

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035655.D
 Acq On : 17 Dec 2024 15:24
 Operator : RC/JU
 Sample : P5232-02DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R6DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 16:10:58 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	2885	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8492	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5741	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12007	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	9915	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	10781m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2198	0.859	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	706	0.058	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	1583	0.055	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	3238m	0.155	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1872	0.133	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	817	0.056	ng/ul	98
10) Acenaphthylene	13.657	152	941	0.042	ng/ul#	76
15) Phenanthrene	16.755	178	7696	0.256	ng/ul	99
16) Anthracene	16.844	178	2148	0.076	ng/ul#	86
19) Fluoranthene	18.795	202	13977	0.394	ng/ul	99
20) Pyrene	19.162	202	14783	0.378	ng/ul	99
21) Benzo(a)anthracene	20.944	228	10169	0.309	ng/ul#	90
22) Chrysene	20.996	228	14344	0.420	ng/ul#	93
24) Benzo(b)fluoranthene	22.439	252	23110m	0.727	ng/ul	
25) Benzo(k)fluoranthene	22.477	252	9526m	0.271	ng/ul	
26) Benzo(a)pyrene	22.957	252	17452	0.567	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.074	276	14115m	0.377	ng/ul	
28) Dibenzo(a,h)anthracene	25.087	278	3348m	0.117	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	17921	0.596	ng/ul	100

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

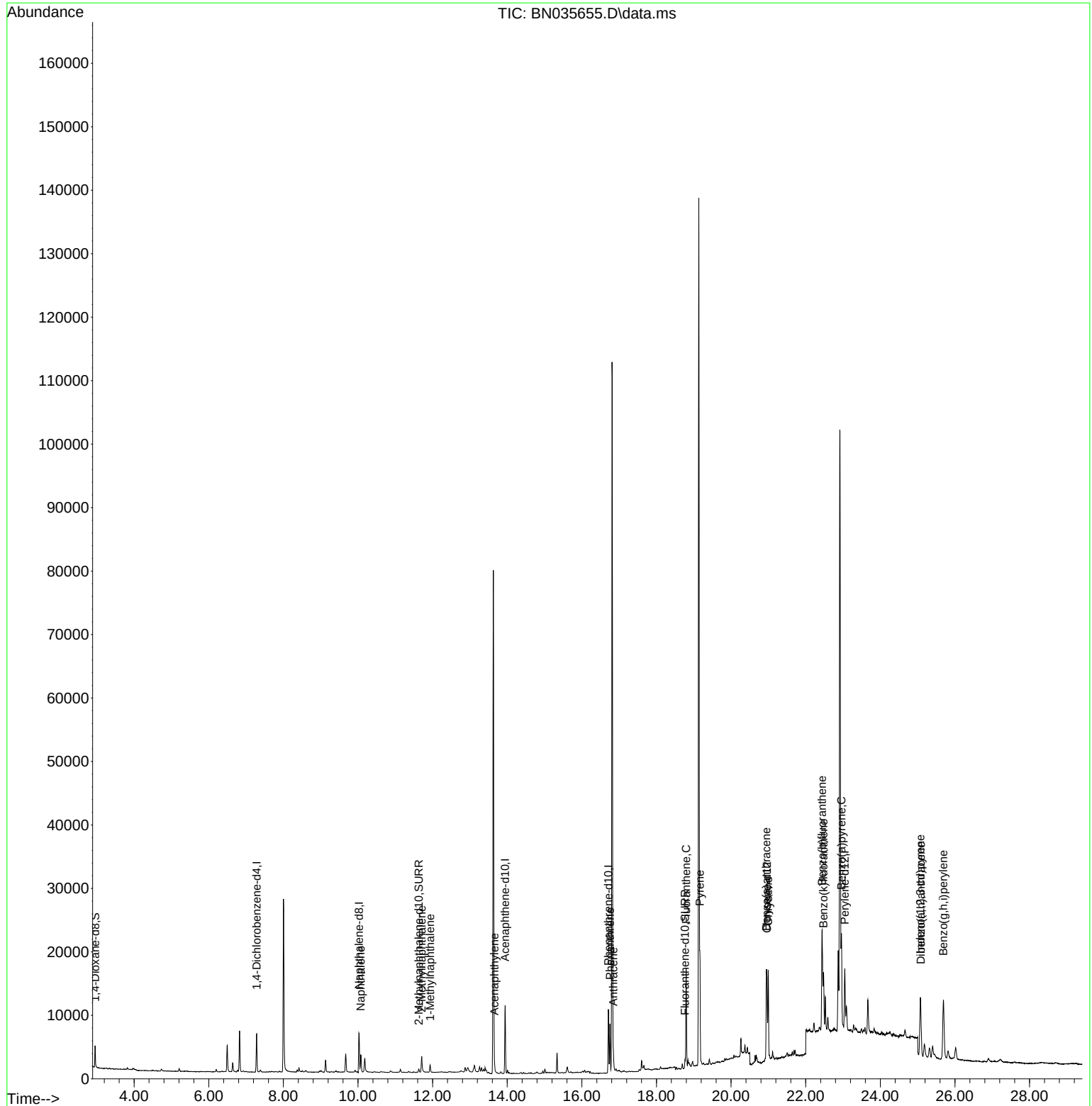
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035655.D
Acq On : 17 Dec 2024 15:24
Operator : RC/JU
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Misc :
ALS Vial : 45 Sample Multiplier: 1

