

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035825.D
 Acq On : 24 Dec 2024 17:18
 Operator : RC/JU
 Sample : P5376-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20241218

Quant Time: Dec 24 23:20:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3186	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7275	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4568	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9048	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	6943	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	6791	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	881	0.110	ng	-0.01
5) Phenol-d6	6.484	99	395	0.041	ng	0.00
8) Nitrobenzene-d5	8.408	82	1883m	0.424	ng	0.00
11) 2-Methylnaphthalene-d10	11.610	152	4263	0.374	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	626	0.193	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	6668	0.386	ng	-0.02
27) Fluoranthene-d10	18.752	212	10051	0.392	ng	0.00
31) Terphenyl-d14	19.379	244	7353	0.537	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.052	128	451	0.024	ng	# 49
16) Acenaphthylene	13.636	152	407	0.021	ng	# 89
17) Acenaphthene	13.989	154	278	0.022	ng	94
26) Anthracene	16.835	178	519	0.023	ng	# 88
28) Fluoranthene	18.780	202	792	0.024	ng	# 98
30) Pyrene	19.152	202	780	0.030	ng	99
33) Chrysene	20.983	228	620	0.025	ng	# 78
34) Bis(2-ethylhexyl)phtha...	20.893	149	598	0.062	ng	# 95

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

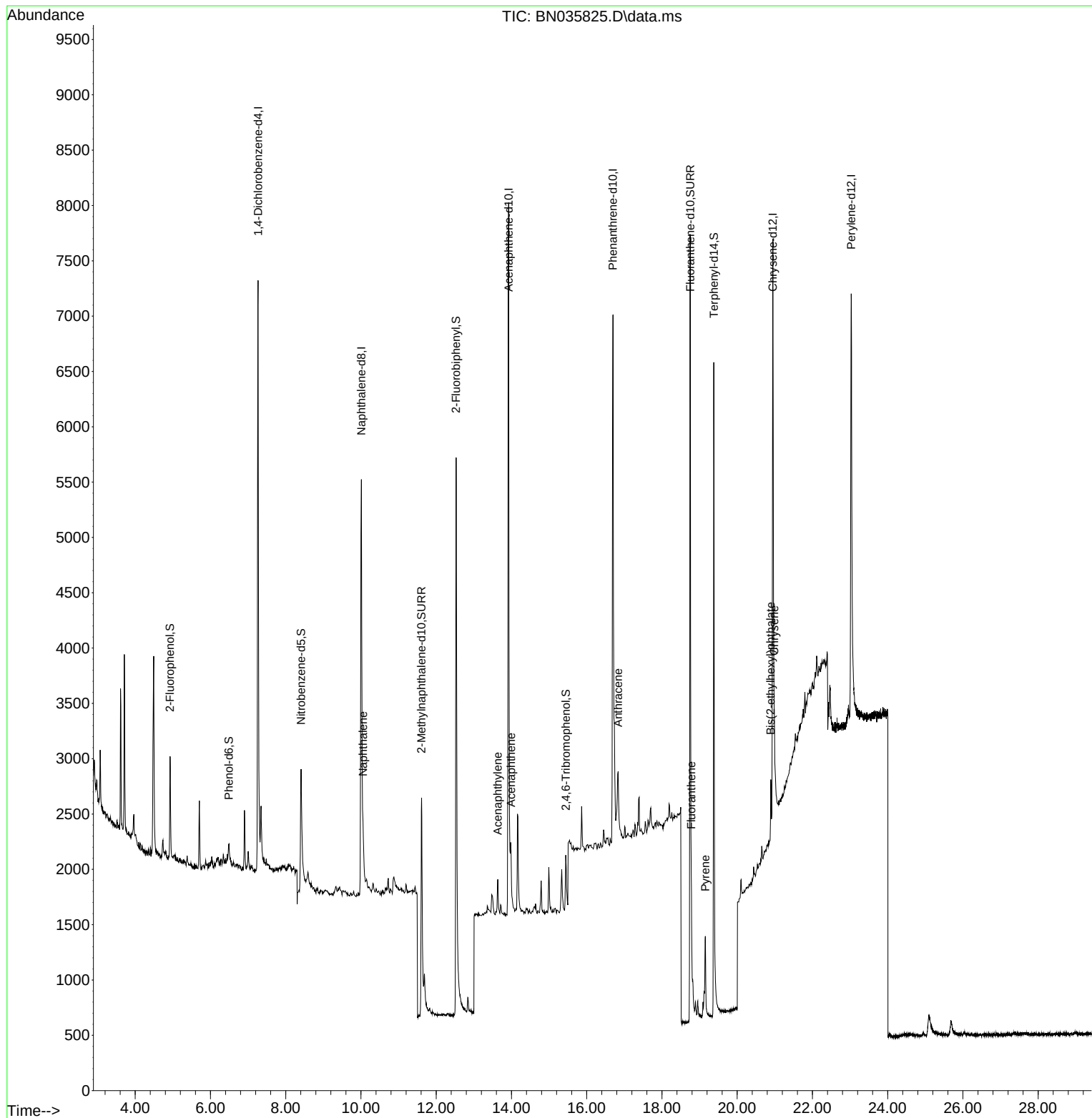
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035825.D
Acq On : 24 Dec 2024 17:18
Operator : RC/JU
Sample : P5376-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

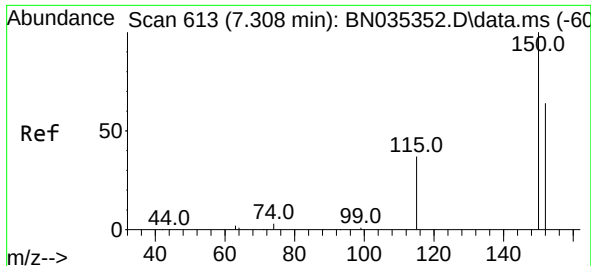
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218

Quant Time: Dec 24 23:20:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

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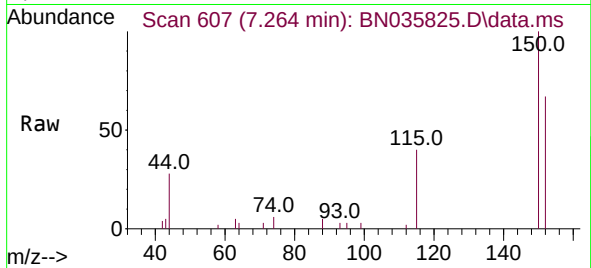
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.008 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

