

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035161.D
 Acq On : 19 Nov 2024 14:40
 Operator : RC/JU
 Sample : P4847-02DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AT1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 19 15:06:16 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 : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3151	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	7407	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	5148	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	10991	0.400	ng/ul	0.00
17) Chrysene-d12	21.151	240	8091	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	8412	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	188	0.065	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	4617	0.425	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	10825	0.485	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.355	128	4403	0.236	ng/ul	99
10) Acenaphthylene	13.903	152	26152	1.281	ng/ul	98
11) Acenaphthene	14.250	153	19059	1.220	ng/ul	99
12) Fluorene	15.244	166	4253	0.232	ng/ul	99
15) Phenanthrene	16.979	178	12365	0.426	ng/ul	99
16) Anthracene	17.072	178	11192	0.415	ng/ul	100
19) Fluoranthene	19.009	202	11953	0.424	ng/ul	100
20) Pyrene	19.372	202	11959	0.408	ng/ul	98
21) Benzo(a)anthracene	21.134	228	5579	0.199	ng/ul	98
22) Chrysene	21.186	228	4139	0.146	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	13067	0.470	ng/ul	98
25) Benzo(k)fluoranthene	22.717	252	6134m	0.214	ng/ul	
26) Benzo(a)pyrene	23.226	252	4858	0.191	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.483	276	4999	0.146	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.497	278	4963	0.184	ng/ul	94
29) Benzo(g,h,i)perylene	26.134	276	4541	0.168	ng/ul	95

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

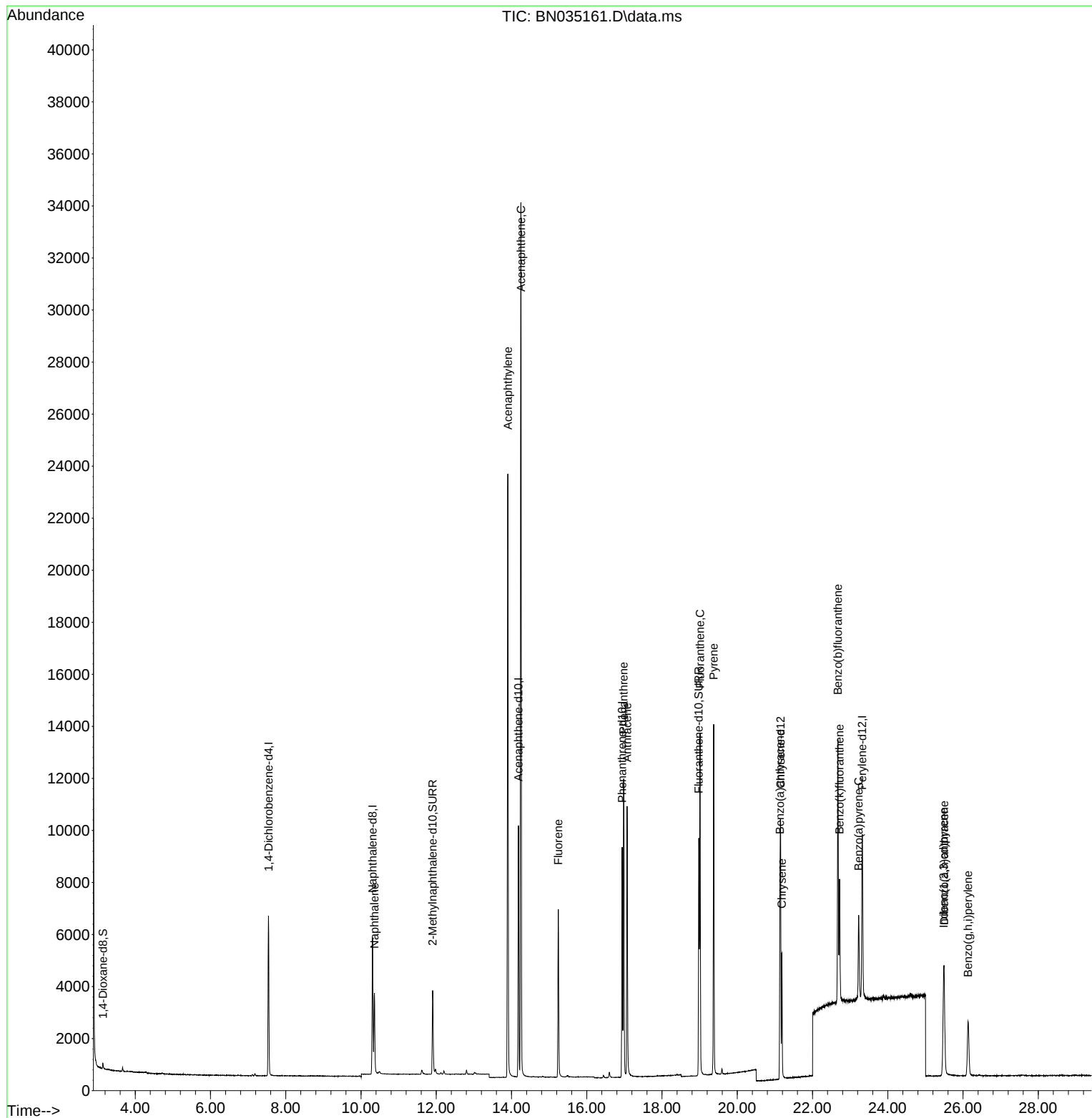
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
Data File : BN035161.D
Acq On : 19 Nov 2024 14:40
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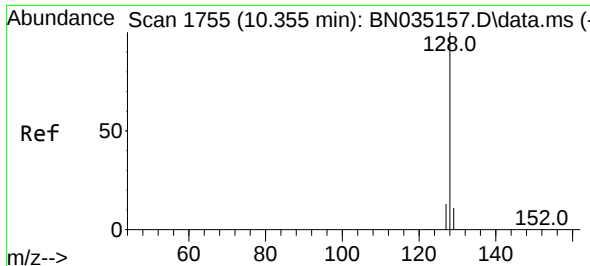
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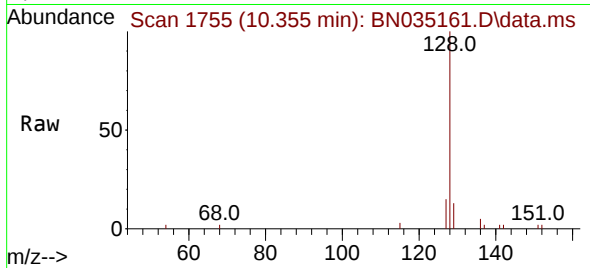
Quant Time: Nov 19 15:06:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 00:44:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.236 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

