

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
 Data File : BN034730.D
 Acq On : 25 Oct 2024 19:29
 Operator : RC/JU
 Sample : P4550-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-318-320

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 22:43:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 25 22:11:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	8100	0.400	ng	-0.06
7) Naphthalene-d8	10.415	136	23066	0.400	ng	#-0.06
13) Acenaphthene-d10	14.283	164	11169	0.400	ng	-0.05
19) Phenanthrene-d10	17.026	188	21194	0.400	ng	-0.04
29) Chrysene-d12	21.212	240	11462	0.400	ng	-0.04
35) Perylene-d12	23.412	264	10529	0.400	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	4991	0.207	ng	-0.06
5) Phenol-d6	6.824	99	4532	0.143	ng	-0.06
8) Nitrobenzene-d5	8.782	82	7908	0.409	ng	-0.06
11) 2-Methylnaphthalene-d10	12.014	152	12154	0.383	ng	-0.06
14) 2,4,6-Tribromophenol	15.773	330	1464	0.424	ng	-0.04
15) 2-Fluorobiphenyl	12.904	172	17993	0.405	ng	-0.05
27) Fluoranthene-d10	19.055	212	19929	0.418	ng	-0.04
31) Terphenyl-d14	19.663	244	13334	0.569	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.242	88	3012	0.279	ng	# 64
28) Fluoranthene	19.083	202	1688	0.025	ng	92
30) Pyrene	19.450	202	1782	0.030	ng	97
32) Benzo(a)anthracene	21.194	228	1376	0.031	ng	# 92
33) Chrysene	21.248	228	1421	0.031	ng	92
34) Bis(2-ethylhexyl)phtha...	21.158	149	1735	0.070	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.613	276	1327	0.033	ng	96
37) Benzo(b)fluoranthene	22.757	252	1438	0.034	ng	# 1
38) Benzo(k)fluoranthene	22.801	252	1298	0.031	ng	# 1
39) Benzo(a)pyrene	23.312	252	999	0.030	ng	# 1
40) Dibenzo(a,h)anthracene	25.637	278	983	0.031	ng	# 29
41) Benzo(g,h,i)perylene	26.286	276	1098	0.031	ng	# 61

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

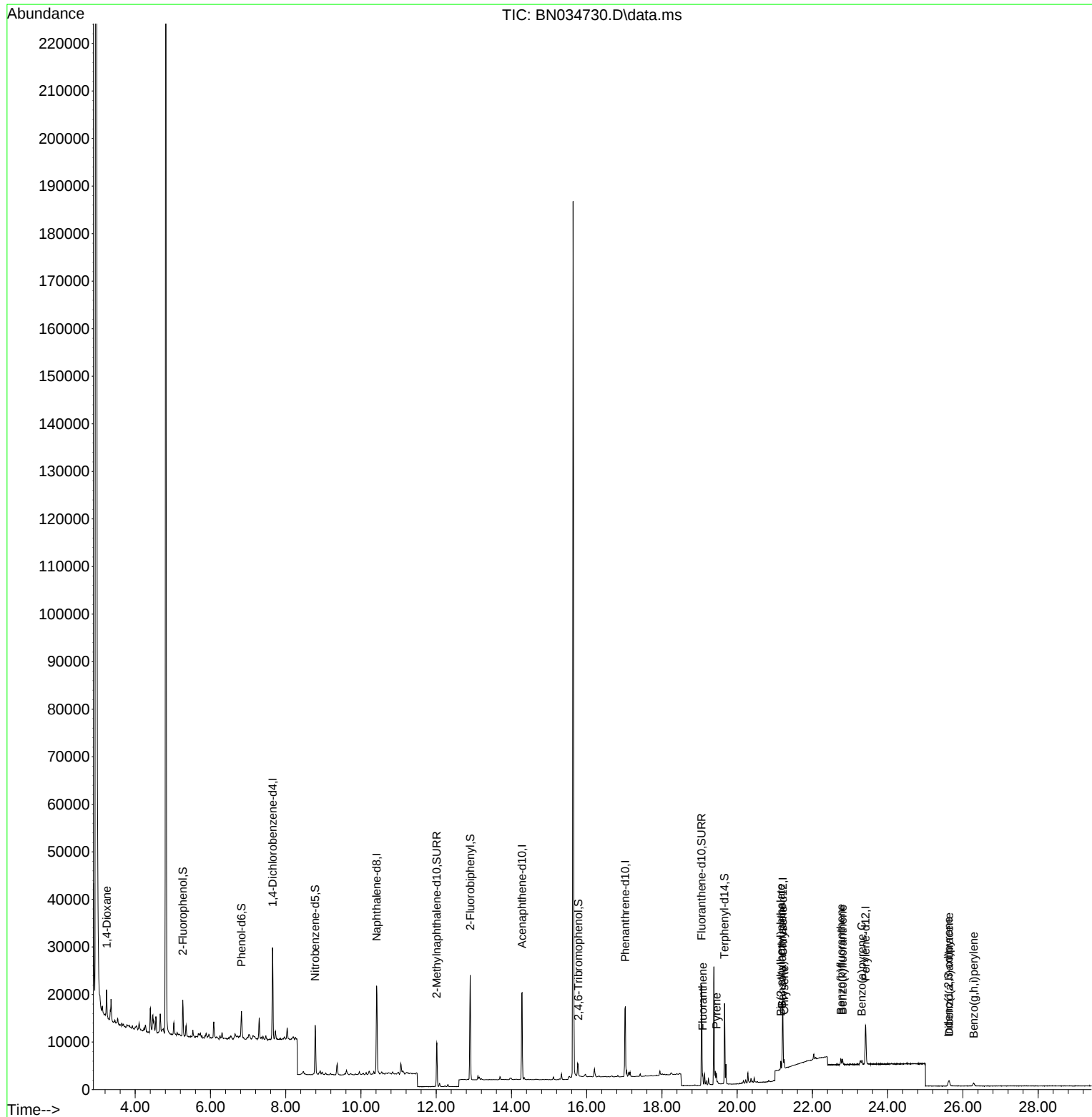
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
Data File : BN034730.D
Acq On : 25 Oct 2024 19:29
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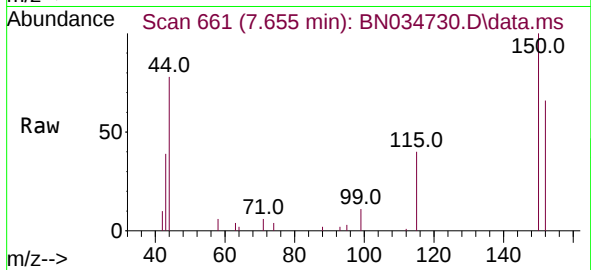
Quant Time: Oct 25 22:43:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 22:11:36 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.655 min Scan# 60
Delta R.T. -0.057 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

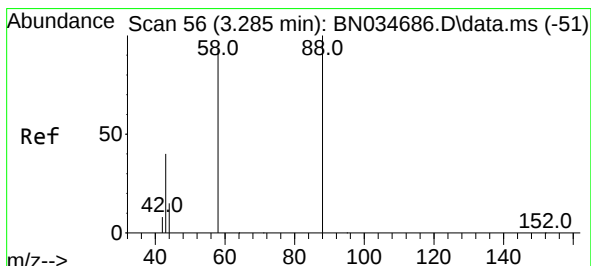
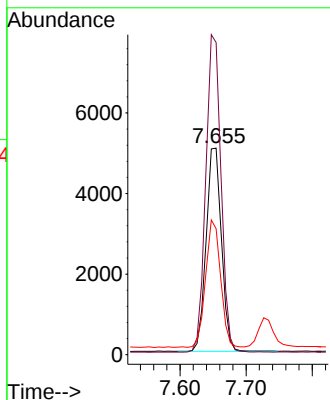
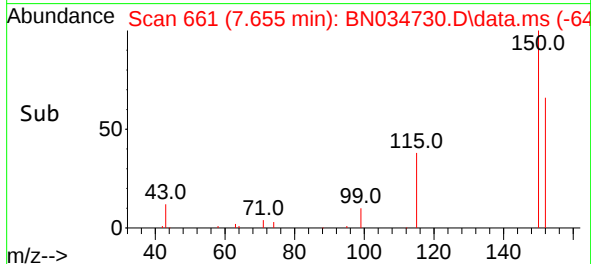
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320



