

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034490.D
 Acq On : 09 Oct 2024 04:56
 Operator : RC/JU
 Sample : P4226-15
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW-01S-20240925

Quant Time: Oct 09 05:20:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4233	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	12734	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	7205	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	12282	0.400	ng	0.00
29) Chrysene-d12	21.008	240	7235	0.400	ng	0.00
35) Perylene-d12	23.116	264	8611	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	2070	0.172	ng	0.00
5) Phenol-d6	6.600	99	1179m	0.084	ng	0.00
8) Nitrobenzene-d5	8.536	82	2693	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	11.735	152	6578	0.350	ng	-0.02
14) 2,4,6-Tribromophenol	15.555	330	871	0.267	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	11797	0.403	ng	-0.02
27) Fluoranthene-d10	18.834	212	13170	0.425	ng	-0.01
31) Terphenyl-d14	19.452	244	9623	0.666	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	2270	0.429	ng	# 70
28) Fluoranthene	18.862	202	896	0.022	ng	# 93
30) Pyrene	19.229	202	782	0.026	ng	96
37) Benzo(b)fluoranthene	22.502	252	857	0.025	ng	# 1
38) Benzo(k)fluoranthene	22.543	252	720	0.020	ng	# 1
41) Benzo(g,h,i)perylene	25.811	276	673	0.021	ng	# 43

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

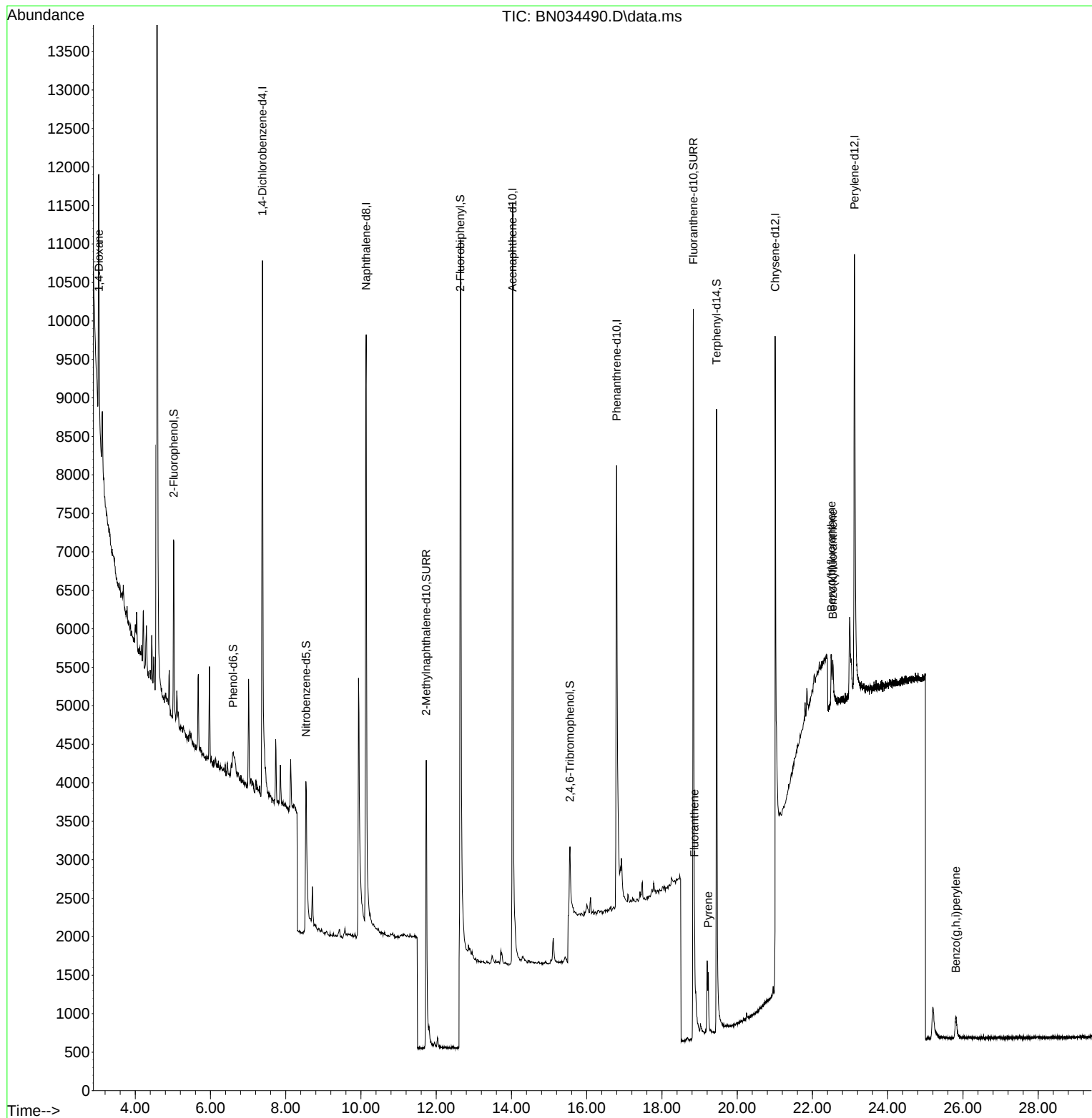
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
Data File : BN034490.D
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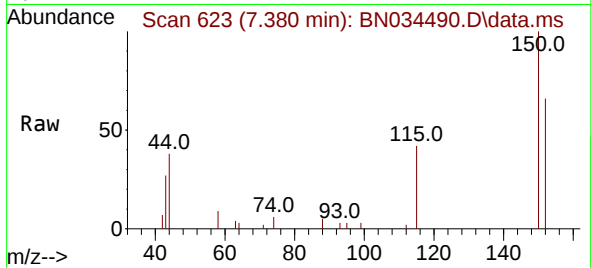
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

