

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035560.D
 Acq On : 11 Dec 2024 10:34
 Operator : RC/JU
 Sample : P5066-03DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M2DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 11:18:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	3108	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	9600	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	6365	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11613	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	6848	0.400	ng/ul	# 0.00
23) Perylene-d12	23.056	264	8066	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1953	0.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	861	0.061	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	1485	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	27015	1.117	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	60471	3.605	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	41240	2.436	ng/ul	98
10) Acenaphthylene	13.671	152	3117	0.123	ng/ul#	1
11) Acenaphthene	14.013	153	6305	0.326	ng/ul	97
12) Fluorene	15.017	166	27416	1.209	ng/ul#	95
15) Phenanthrene	16.759	178	192082	6.257	ng/ul	99
16) Anthracene	16.848	178	49481	1.736	ng/ul#	94
19) Fluoranthene	18.800	202	53699	2.252	ng/ul	97
20) Pyrene	19.167	202	58452	2.356	ng/ul#	96
21) Benzo(a)anthracene	20.950	228	6676	0.281	ng/ul#	71
22) Chrysene	20.999	228	8516	0.356	ng/ul#	67
24) Benzo(b)fluoranthene	22.445	252	3589m	0.135	ng/ul	
25) Benzo(k)fluoranthene	22.480	252	1440m	0.052	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.087	276	1494m	0.045	ng/ul	
29) Benzo(g,h,i)perylene	25.708	276	1881	0.072	ng/ul#	1

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

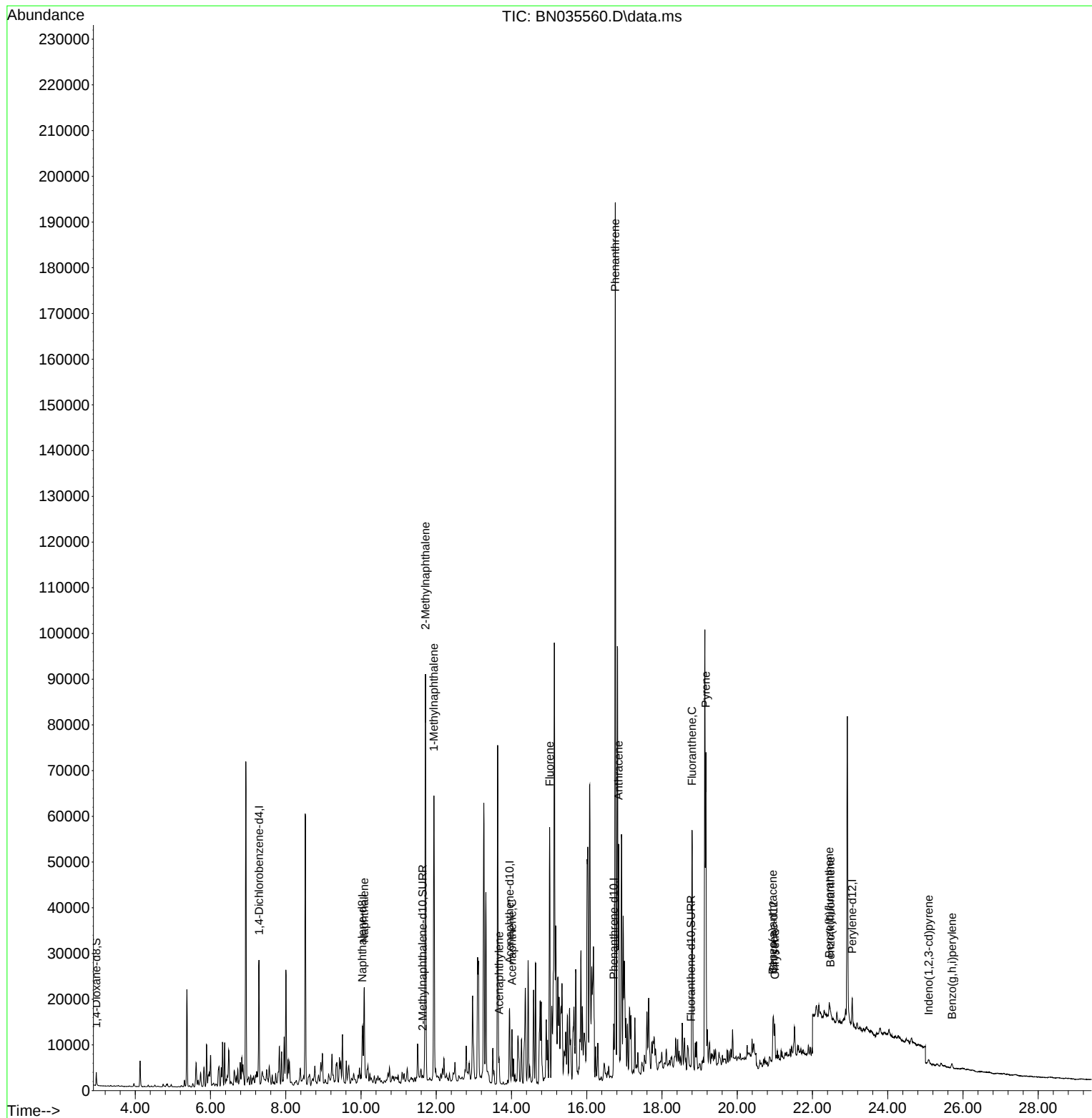
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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ALS Vial : 31 Sample Multiplier: 1