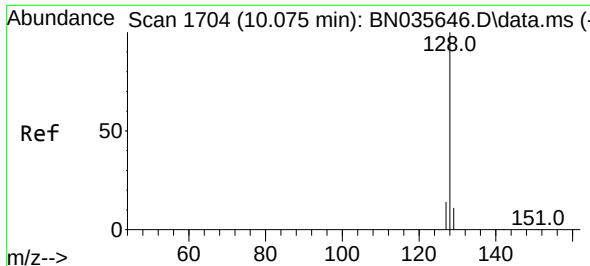
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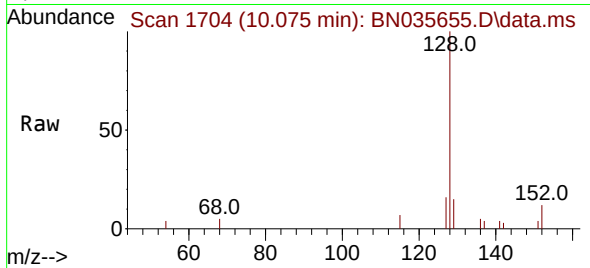
Quant Time: Dec 17 16:10:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.155 ng/ul m
RT: 10.075 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

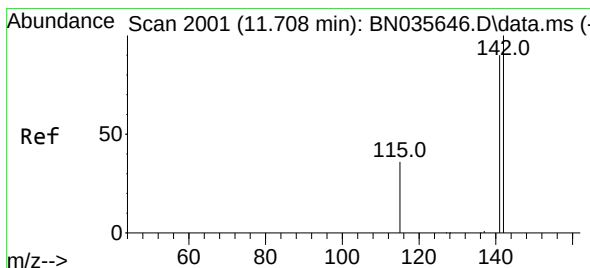
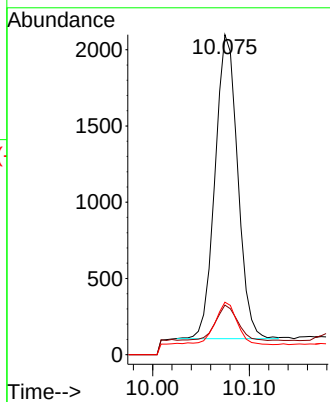
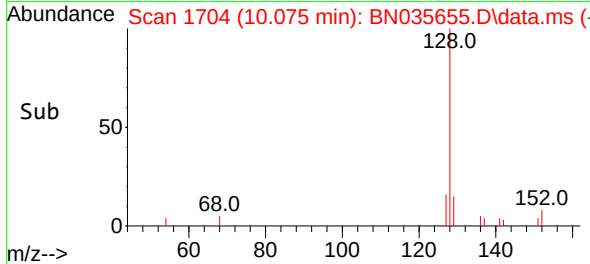
Instrument :
BNA_N
ClientSampleId :
E28R6DL



Tgt Ion:128 Resp: 3238
Ion Ratio Lower Upper
128 100
129 15.5 10.8 16.2
127 16.4 12.0 18.0

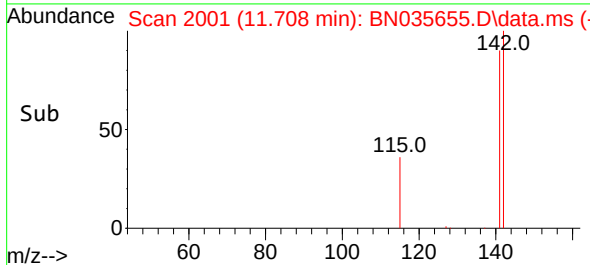
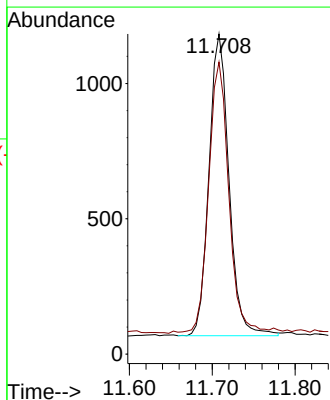
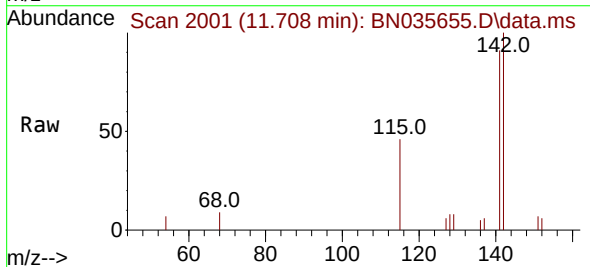
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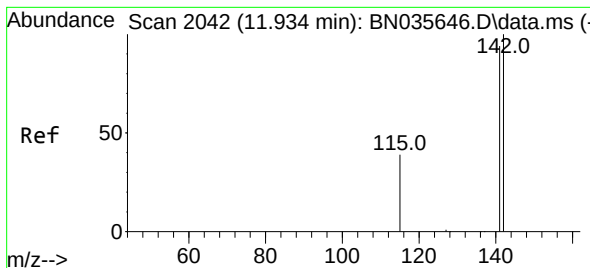
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Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