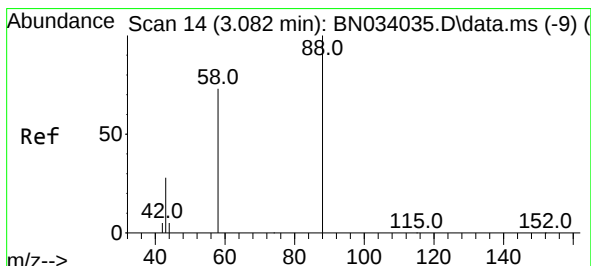
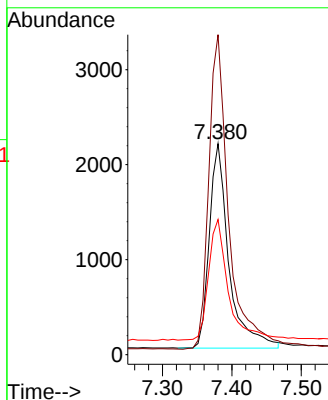
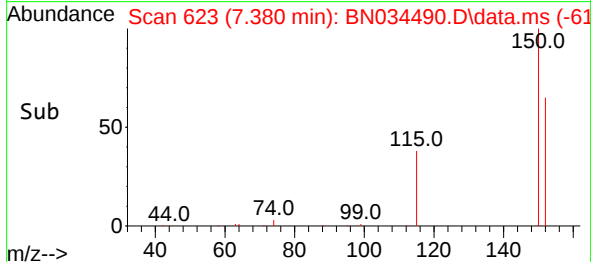
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925



Tgt Ion:152 Resp: 423
Ion Ratio Lower Upper
152 100
150 151.6 124.6 187.0
115 64.0 50.0 75.0

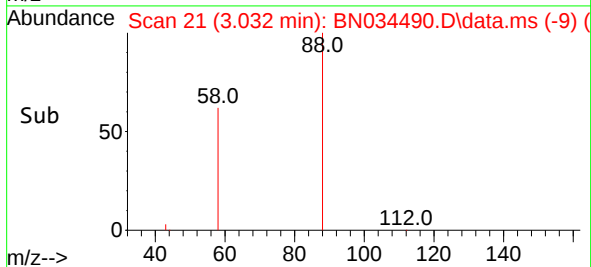
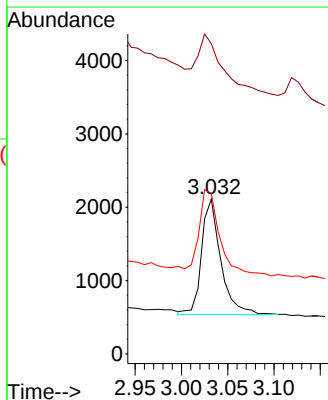
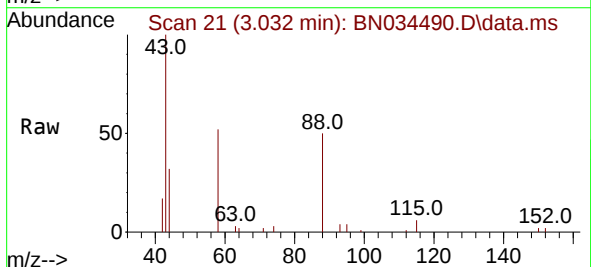
Manual Integrations
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Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 0.429 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

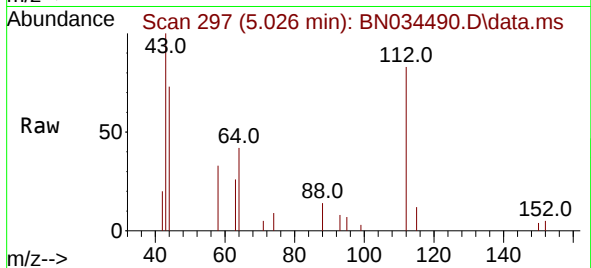
Tgt Ion: 88 Resp: 2270
Ion Ratio Lower Upper
88 100
43 75.9 25.8 38.8
58 81.5 58.8 88.2





#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.026 min Scan# 290
Delta R.T. -0.007 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

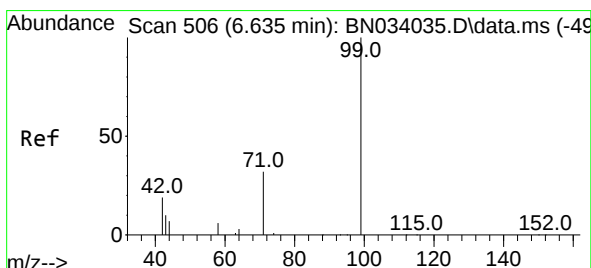
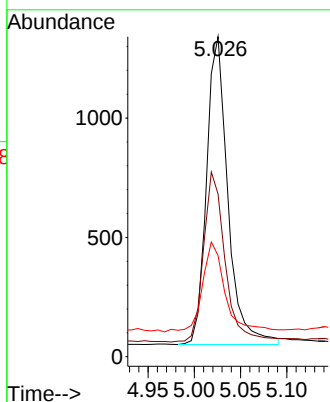
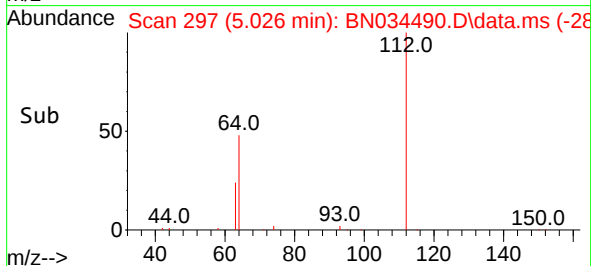
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925



Tgt Ion: 112 Resp: 2070
Ion Ratio Lower Upper
112 100
64 55.7 48.6 72.8
63 30.9 25.6 38.4

