

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035661.D
 Acq On : 17 Dec 2024 18:59
 Operator : RC/JU
 Sample : P5232-12DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 18 01:26:18 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	2991	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8587	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5840	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12042	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9925	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	10759m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1503	0.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	447	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	935	0.032	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.075	128	834m	0.040	ng/ul	
7) 2-Methylnaphthalene	11.708	142	718	0.051	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	533	0.036	ng/ul	99
10) Acenaphthylene	13.657	152	1067	0.047	ng/ul#	82
15) Phenanthrene	16.755	178	5402	0.179	ng/ul	97
16) Anthracene	16.844	178	1235m	0.044	ng/ul	
19) Fluoranthene	18.795	202	17265	0.486	ng/ul	99
20) Pyrene	19.163	202	13235	0.338	ng/ul	99
21) Benzo(a)anthracene	20.944	228	4138	0.126	ng/ul#	81
22) Chrysene	20.996	228	7087	0.207	ng/ul#	92
24) Benzo(b)fluoranthene	22.440	252	8438m	0.266	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	3180m	0.091	ng/ul	
26) Benzo(a)pyrene	22.954	252	4332	0.141	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	25.074	276	3537m	0.095	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	771m	0.027	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	3557	0.119	ng/ul#	67

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

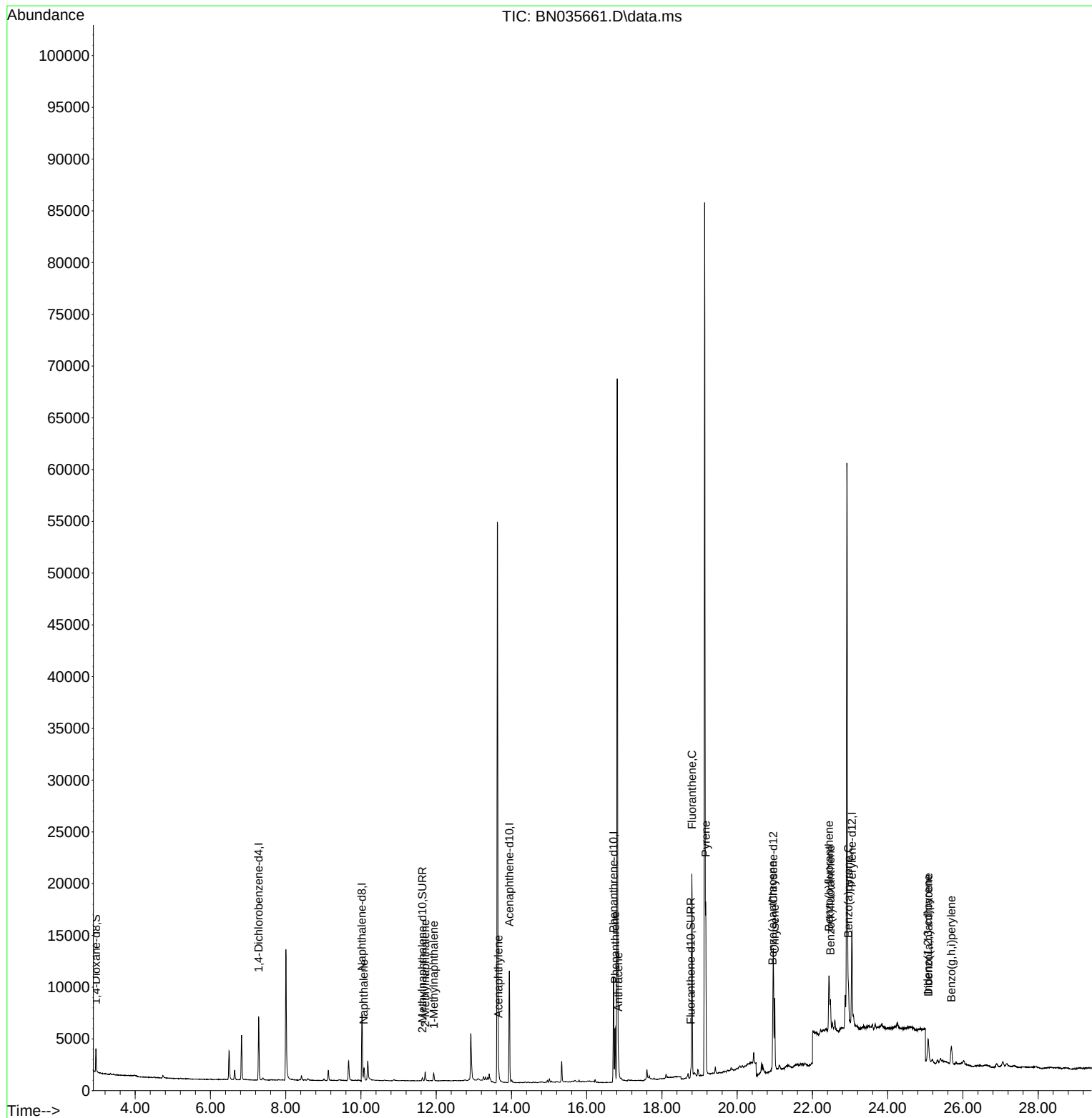
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035661.D
Acq On : 17 Dec 2024 18:59
Operator : RC/JU
Sample : P5232-12DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