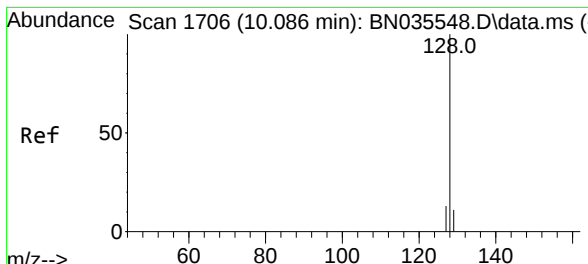
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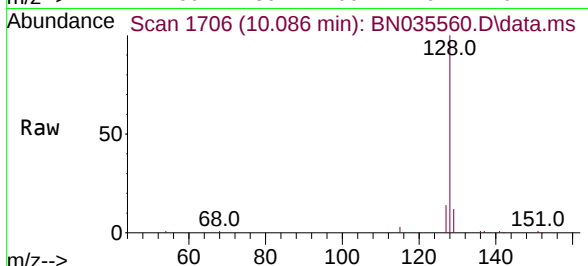
Quant Time: Dec 11 11:18:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 1.117 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

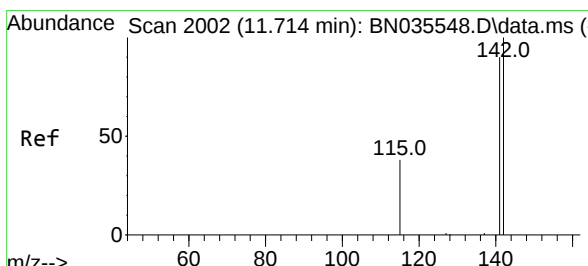
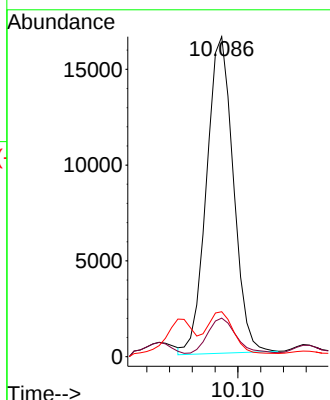
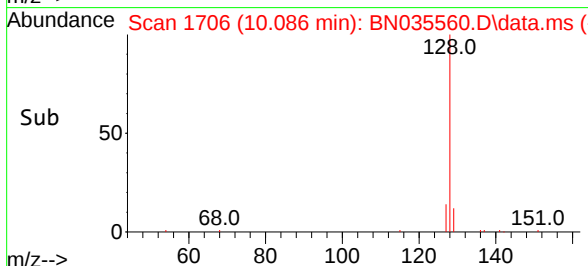
Instrument :
BNA_N
ClientSampleId :
E28M2DL



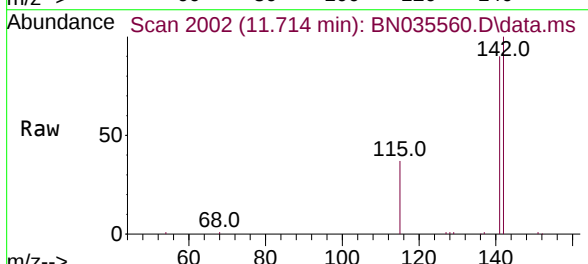
Tgt Ion:128 Resp: 27015
Ion Ratio Lower Upper
128 100
129 12.0 9.9 14.9
127 14.0 11.4 17.2

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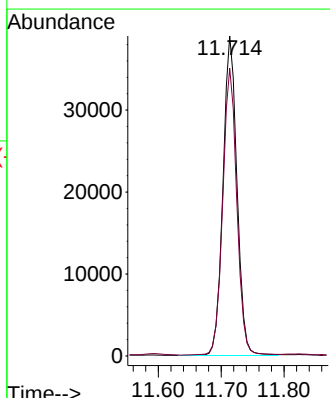
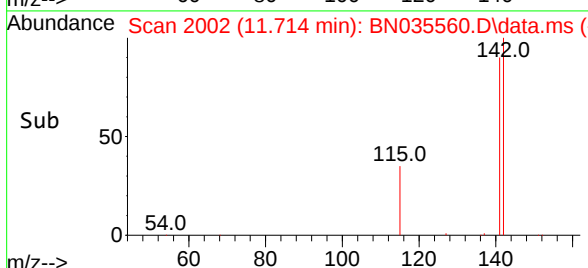
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

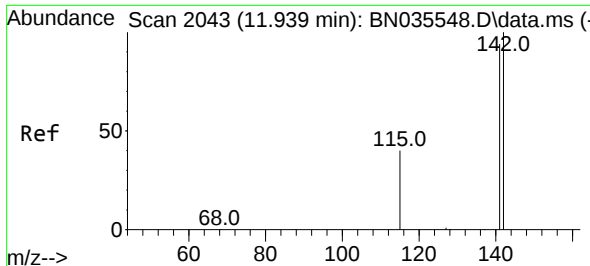


#7
2-Methylnaphthalene
Concen: 3.605 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34



