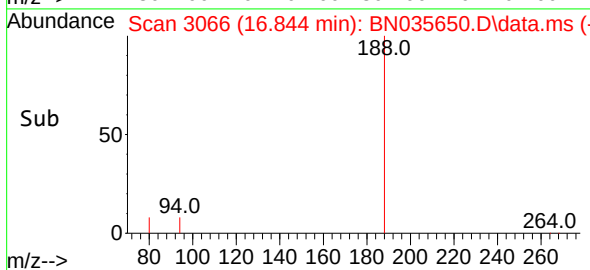
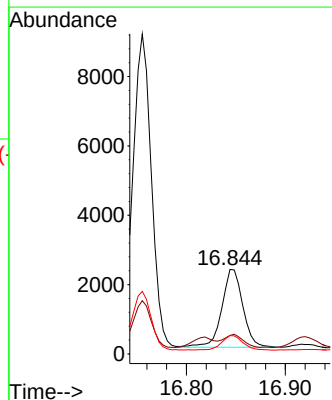
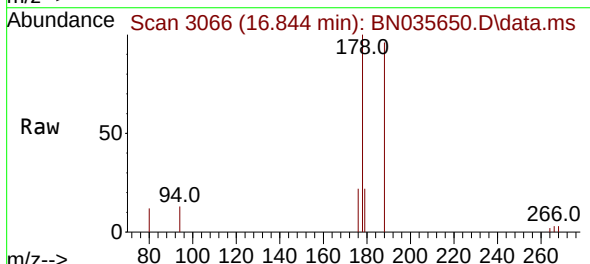
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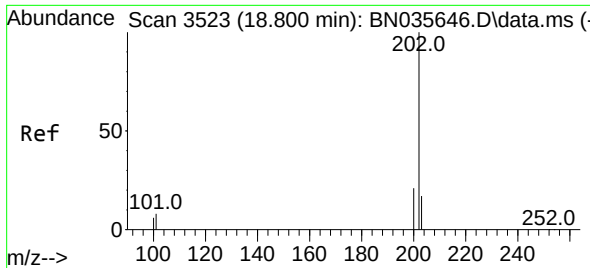
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#16
Anthracene
Concen: 0.092 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

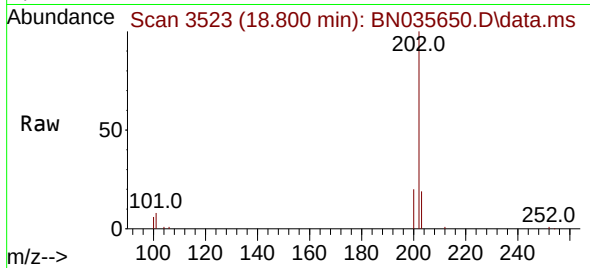
Tgt Ion:178 Resp: 3302
Ion Ratio Lower Upper
178 100
179 21.9 13.4 20.0#
176 21.8 15.4 23.0





#19
Fluoranthene
Concen: 0.621 ng/ul
RT: 18.800 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

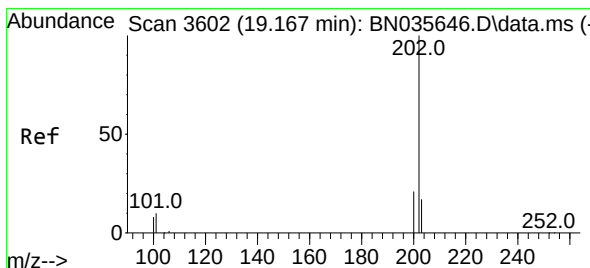
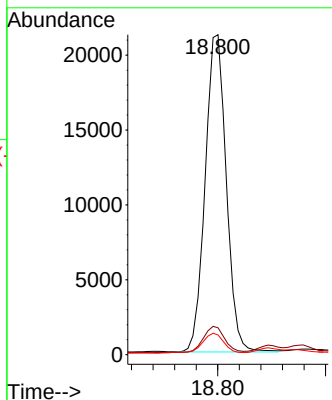
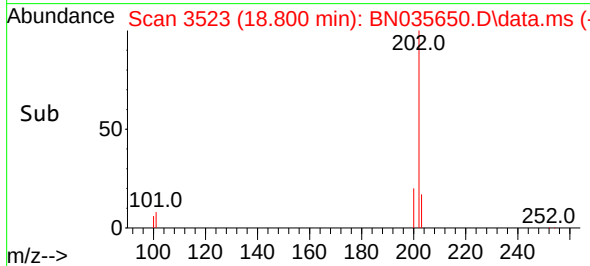
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:202 Resp: 2886
Ion Ratio Lower Upper
202 100
101 8.4 7.3 10.9
100 6.2 5.4 8.0