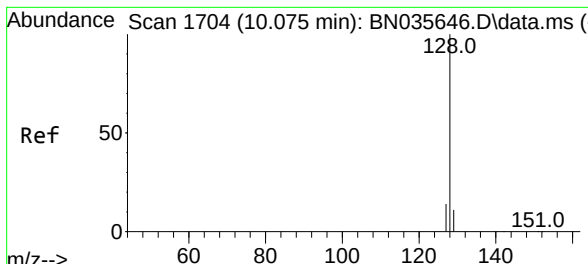
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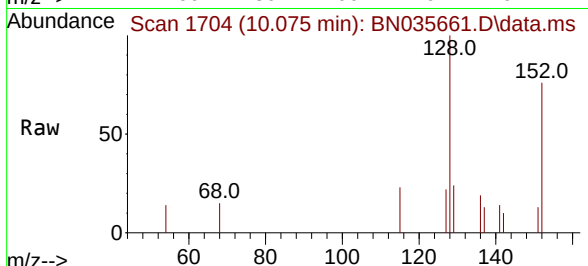
Quant Time: Dec 18 01:26:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.040 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

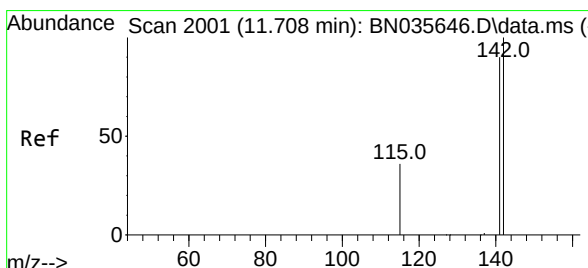
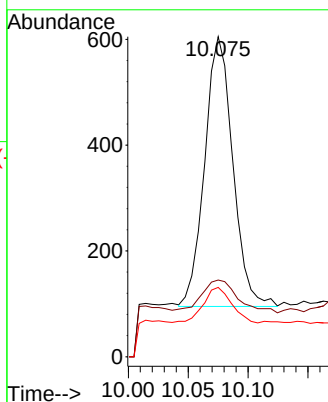
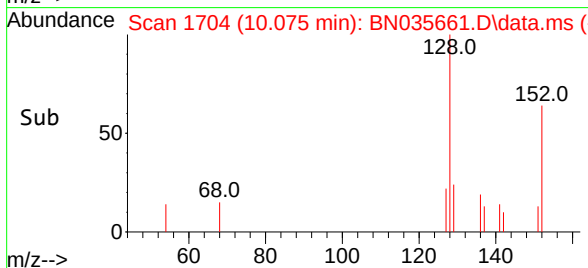
Instrument :
BNA_N
ClientSampleId :
E28S6DL



Tgt Ion:128 Resp: 834
Ion Ratio Lower Upper
128 100
129 24.0 10.8 16.2
127 21.7 12.0 18.0

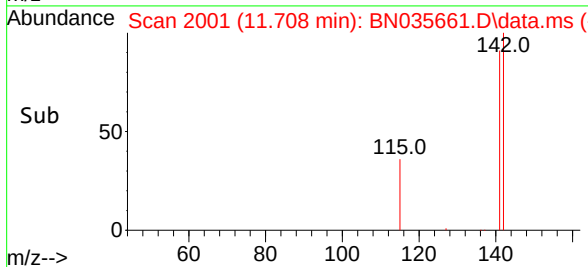
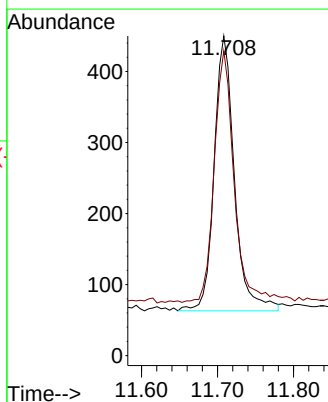
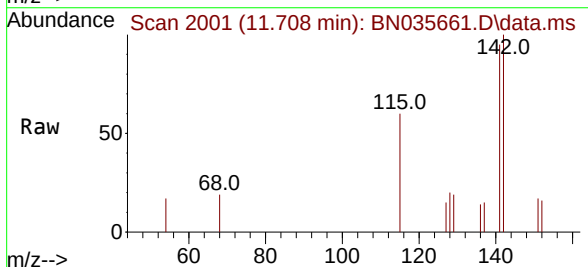
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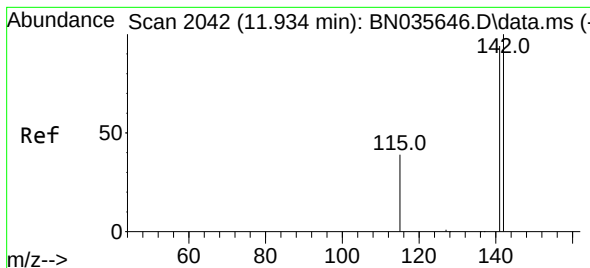
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Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