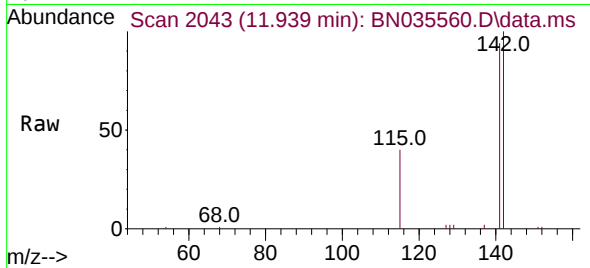
Tgt Ion:142 Resp: 60471
Ion Ratio Lower Upper
142 100
141 90.4 70.4 105.6





#8
1-Methylnaphthalene
Concen: 2.436 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

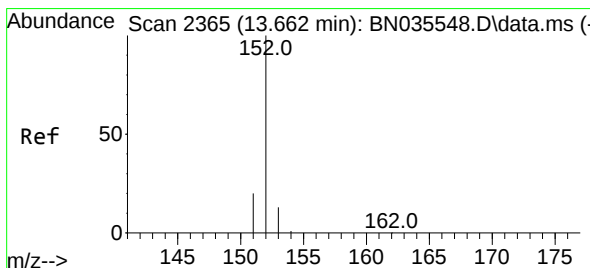
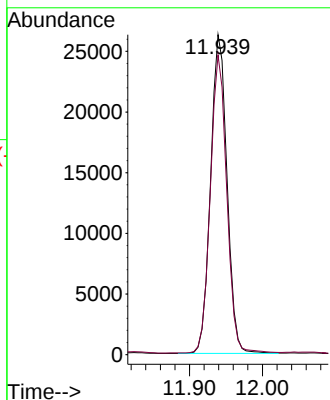
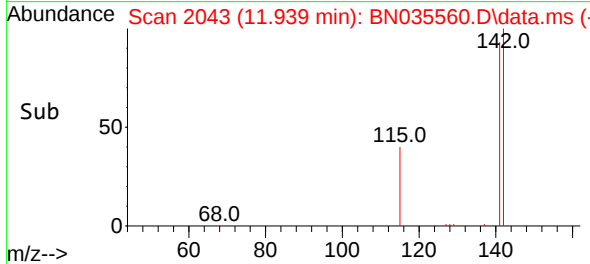
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 41240
Ion Ratio Lower Upper
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141 93.4 73.1 109.7

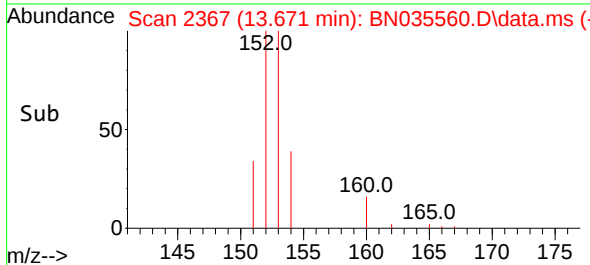
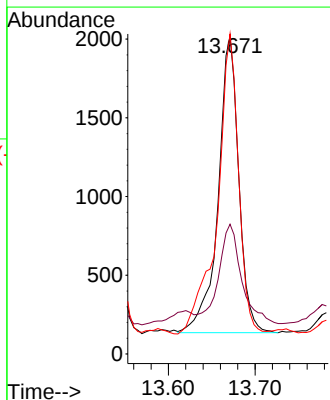
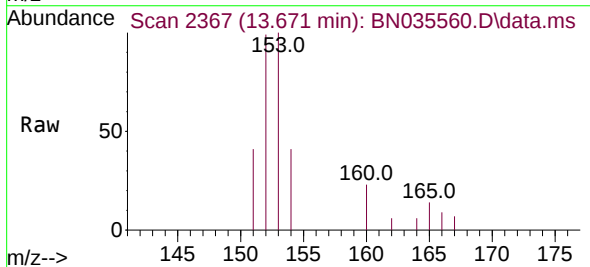
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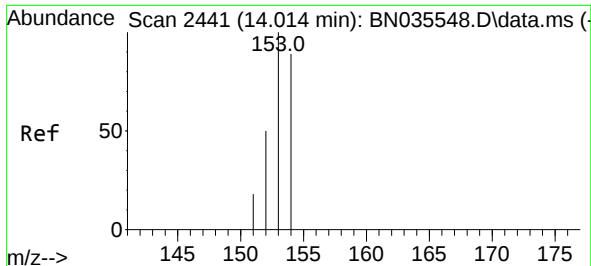
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Acenaphthylene
Concen: 0.123 ng/ul
RT: 13.671 min Scan# 2367
Delta R.T. 0.009 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

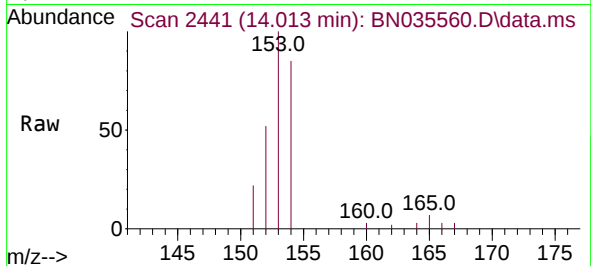
Tgt Ion:152 Resp: 3117
Ion Ratio Lower Upper
152 100
151 40.8 16.4 24.6#
153 100.6 11.1 16.7#