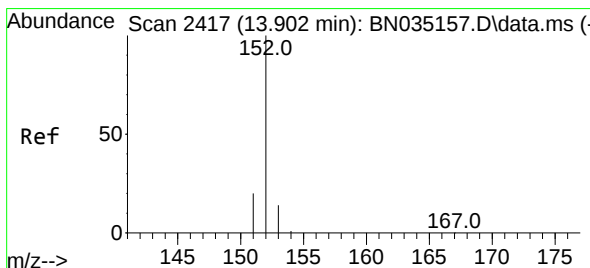
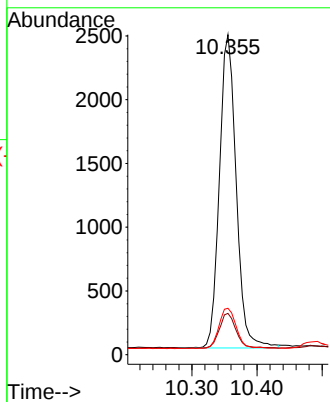
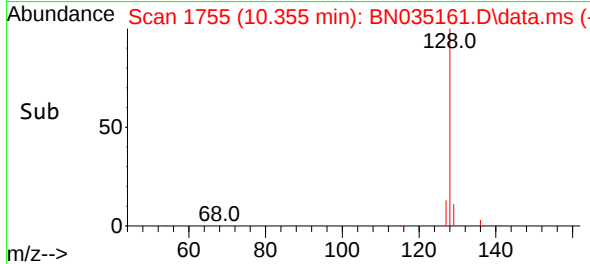
Instrument :
BNA_N
ClientSampleId :
A0AT1DL



Tgt Ion:128 Resp: 440
Ion Ratio Lower Upper
128 100
129 12.9 9.9 14.9
127 14.5 11.4 17.2

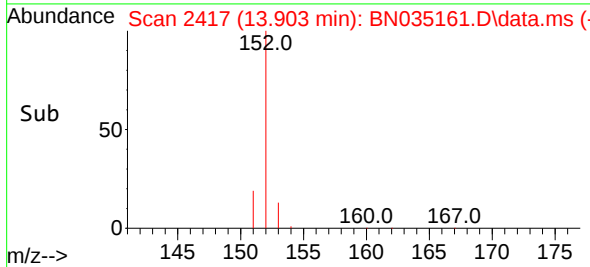
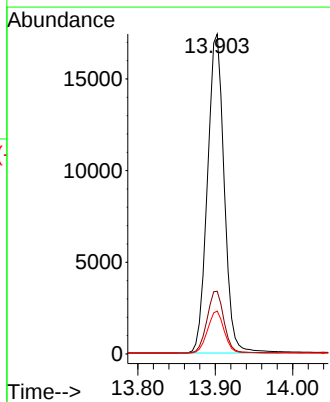
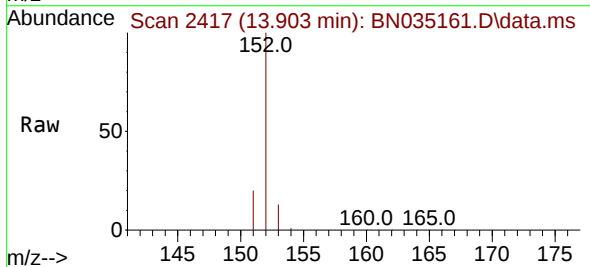
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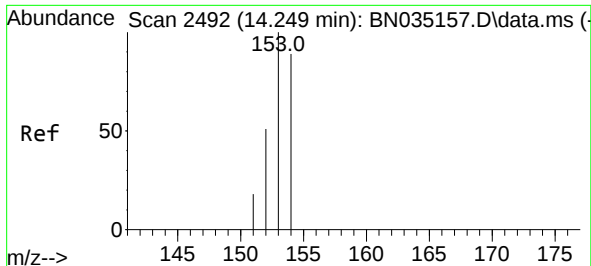
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#10
Acenaphthylene
Concen: 1.281 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