Tgt Ion:142 Resp: 718
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.036 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035661.D

Acq: 17 Dec 2024 18:59

Instrument :

BNA_N

ClientSampleId :

E28S6DL

Tgt Ion:142 Resp: 538

Ion Ratio Lower Upper

142 100

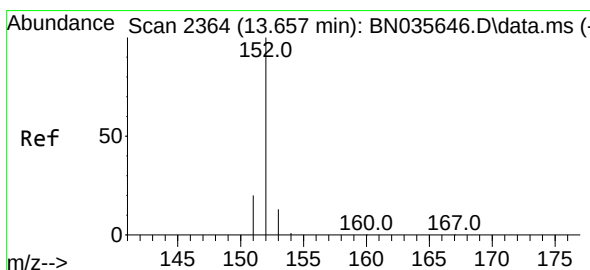
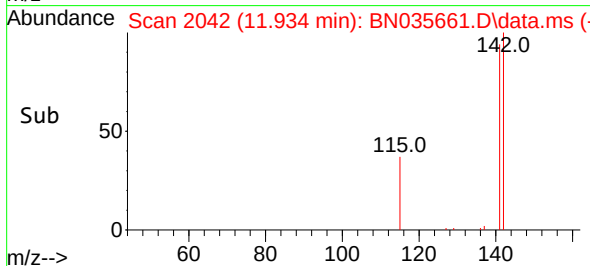
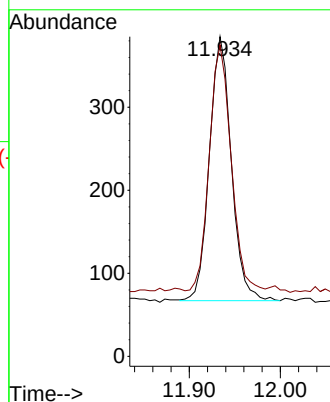
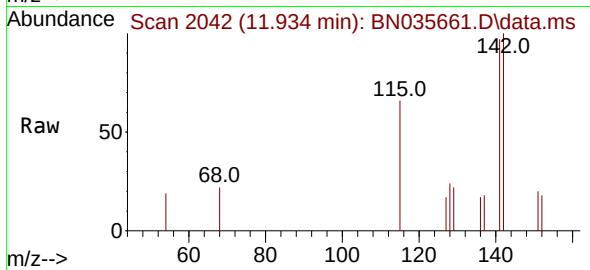
141 92.1 74.7 112.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.004 min

Lab File: BN035661.D

Acq: 17 Dec 2024 18:59

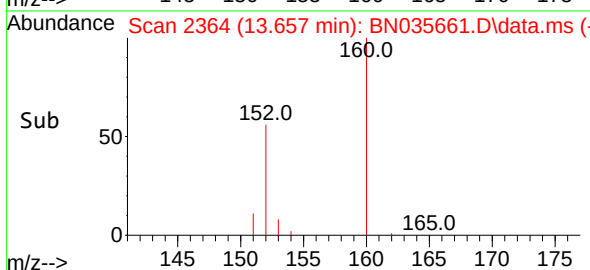
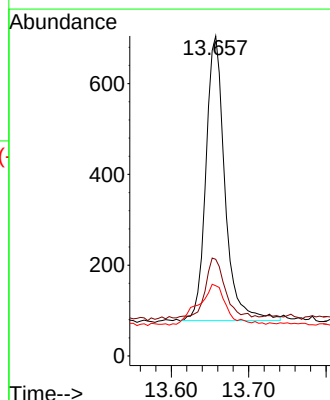
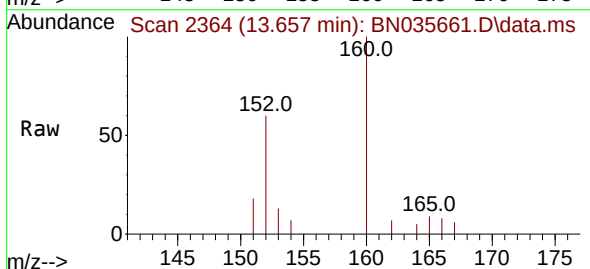
Tgt Ion:152 Resp: 1067