#11
Acenaphthene
Concen: 0.326 ng/u1
RT: 14.013 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

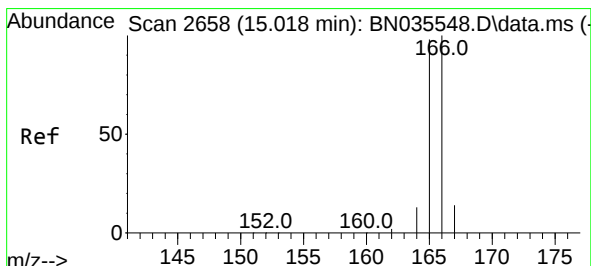
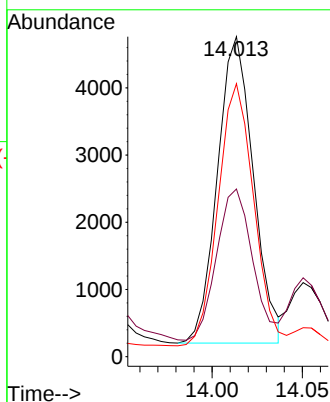
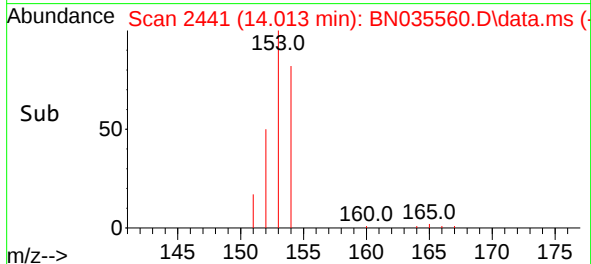
Instrument :
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ClientSampleId :
E28M2DL



Tgt Ion:153 Resp: 6309
Ion Ratio Lower Upper
153 100
152 52.4 41.4 62.0
154 85.3 71.2 106.8

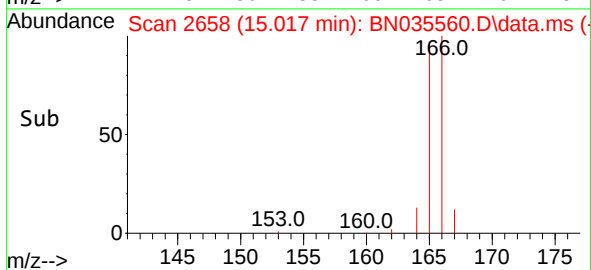
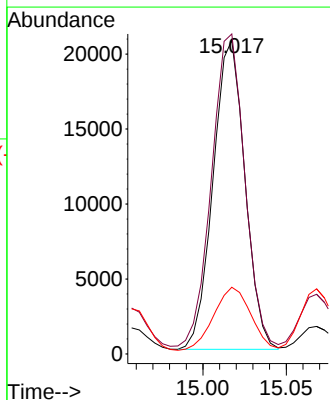
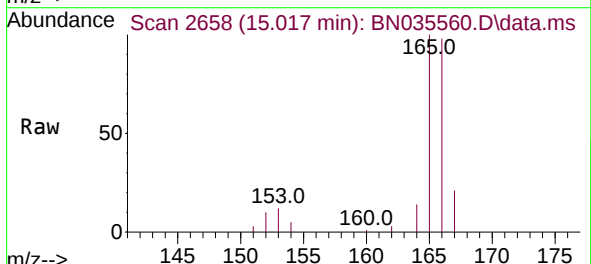
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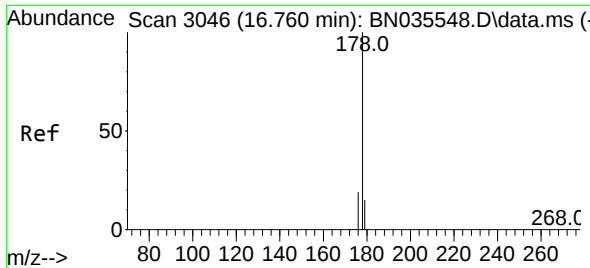
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
Fluorene
Concen: 1.209 ng/u1
RT: 15.017 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

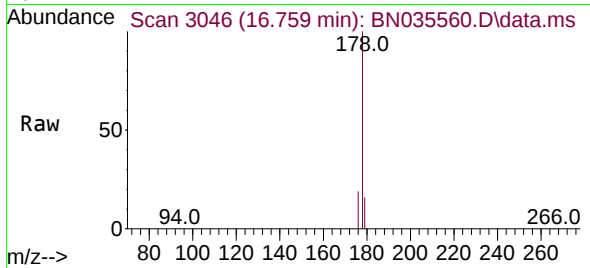
Tgt Ion:166 Resp: 27416
Ion Ratio Lower Upper
166 100
165 102.0 78.6 118.0
167 21.3 11.8 17.6#





#15
Phenanthrene
Concen: 6.257 ng/ul
RT: 16.759 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