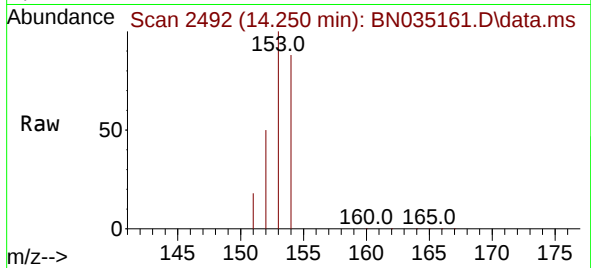
Tgt Ion:152 Resp: 26152
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.4 11.1 16.7





#11
Acenaphthene
Concen: 1.220 ng/ul
RT: 14.250 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

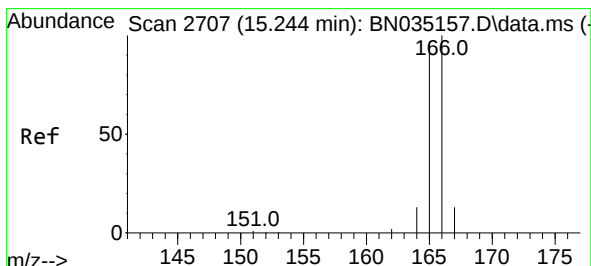
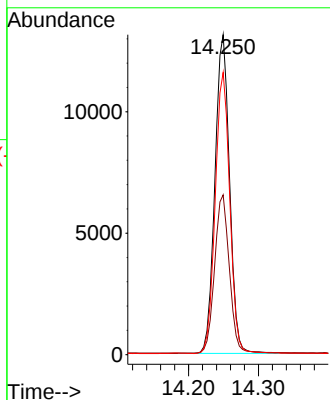
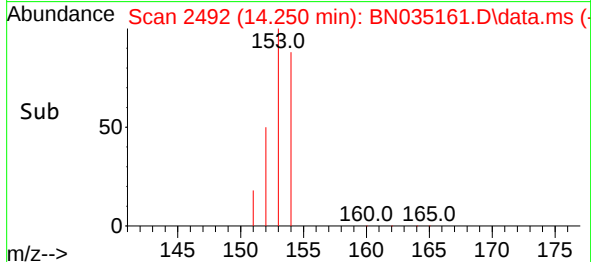
Instrument :
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ClientSampleId :
A0AT1DL



Tgt Ion:153 Resp: 1905
Ion Ratio Lower Upper
153 100
152 49.9 41.4 62.0
154 88.2 71.2 106.8

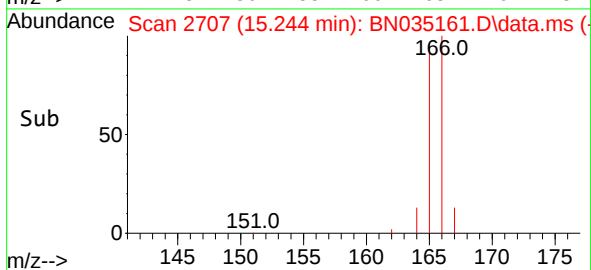
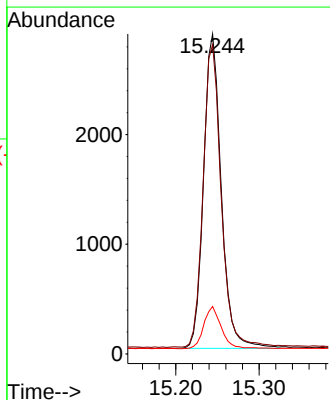
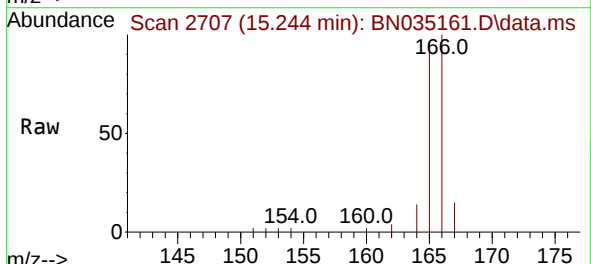
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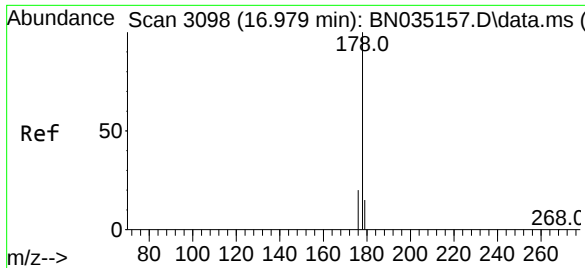
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#12
Fluorene
Concen: 0.232 ng/ul
RT: 15.244 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