Tgt Ion:142 Resp: 1872
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.056 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BN035655.D

Acq: 17 Dec 2024 15:24

Instrument :

BNA_N

ClientSampleId :

E28R6DL

Tgt Ion:142 Resp: 81

Ion Ratio Lower Upper

142 100

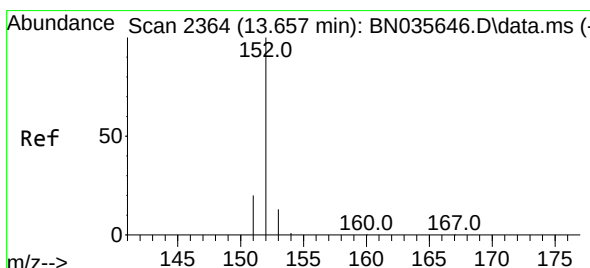
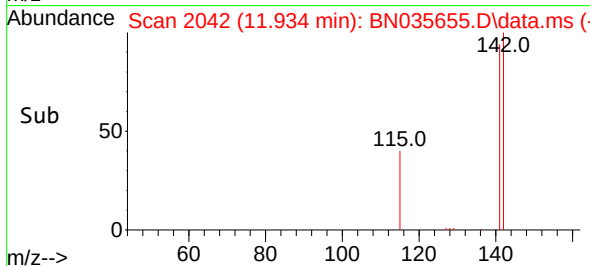
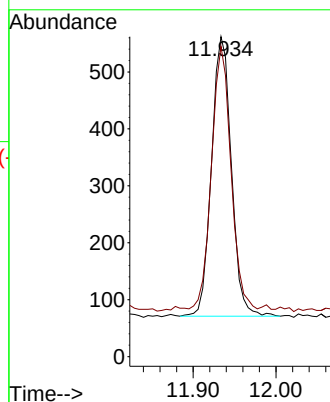
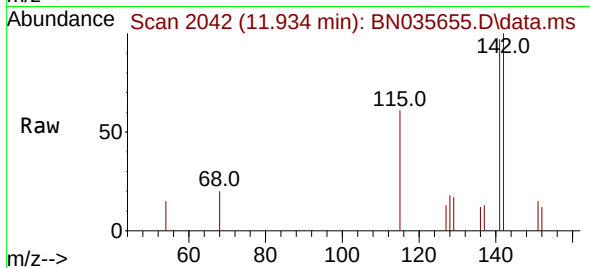
141 91.2 74.7 112.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BN035655.D

Acq: 17 Dec 2024 15:24

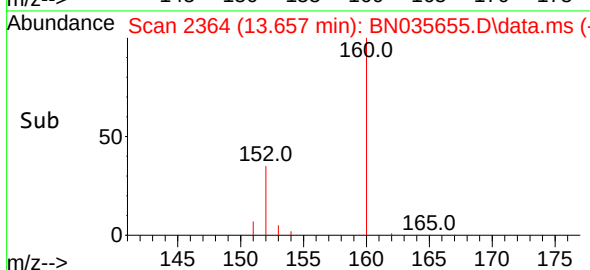
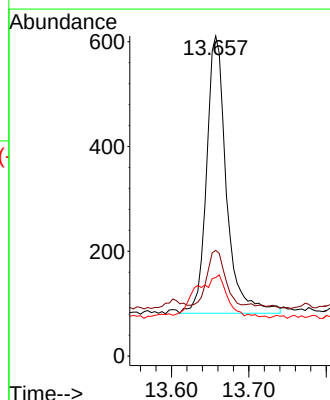
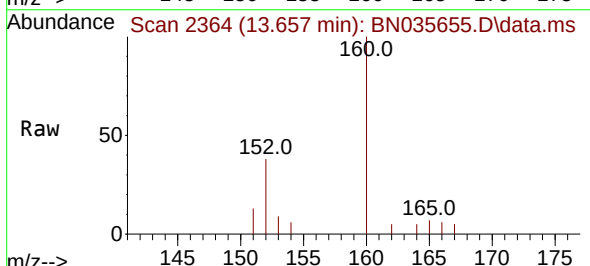
Tgt Ion:152 Resp: 941