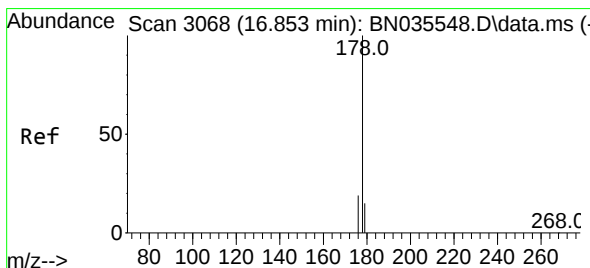
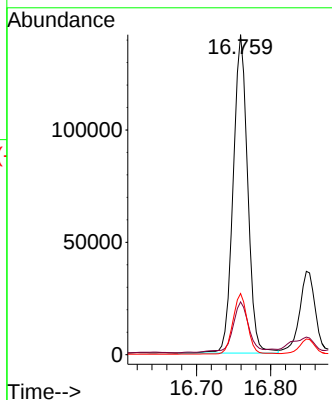
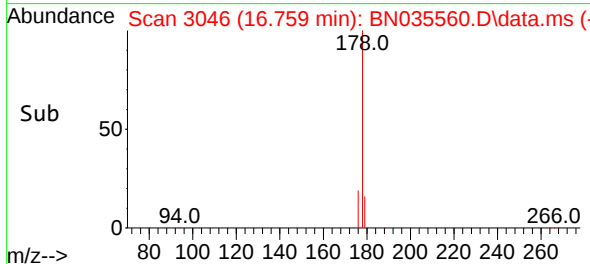
Instrument :
BNA_N
ClientSampleId :
E28M2DL



Tgt Ion:178 Resp: 192081
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.1 15.6 23.4

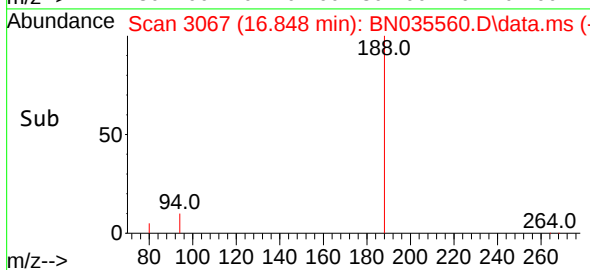
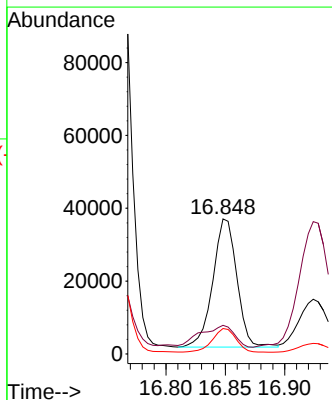
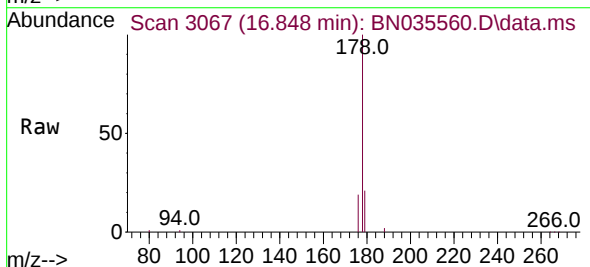
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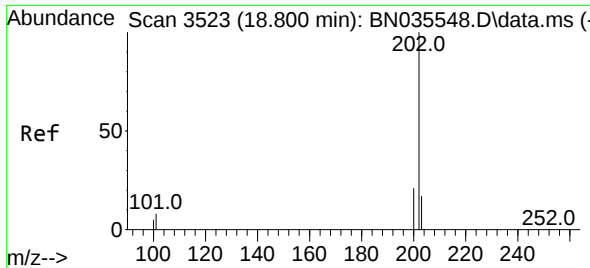
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 1.736 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

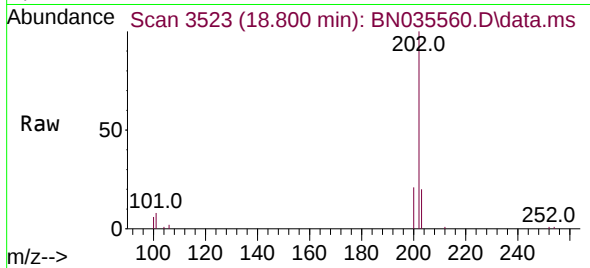
Tgt Ion:178 Resp: 49481
Ion Ratio Lower Upper
178 100
179 21.2 12.9 19.3#
176 18.9 15.4 23.2





#19
Fluoranthene
Concen: 2.252 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