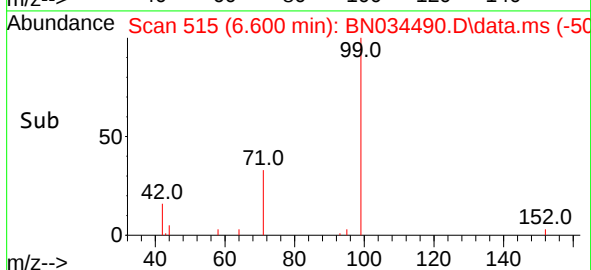
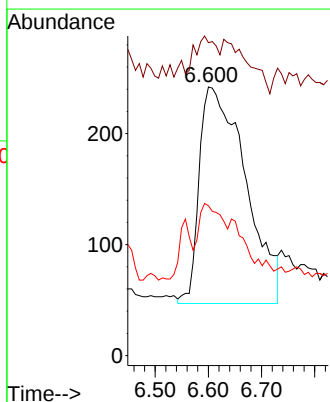
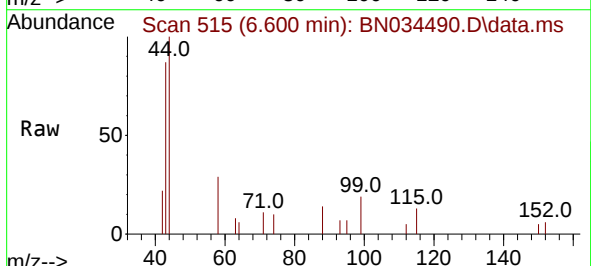
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Supervised By :mohammad ahmed 10/10/2024



#5
Phenol-d6
Concen: 0.084 ng m
RT: 6.600 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

Tgt Ion: 99 Resp: 1179
Ion Ratio Lower Upper
99 100
42 7.6 17.8 26.8#
71 10.9 26.2 39.2#





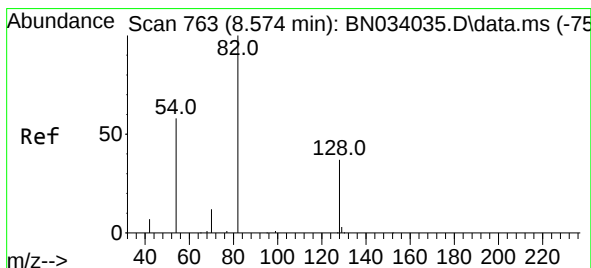
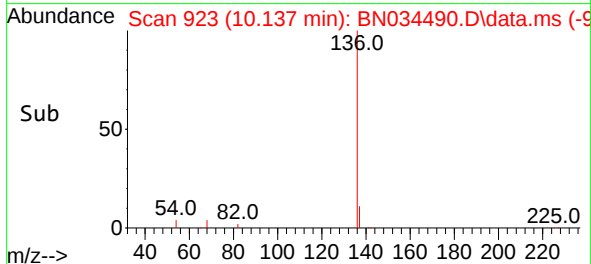
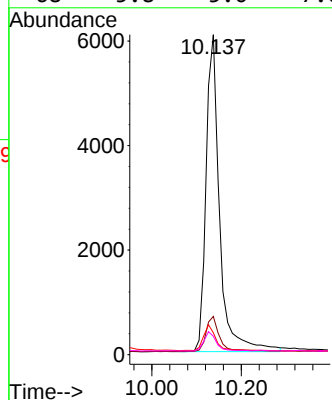
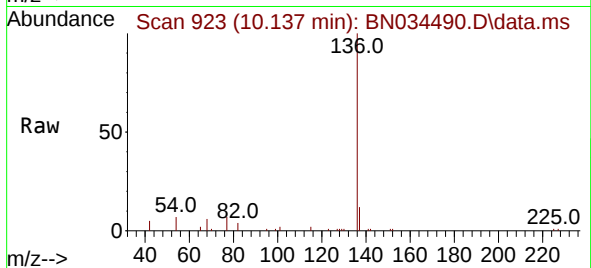
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.010 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925

Tgt Ion:136	Resp:	12734
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.0 13.6
54	6.8	6.8 10.2
68	5.8	5.0 7.6

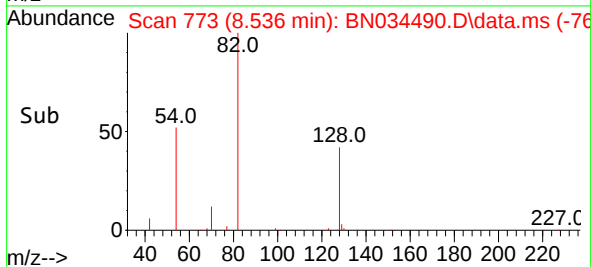
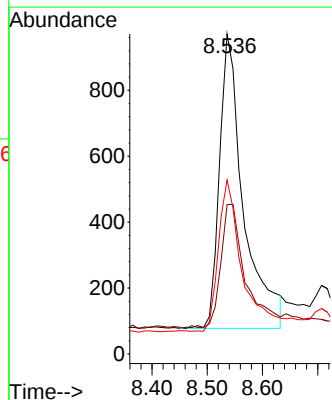
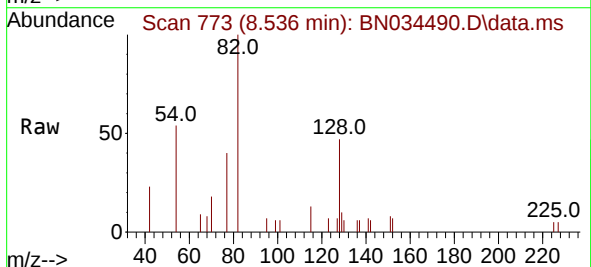
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Supervised By :mohammad ahmed 10/10/2024



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.536 min Scan# 773
Delta R.T. 0.000 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