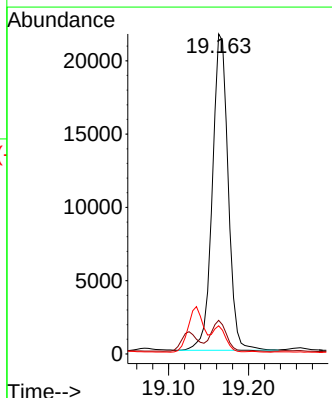
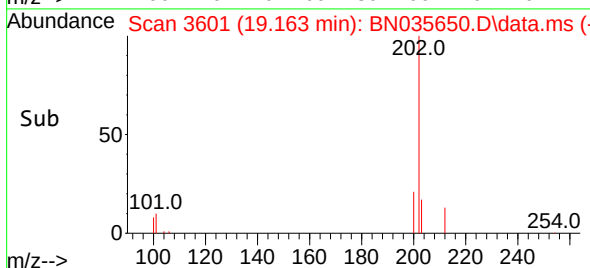
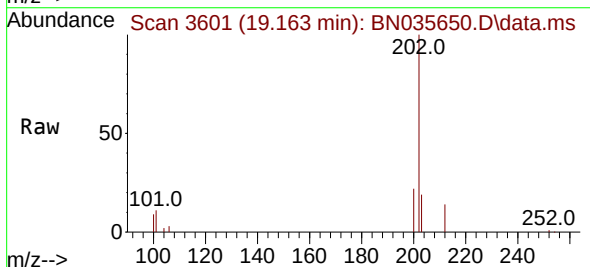
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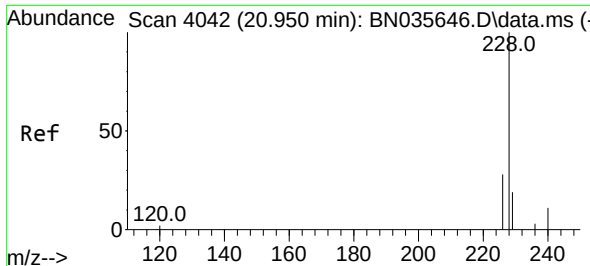
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.579 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

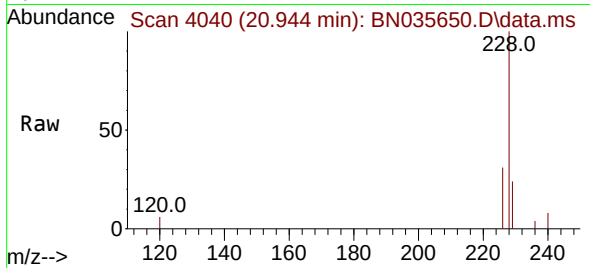
Tgt Ion:202 Resp: 29621
Ion Ratio Lower Upper
202 100
101 10.5 8.5 12.7
100 8.8 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.466 ng/ul
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