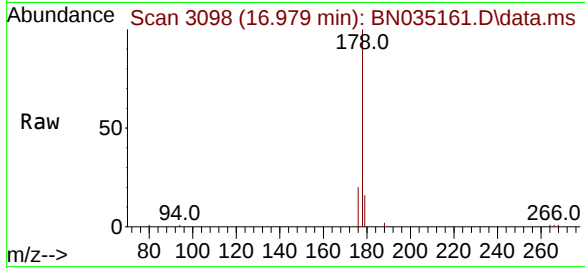
Tgt Ion:166 Resp: 4253
Ion Ratio Lower Upper
166 100
165 96.7 78.6 118.0
167 14.8 11.8 17.6





#15
Phenanthrene
Concen: 0.426 ng/u1
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

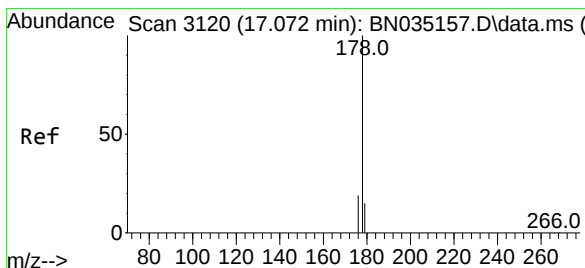
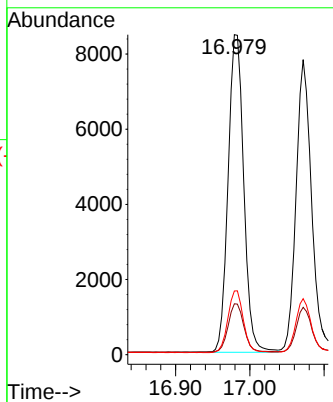
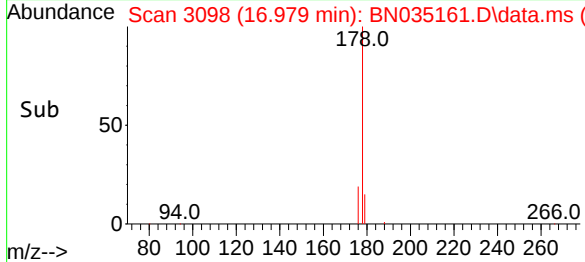
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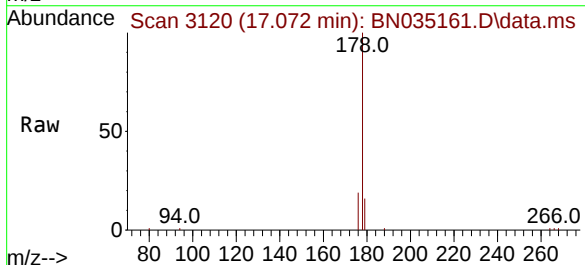
Tgt Ion:178 Resp: 12365
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.9 15.6 23.4

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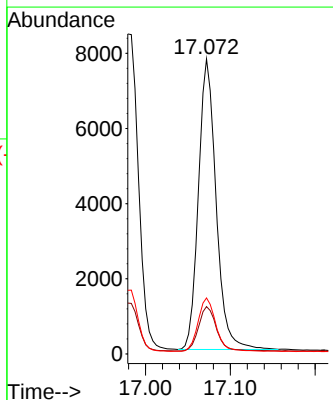
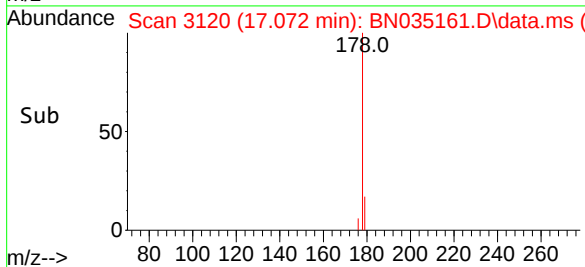
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

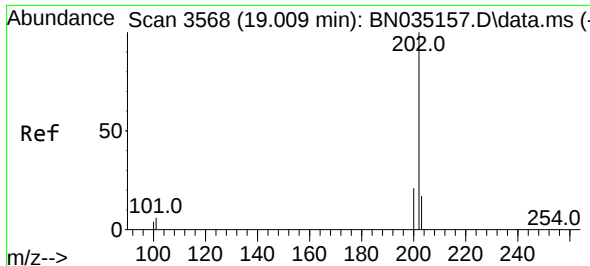


#16
Anthracene
Concen: 0.415 ng/u1
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40



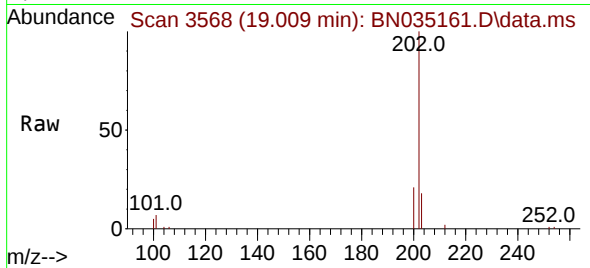
Tgt Ion:178 Resp: 11192
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.0 15.4 23.2





#19
Fluoranthene
Concen: 0.424 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