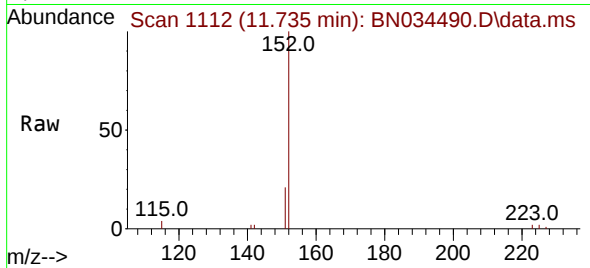
Tgt Ion: 82	Resp:	2693
Ion Ratio	Lower	Upper
82	100	
128	46.7	31.4 47.2
54	54.4	47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.735 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

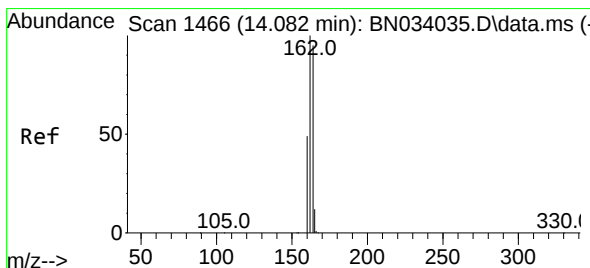
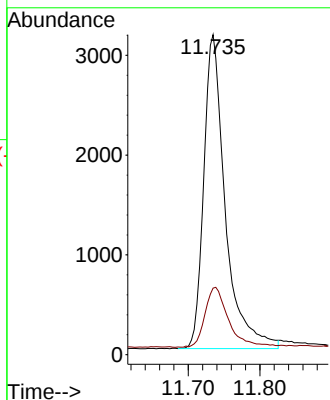
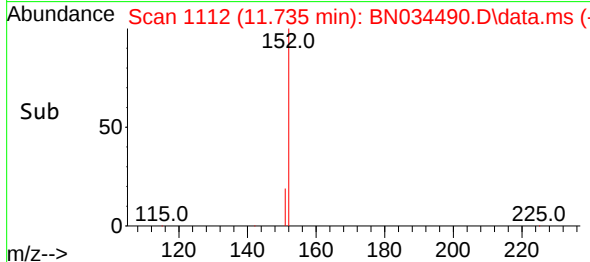
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925



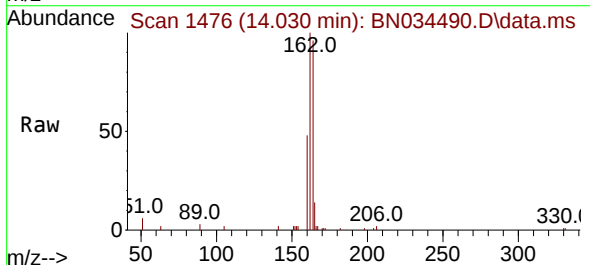
Tgt Ion:152 Resp: 6578
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2

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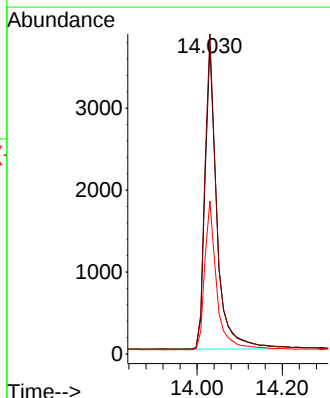
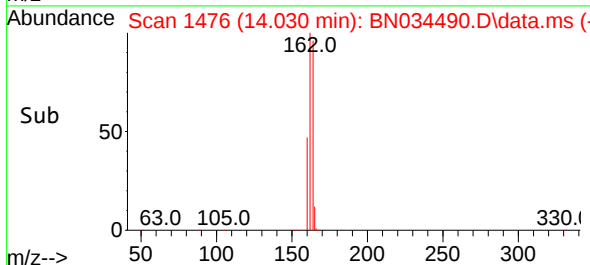
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. -0.017 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56



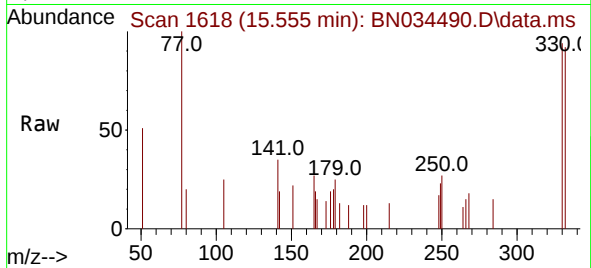
Tgt Ion:164 Resp: 7205
Ion Ratio Lower Upper
164 100
162 104.1 84.2 126.2
160 49.7 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.555 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

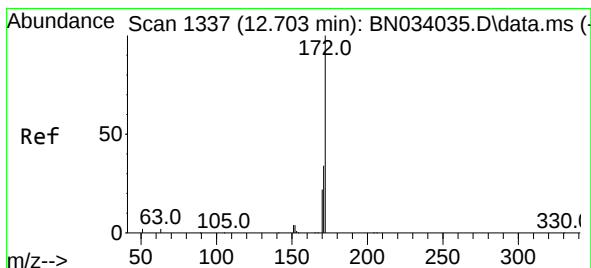
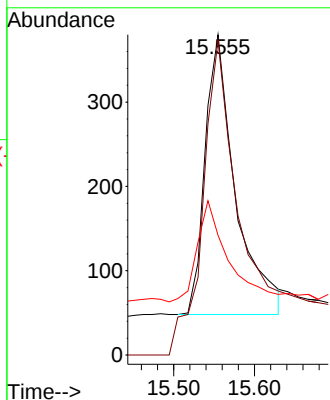
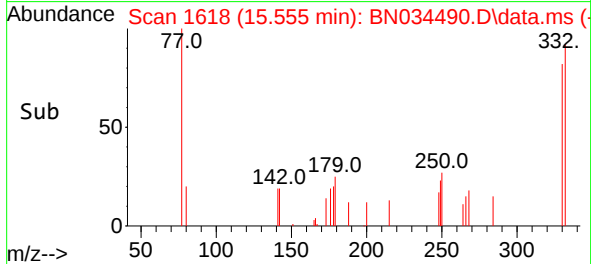
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925