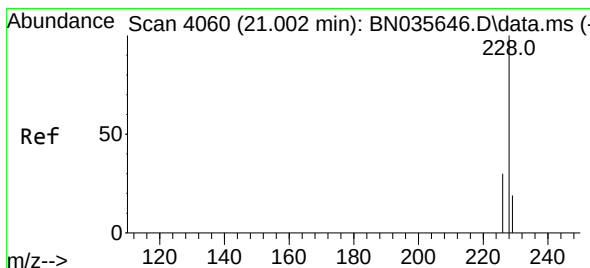
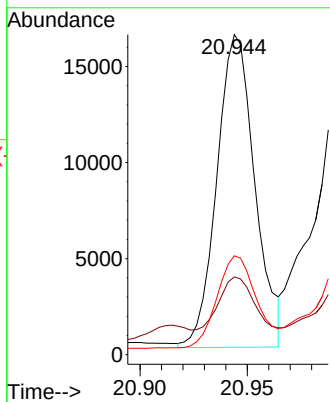
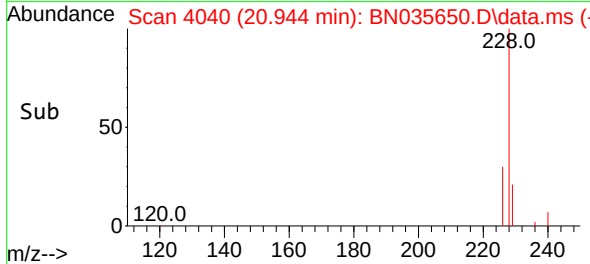
Instrument :
BNA_N
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E28R5



Tgt Ion:228 Resp: 20060
Ion Ratio Lower Upper
228 100
229 24.3 16.6 25.0
226 30.9 22.5 33.7

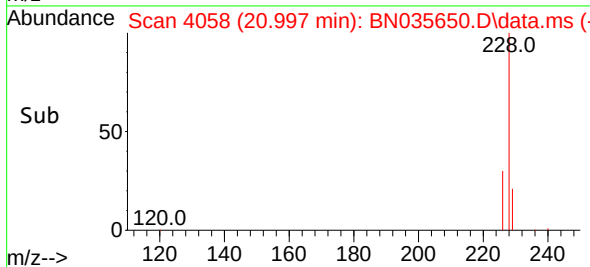
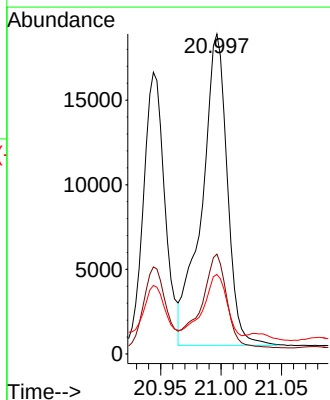
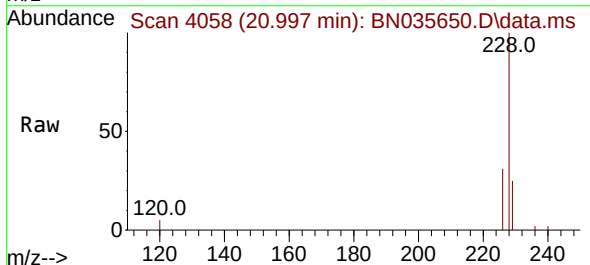
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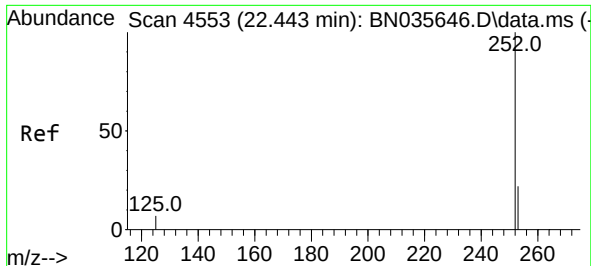
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.604 ng/ul m
RT: 20.997 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

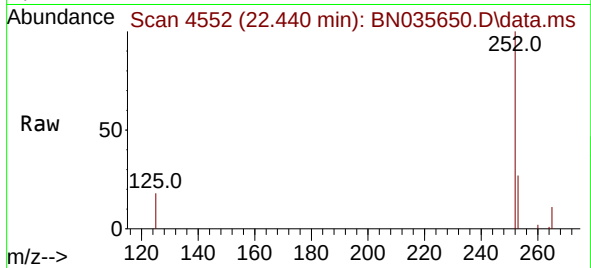
Tgt Ion:228 Resp: 26983
Ion Ratio Lower Upper
228 100
226 31.2 25.1 37.7
229 24.9 16.6 24.8#