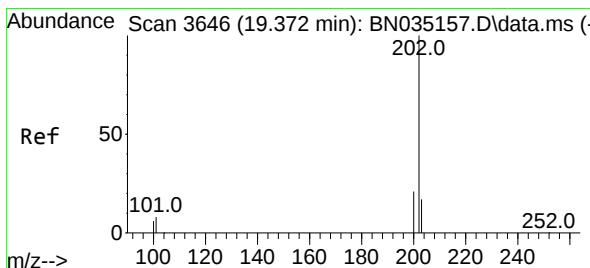
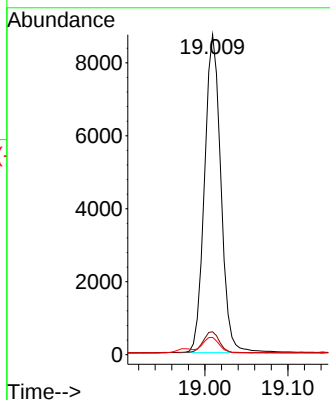
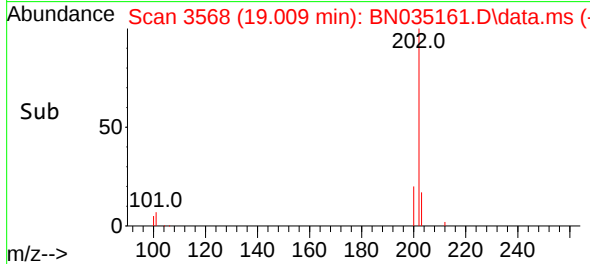
Instrument :
BNA_N
ClientSampleId :
A0AT1DL



Tgt Ion:202 Resp: 1195
Ion Ratio Lower Upper
202 100
101 7.1 5.8 8.6
100 5.4 4.5 6.7

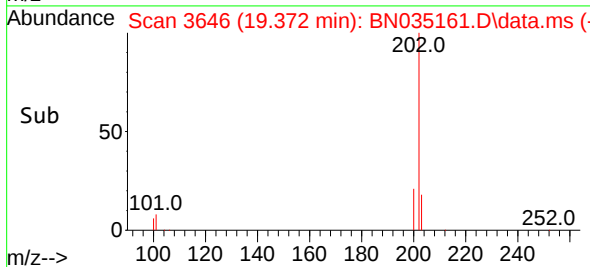
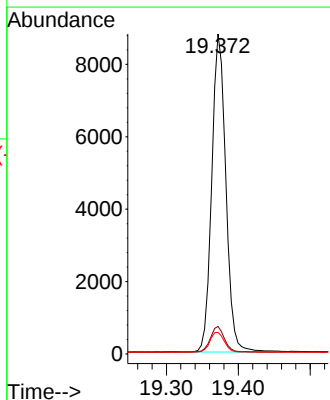
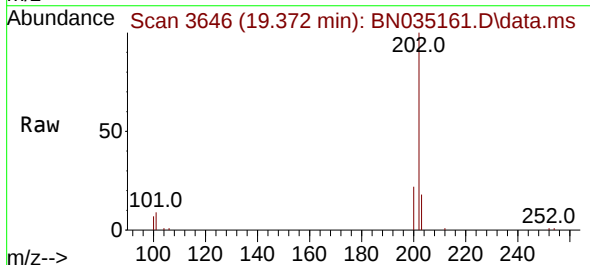
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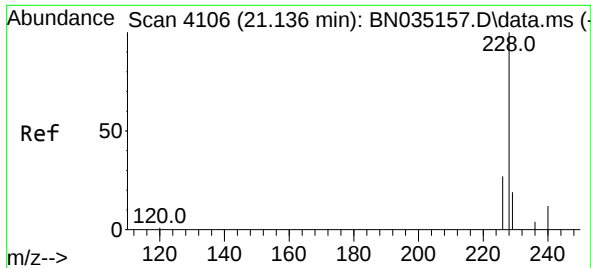
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#20
Pyrene
Concen: 0.408 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

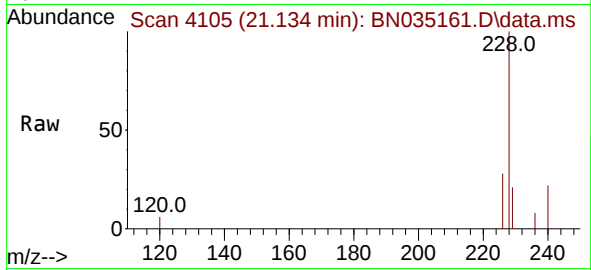
Tgt Ion:202 Resp: 11959
Ion Ratio Lower Upper
202 100
101 8.6 6.2 9.4
100 6.7 5.1 7.7





#21
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 21.134 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