Tgt Ion: 152 Resp: 8100
Ion Ratio Lower Upper
152 100
150 151.1 122.7 184.1
115 61.0 51.0 76.6

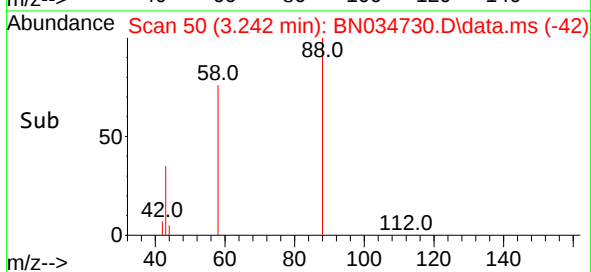
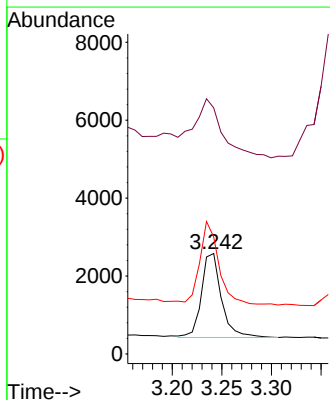
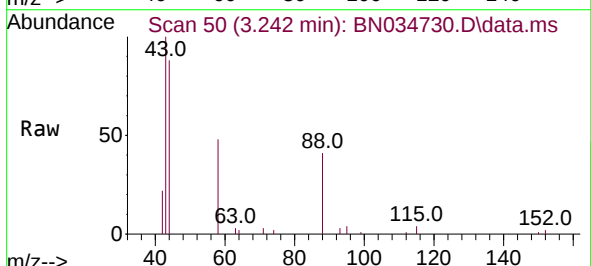
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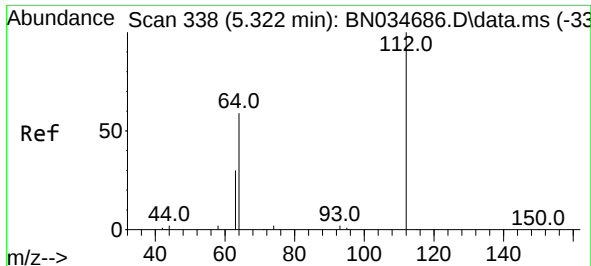
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#2
1,4-Dioxane
Concen: 0.279 ng
RT: 3.242 min Scan# 50
Delta R.T. -0.043 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

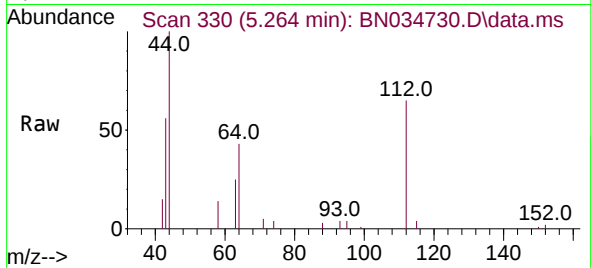
Tgt Ion: 88 Resp: 3012
Ion Ratio Lower Upper
88 100
43 101.8 32.1 48.1#
58 100.3 73.7 110.5





#4
2-Fluorophenol
Concen: 0.207 ng
RT: 5.264 min Scan# 311
Delta R.T. -0.058 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

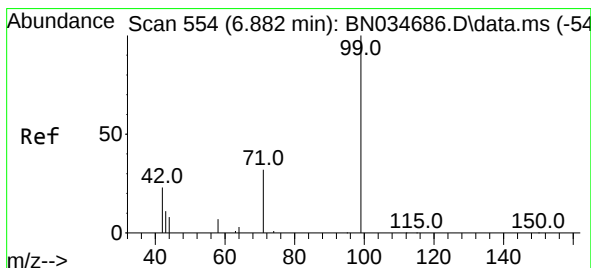
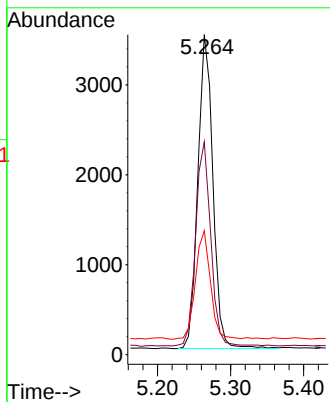
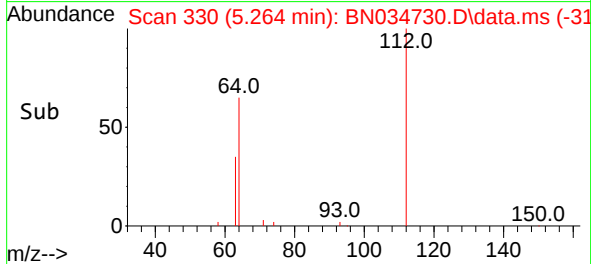
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:112 Resp: 499
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 34.4 27.6 41.4

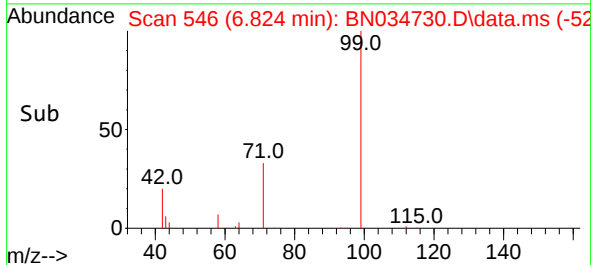
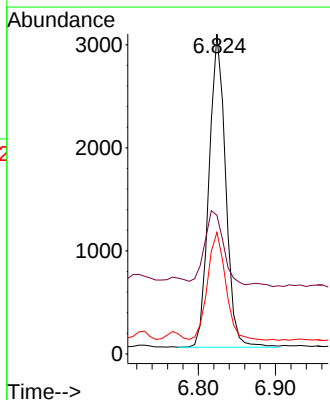
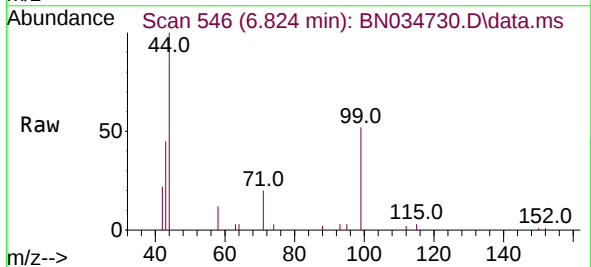
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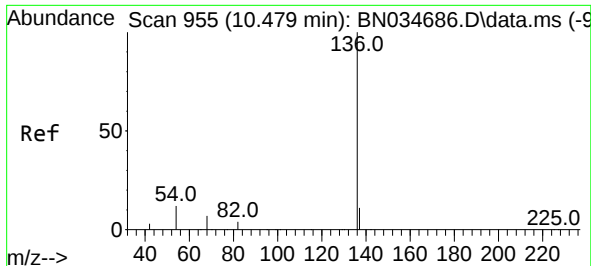
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#5
Phenol-d6
Concen: 0.143 ng
RT: 6.824 min Scan# 546
Delta R.T. -0.058 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Tgt Ion: 99 Resp: 4532
Ion Ratio Lower Upper
99 100
42 25.9 21.8 32.8
71 37.5 26.6 40.0





