

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
 Data File : BN035102.D
 Acq On : 15 Nov 2024 12:48
 Operator : RC/JU
 Sample : P4803-07DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AQ2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 13:14:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	2459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	6048	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.189	164	4943	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	12582	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	11574	0.400	ng/ul	# 0.00
23) Perylene-d12	23.299	264	11049	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	156	0.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	372	0.040	ng/ul	0.00
18) Fluoranthene-d10	18.972	212	1443	0.049	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.361	128	3813	0.252	ng/ul	99
10) Acenaphthylene	13.903	152	26336	1.304	ng/ul	98
11) Acenaphthene	14.249	153	19199	1.254	ng/ul	99
12) Fluorene	15.244	166	4407	0.226	ng/ul	99
15) Phenanthrene	16.979	178	14459	0.430	ng/ul	98
16) Anthracene	17.068	178	13133	0.416	ng/ul	98
19) Fluoranthene	19.000	202	15359	0.397	ng/ul#	96
20) Pyrene	19.362	202	16214	0.404	ng/ul#	95
21) Benzo(a)anthracene	21.119	228	8068	0.192	ng/ul	100
22) Chrysene	21.172	228	5754	0.135	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	17985	0.463	ng/ul	99
25) Benzo(k)fluoranthene	22.697	252	8462m	0.208	ng/ul	
26) Benzo(a)pyrene	23.206	252	6440	0.186	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.450	276	5701	0.134	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.463	278	5638	0.170	ng/ul#	91
29) Benzo(g,h,i)perylene	26.100	276	4860	0.150	ng/ul#	94

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

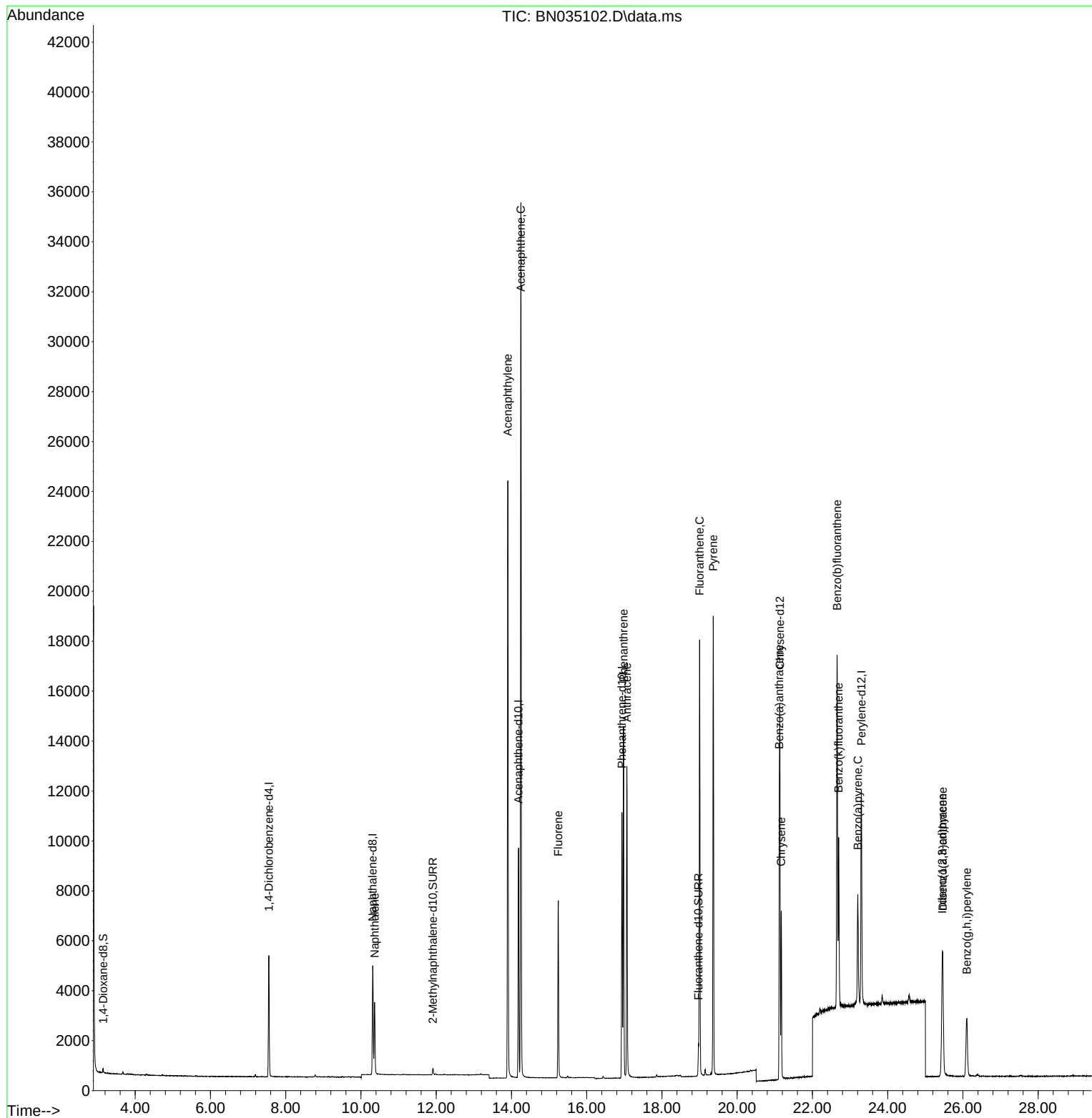
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
Data File : BN035102.D
Acq On : 15 Nov 2024 12:48
Operator : RC/JU
Sample : P4803-07DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