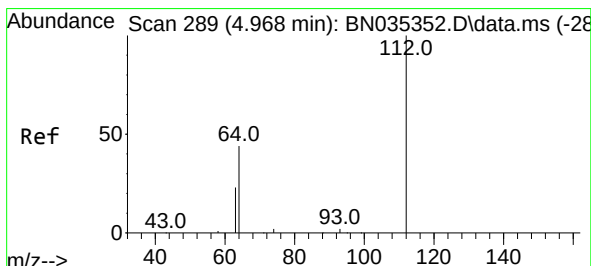
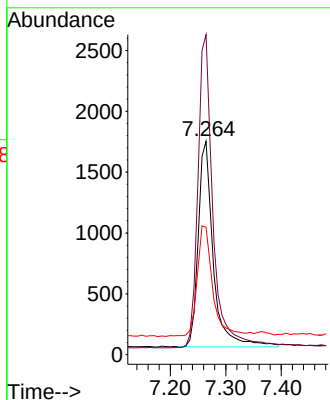
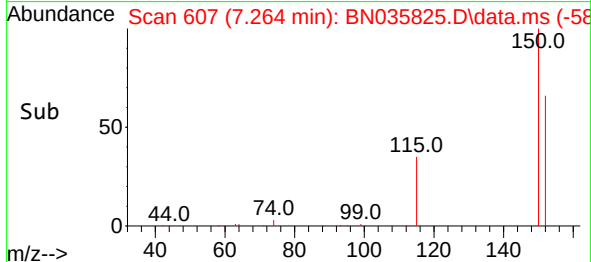
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218



Tgt Ion:152 Resp: 3180
Ion Ratio Lower Upper
152 100
150 150.0 124.0 186.0
115 59.7 49.6 74.4

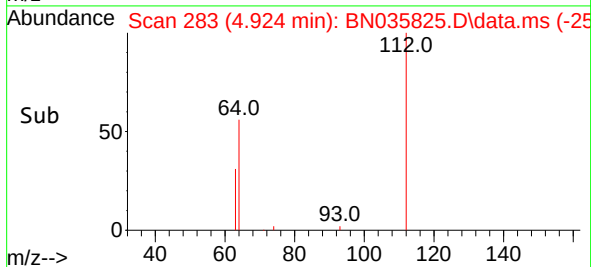
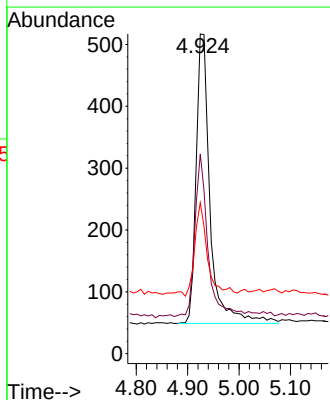
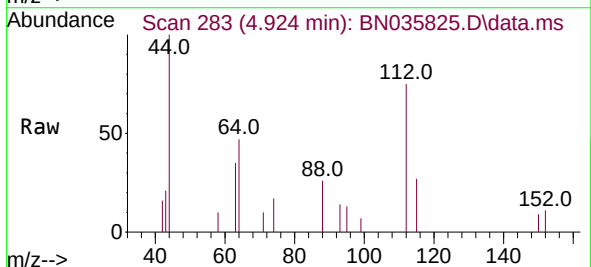
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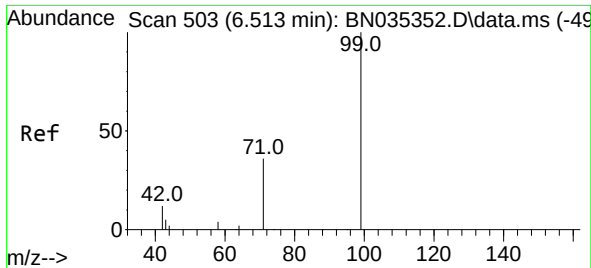
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Supervised By :mohammad ahmed 12/26/2024



#4
2-Fluorophenol
Concen: 0.110 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.015 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion:112 Resp: 881
Ion Ratio Lower Upper
112 100
64 52.0 39.8 59.8
63 28.1 21.0 31.6





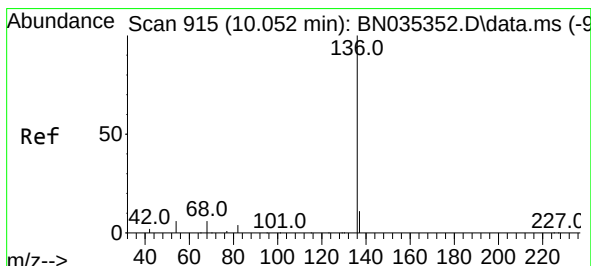
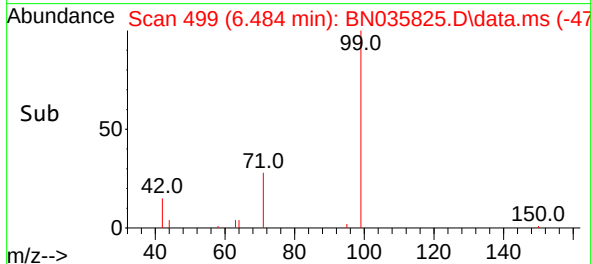
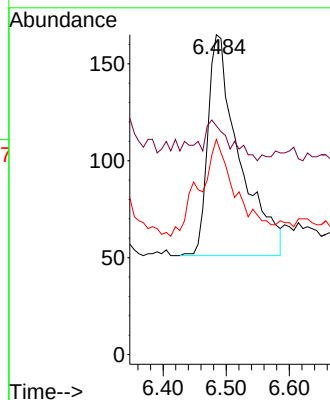
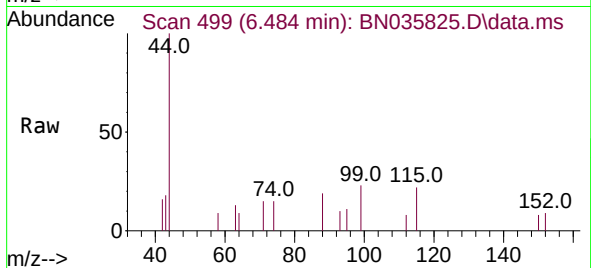
#5
Phenol-d6
Concen: 0.041 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218

Tgt Ion: 99 Resp: 395
Ion Ratio Lower Upper
99 100
42 14.9 11.4 17.2
71 31.4 29.3 43.9