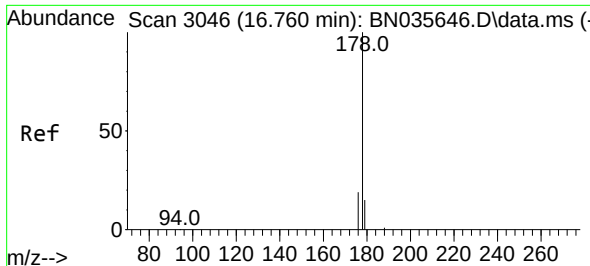
Ion Ratio Lower Upper

152 100

151 33.1 17.6 26.4#

153 24.5 11.4 17.2#





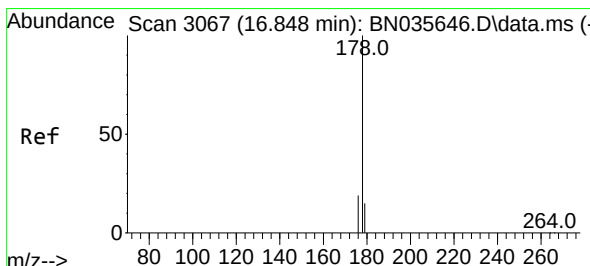
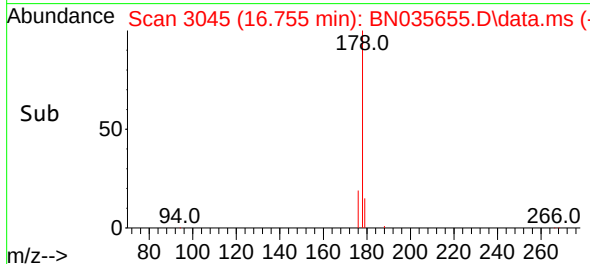
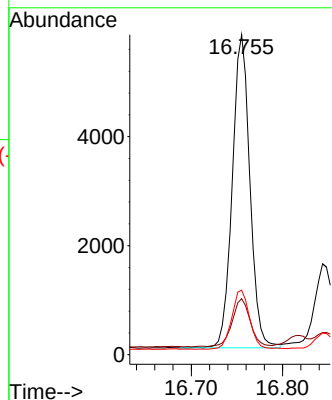
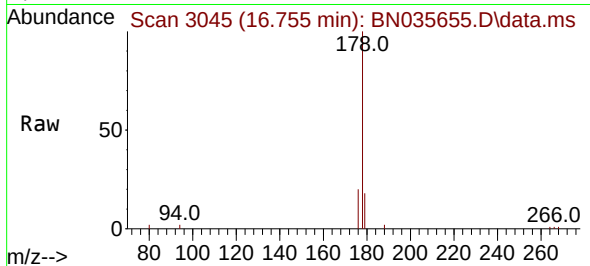
#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

Instrument :
BNA_N
ClientSampleId :
E28R6DL

Tgt Ion:178 Resp: 7690
Ion Ratio Lower Upper
178 100
179 17.5 13.3 19.9
176 20.1 15.8 23.8

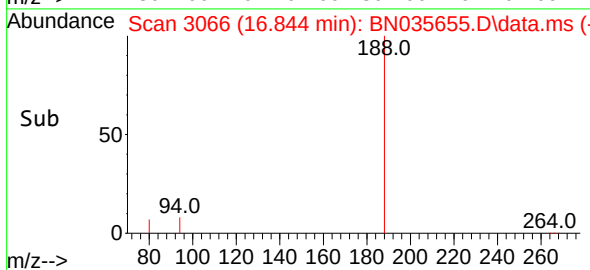
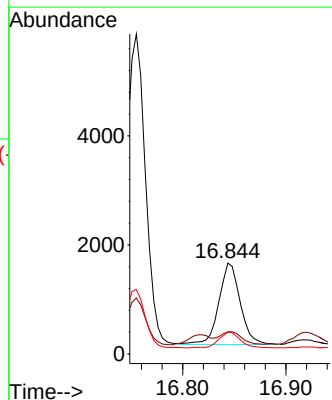
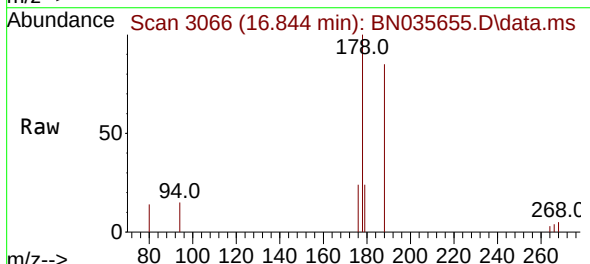
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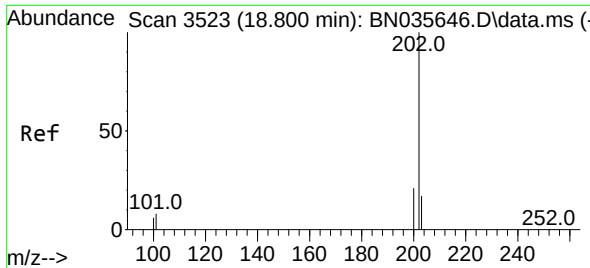
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.076 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

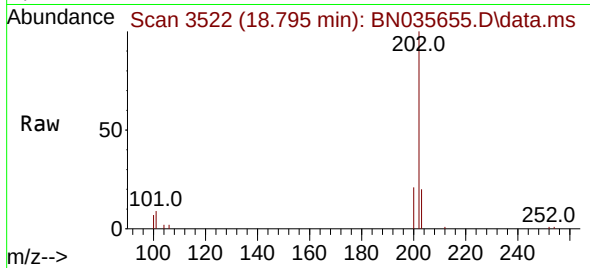
Tgt Ion:178 Resp: 2148
Ion Ratio Lower Upper
178 100
179 24.3 13.4 20.0#
176 24.0 15.4 23.0#