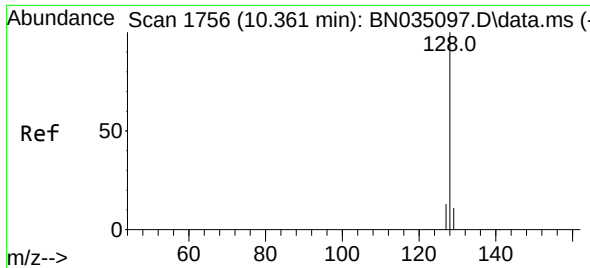
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL

Quant Time: Nov 15 13:14:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

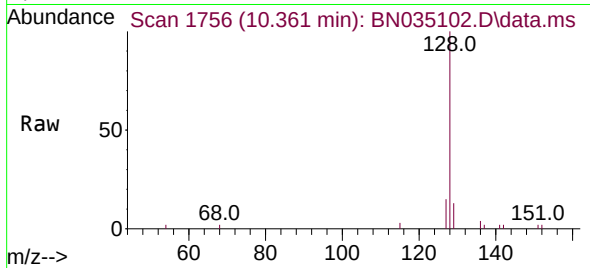
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024





#5
Naphthalene
Concen: 0.252 ng/u1
RT: 10.361 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

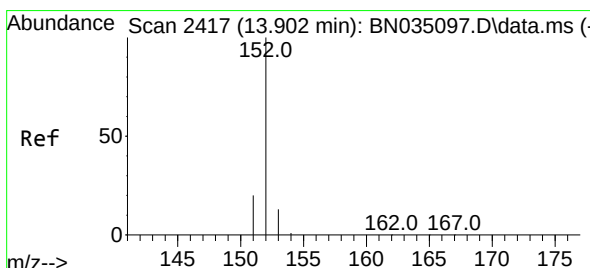
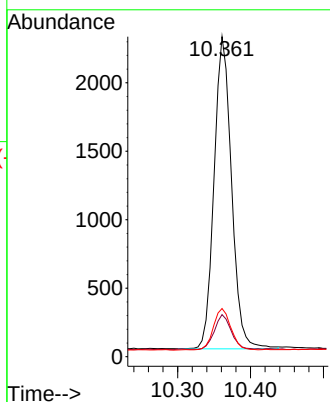
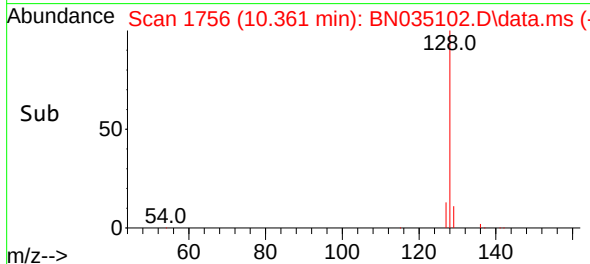
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL



Tgt Ion:128 Resp: 3811
Ion Ratio Lower Upper
128 100
129 13.2 10.1 15.1
127 15.1 12.1 18.1

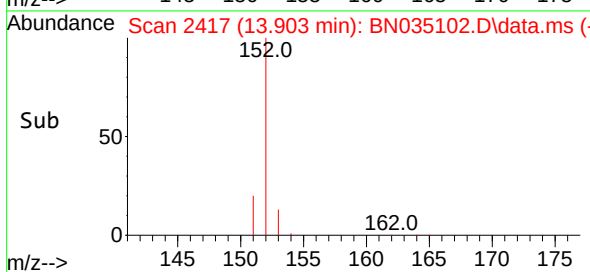
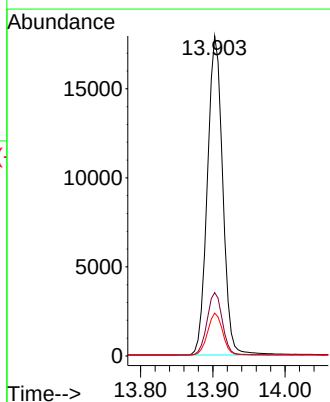
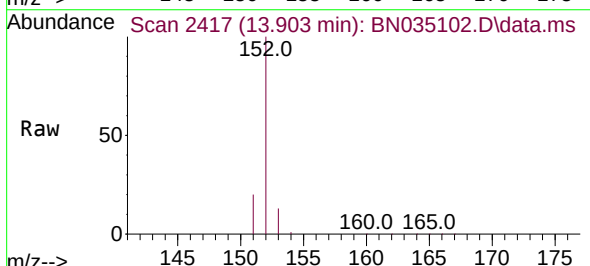
Manual Integrations
APPROVED

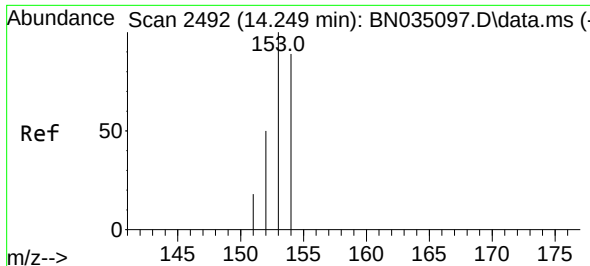
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#10
Acenaphthylene
Concen: 1.304 ng/u1
RT: 13.903 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