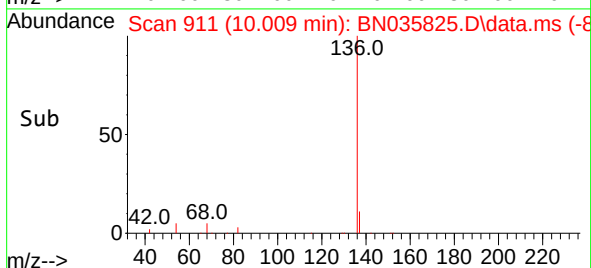
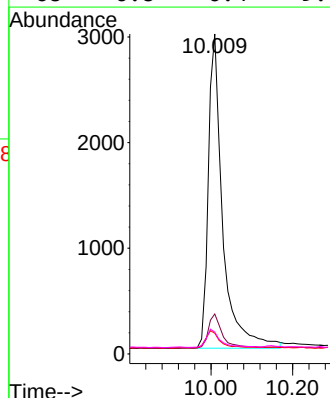
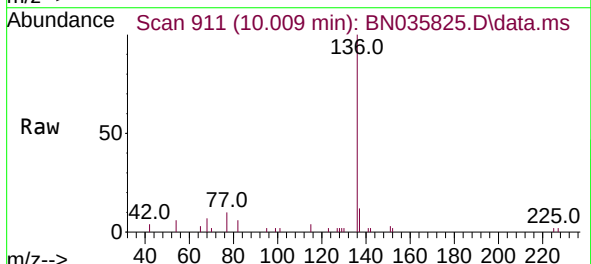
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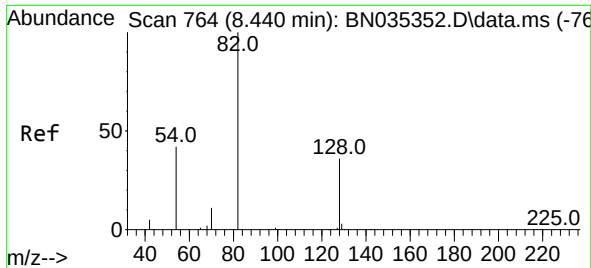
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Tgt Ion:136 Resp: 7275
Ion Ratio Lower Upper
136 100
137 12.5 10.2 15.2
54 6.5 6.1 9.1
68 6.8 6.4 9.6





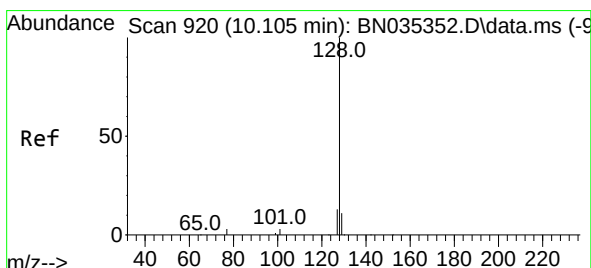
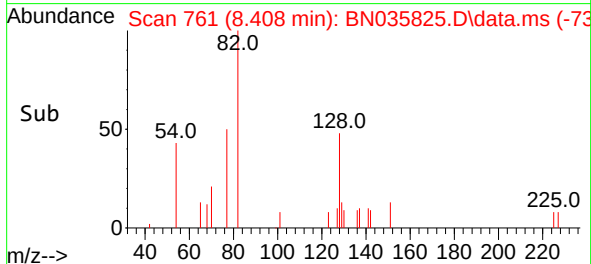
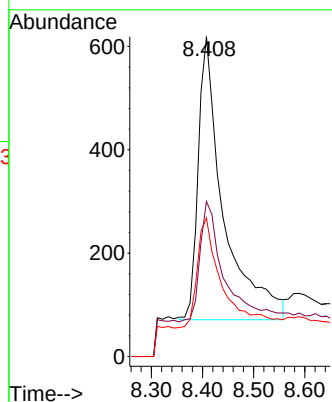
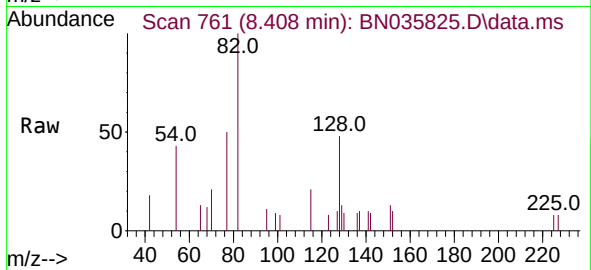
#8
Nitrobenzene-d5
Concen: 0.424 ng m
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20241218

Tgt Ion: 82 Resp: 188
Ion Ratio Lower Upper
82 100
128 48.5 33.4 50.0
54 43.3 36.7 55.1

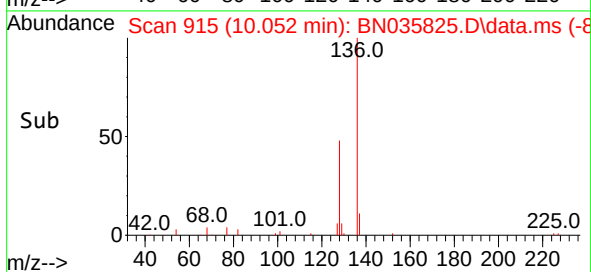
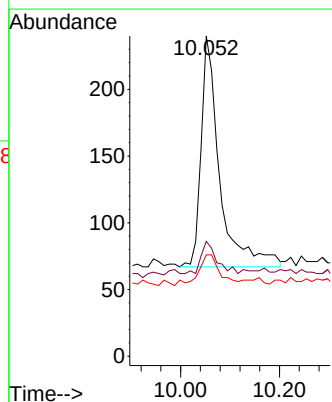
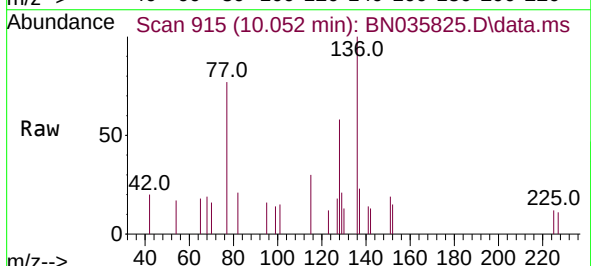
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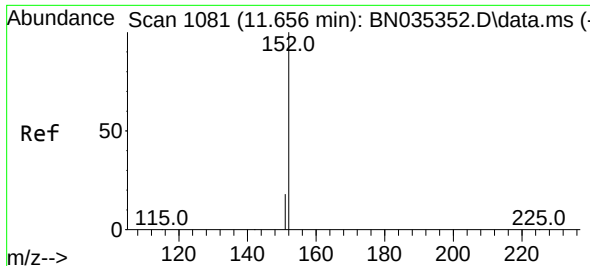
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#9
Naphthalene
Concen: 0.024 ng
RT: 10.052 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

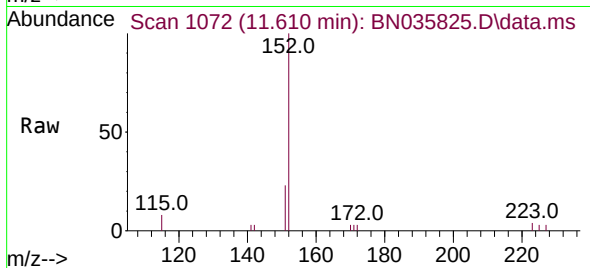
Tgt Ion:128 Resp: 451
Ion Ratio Lower Upper
128 100
129 35.8 9.8 14.6#
127 31.7 11.4 17.2#