#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

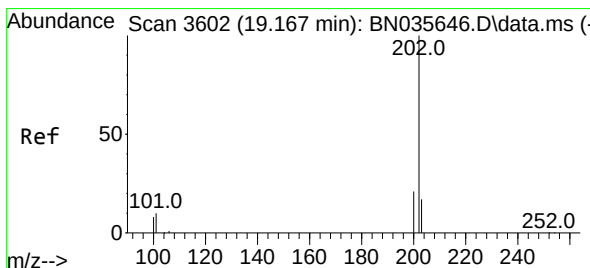
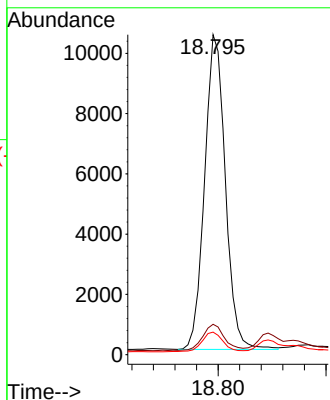
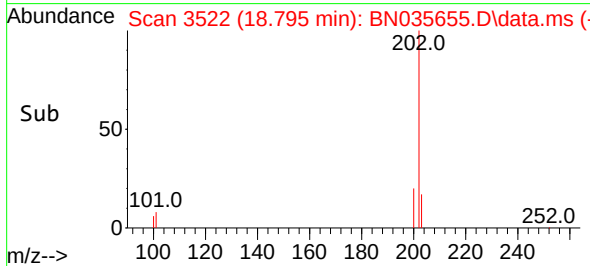
Instrument :
BNA_N
ClientSampleId :
E28R6DL



Tgt Ion:202 Resp: 1397
Ion Ratio Lower Upper
202 100
101 9.5 7.3 10.9
100 7.1 5.4 8.0

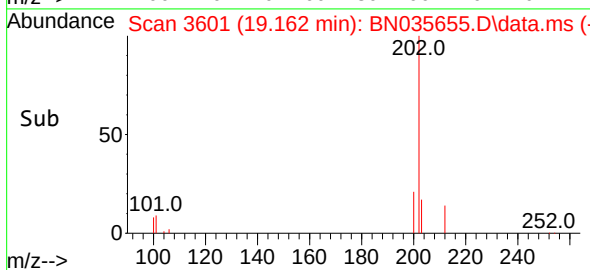
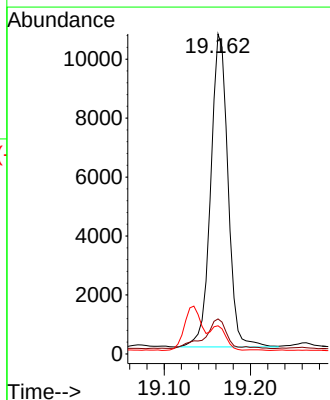
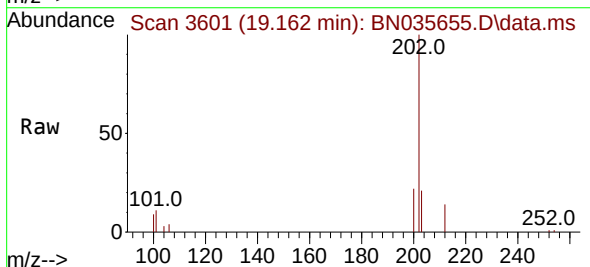
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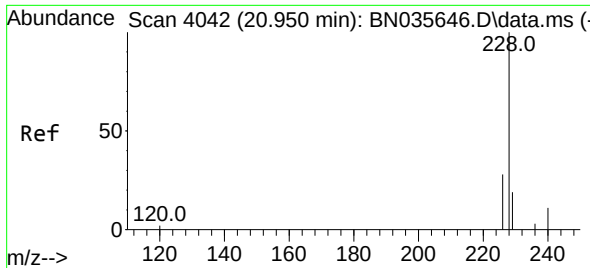
Reviewed By :Yogesh Patel 12/18/2024
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#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.162 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

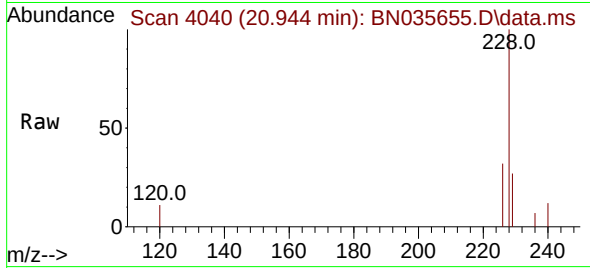
Tgt Ion:202 Resp: 14783
Ion Ratio Lower Upper
202 100
101 11.0 8.5 12.7
100 8.8 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.309 ng/u1
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