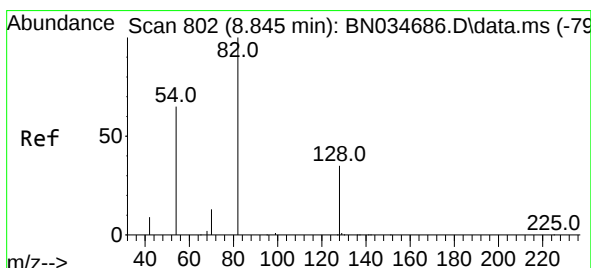
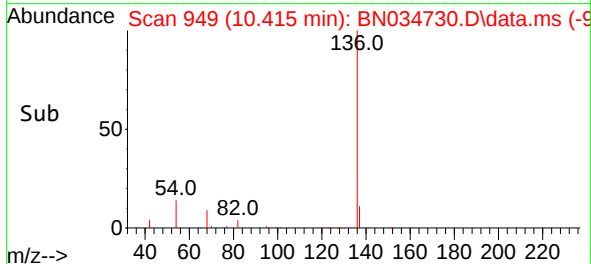
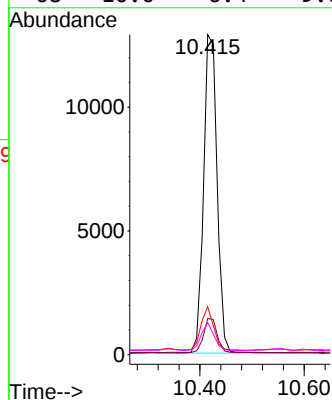
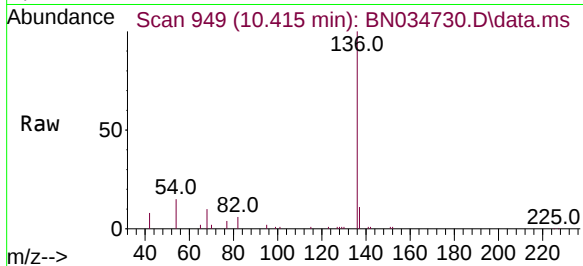
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 941
Delta R.T. -0.064 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320

Tgt Ion:136 Resp: 23060
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 15.0 9.8 14.8
68 10.0 6.4 9.6#

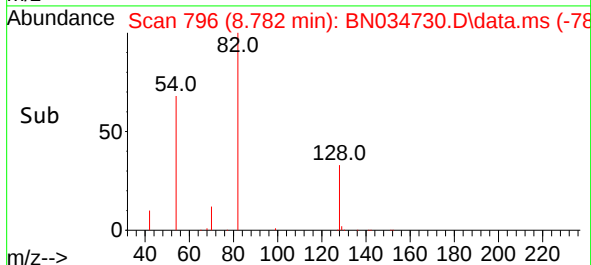
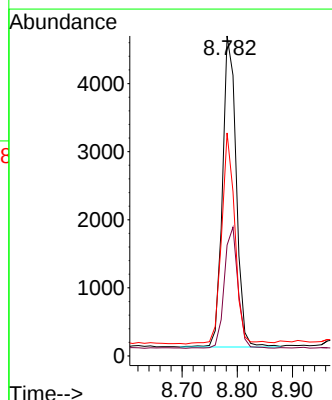
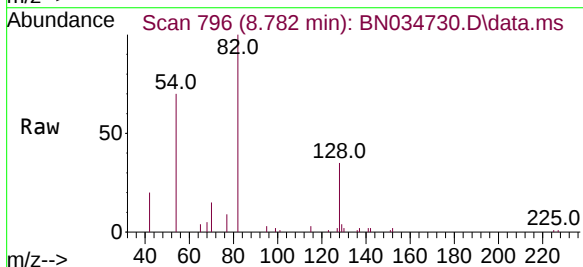
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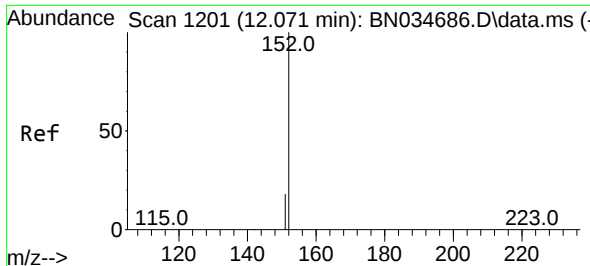
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.782 min Scan# 796
Delta R.T. -0.064 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

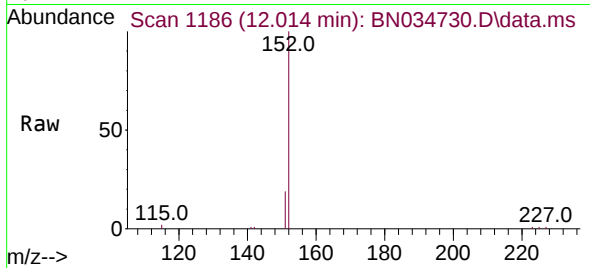
Tgt Ion: 82 Resp: 7908
Ion Ratio Lower Upper
82 100
128 34.7 29.7 44.5
54 69.7 53.0 79.6





#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.014 min Scan# 1115
Delta R.T. -0.057 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

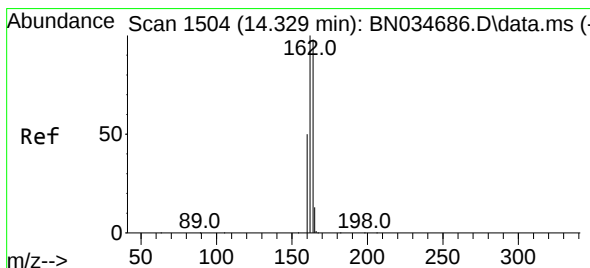
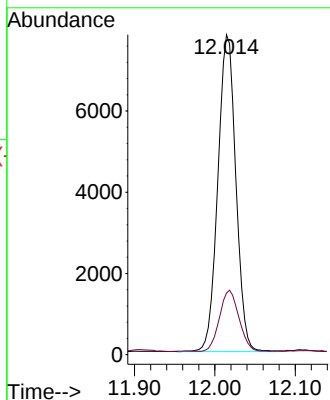
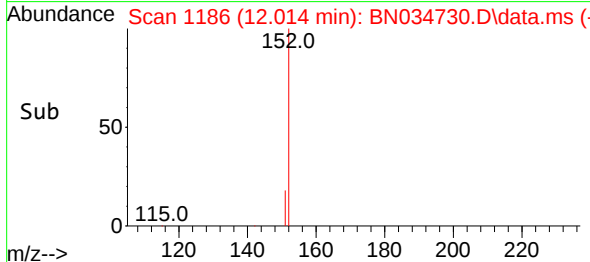
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320



Tgt Ion:152 Resp: 12154
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1

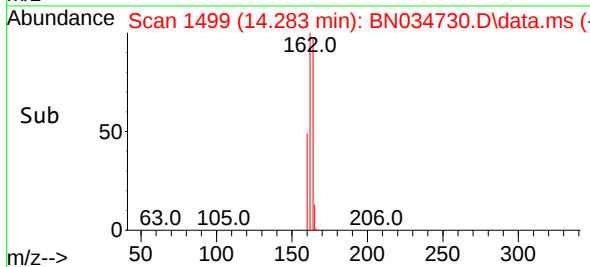
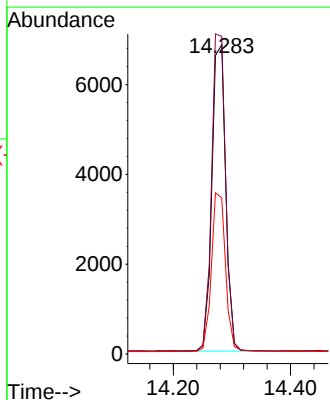
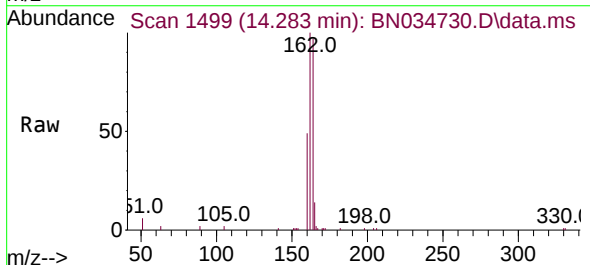
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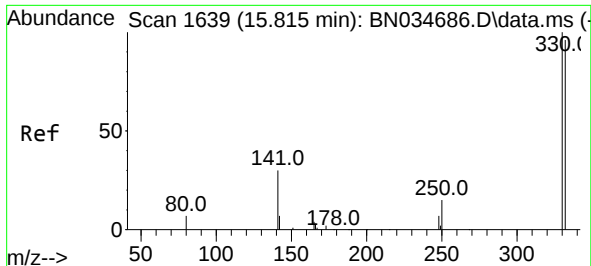
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.283 min Scan# 1499
Delta R.T. -0.046 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