#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 11.610 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

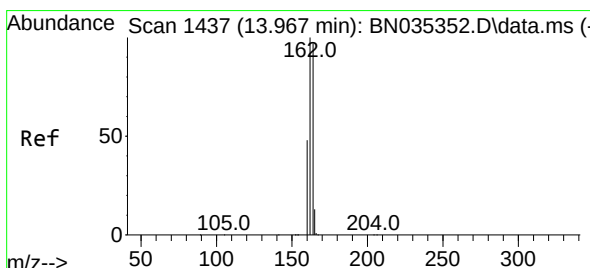
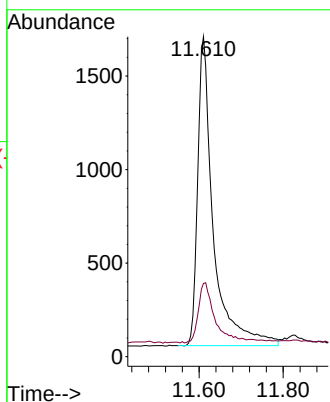
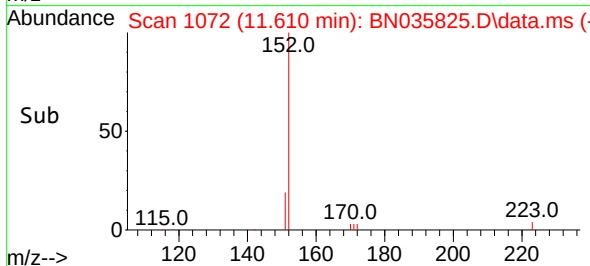
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218



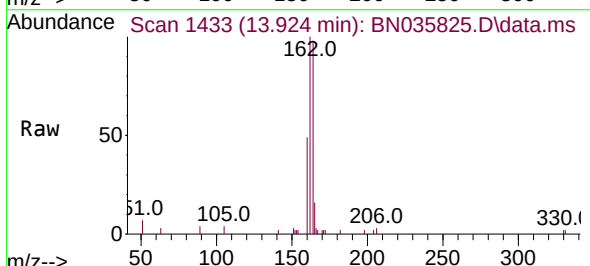
Tgt Ion:152 Resp: 426
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0

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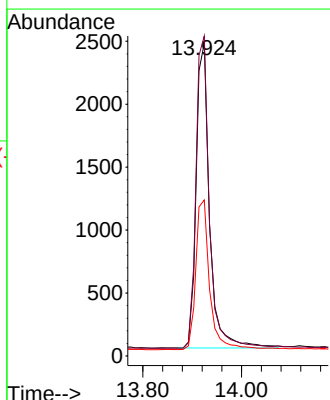
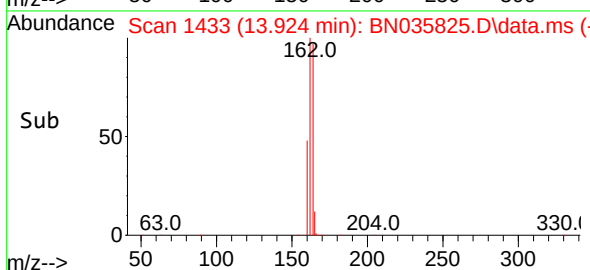
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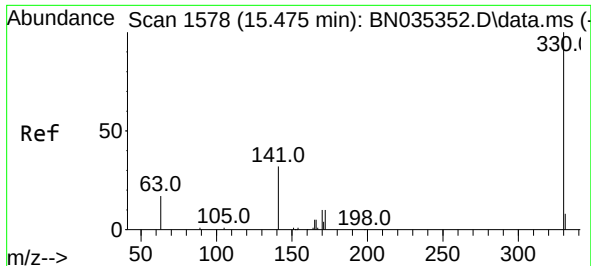


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18



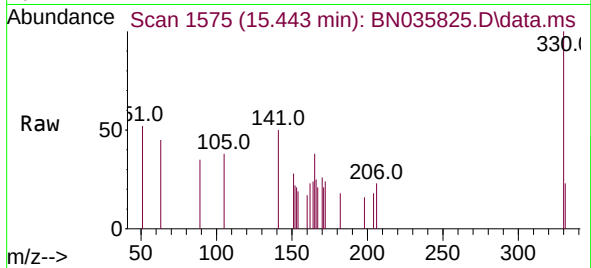
Tgt Ion:164 Resp: 4568
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 49.9 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.193 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

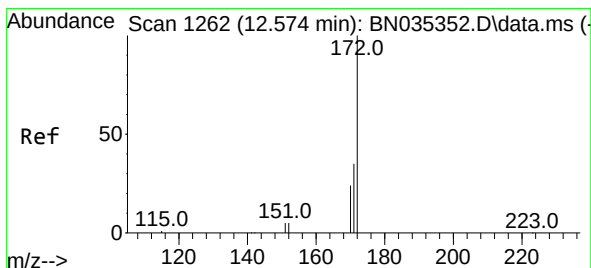
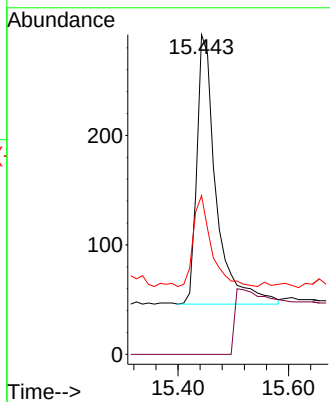
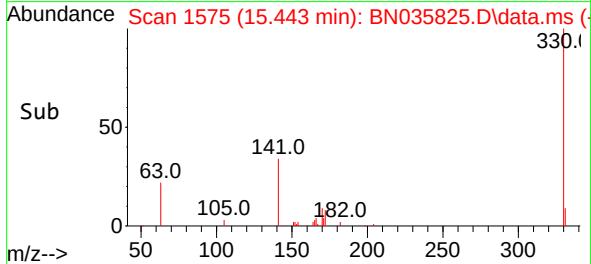
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218



Tgt Ion:330 Resp: 620
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 26.6 40.0