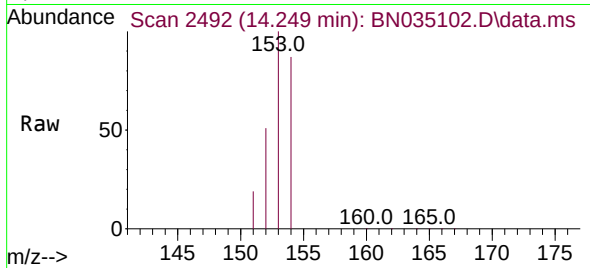
Tgt Ion:152 Resp: 26336
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.4 11.0 16.6





#11
Acenaphthene
Concen: 1.254 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

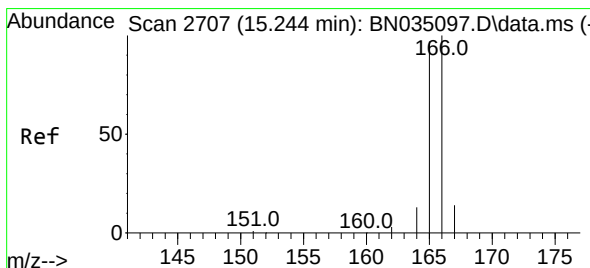
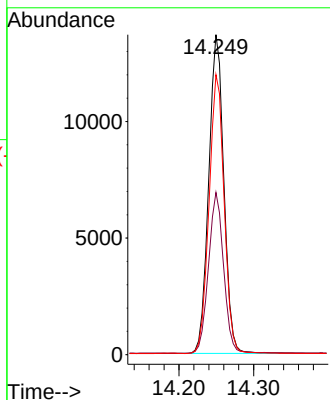
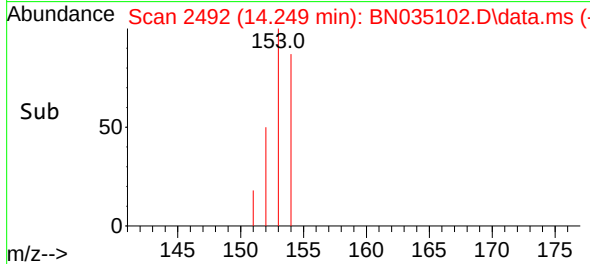
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL



Tgt Ion:153 Resp: 1919
Ion Ratio Lower Upper
153 100
152 50.7 41.5 62.3
154 87.5 70.9 106.3

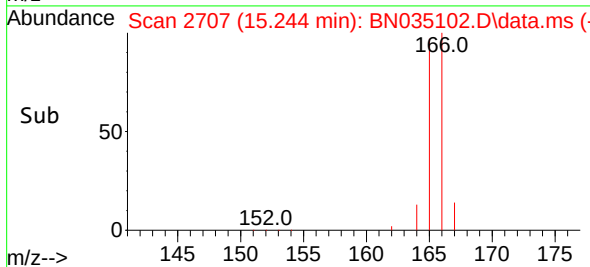
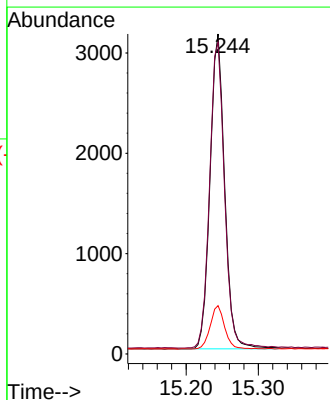
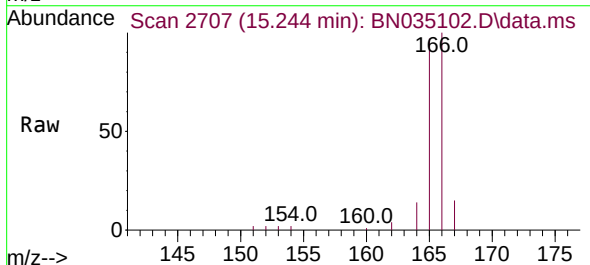
Manual Integrations
APPROVED

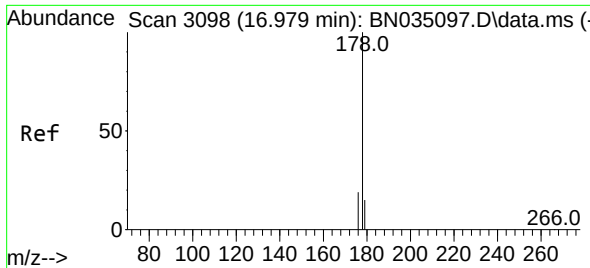
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#12
Fluorene
Concen: 0.226 ng/ul
RT: 15.244 min Scan# 2707
Delta R.T. -0.005 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