#24
Benzo(b)fluoranthene
Concen: 1.058 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

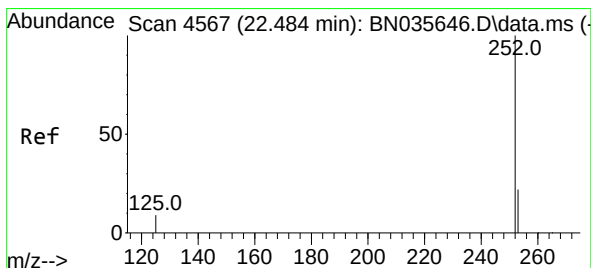
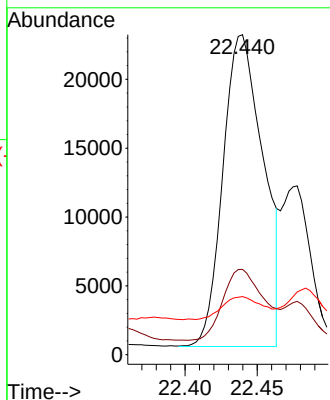
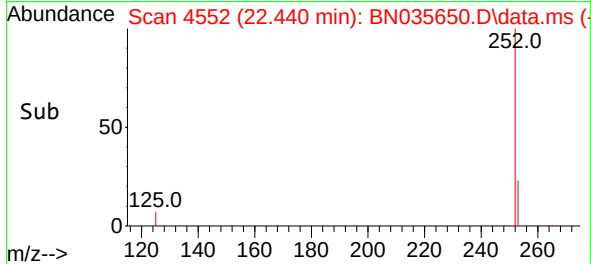
Instrument :
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ClientSampleId :
E28R5



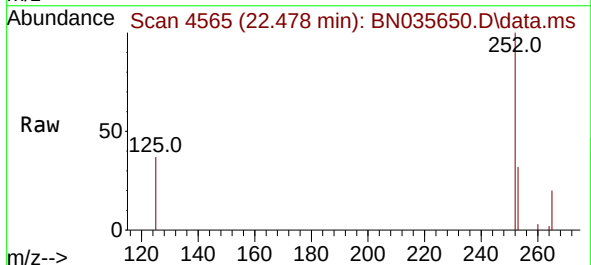
Tgt Ion:252 Resp: 43860
Ion Ratio Lower Upper
252 100
253 26.6 0.0 56.4
125 18.1 0.0 37.6

Manual Integrations
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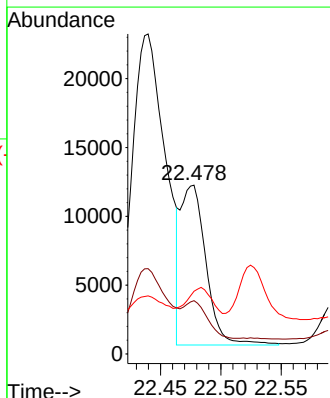
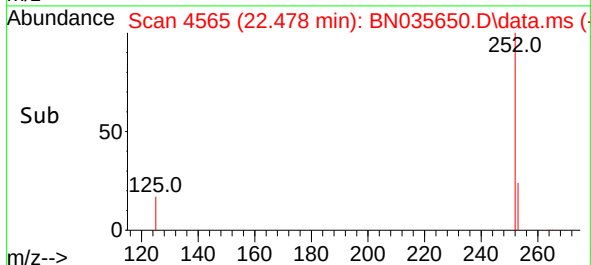
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Supervised By :mohammad ahmed 12/21/2024