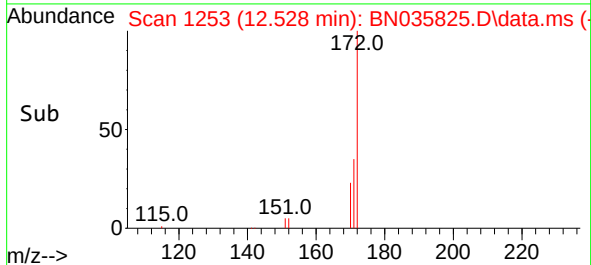
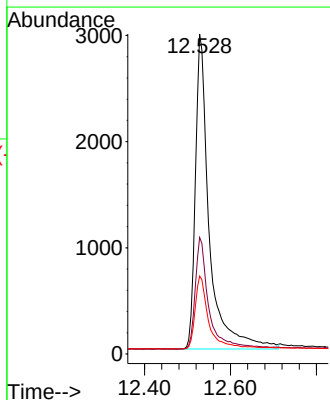
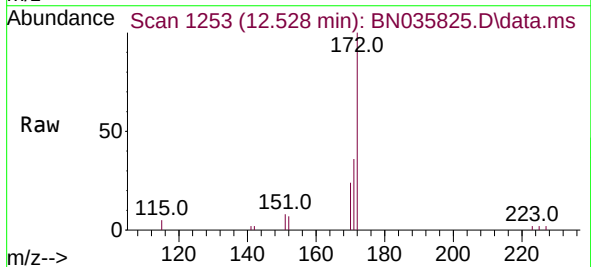
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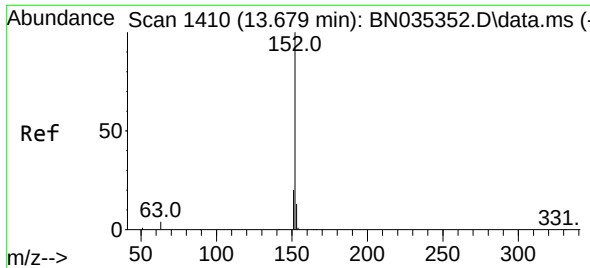
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

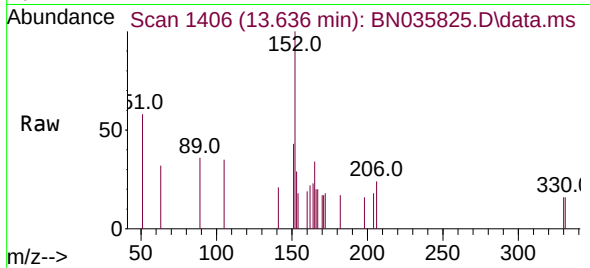
Tgt Ion:172 Resp: 6668
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.4 19.8 29.8





#16
Acenaphthylene
Concen: 0.021 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

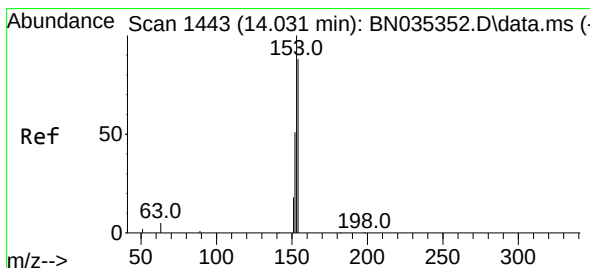
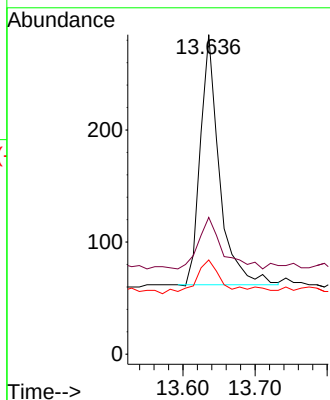
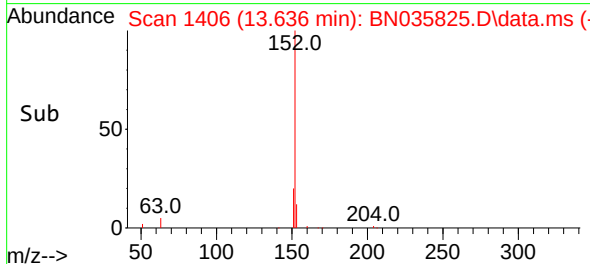
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218



Tgt Ion:152 Resp: 40
Ion Ratio Lower Upper
152 100
151 25.3 16.2 24.2
153 17.7 10.4 15.6

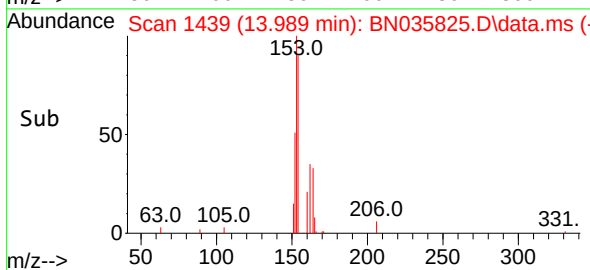
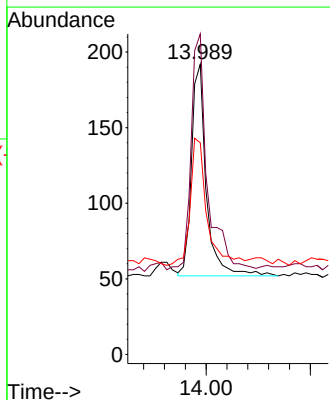
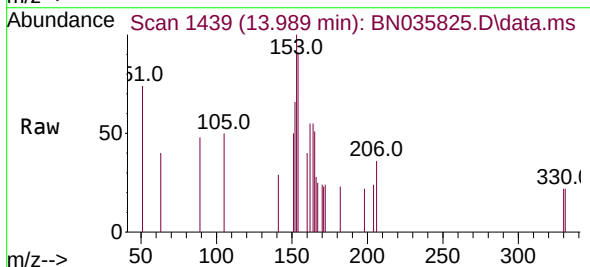
Manual Integrations
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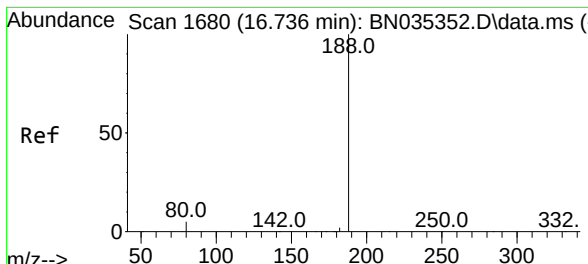
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#17
Acenaphthene
Concen: 0.022 ng
RT: 13.989 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

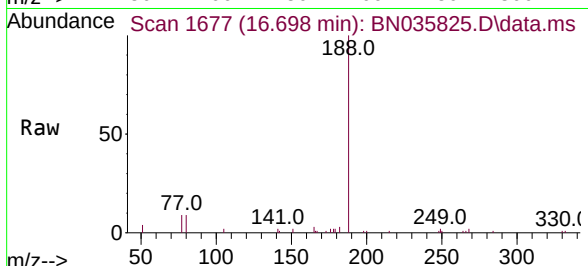
Tgt Ion:154 Resp: 278
Ion Ratio Lower Upper
154 100
153 121.9 92.6 139.0
152 67.3 49.0 73.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