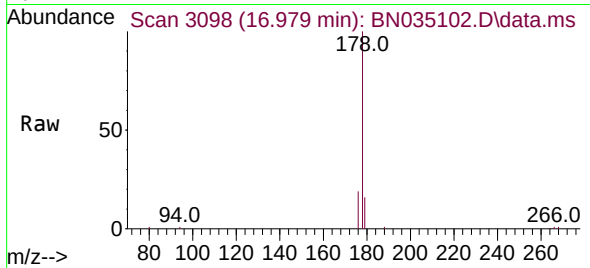
Tgt Ion:166 Resp: 4407
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.4
167 15.1 11.8 17.6





#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

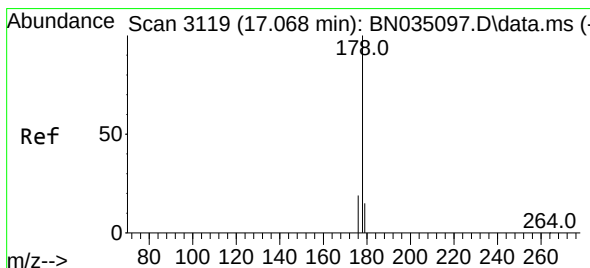
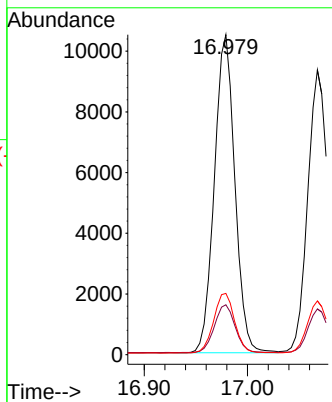
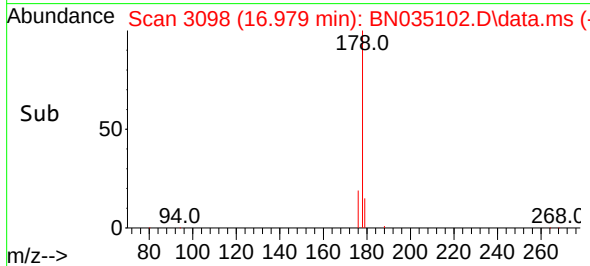
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL



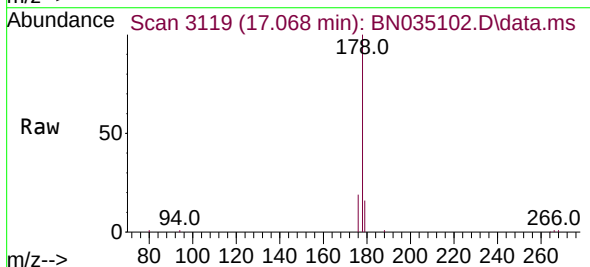
Tgt Ion:178 Resp: 1445
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.2 15.8 23.6

Manual Integrations
APPROVED

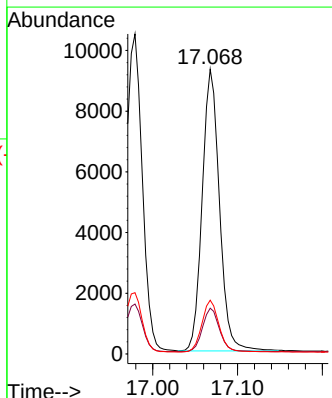
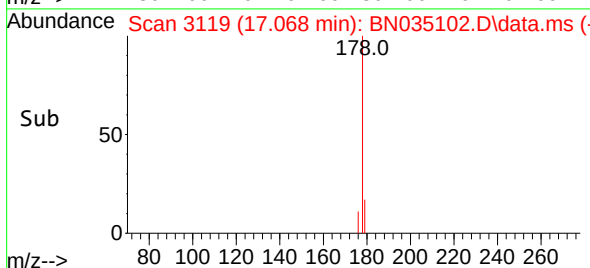
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

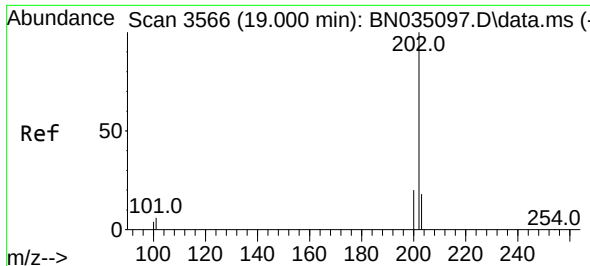


#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48



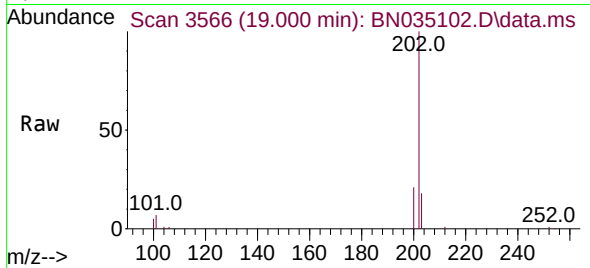
Tgt Ion:178 Resp: 13133
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 18.9 15.8 23.8





#19
Fluoranthene
Concen: 0.397 ng/u1
RT: 19.000 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