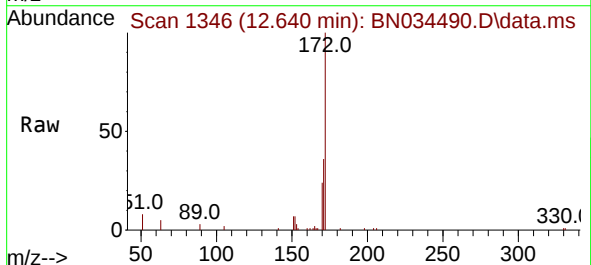
Tgt Ion: 330 Resp: 87
Ion Ratio Lower Upper
330 100
332 136.3 77.4 116.0
141 36.3 35.9 53.9

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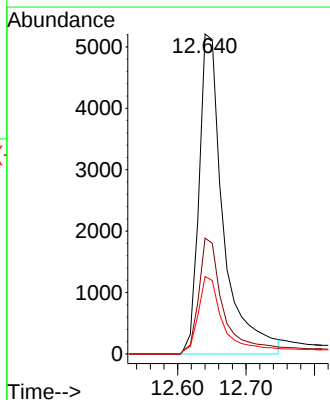
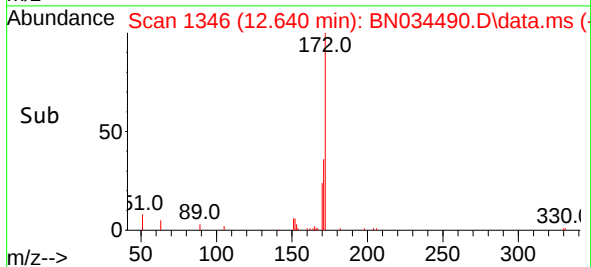
Reviewed By : Yogesh Patel 10/10/2024
Supervised By : mohammad ahmed 10/10/2024

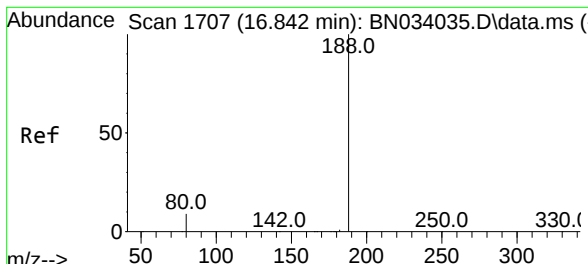


#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.640 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56



Tgt Ion: 172 Resp: 11797
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.2 18.1 27.1





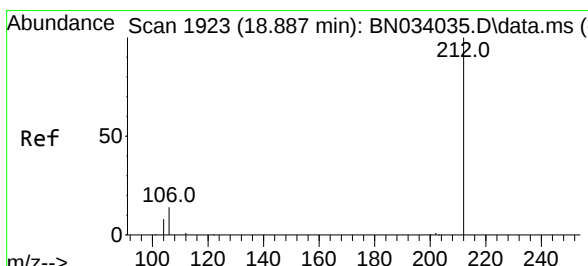
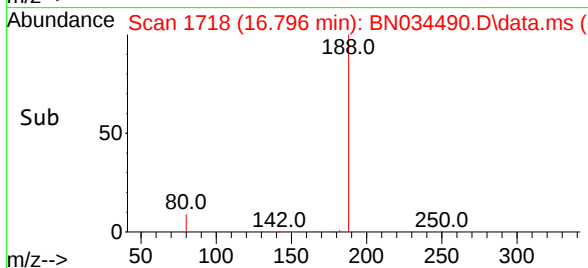
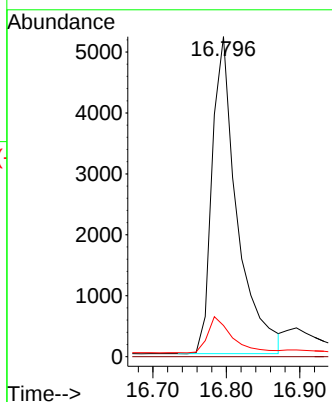
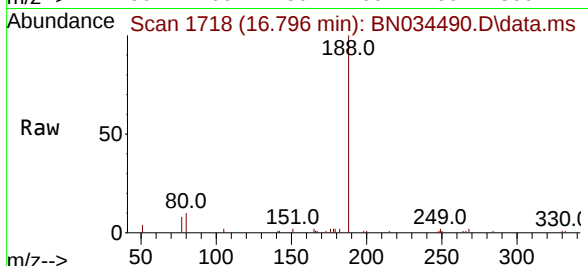
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925

Tgt Ion:	188	Resp:	1228
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.0

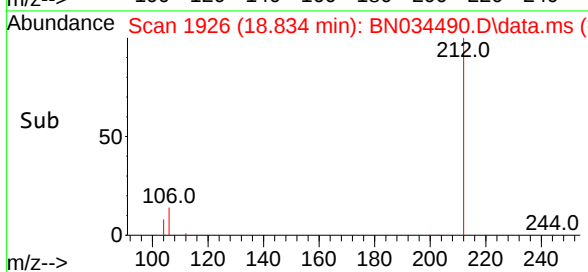
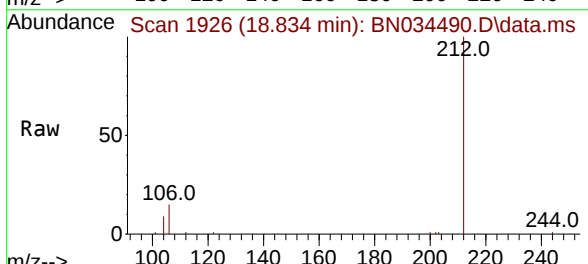
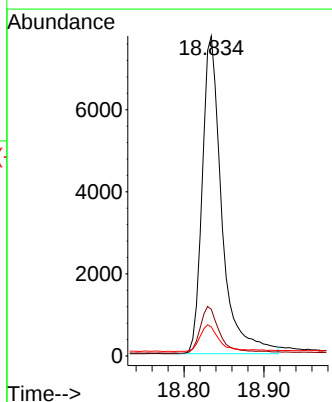
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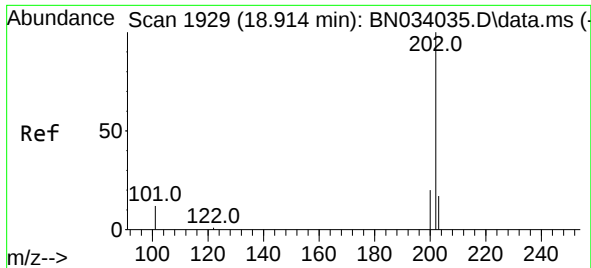
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#27
Fluoranthene-d10
Concen: 0.425 ng
RT: 18.834 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