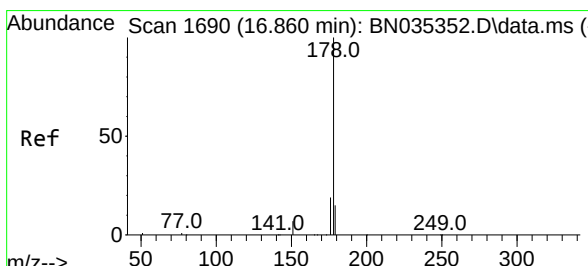
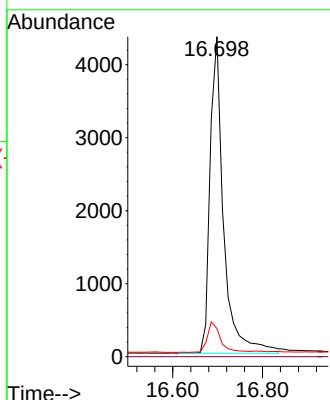
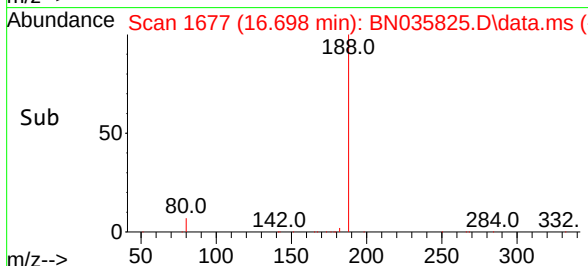
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218



Tgt Ion:188 Resp: 904
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 8.8 4.6 6.8

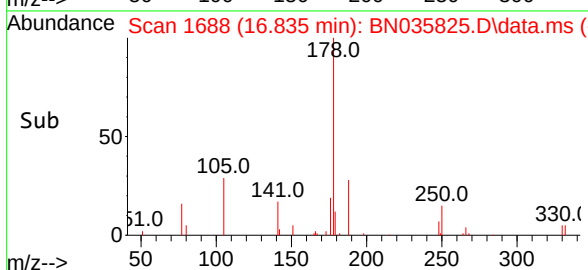
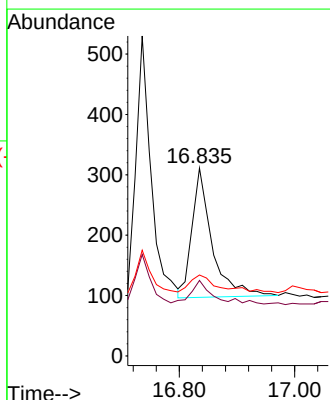
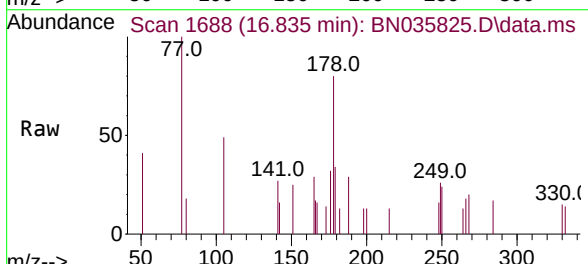
Manual Integrations
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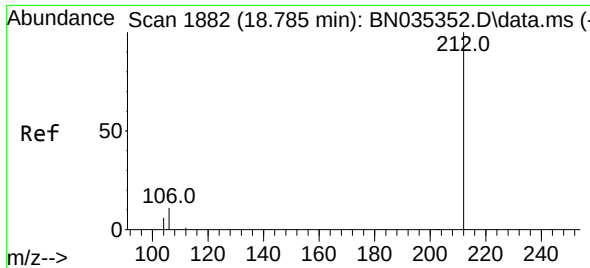
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#26
Anthracene
Concen: 0.023 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

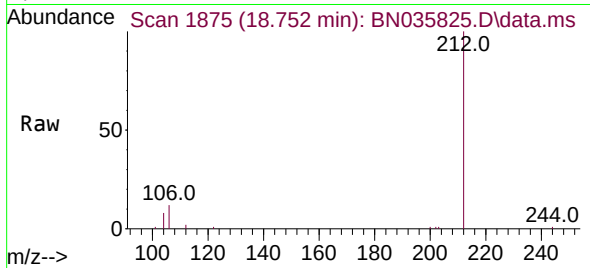
Tgt Ion:178 Resp: 519
Ion Ratio Lower Upper
178 100
176 15.4 15.0 22.6
179 23.1 12.6 18.8





#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

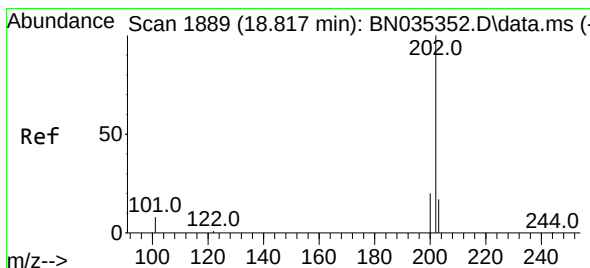
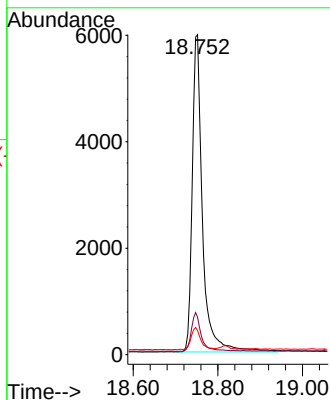
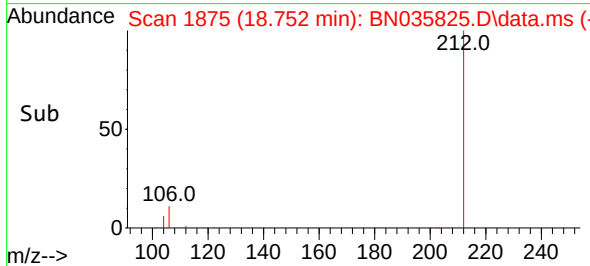
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218



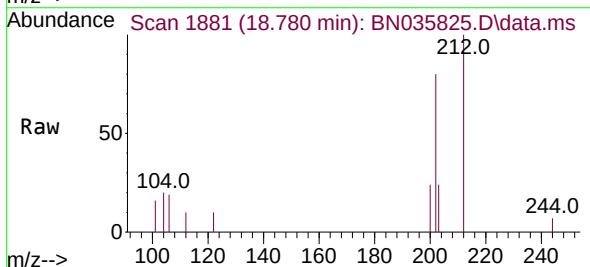
Tgt Ion:212 Resp: 1005
Ion Ratio Lower Upper
212 100
106 11.8 9.2 13.8
104 6.5 5.3 7.9