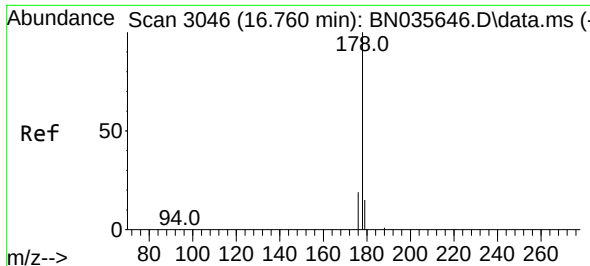
Ion Ratio Lower Upper

152 100

151 30.2 17.6 26.4#

153 22.0 11.4 17.2#





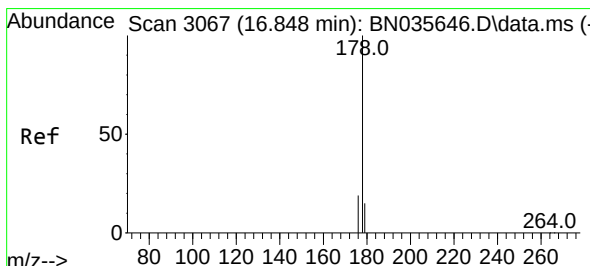
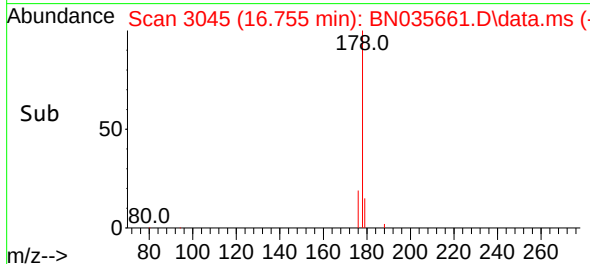
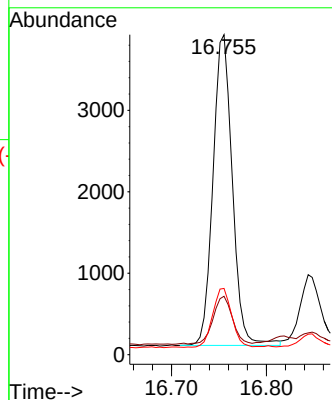
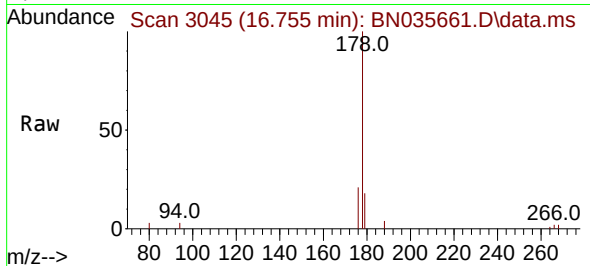
#15
Phenanthrene
Concen: 0.179 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

Instrument :
BNA_N
ClientSampleId :
E28S6DL

Tgt Ion:178 Resp: 540
Ion Ratio Lower Upper
178 100
179 18.2 13.3 19.9
176 20.7 15.8 23.8

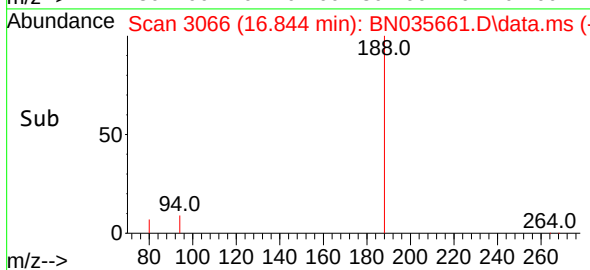
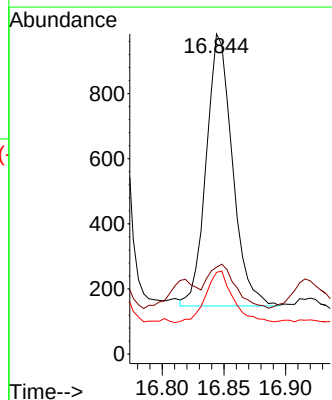
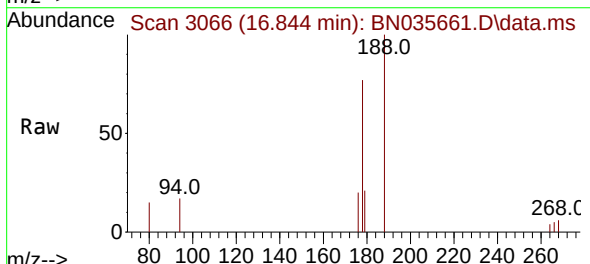
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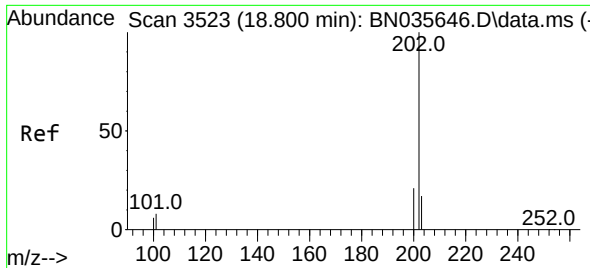
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.044 ng/ul m
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

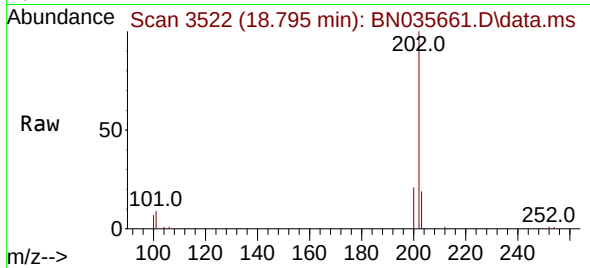
Tgt Ion:178 Resp: 1235
Ion Ratio Lower Upper
178 100
179 27.2 13.4 20.0#
176 25.5 15.4 23.0#