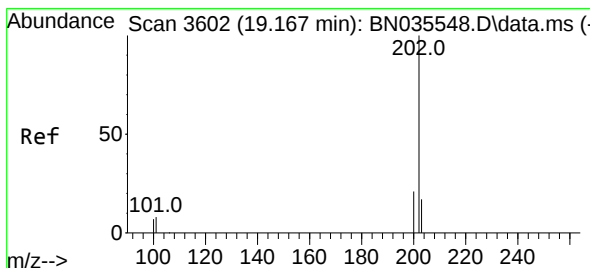
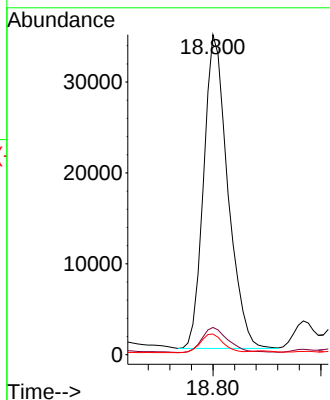
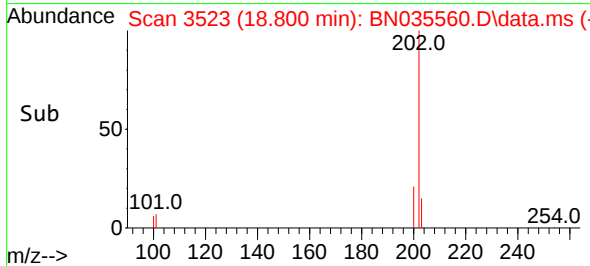
Instrument :
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E28M2DL



Tgt Ion:202 Resp: 53699
Ion Ratio Lower Upper
202 100
101 8.5 5.8 8.6
100 6.4 4.5 6.7

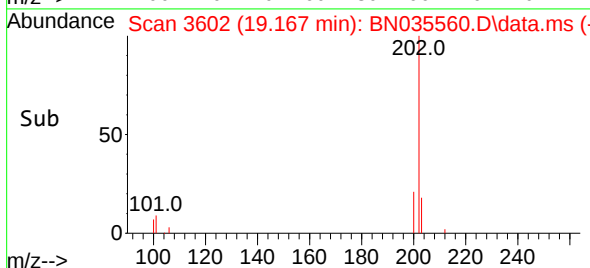
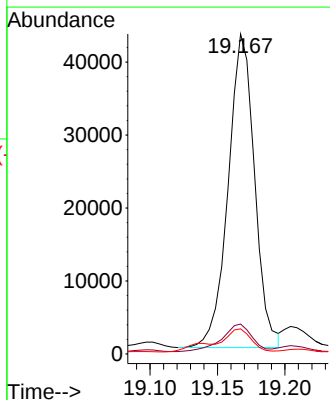
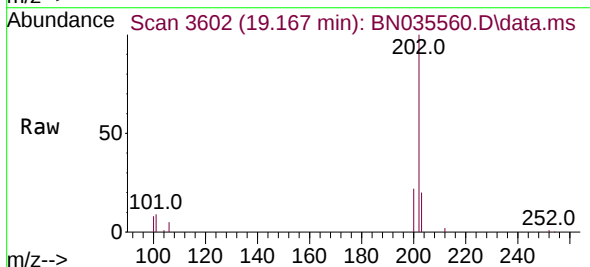
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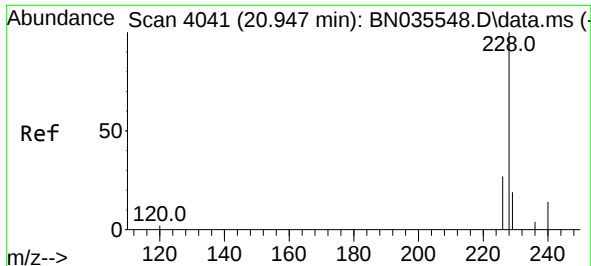
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 2.356 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

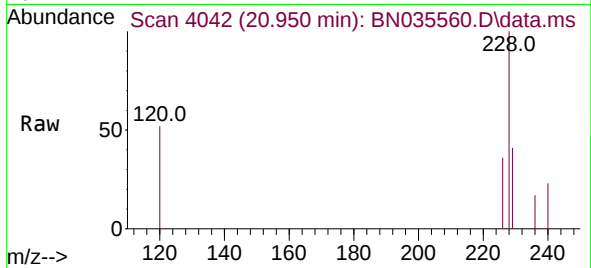
Tgt Ion:202 Resp: 58452
Ion Ratio Lower Upper
202 100
101 9.4 6.2 9.4
100 7.8 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.281 ng/ul
RT: 20.950 min Scan# 4041
Delta R.T. 0.003 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

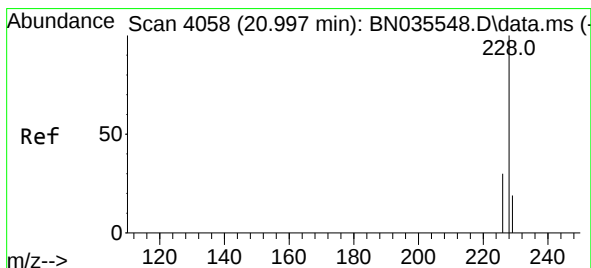
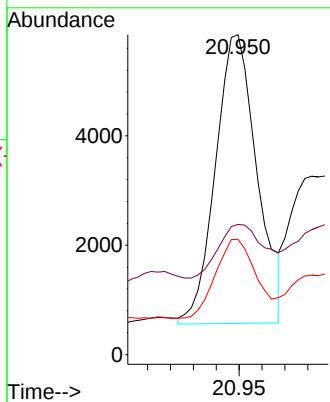
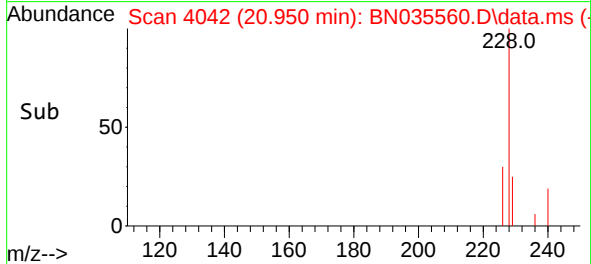
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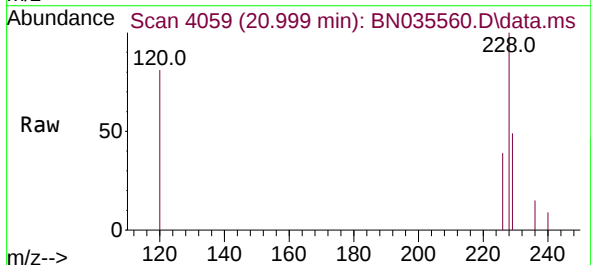
Tgt Ion:228 Resp: 6670
Ion Ratio Lower Upper
228 100
229 40.7 15.8 23.8
226 36.0 21.8 32.8