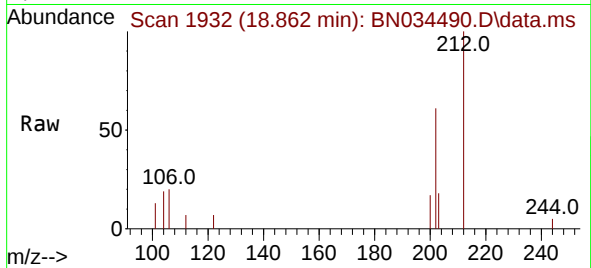
Tgt Ion:	212	Resp:	13170
Ion Ratio	Lower	Upper	
212	100		
106	14.4	13.4	20.2
104	8.1	7.8	11.6





#28
Fluoranthene
Concen: 0.022 ng
RT: 18.862 min Scan# 1929
Delta R.T. -0.016 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

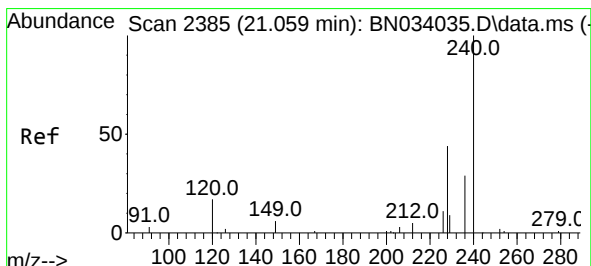
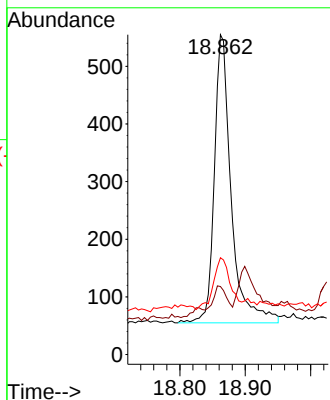
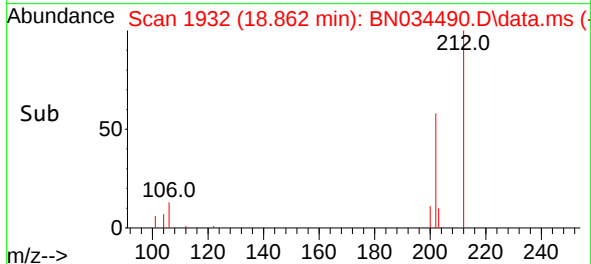
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925



Tgt Ion:202 Resp: 890
Ion Ratio Lower Upper
202 100
101 6.9 10.1 15.1
203 18.0 13.6 20.4

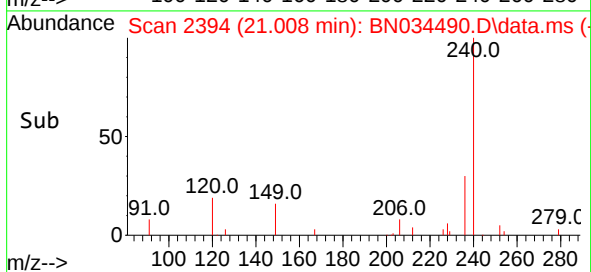
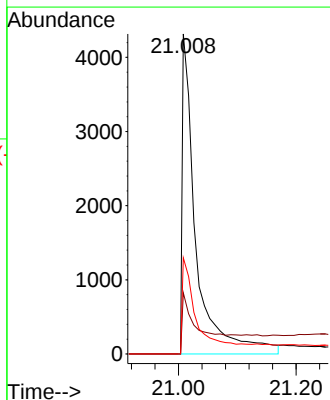
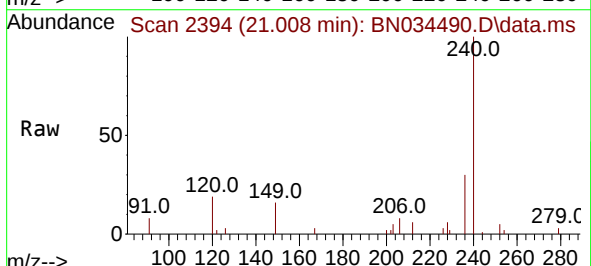
Manual Integrations
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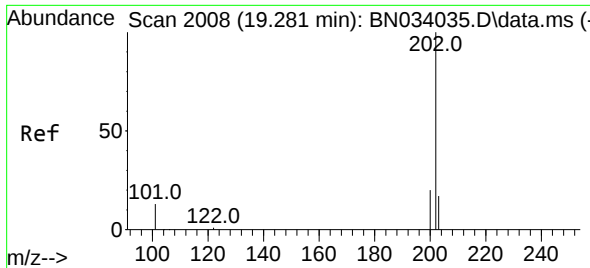
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