#19
Fluoranthene
Concen: 0.486 ng/u1
RT: 18.795 min Scan# 3522
Delta R.T. -0.004 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

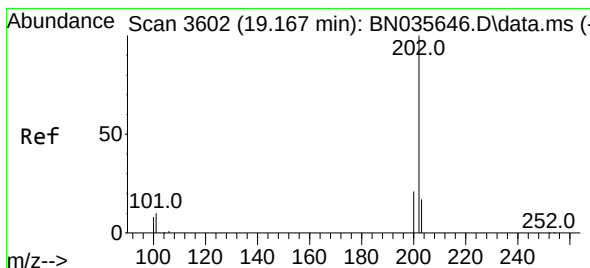
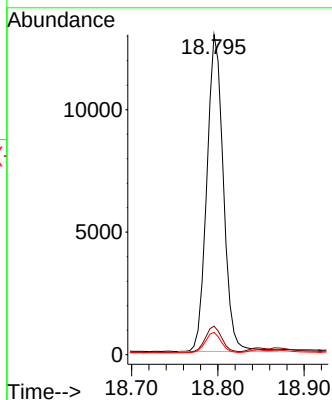
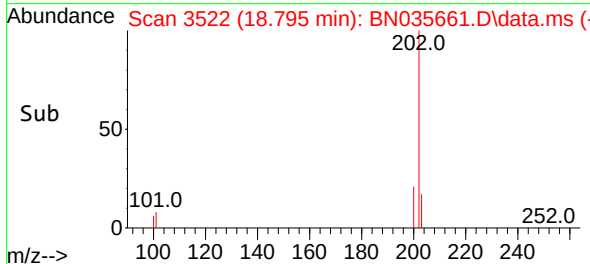
Instrument :
BNA_N
ClientSampleId :
E28S6DL



Tgt Ion:202 Resp: 1726
Ion Ratio Lower Upper
202 100
101 8.9 7.3 10.9
100 6.9 5.4 8.0

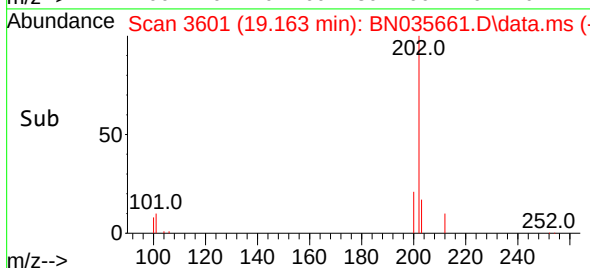
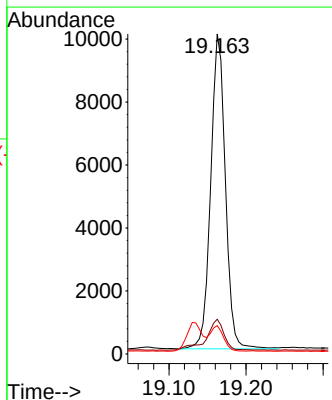
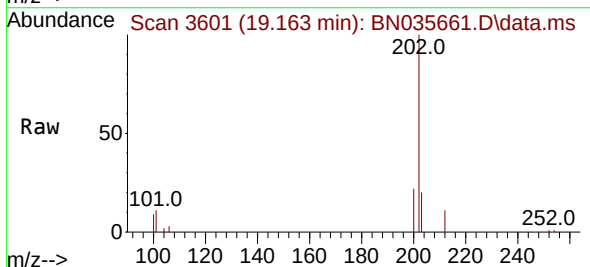
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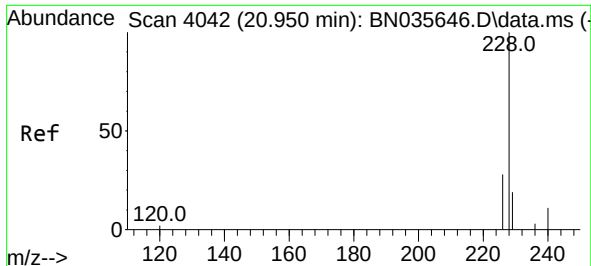
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.338 ng/u1
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

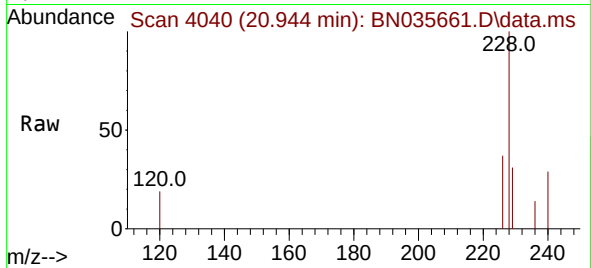
Tgt Ion:202 Resp: 13235
Ion Ratio Lower Upper
202 100
101 10.8 8.5 12.7
100 8.8 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