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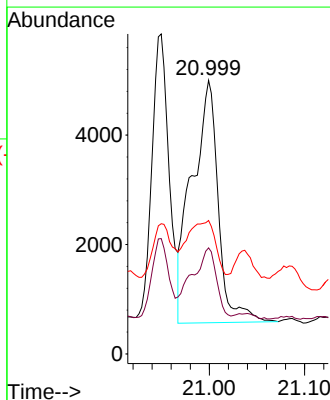
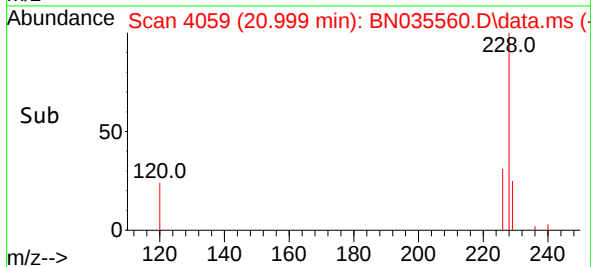
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

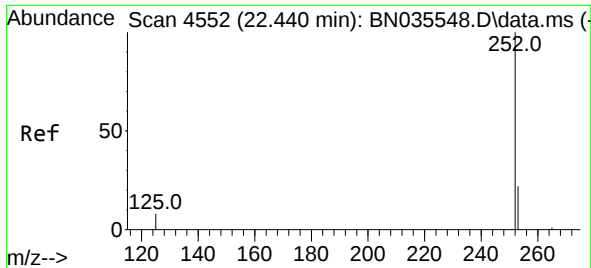


#22
Chrysene
Concen: 0.356 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34



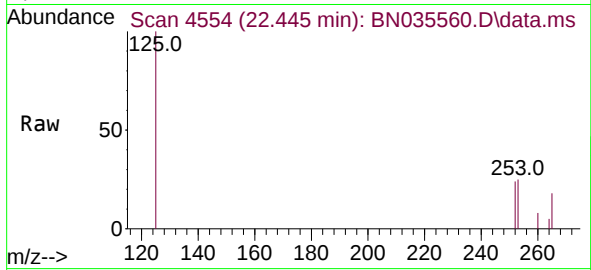
Tgt Ion:228 Resp: 8516
Ion Ratio Lower Upper
228 100
226 38.8 24.7 37.1#
229 48.7 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.135 ng/ul m
RT: 22.445 min Scan# 4554
Delta R.T. 0.006 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

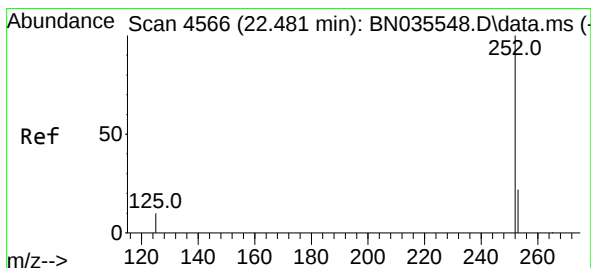
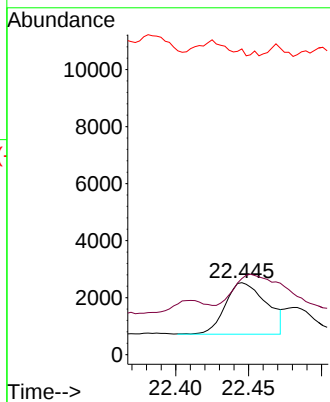
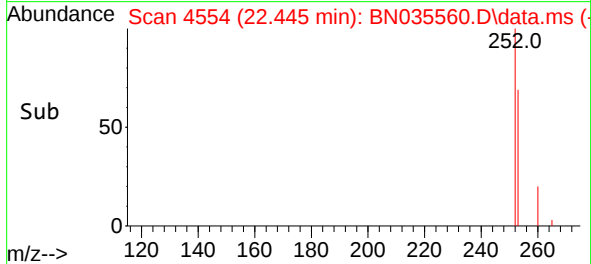
Instrument :
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Tgt Ion:252 Resp: 3589
Ion Ratio Lower Upper
252 100
253 105.8 0.0 54.0#
125 424.3 0.0 19.4#