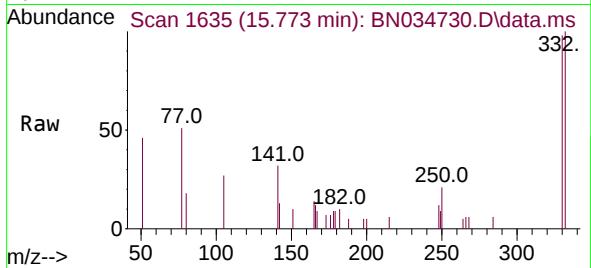
Tgt Ion:164 Resp: 11169
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 50.5 40.6 61.0





#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.773 min Scan# 1635
Delta R.T. -0.043 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

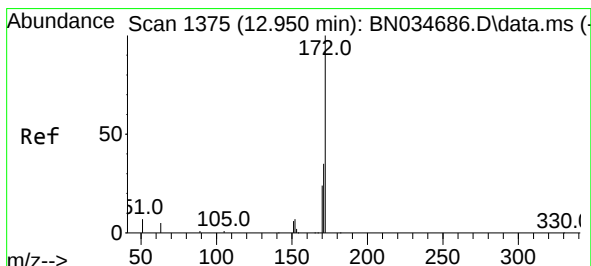
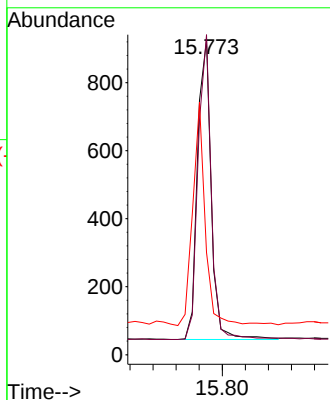
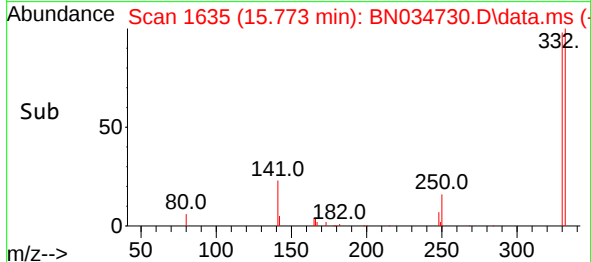
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320



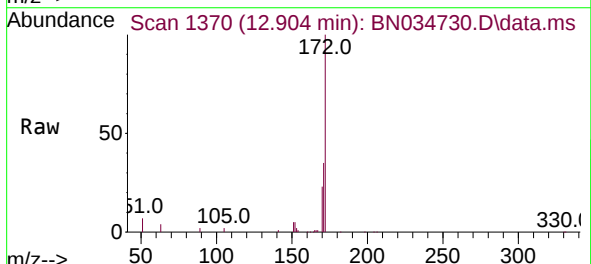
Tgt Ion:330 Resp: 1464
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 67.3 54.6 81.8

Manual Integrations
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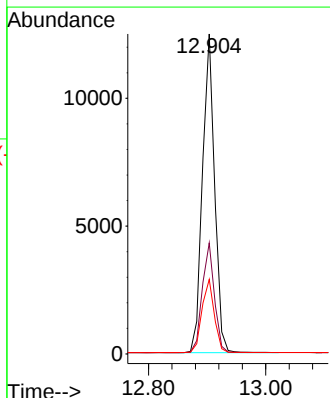
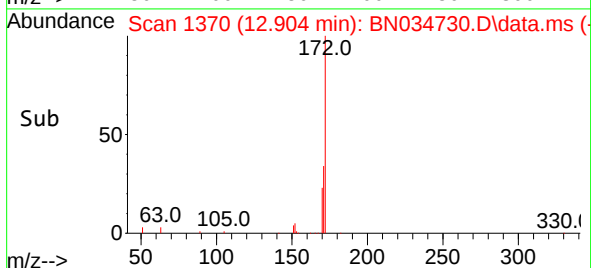
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024

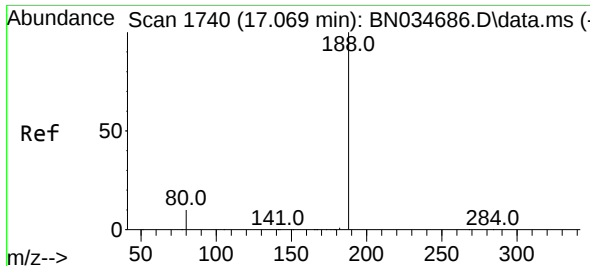


#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.904 min Scan# 1370
Delta R.T. -0.046 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29



Tgt Ion:172 Resp: 17993
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.8 29.6





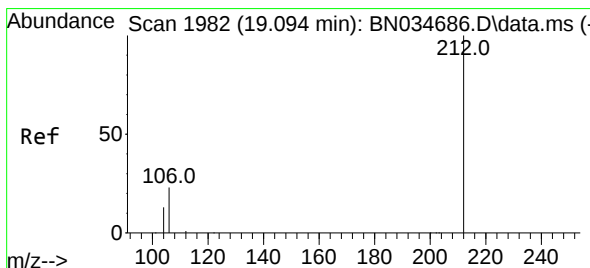
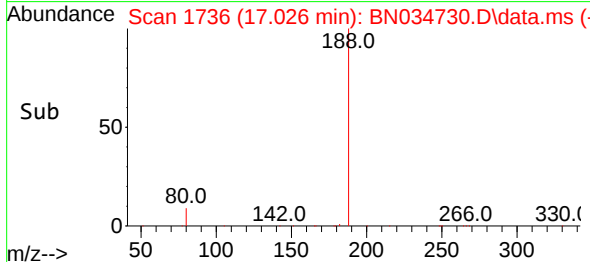
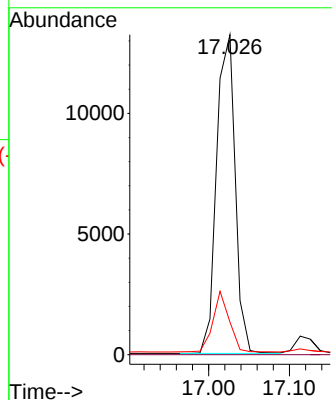
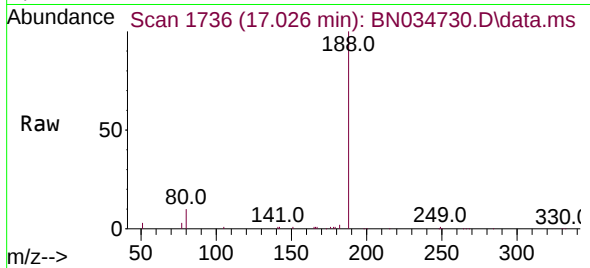
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.026 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320

Tgt Ion:188 Resp: 21194
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.9 13.3