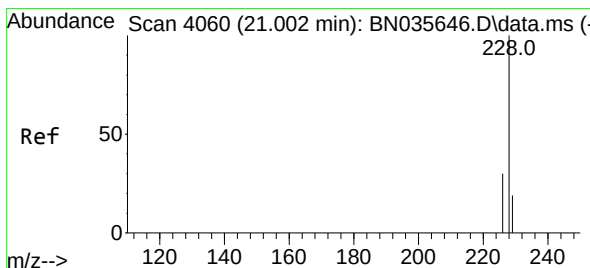
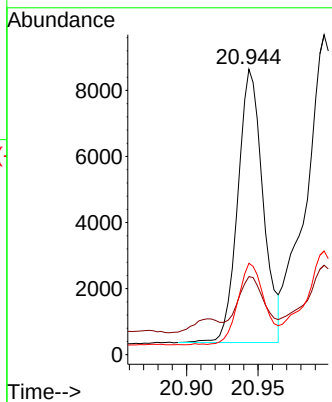
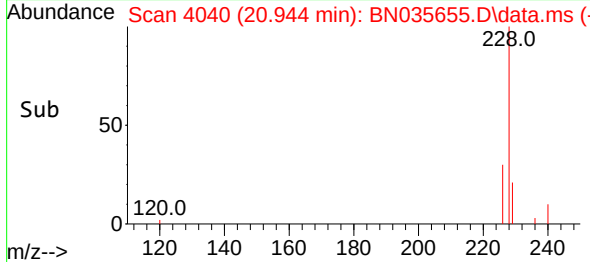
Instrument :
BNA_N
ClientSampleId :
E28R6DL



Tgt Ion:228 Resp: 10169
Ion Ratio Lower Upper
228 100
229 27.4 16.6 25.0
226 32.0 22.5 33.7

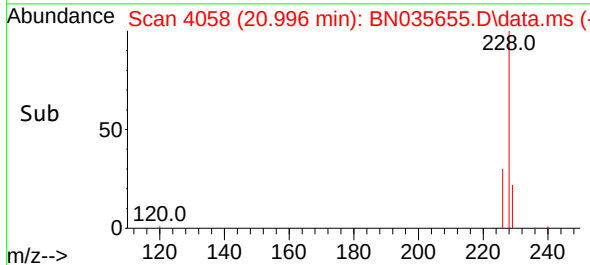
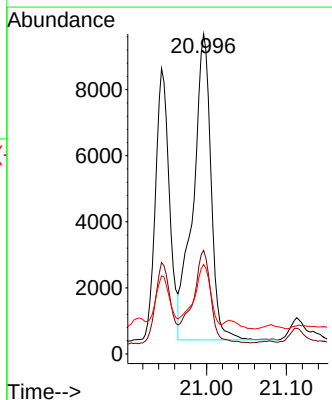
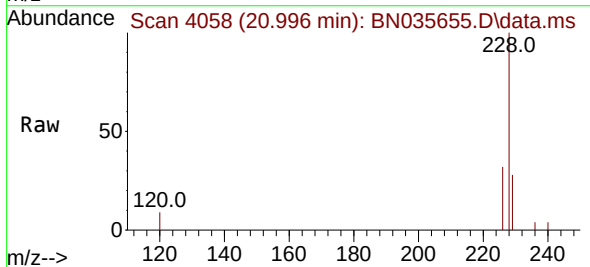
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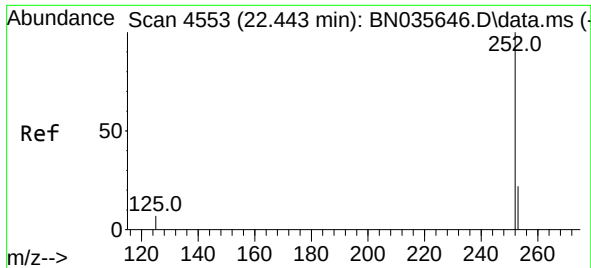
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.420 ng/u1
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

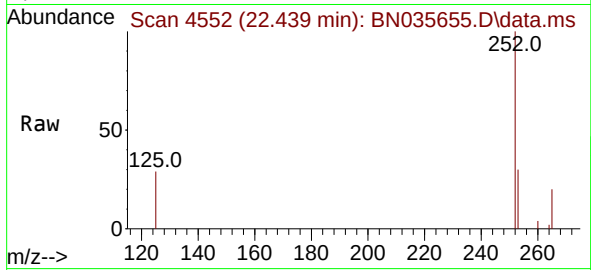
Tgt Ion:228 Resp: 14344
Ion Ratio Lower Upper
228 100
226 32.4 25.1 37.7
229 28.0 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.727 ng/ul m
RT: 22.439 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