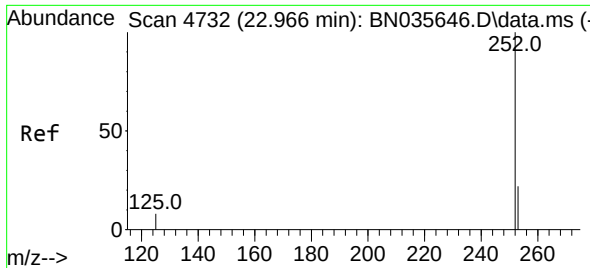


#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24



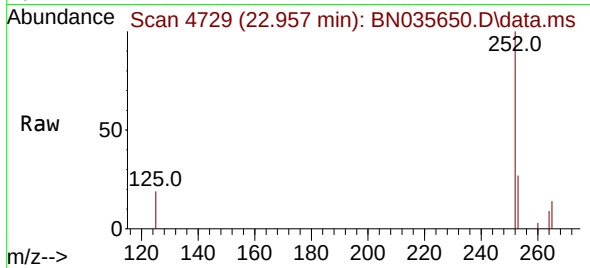
Tgt Ion:252 Resp: 17013
Ion Ratio Lower Upper
252 100
253 31.5 22.1 33.1
125 37.1 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.823 ng/ul
RT: 22.957 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

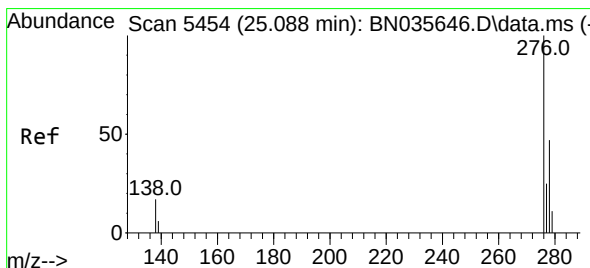
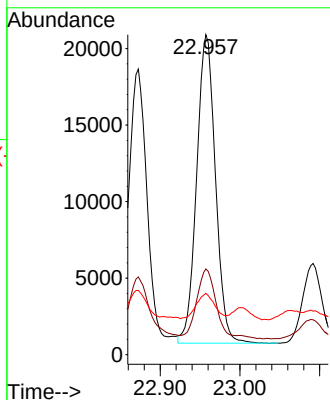
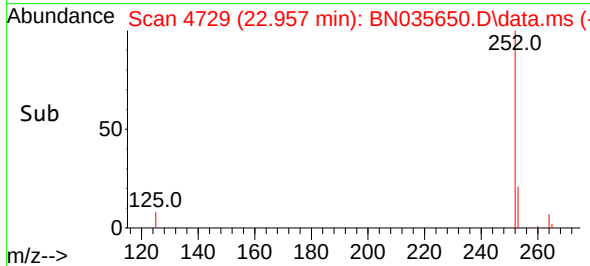
Instrument :
BNA_N
ClientSampleId :
E28R5



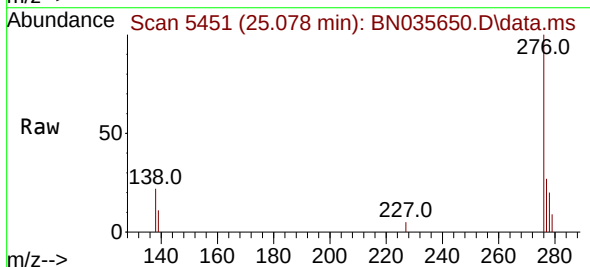
Tgt Ion:252 Resp: 33048
Ion Ratio Lower Upper
252 100
253 26.8 24.1 36.1
125 19.2 19.1 28.7