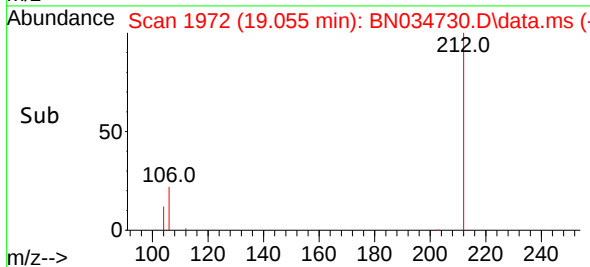
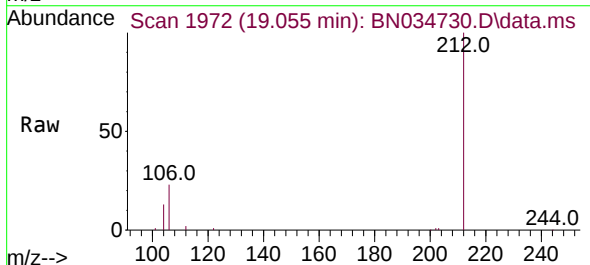
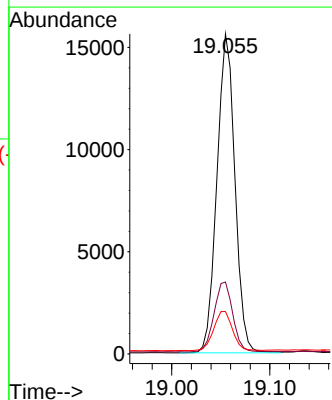
Manual Integrations
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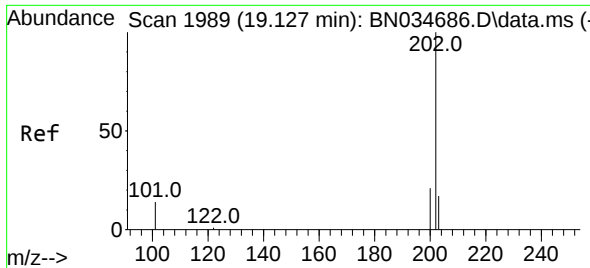
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.055 min Scan# 1972
Delta R.T. -0.039 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Tgt Ion:212 Resp: 19929
Ion Ratio Lower Upper
212 100
106 22.7 17.8 26.8
104 12.9 10.2 15.4





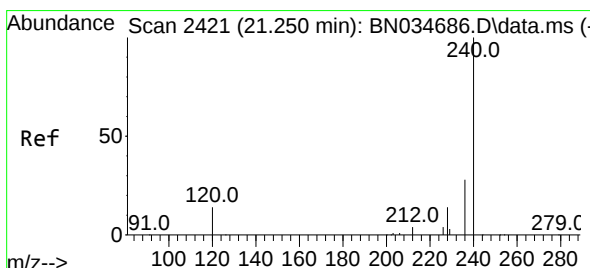
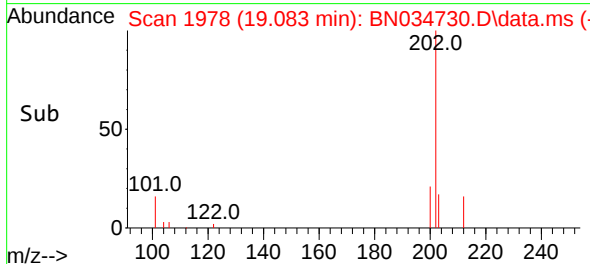
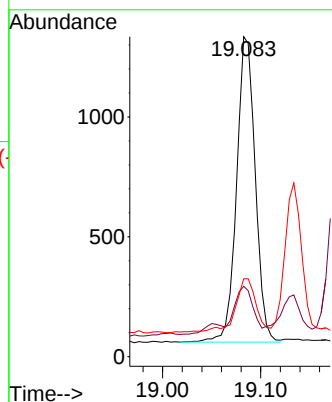
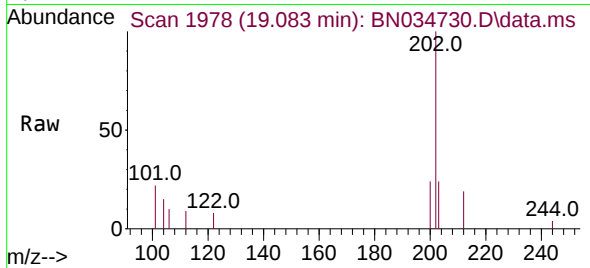
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Fluoranthene
Concen: 0.025 ng
RT: 19.083 min Scan# 1989
Delta R.T. -0.044 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320

Tgt Ion:202 Resp: 1688
Ion Ratio Lower Upper
202 100
101 12.9 12.8 19.2
203 20.2 13.5 20.3

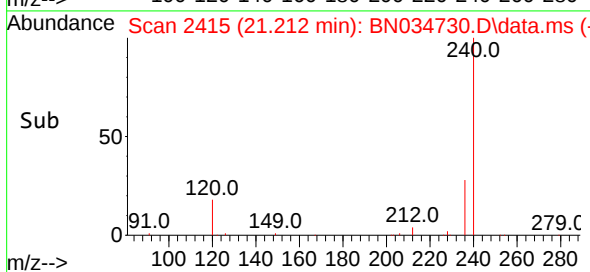
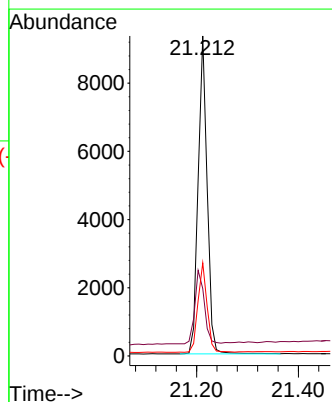
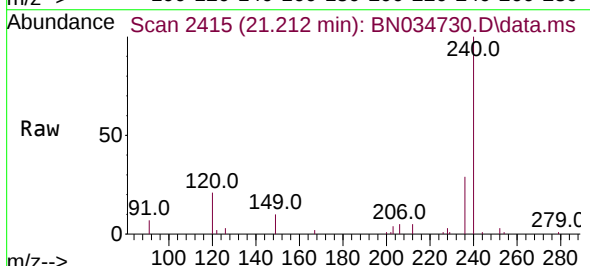
Manual Integrations
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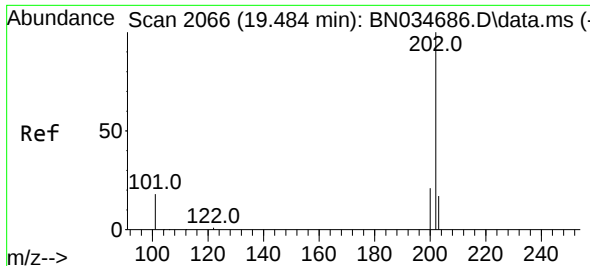
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.212 min Scan# 2415
Delta R.T. -0.038 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Tgt Ion:240 Resp: 11462
Ion Ratio Lower Upper
240 100
120 21.1 14.2 21.2
236 29.1 23.1 34.7





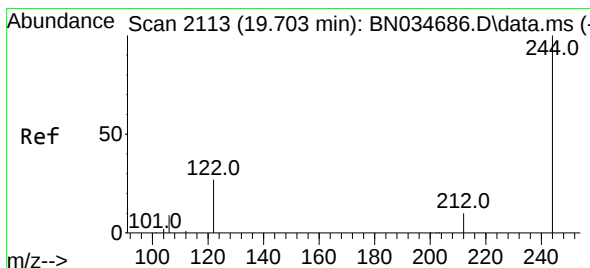
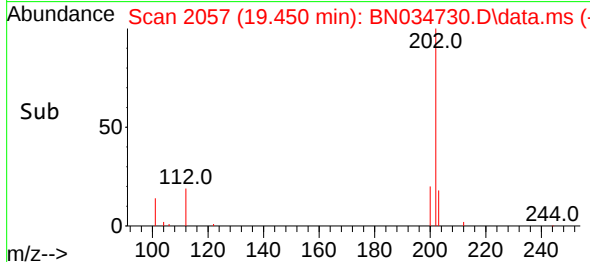
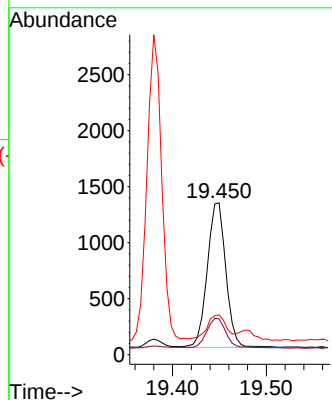
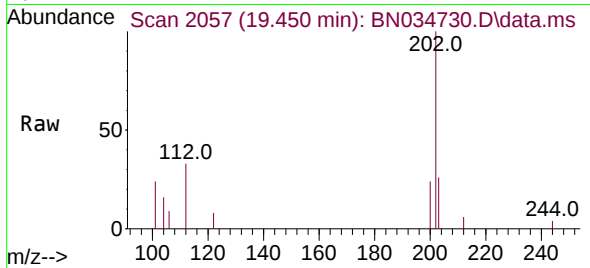
#30
Pyrene
Concen: 0.030 ng
RT: 19.450 min Scan# 2066
Delta R.T. -0.035 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320