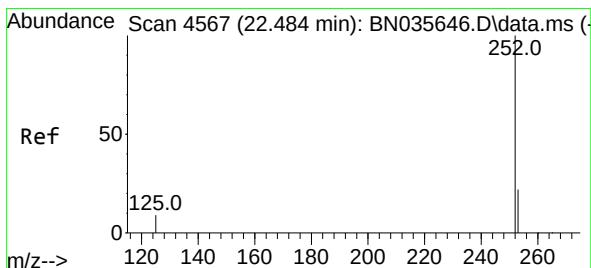
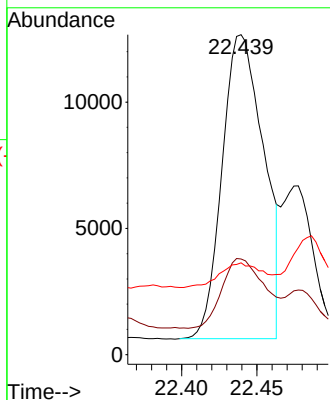
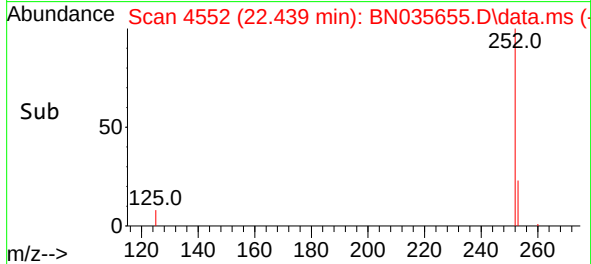
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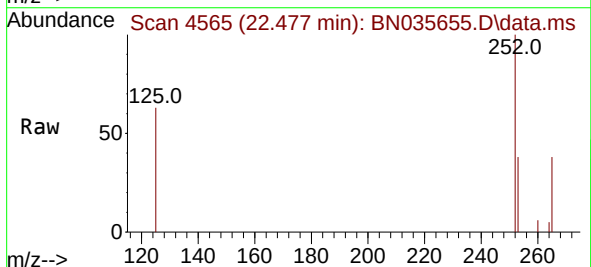
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Ion Ratio Lower Upper
252 100
253 29.9 0.0 56.4
125 28.7 0.0 37.6

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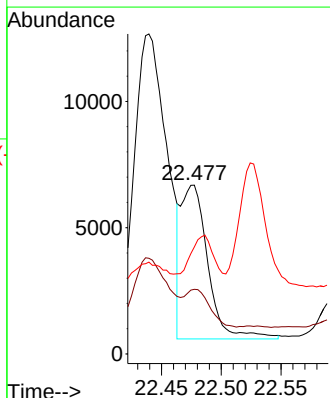
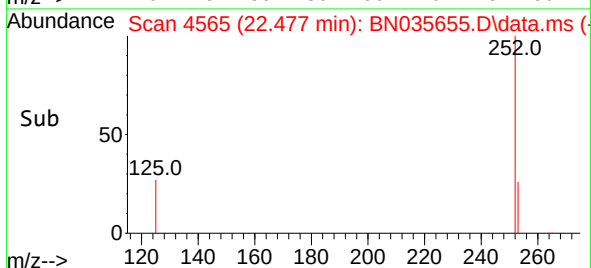
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Supervised By :mohammad ahmed 12/21/2024

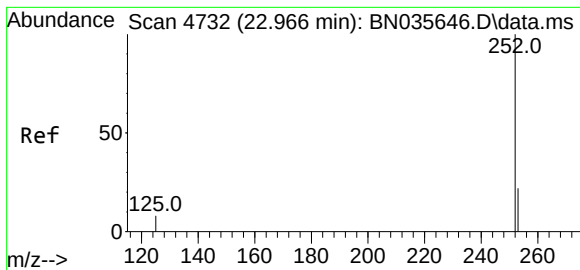


#25
Benzo(k)fluoranthene
Concen: 0.271 ng/ul m
RT: 22.477 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24



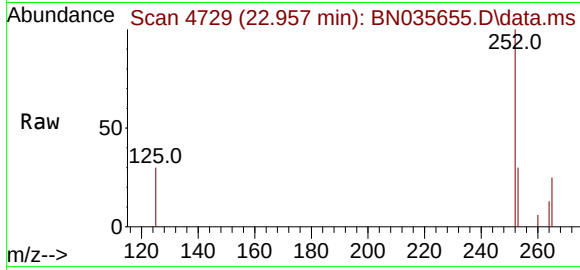
Tgt Ion:252 Resp: 9526
Ion Ratio Lower Upper
252 100
253 38.3 22.1 33.1#
125 63.4 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.567 ng/ul
RT: 22.957 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

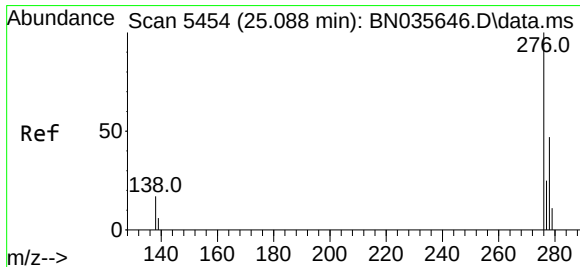
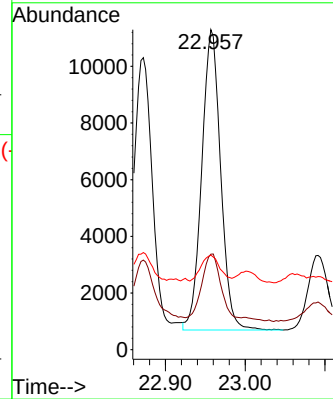
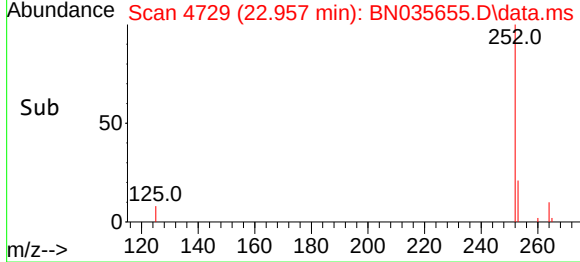
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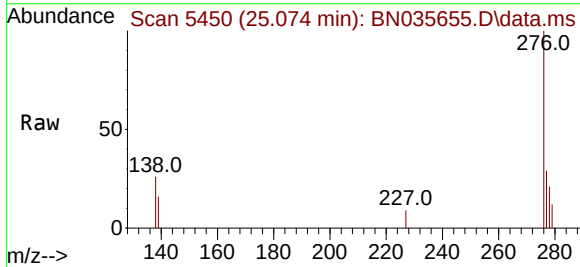
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Ion Ratio Lower Upper
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125 29.6 19.1 28.7