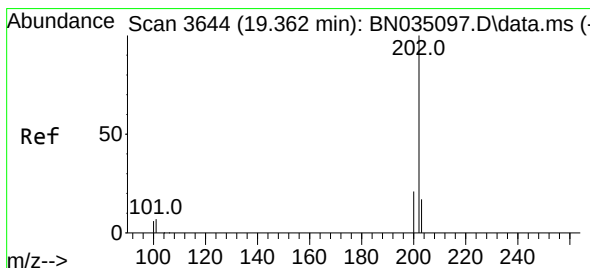
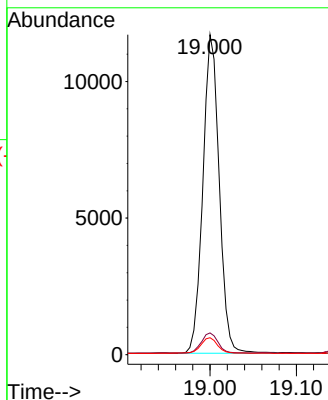
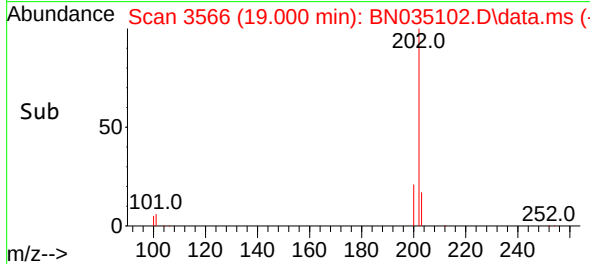
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL



Tgt Ion:202 Resp: 15359
Ion Ratio Lower Upper
202 100
101 6.8 4.2 6.2#
100 5.3 3.2 4.8#

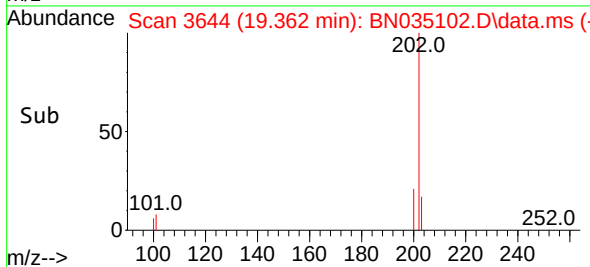
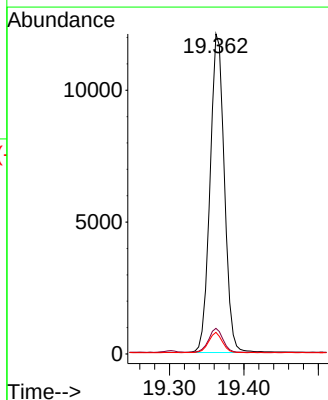
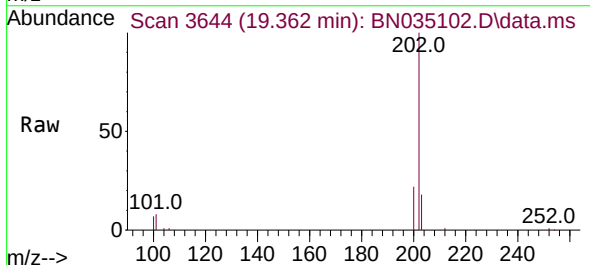
Manual Integrations
APPROVED

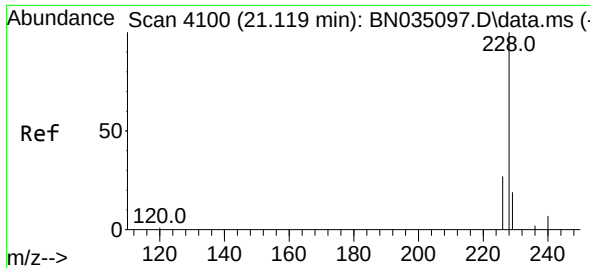
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#20
Pyrene
Concen: 0.404 ng/u1
RT: 19.362 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

Tgt Ion:202 Resp: 16214
Ion Ratio Lower Upper
202 100
101 8.0 5.0 7.4#
100 6.7 4.1 6.1#





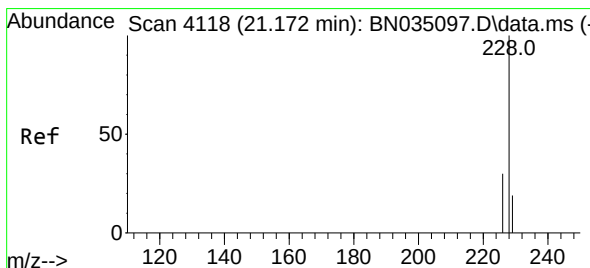
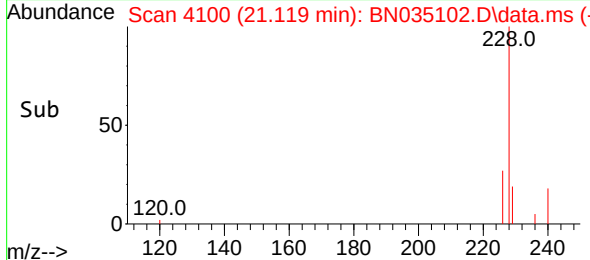
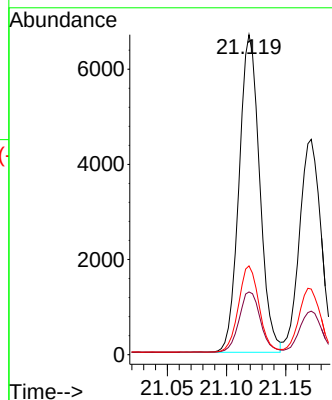
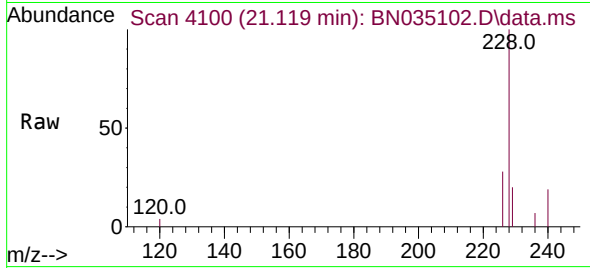
#21
Benzo(a)anthracene
Concen: 0.192 ng/ul
RT: 21.119 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A0AQ2DL