Tgt Ion:202 Resp: 178
Ion Ratio Lower Upper
202 100
200 21.8 16.6 25.0
203 19.2 14.2 21.4

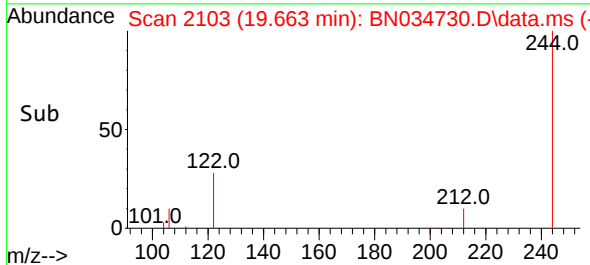
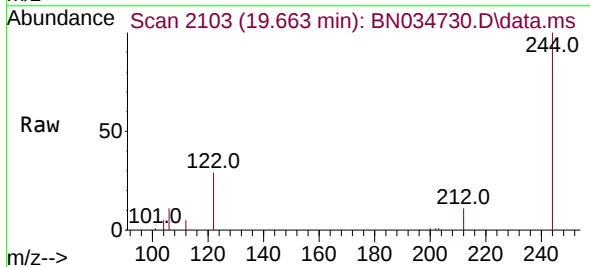
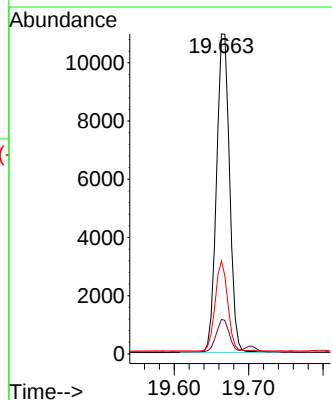
Manual Integrations
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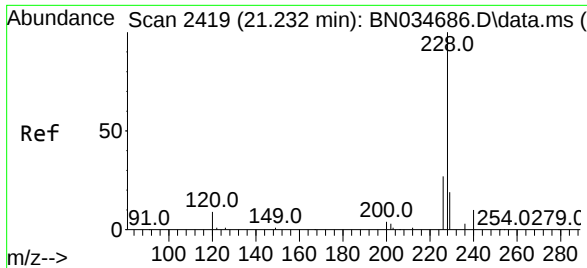
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#31
Terphenyl-d14
Concen: 0.569 ng
RT: 19.663 min Scan# 2103
Delta R.T. -0.039 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

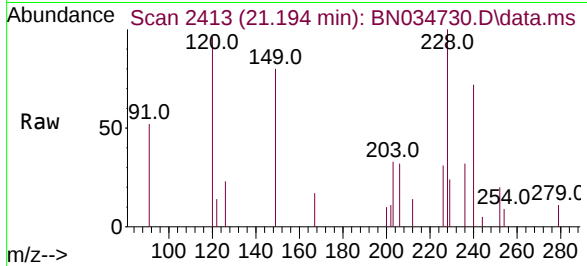
Tgt Ion:244 Resp: 13334
Ion Ratio Lower Upper
244 100
212 10.8 8.6 13.0
122 29.1 22.3 33.5





#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.194 min Scan# 2413
Delta R.T. -0.038 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

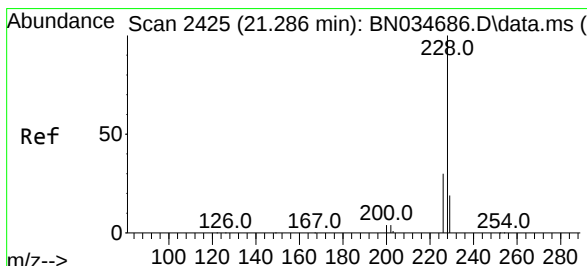
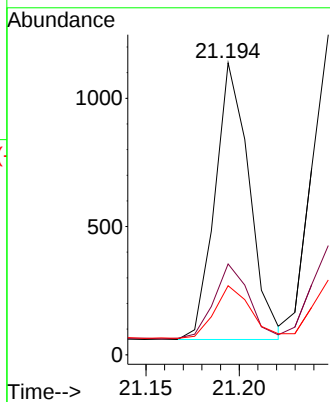
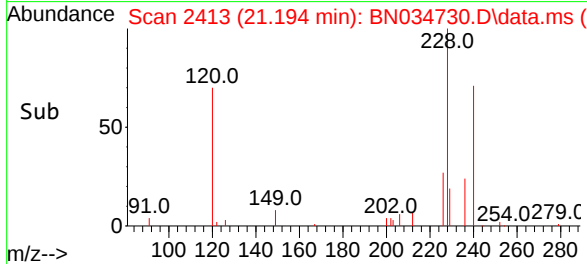
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320



Tgt Ion:228 Resp: 1370
Ion Ratio Lower Upper
228 100
226 31.1 22.0 33.0
229 23.6 15.6 23.4

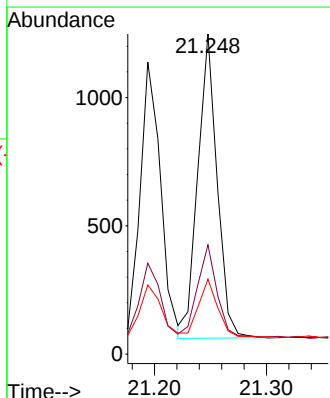
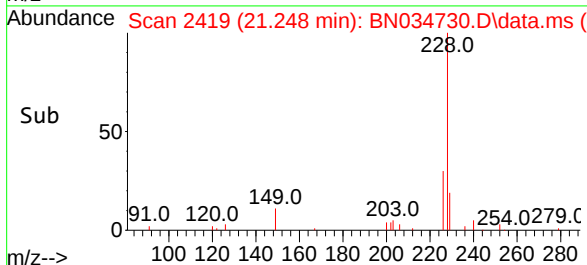
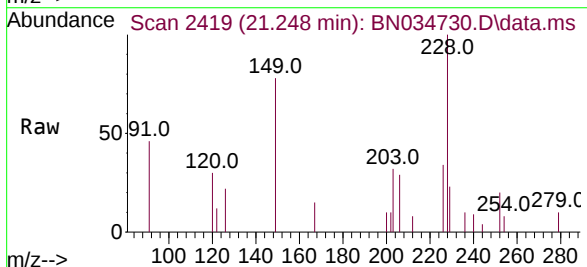
Manual Integrations
APPROVED

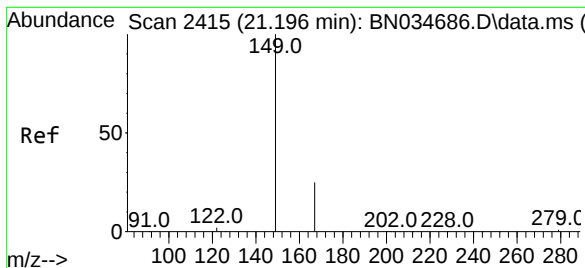
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#33
Chrysene
Concen: 0.031 ng
RT: 21.248 min Scan# 2419
Delta R.T. -0.038 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Tgt Ion:228 Resp: 1421
Ion Ratio Lower Upper
228 100
226 34.1 24.1 36.1
229 23.4 15.8 23.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 21.158 min Scan# 2409