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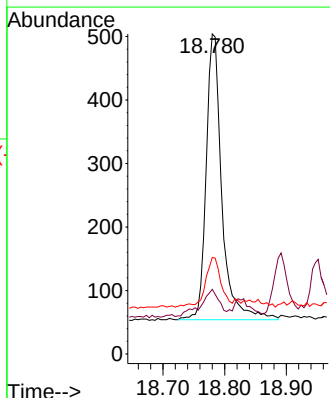
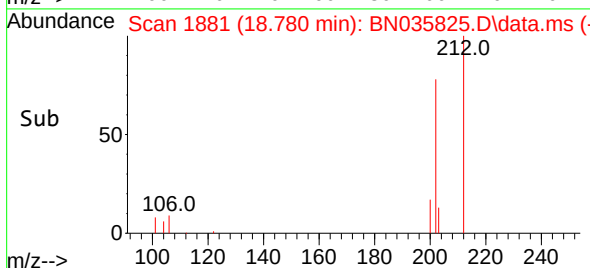
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

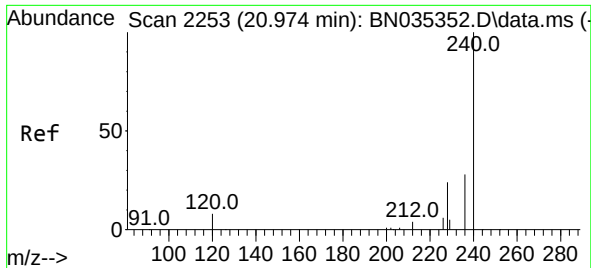


#28
Fluoranthene
Concen: 0.024 ng
RT: 18.780 min Scan# 1881
Delta R.T. -0.009 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18



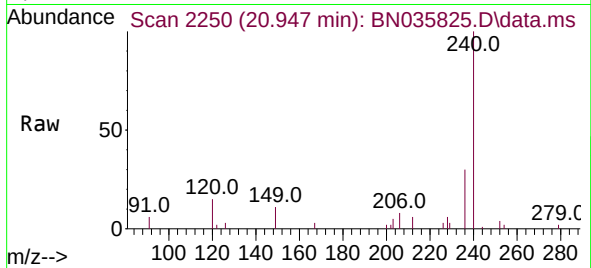
Tgt Ion:202 Resp: 792
Ion Ratio Lower Upper
202 100
101 11.1 7.4 11.0#
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

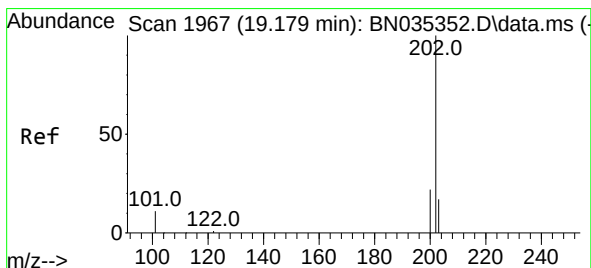
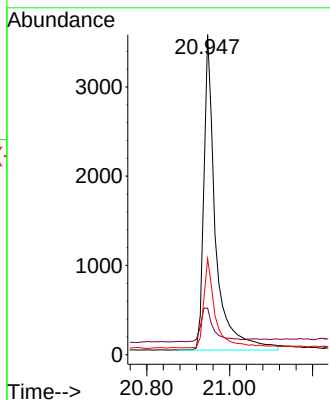
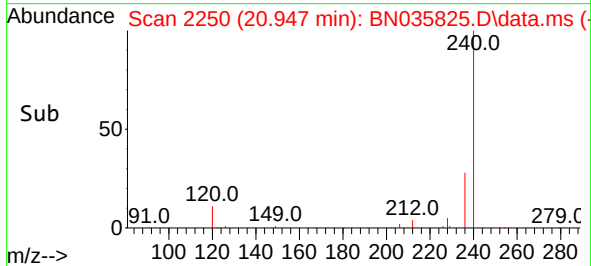
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20241218



Tgt Ion:240 Resp: 694
Ion Ratio Lower Upper
240 100
120 14.5 7.9 11.9
236 29.9 22.9 34.3

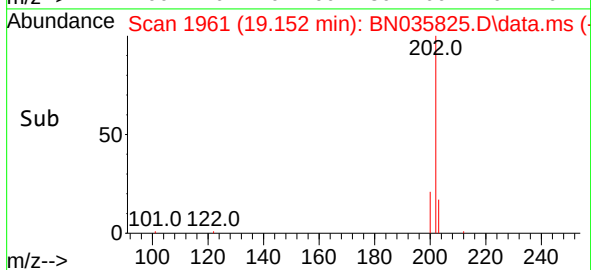
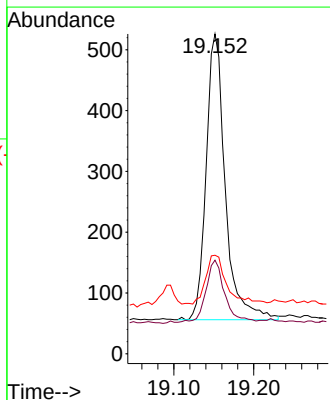
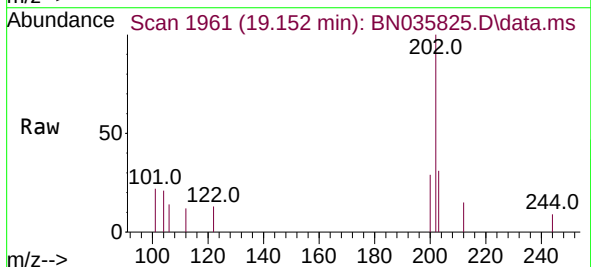
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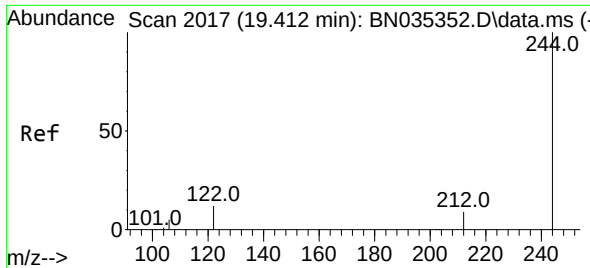
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#30
Pyrene
Concen: 0.030 ng
RT: 19.152 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN035825.D
Acq: 24 Dec 2024 17:18

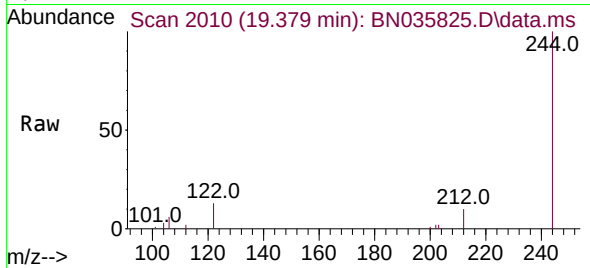
Tgt Ion:202 Resp: 780
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.5 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.537 ng
 RT: 19.379 min Scan# 2017
 Delta R.T. -0.009 min
 Lab File: BN035825.D
 Acq: 24 Dec 2024 17:18