Tgt Ion:228 Resp: 806
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.8 22.2 33.2

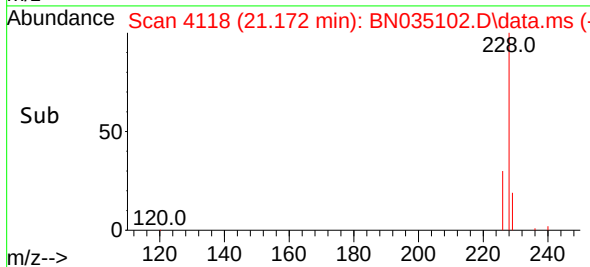
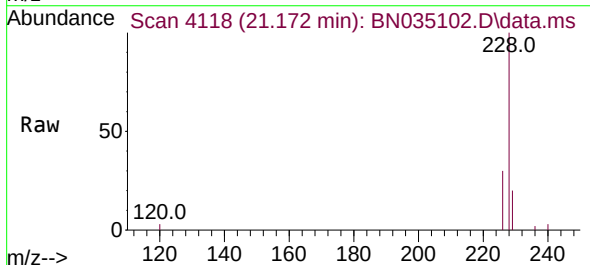
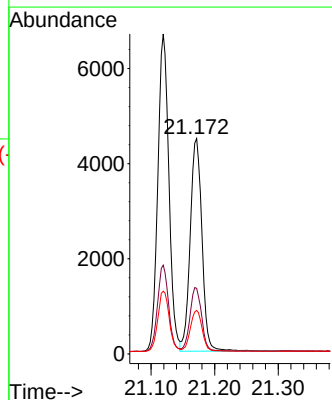
Manual Integrations
APPROVED

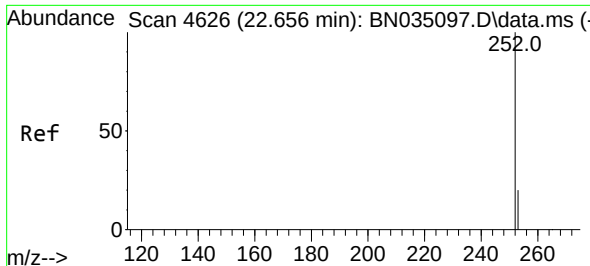
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#22
Chrysene
Concen: 0.135 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.000 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

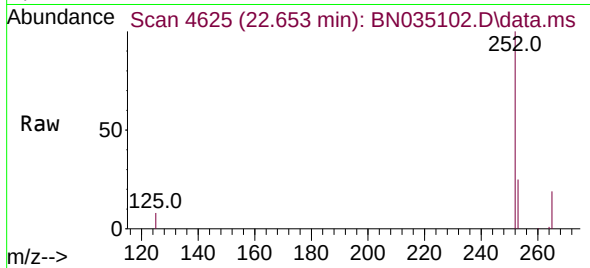
Tgt Ion:228 Resp: 5754
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 20.2 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.463 ng/ul
RT: 22.653 min Scan# 4625
Delta R.T. -0.003 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

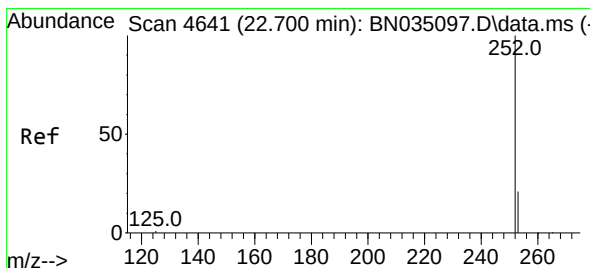
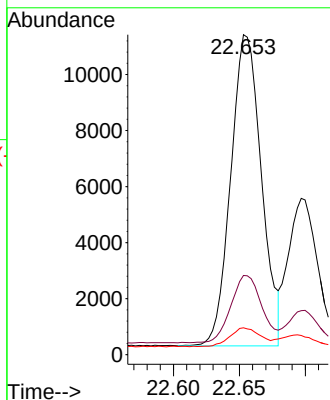
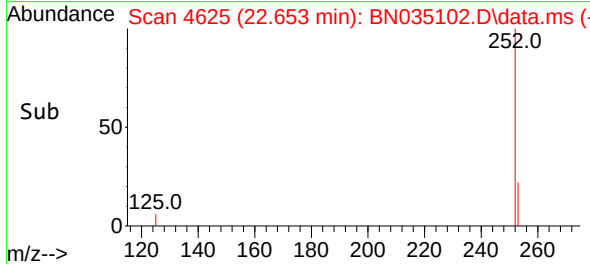
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL



Tgt Ion:252 Resp: 1798
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.0
125 8.4 0.0 14.0

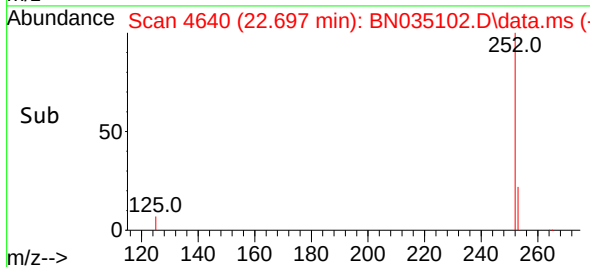
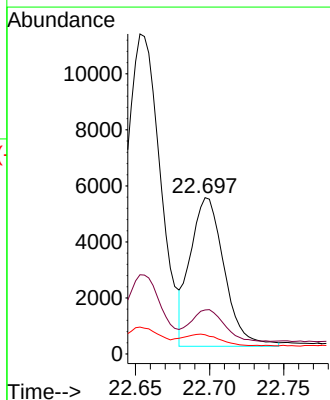
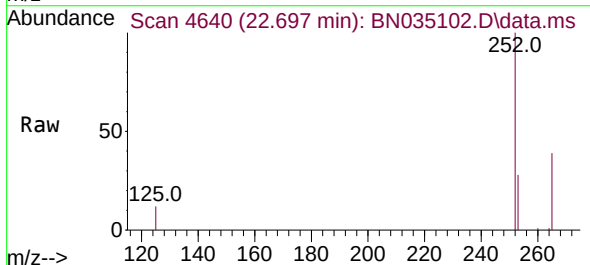
Manual Integrations
APPROVED

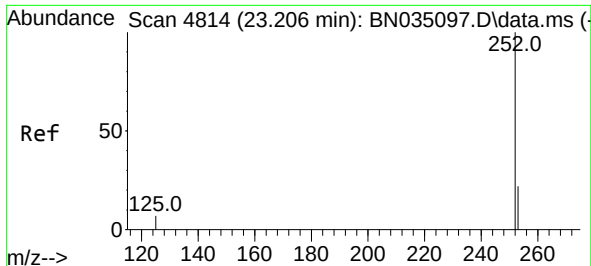
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.208 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.000 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

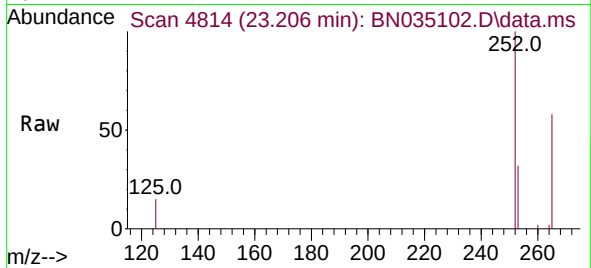
Tgt Ion:252 Resp: 8462
Ion Ratio Lower Upper
252 100
253 28.2 20.2 30.4
125 12.3 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.186 ng/ul
RT: 23.206 min Scan# 4814
Delta R.T. -0.000 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

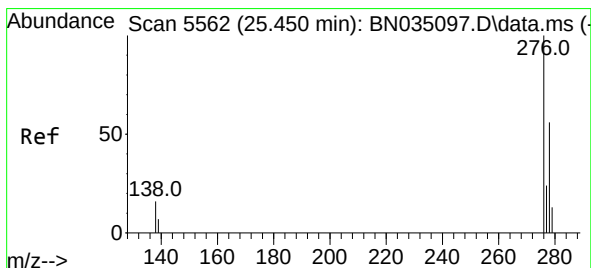
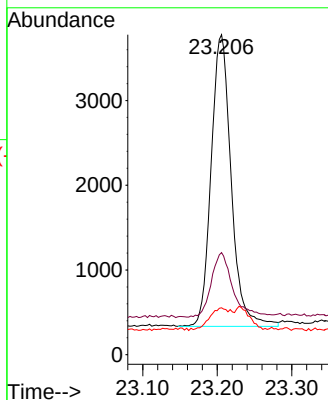
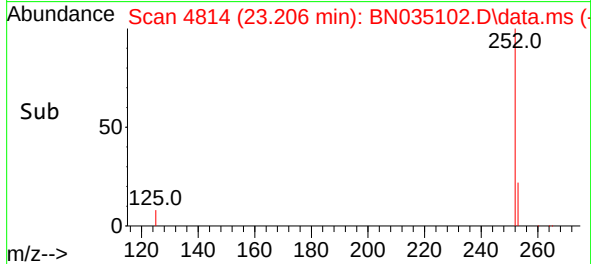
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL



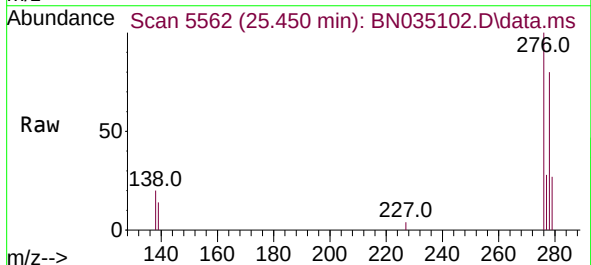
Tgt Ion:252 Resp: 6440
Ion Ratio Lower Upper
252 100
253 31.9 21.2 31.8
125 14.7 6.3 9.5