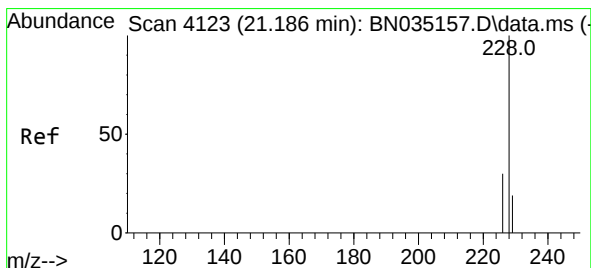
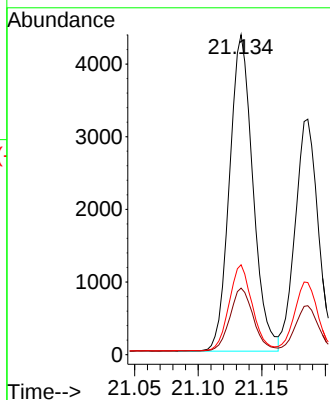
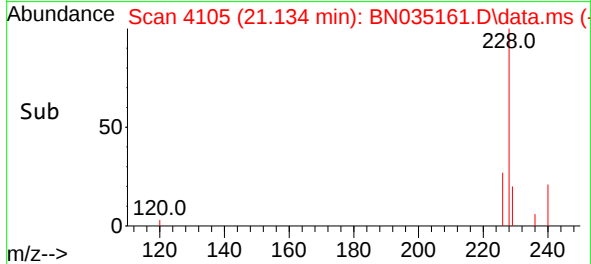
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ClientSampleId :
A0AT1DL



Tgt Ion:228 Resp: 5579
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 28.1 21.8 32.8

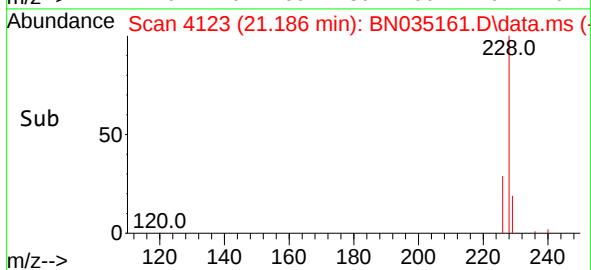
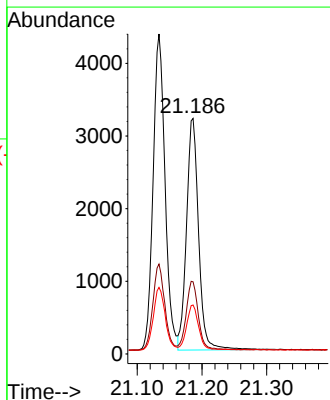
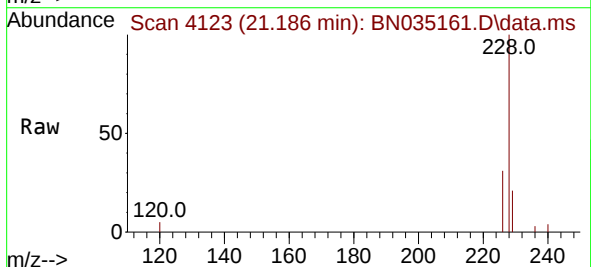
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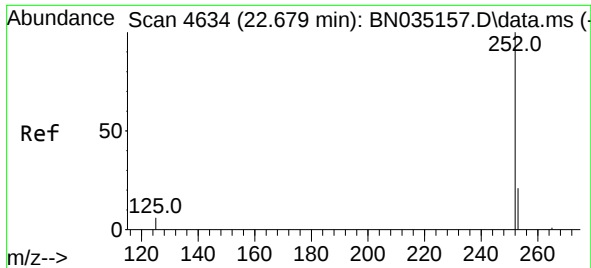
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#22
Chrysene
Concen: 0.146 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

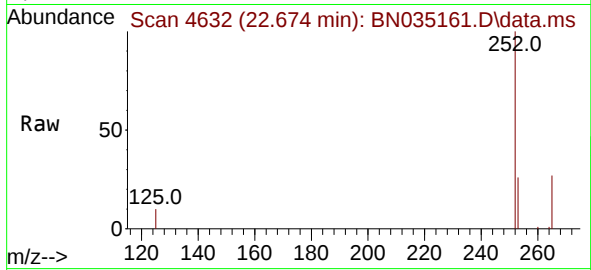
Tgt Ion:228 Resp: 4139
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 20.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

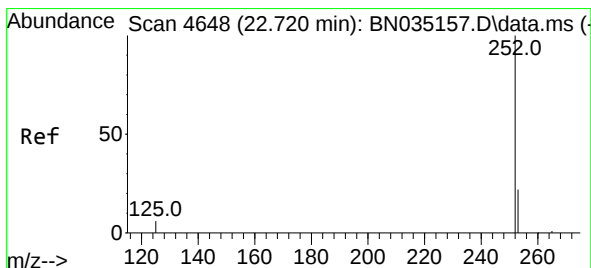
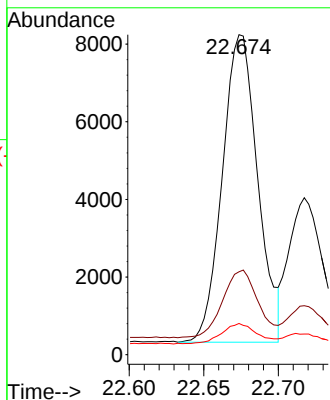
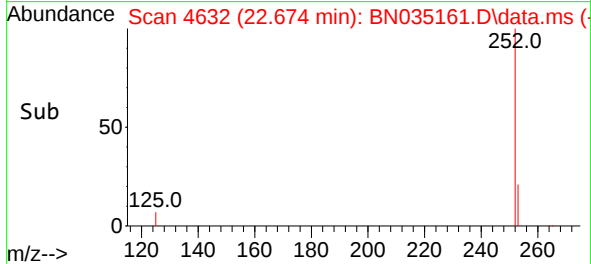
Instrument :
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Tgt Ion:252 Resp: 1306
Ion Ratio Lower Upper
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253 25.9 0.0 54.0
125 9.8 0.0 19.4