Delta R.T. -0.038 min

Lab File: BN034730.D

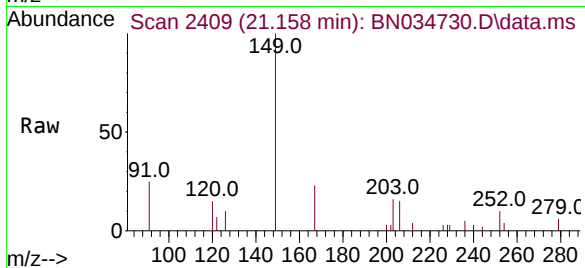
Acq: 25 Oct 2024 19:29

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190-GW-318-320



Tgt Ion:149 Resp: 1735

Ion Ratio Lower Upper

149 100

167 24.6 19.7 29.5

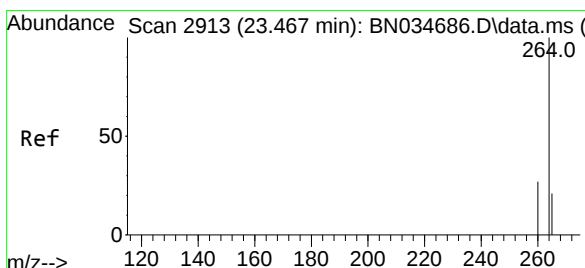
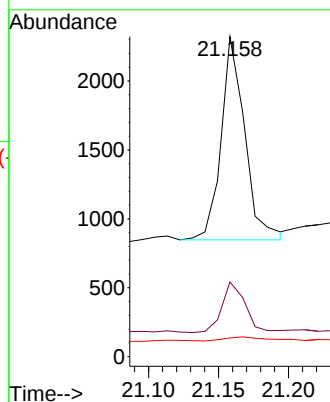
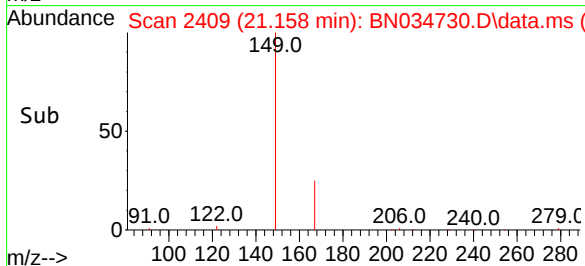
279 3.6 1.8 2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2024

Supervised By :mohammad ahmed 10/28/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.412 min Scan# 2893

Delta R.T. -0.055 min

Lab File: BN034730.D

Acq: 25 Oct 2024 19:29

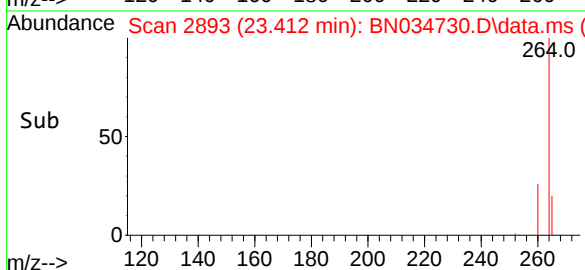
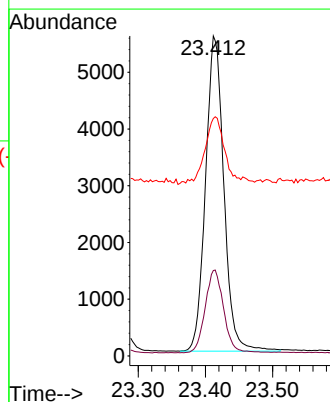
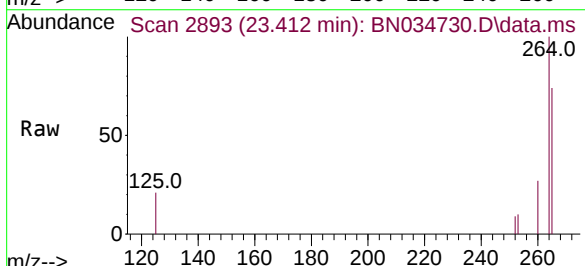
Tgt Ion:264 Resp: 10529

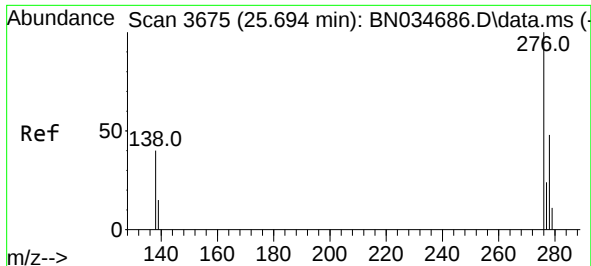
Ion Ratio Lower Upper

264 100

260 26.7 21.9 32.9

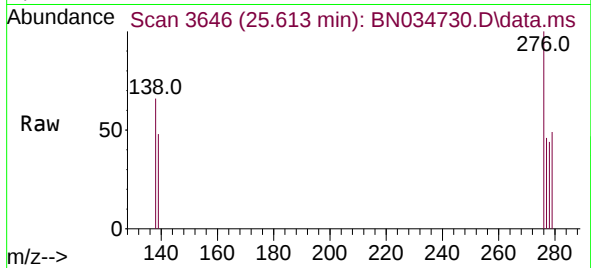
265 74.2 60.6 91.0





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng
RT: 25.613 min Scan# 3646
Delta R.T. -0.081 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

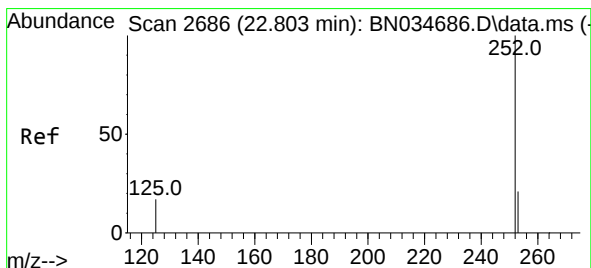
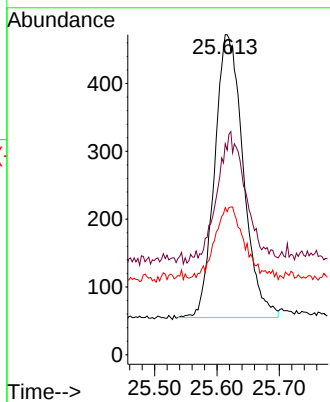
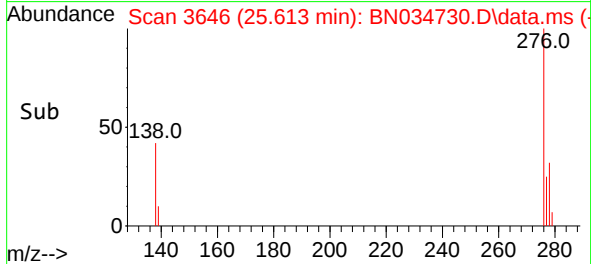
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320



Tgt Ion:276 Resp: 132
Ion Ratio Lower Upper
276 100
138 40.0 35.1 52.7
277 24.5 19.7 29.5

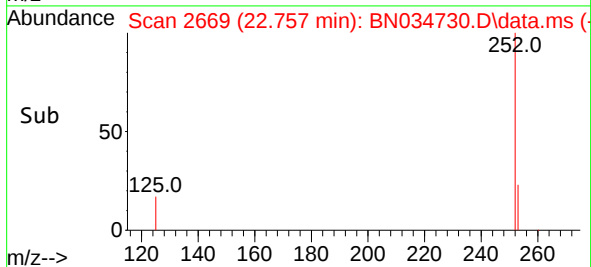
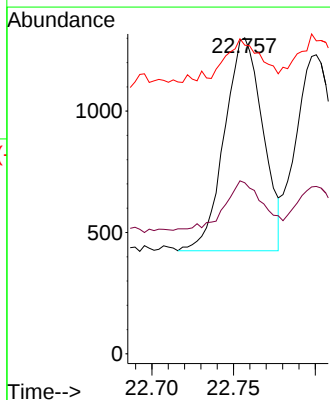
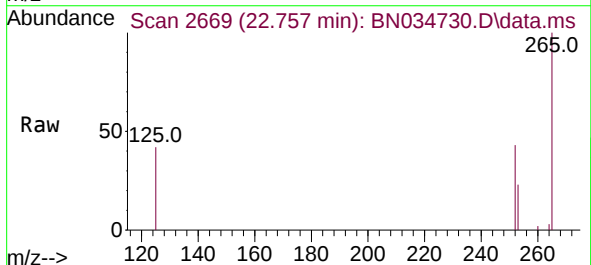
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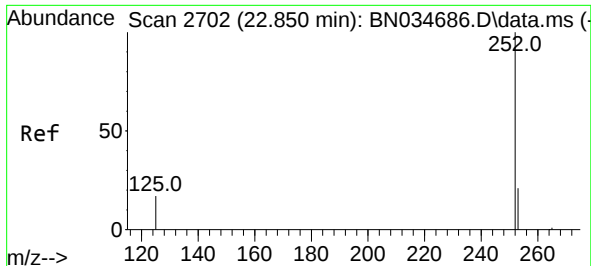
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 22.757 min Scan# 2669
Delta R.T. -0.046 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Tgt Ion:252 Resp: 1438
Ion Ratio Lower Upper
252 100
253 54.1 20.0 30.0#
125 97.7 20.9 31.3#