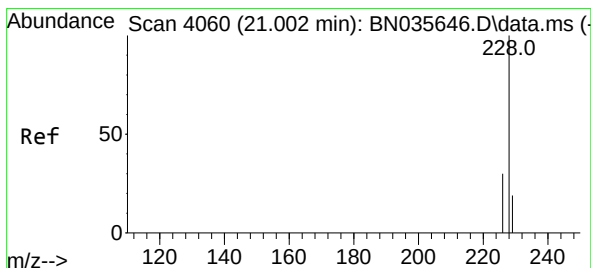
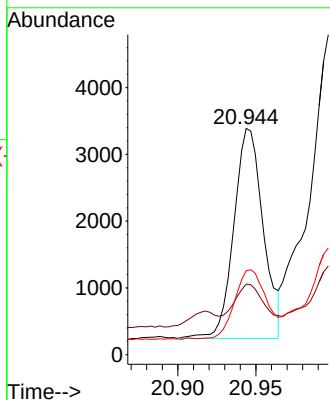
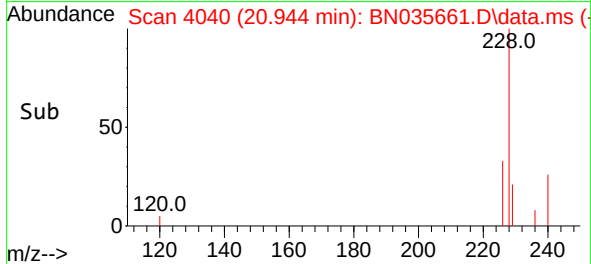
Instrument :
BNA_N
ClientSampleId :
E28S6DL



Tgt Ion:228 Resp: 4138
Ion Ratio Lower Upper
228 100
229 31.2 16.6 25.0
226 37.1 22.5 33.7

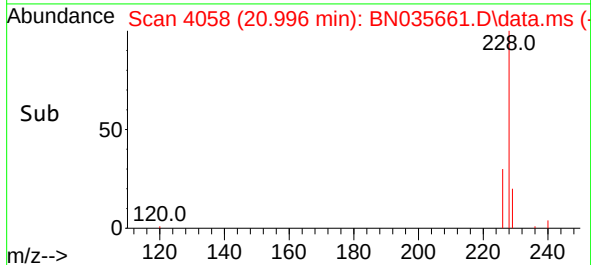
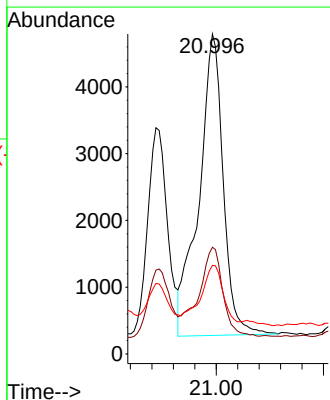
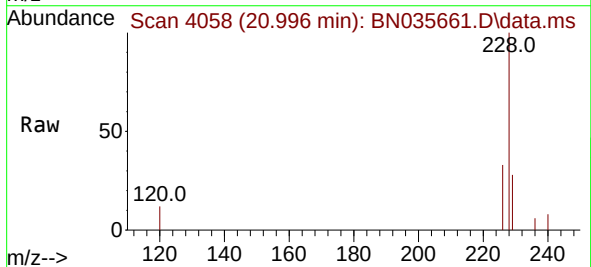
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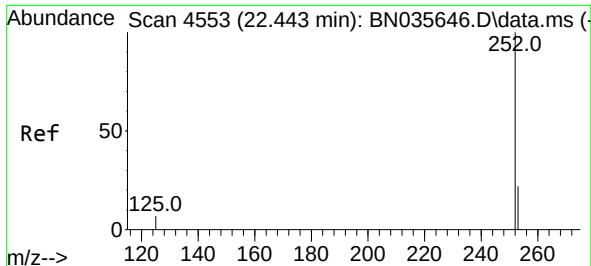
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Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.207 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

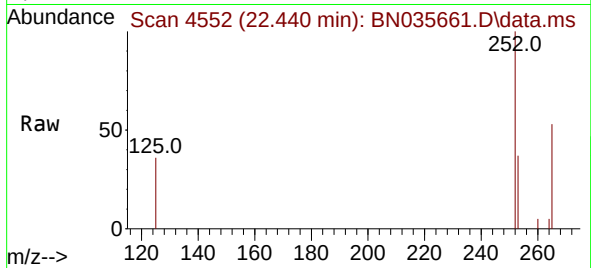
Tgt Ion:228 Resp: 7087
Ion Ratio Lower Upper
228 100
226 33.4 25.1 37.7
229 27.7 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.266 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

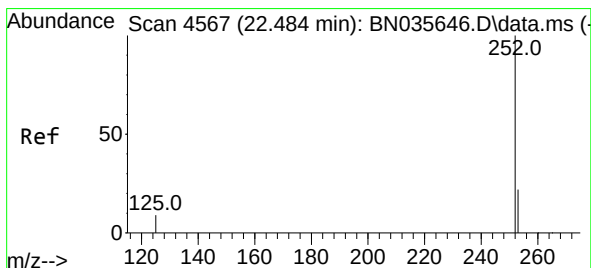
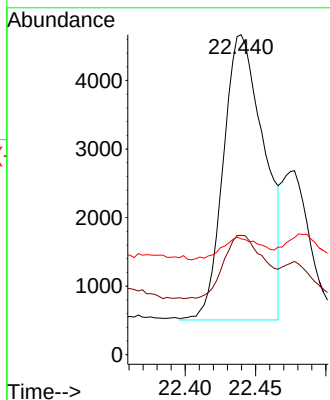
Instrument :
BNA_N
ClientSampleId :
E28S6DL