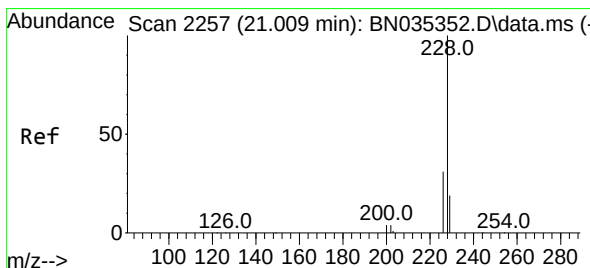
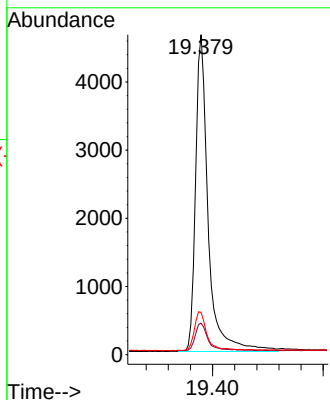
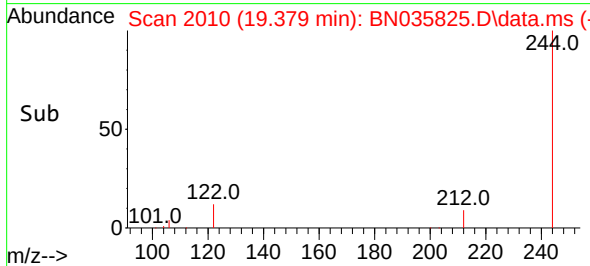
Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20241218



Tgt Ion:244 Resp: 735
 Ion Ratio Lower Upper
 244 100
 212 9.9 8.1 12.1
 122 13.3 10.3 15.5

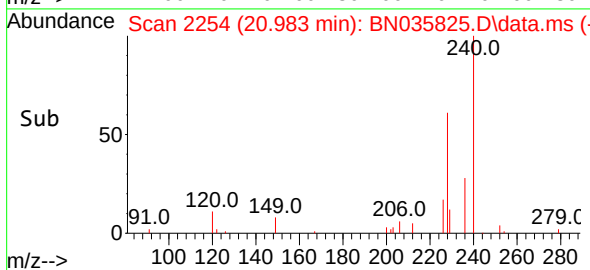
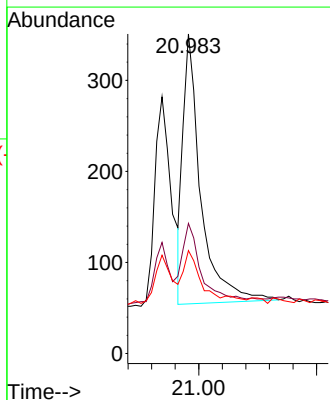
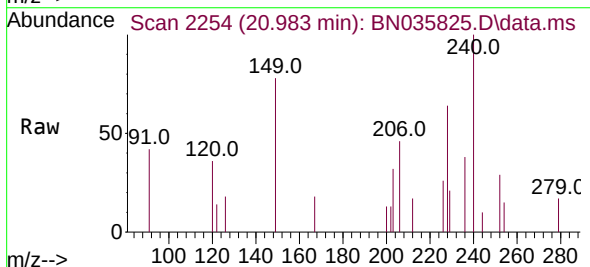
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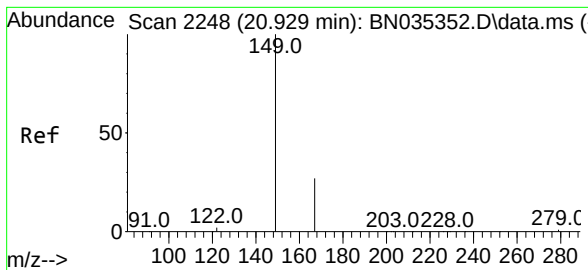
Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024



#33
 Chrysene
 Concen: 0.025 ng
 RT: 20.983 min Scan# 2254
 Delta R.T. -0.009 min
 Lab File: BN035825.D
 Acq: 24 Dec 2024 17:18

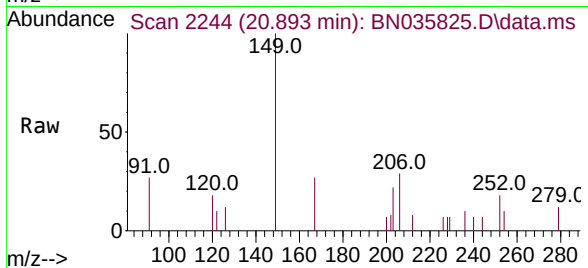
Tgt Ion:228 Resp: 620
 Ion Ratio Lower Upper
 228 100
 226 40.7 24.6 37.0#
 229 32.2 15.9 23.9#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 20.893 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN035825.D
 Acq: 24 Dec 2024 17:18

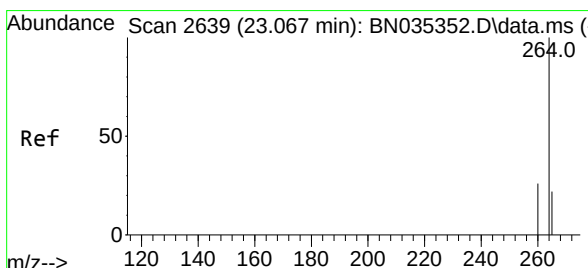
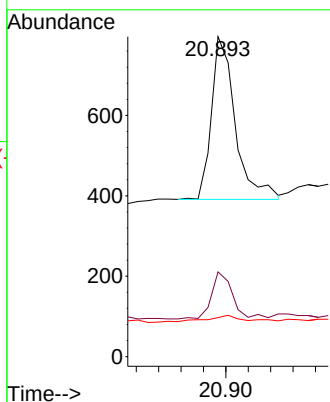
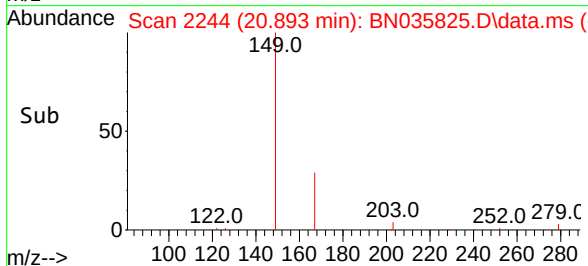
Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01-20241218



Tgt Ion:149 Resp: 598
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.2 33.4
 279 5.5 2.7 4.1

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Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.029 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BN035825.D
 Acq: 24 Dec 2024 17:18

Tgt Ion:264 Resp: 6791
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.4 32.2
 265 97.8 40.2 60.4