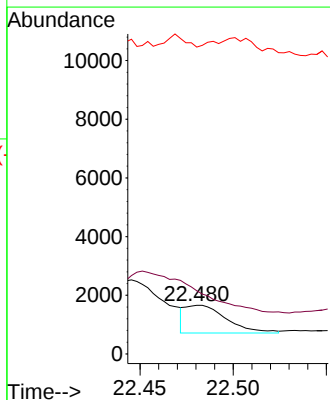
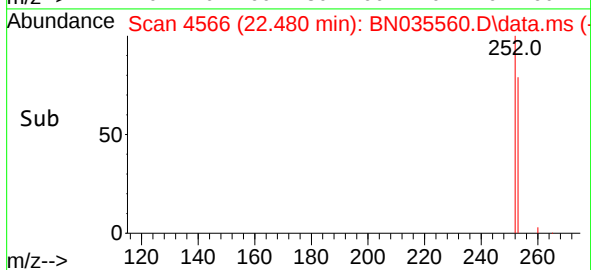
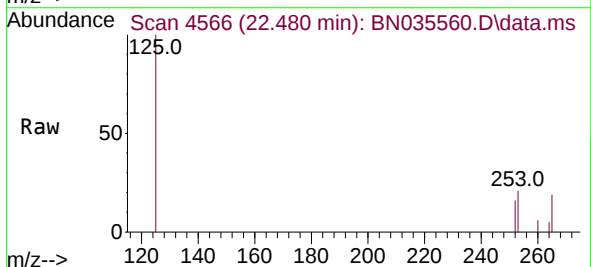
Manual Integrations
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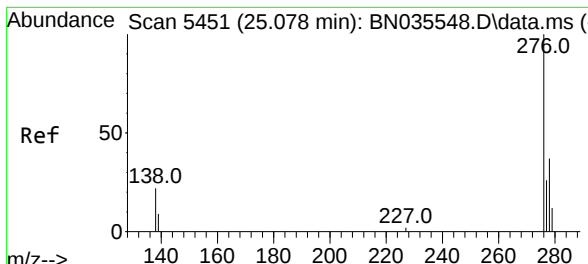
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.052 ng/ul m
RT: 22.480 min Scan# 4566
Delta R.T. -0.000 min
Lab File: BN035560.D
Acq: 11 Dec 2024 10:34

Tgt Ion:252 Resp: 1440
Ion Ratio Lower Upper
252 100
253 129.8 21.8 32.6#
125 631.0 8.6 12.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.045 ng/ul m
 RT: 25.087 min Scan# 5451
 Delta R.T. 0.007 min
 Lab File: BN035560.D
 Acq: 11 Dec 2024 10:34

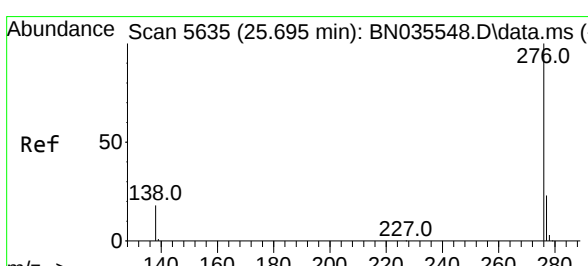
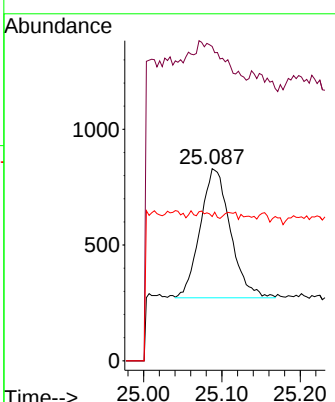
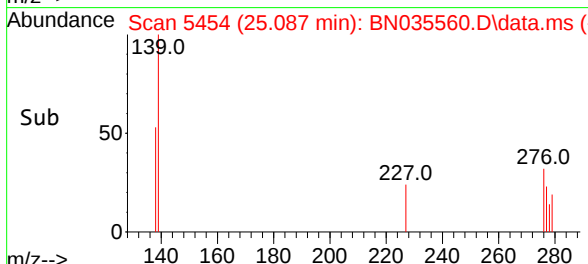
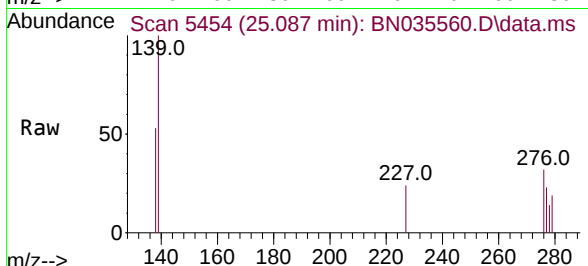
Instrument :
 BNA_N
 ClientSampleId :
 E28M2DL

Tgt Ion: 276 Resp: 1494

Ion	Ratio	Lower	Upper
276	100		
138	1354.6	13.8	20.8
227	0.0	0.2	0.4

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.072 ng/ul
 RT: 25.708 min Scan# 5639
 Delta R.T. 0.017 min
 Lab File: BN035560.D
 Acq: 11 Dec 2024 10:34

Tgt Ion: 276 Resp: 1881

Ion	Ratio	Lower	Upper
276	100		
138	127.6	13.0	19.6#
277	63.2	20.5	30.7#