Manual Integrations
APPROVED

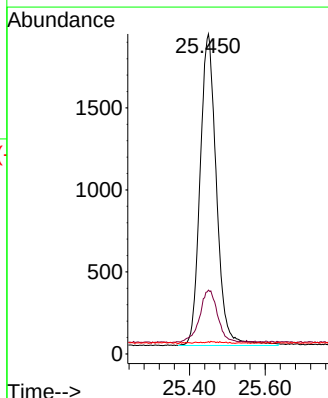
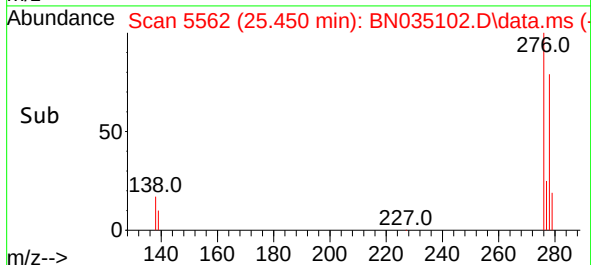
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

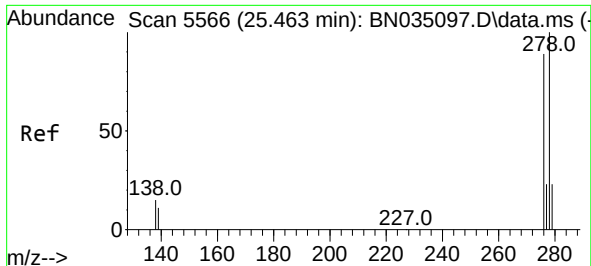


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng/ul
RT: 25.450 min Scan# 5562
Delta R.T. 0.003 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48



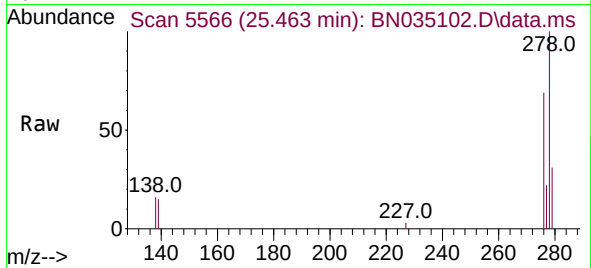
Tgt Ion:276 Resp: 5701
Ion Ratio Lower Upper
276 100
138 18.1 10.8 16.2#
227 0.5 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul
RT: 25.463 min Scan# 5566
Delta R.T. -0.000 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48

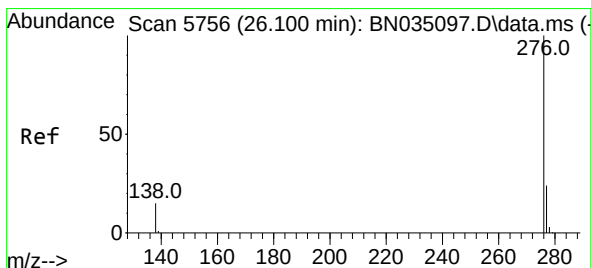
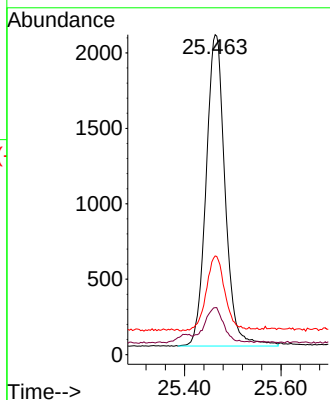
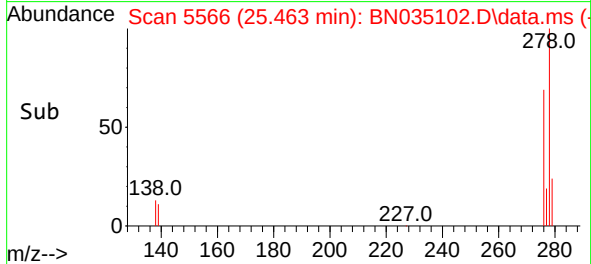
Instrument :
BNA_N
ClientSampleId :
A0AQ2DL



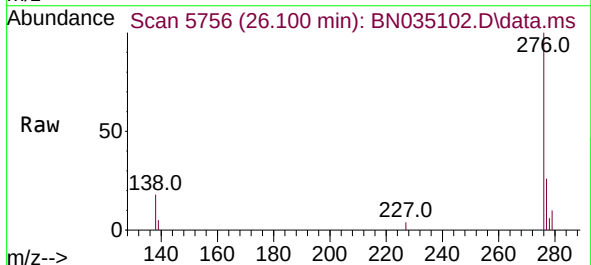
Tgt Ion:278 Resp: 5638
Ion Ratio Lower Upper
278 100
139 14.7 8.4 12.6
279 30.8 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 26.100 min Scan# 5756
Delta R.T. 0.003 min
Lab File: BN035102.D
Acq: 15 Nov 2024 12:48



Tgt Ion:276 Resp: 4860
Ion Ratio Lower Upper
276 100
138 17.6 10.3 15.5
277 26.5 20.2 30.2