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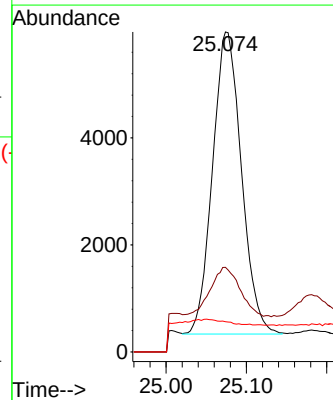
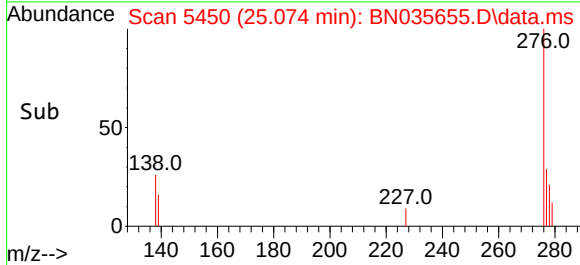
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

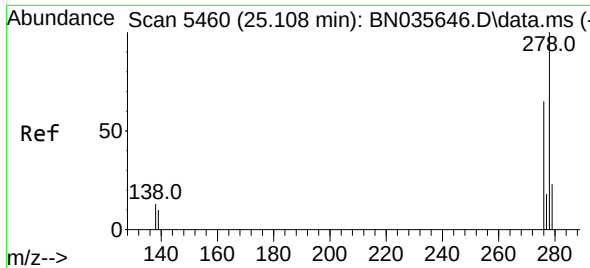


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24



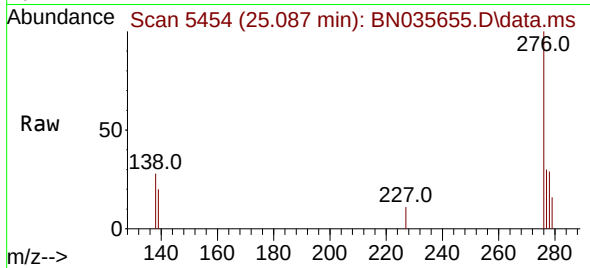
Tgt Ion:276 Resp: 14115
Ion Ratio Lower Upper
276 100
138 22.3 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul m
RT: 25.087 min Scan# 5460
Delta R.T. -0.014 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

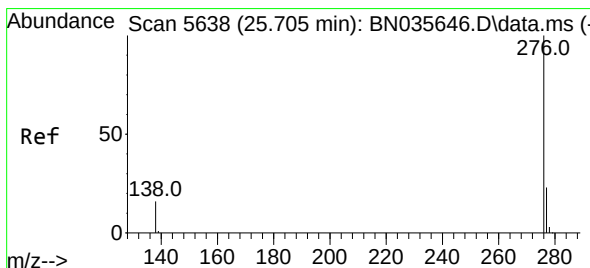
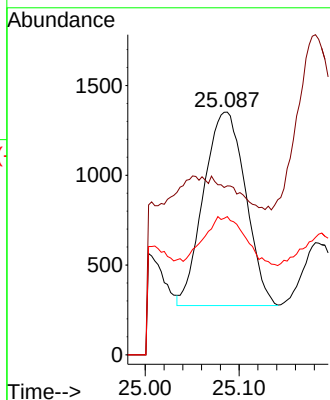
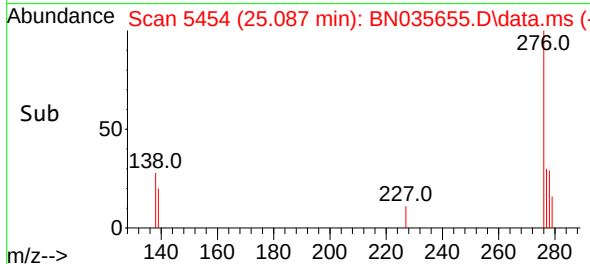
Instrument :
BNA_N
ClientSampleId :
E28R6DL



Tgt Ion:278 Resp: 3348
Ion Ratio Lower Upper
278 100
139 69.6 19.8 29.8
279 57.0 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: 0.596 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BN035655.D
Acq: 17 Dec 2024 15:24

Tgt Ion:276 Resp: 17921
Ion Ratio Lower Upper
276 100
138 24.3 19.6 29.4
277 27.3 21.6 32.4