Tgt Ion:252 Resp: 8438
Ion Ratio Lower Upper
252 100
253 37.3 0.0 56.4
125 36.2 0.0 37.6

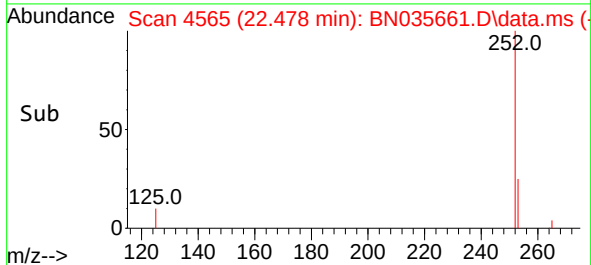
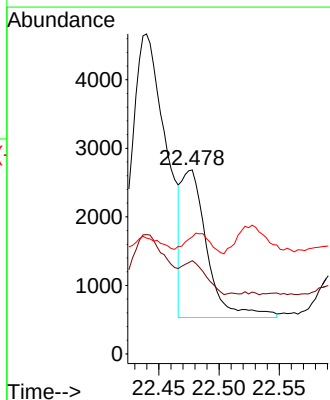
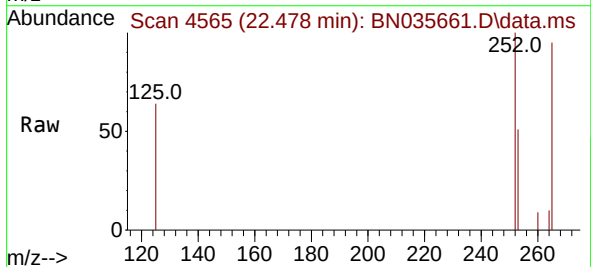
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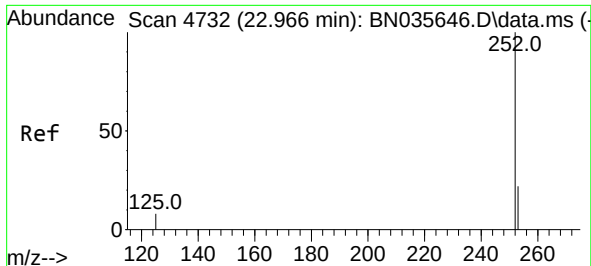
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Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

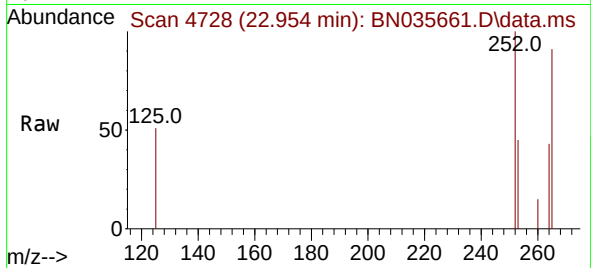
Tgt Ion:252 Resp: 3180
Ion Ratio Lower Upper
252 100
253 50.7 22.1 33.1#
125 63.6 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 22.954 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

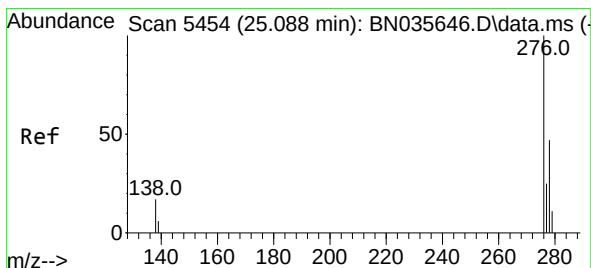
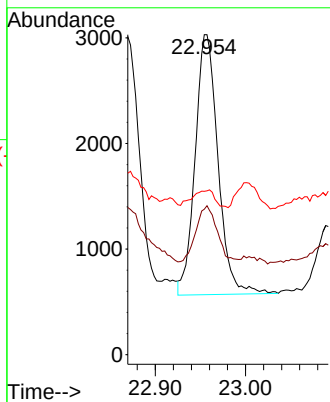
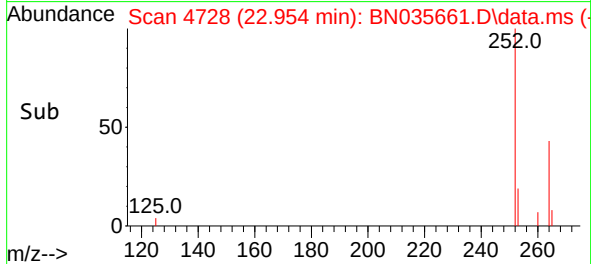
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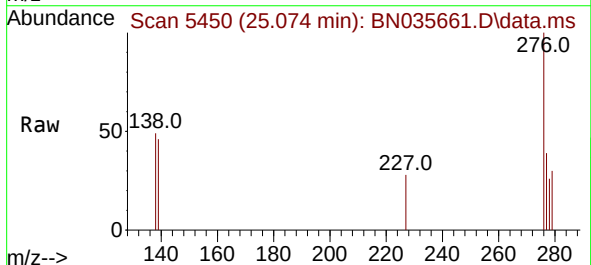
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Ion Ratio Lower Upper
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253 45.4 24.1 36.1#
125 51.1 19.1 28.7#