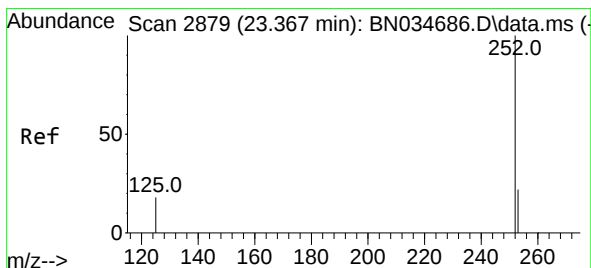
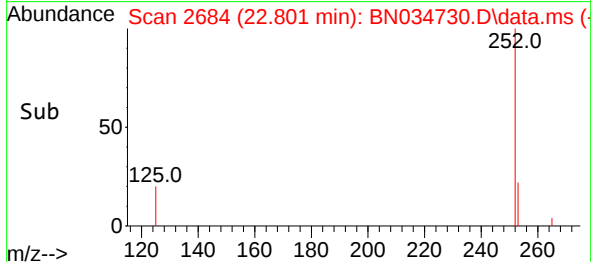
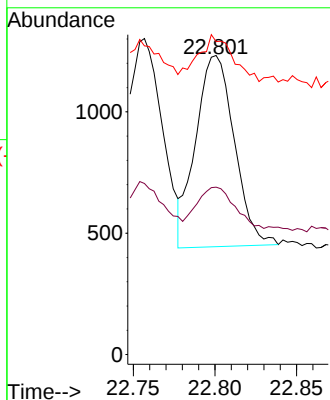
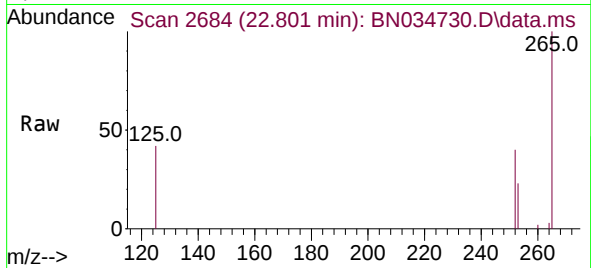
#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.801 min Scan# 2684
Delta R.T. -0.049 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320

Tgt Ion:252 Resp: 1298
Ion Ratio Lower Upper
252 100
253 56.0 20.6 31.0#
125 104.7 21.6 32.4#

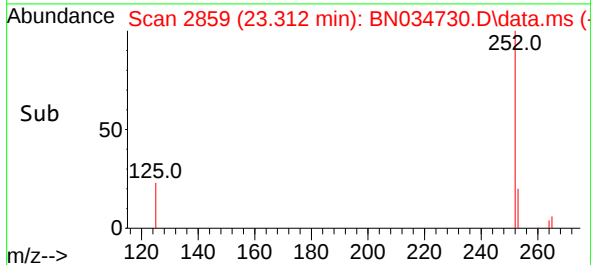
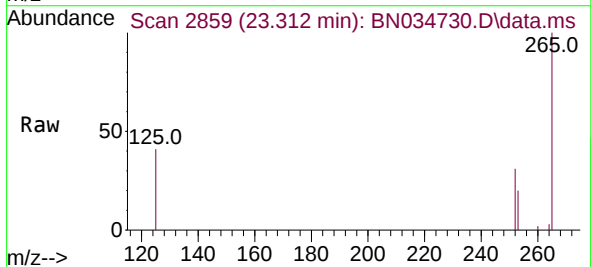
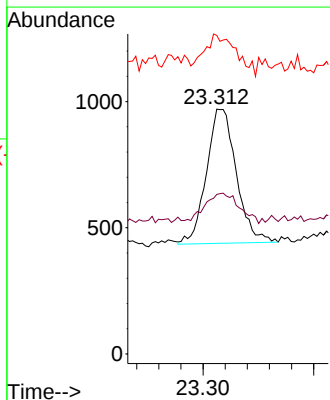
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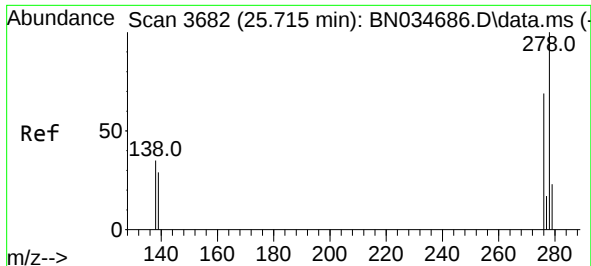
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.312 min Scan# 2859
Delta R.T. -0.055 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

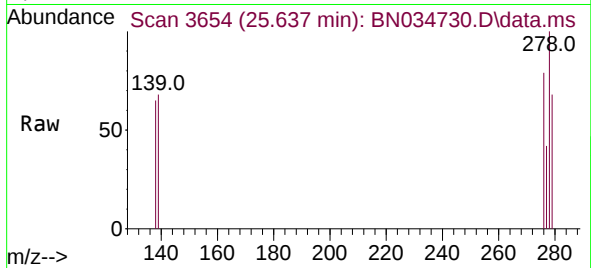
Tgt Ion:252 Resp: 999
Ion Ratio Lower Upper
252 100
253 65.2 22.2 33.4#
125 130.1 26.0 39.0#





#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 25.637 min Scan# 30
Delta R.T. -0.078 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

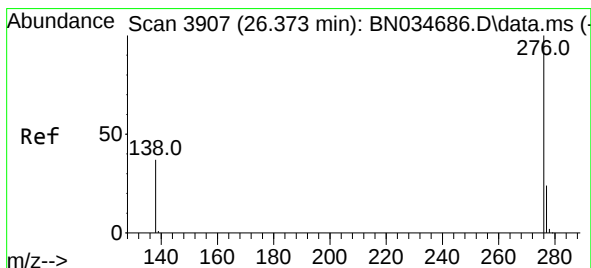
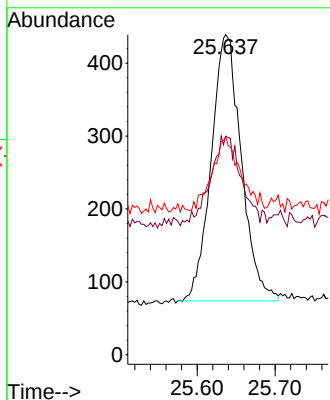
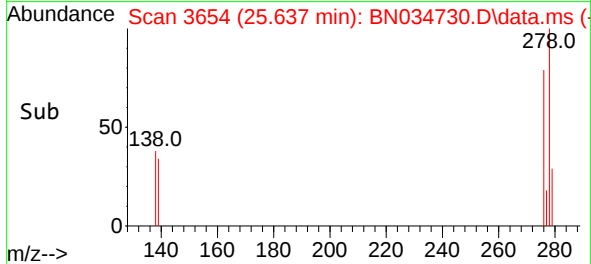
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-318-320



Tgt Ion:278 Resp: 98
Ion Ratio Lower Upper
278 100
139 68.3 25.4 38.2
279 68.1 22.4 33.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/28/2024



#41
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 26.286 min Scan# 3876
Delta R.T. -0.087 min
Lab File: BN034730.D
Acq: 25 Oct 2024 19:29

Tgt Ion:276 Resp: 1098
Ion Ratio Lower Upper
276 100
277 46.2 21.3 31.9#
138 64.5 31.9 47.9#