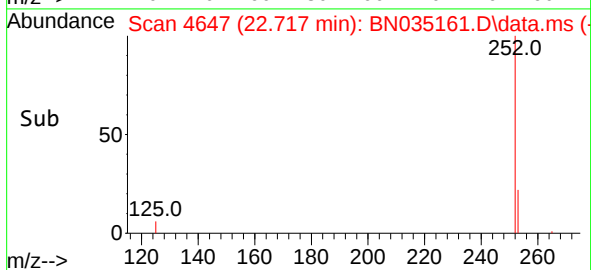
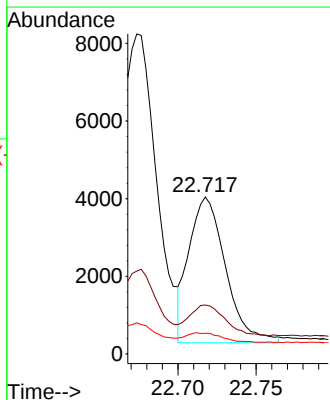
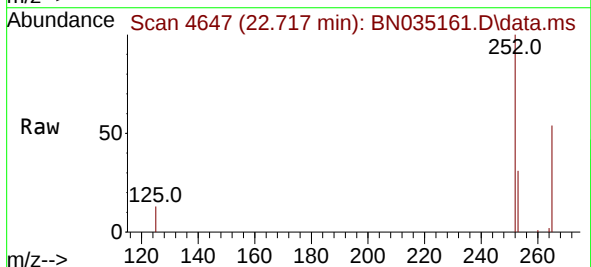
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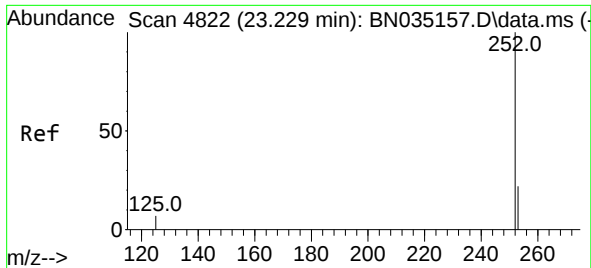
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.214 ng/ul m
RT: 22.717 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

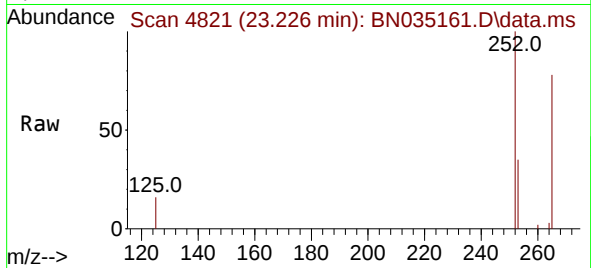
Tgt Ion:252 Resp: 6134
Ion Ratio Lower Upper
252 100
253 31.2 21.8 32.6
125 13.2 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

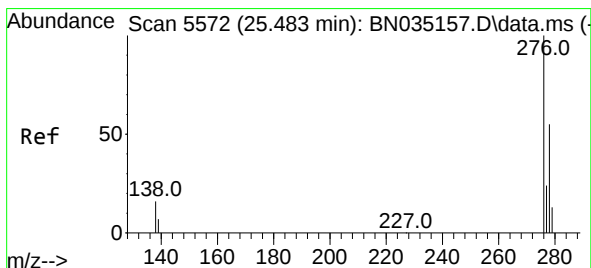
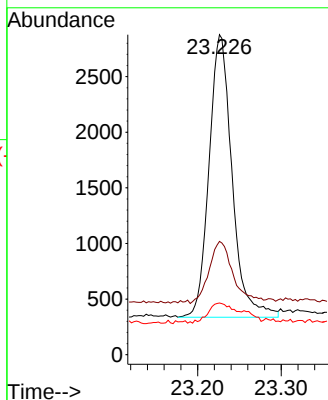
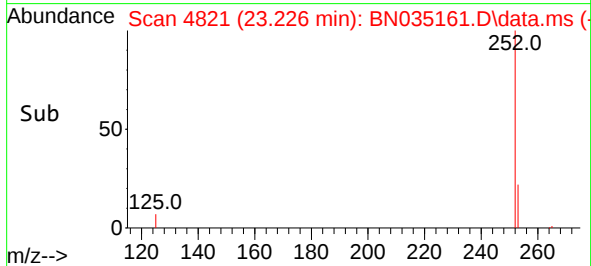
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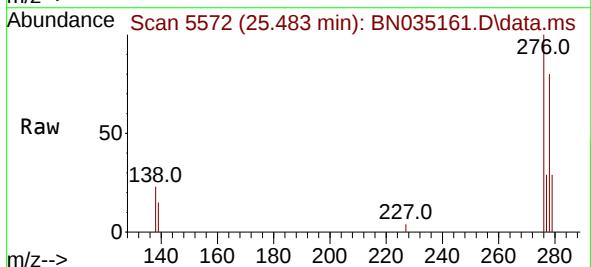
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Ion Ratio Lower Upper
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125 16.2 9.4 14.2