Manual Integrations
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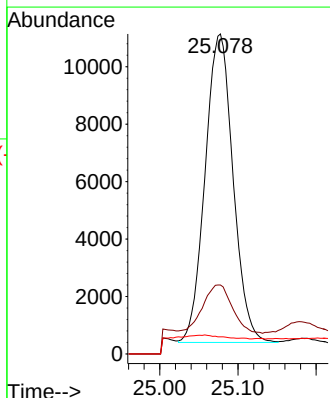
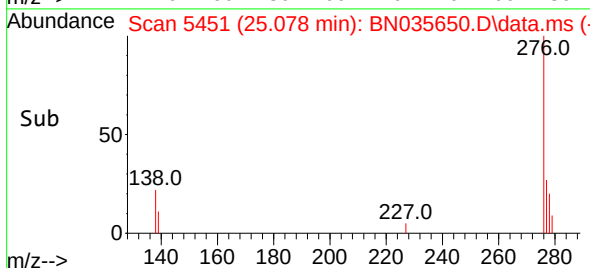
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

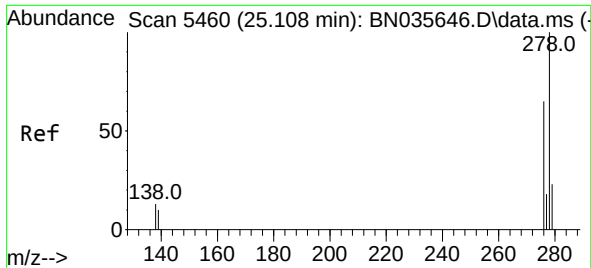


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.546 ng/ul m
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24



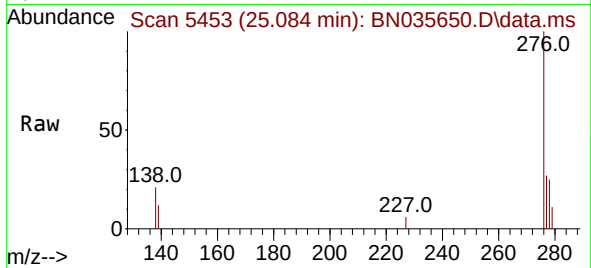
Tgt Ion:276 Resp: 26691
Ion Ratio Lower Upper
276 100
138 35.5 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul m
RT: 25.084 min Scan# 5460
Delta R.T. -0.017 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

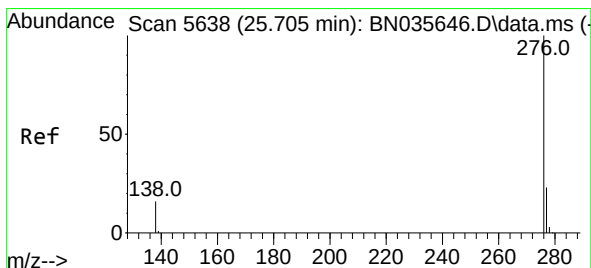
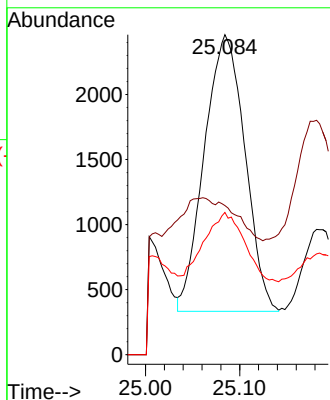
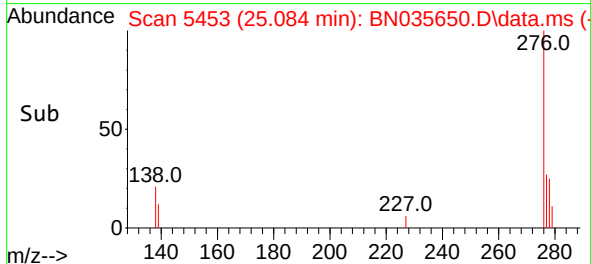
Instrument :
BNA_N
ClientSampleId :
E28R5



Tgt Ion:278 Resp: 6362
Ion Ratio Lower Upper
278 100
139 46.6 19.8 29.8
279 44.5 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.870 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. -0.006 min
Lab File: BN035650.D
Acq: 17 Dec 2024 12:24

Tgt Ion:276 Resp: 34112
Ion Ratio Lower Upper
276 100
138 20.5 19.6 29.4
277 25.9 21.6 32.4