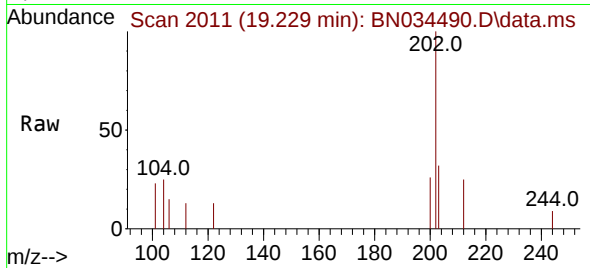
Tgt Ion:240 Resp: 7235
Ion Ratio Lower Upper
240 100
120 19.1 13.5 20.3
236 30.1 23.4 35.0





#30
Pyrene
Concen: 0.026 ng
RT: 19.229 min Scan# 2011
Delta R.T. -0.011 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

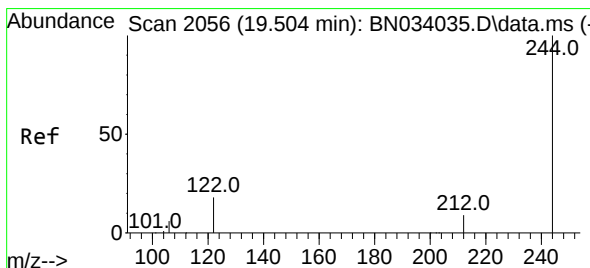
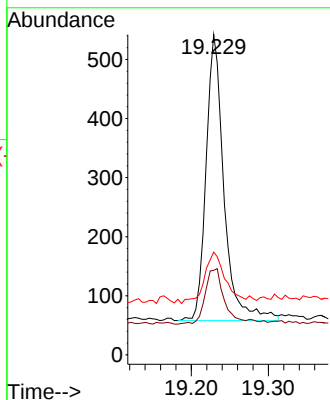
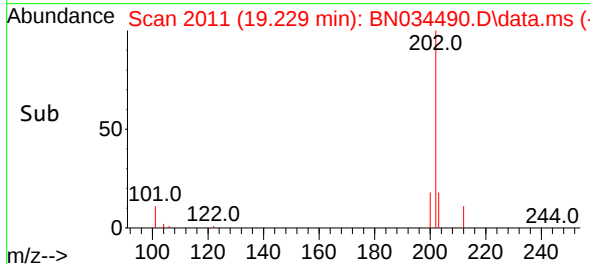
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925



Tgt Ion:202 Resp: 782
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 20.8 14.3 21.5

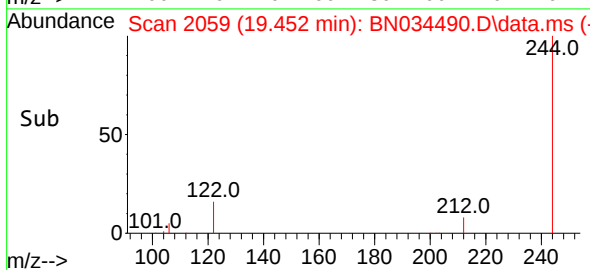
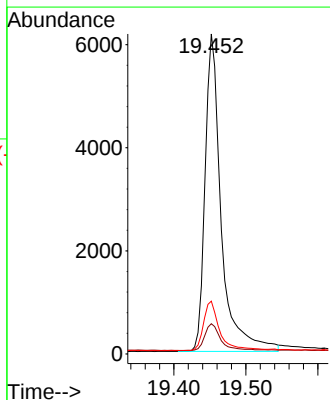
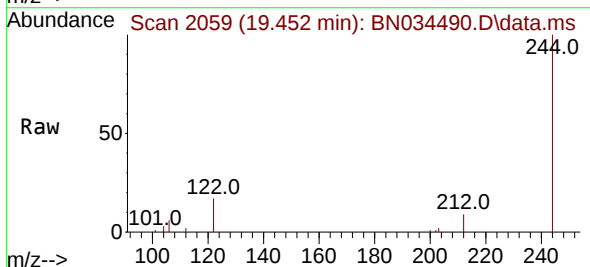
Manual Integrations
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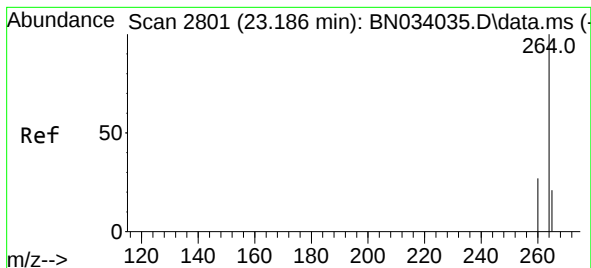
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#31
Terphenyl-d14
Concen: 0.666 ng
RT: 19.452 min Scan# 2059
Delta R.T. -0.016 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

Tgt Ion:244 Resp: 9623
Ion Ratio Lower Upper
244 100
212 9.5 7.8 11.6
122 16.5 14.8 22.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.116 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN034490.D

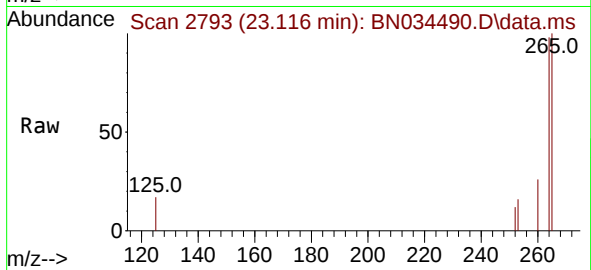
Acq: 09 Oct 2024 04:56

Instrument :

BNA_N

ClientSampleId :