Manual Integrations
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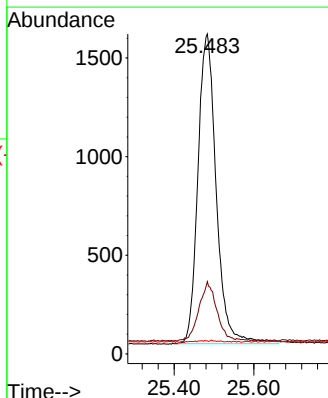
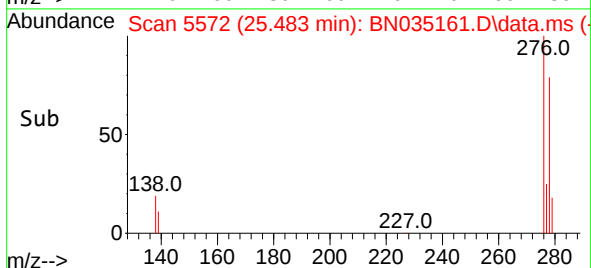
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

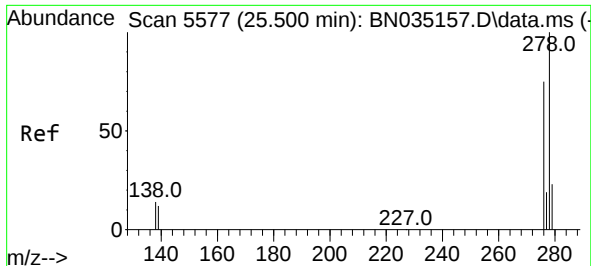


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 25.483 min Scan# 5572
Delta R.T. -0.003 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40



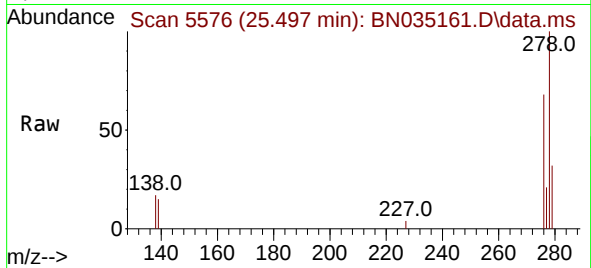
Tgt Ion:276 Resp: 4999
Ion Ratio Lower Upper
276 100
138 18.4 13.8 20.8
227 0.2 0.2 0.4





#28
Dibenzo(a,h)anthracene
Concen: 0.184 ng/ul
RT: 25.497 min Scan# 5577
Delta R.T. -0.010 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

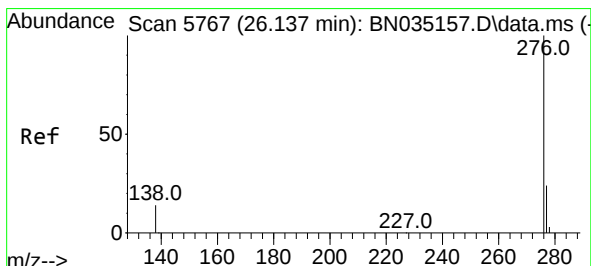
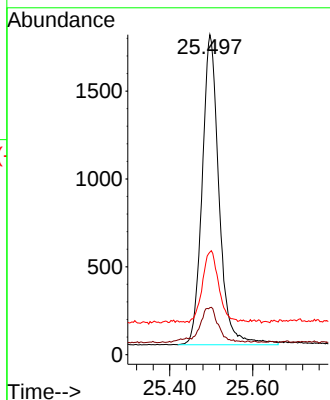
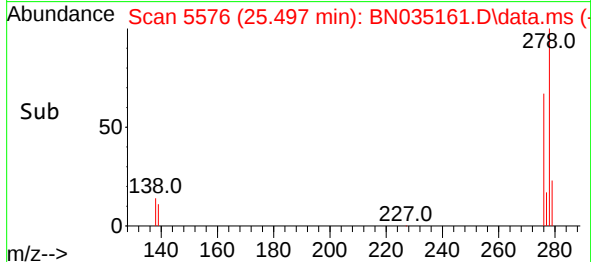
Instrument :
BNA_N
ClientSampleId :
A0AT1DL



Tgt Ion:278 Resp: 496
Ion Ratio Lower Upper
278 100
139 14.7 10.7 16.1
279 32.0 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.168 ng/ul
RT: 26.134 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BN035161.D
Acq: 19 Nov 2024 14:40

Tgt Ion:276 Resp: 4541
Ion Ratio Lower Upper
276 100
138 18.9 13.0 19.6
277 27.8 20.5 30.7