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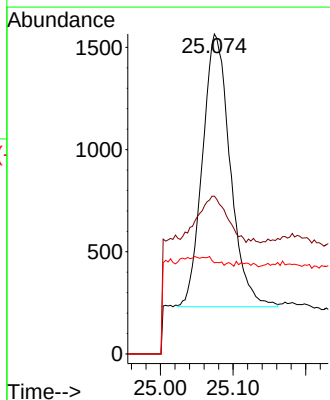
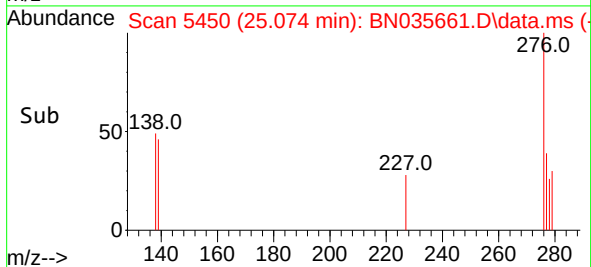
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Supervised By :mohammad ahmed 12/21/2024

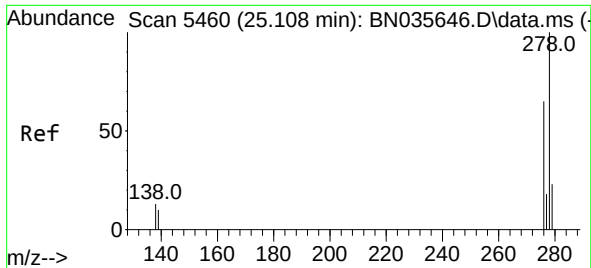


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59



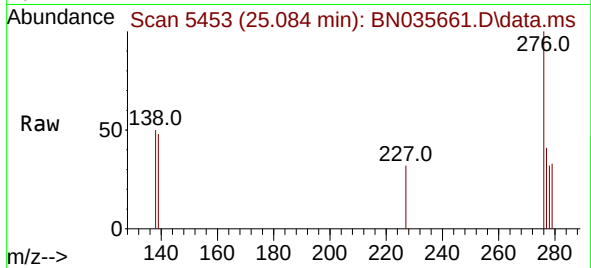
Tgt Ion:276 Resp: 3537
Ion Ratio Lower Upper
276 100
138 261.1 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul m
RT: 25.084 min Scan# 5460
Delta R.T. -0.017 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

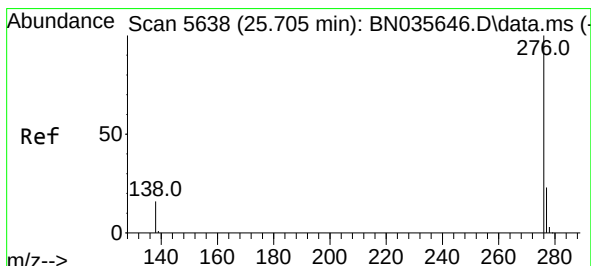
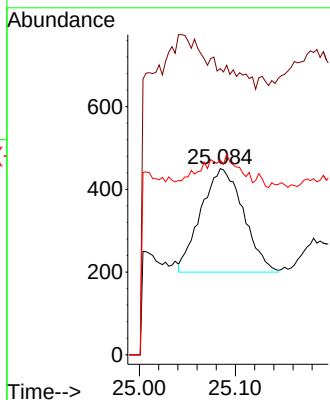
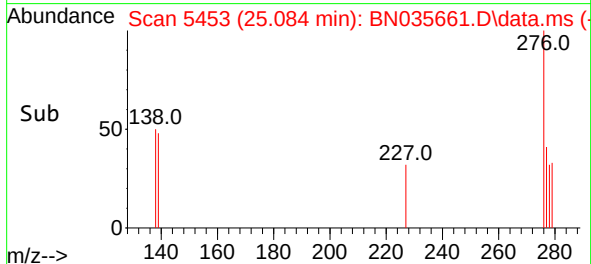
Instrument :
BNA_N
ClientSampleId :
E28S6DL



Tgt Ion:278 Resp: 77
Ion Ratio Lower Upper
278 100
139 153.8 19.8 29.8#
279 104.7 24.0 36.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.119 ng/ul
RT: 25.695 min Scan# 5635
Delta R.T. -0.003 min
Lab File: BN035661.D
Acq: 17 Dec 2024 18:59

Tgt Ion:276 Resp: 3557
Ion Ratio Lower Upper
276 100
138 46.2 19.6 29.4#
277 39.5 21.6 32.4#