RW9-MW-01S-20240925



Tgt Ion:264 Resp: 861

Ion Ratio Lower Upper

264 100

260 26.9 21.7 32.5

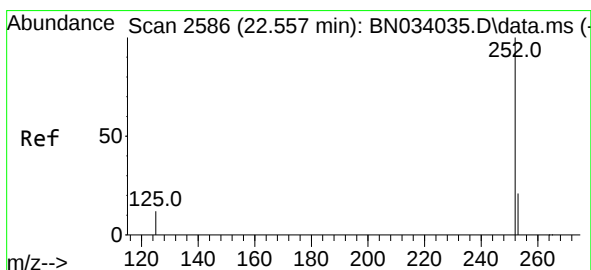
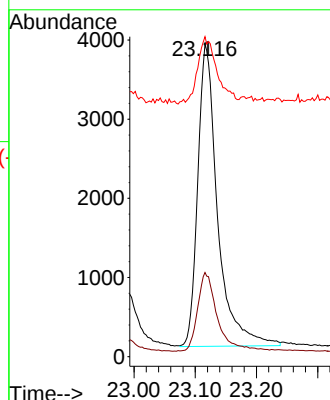
265 102.4 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#37

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 22.502 min Scan# 2583

Delta R.T. -0.006 min

Lab File: BN034490.D

Acq: 09 Oct 2024 04:56

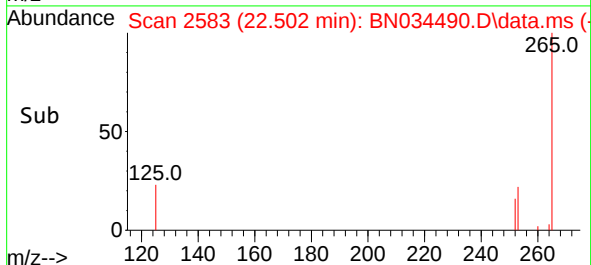
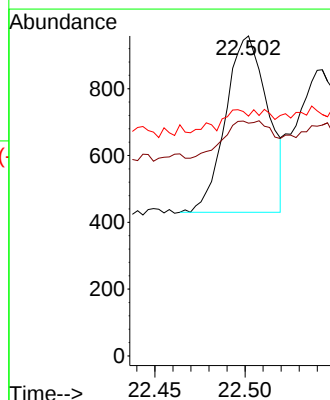
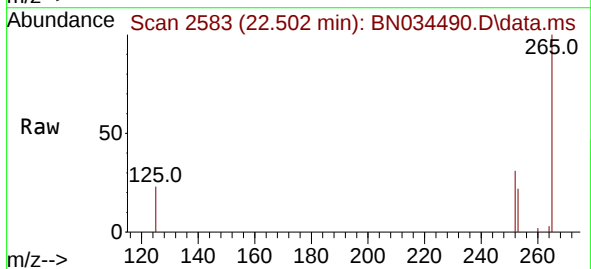
Tgt Ion:252 Resp: 857

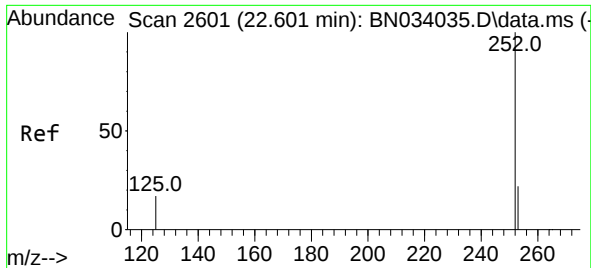
Ion Ratio Lower Upper

252 100

253 72.8 19.6 29.4#

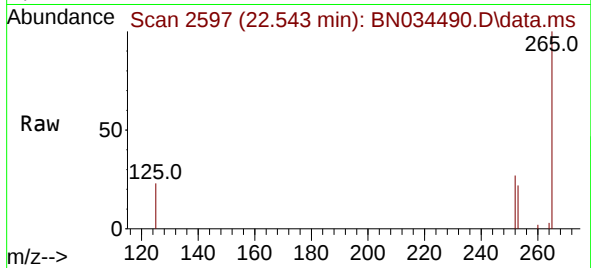
125 74.9 13.8 20.8#





#38
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 22.543 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

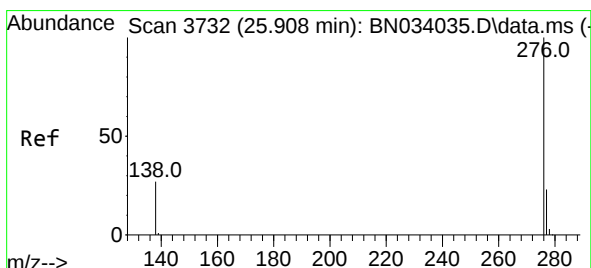
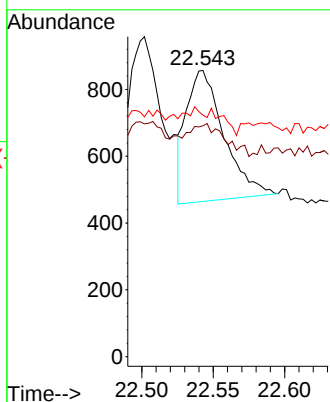
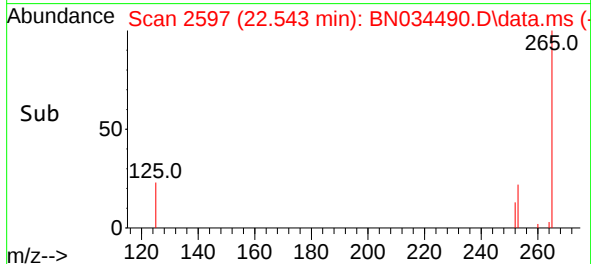
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01S-20240925



Tgt Ion:252 Resp: 720
Ion Ratio Lower Upper
252 100
253 80.6 20.1 30.1#
125 84.4 16.8 25.2#

Manual Integrations
APPROVED

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



#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 25.811 min Scan# 3715
Delta R.T. -0.006 min
Lab File: BN034490.D
Acq: 09 Oct 2024 04:56

Tgt Ion:276 Resp: 673
Ion Ratio Lower Upper
276 100
277 53.6 19.3 28.9#
138 57.2 22.6 34.0#

