

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035221.D
 Acq On : 21 Nov 2024 14:35
 Operator : RC/JU
 Sample : P4868-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241114

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 15:00:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	2998	0.400	ng	# 0.00
7) Naphthalene-d8	10.073	136	6728	0.400	ng	# 0.00
13) Acenaphthene-d10	13.983	164	1733	0.400	ng	0.00
19) Phenanthrene-d10	16.753	188	6277	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	144	0.400	ng	# 0.00
35) Perylene-d12	23.102	264	16	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.982	112	1218	0.160	ng	0.00
5) Phenol-d6	6.528	99	1253	0.131	ng	0.00
8) Nitrobenzene-d5	8.461	82	1475m	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	11.678	152	3332	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.501	330	1252	1.001	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	2481	0.353	ng	0.00
27) Fluoranthene-d10	18.808	212	2890	0.150	ng	0.00
31) Terphenyl-d14	19.435	244	4516	14.946	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.018	88	395	0.145	ng	# 49
24) Pentachlorophenol	16.406	266	86	0.044	ng	92

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

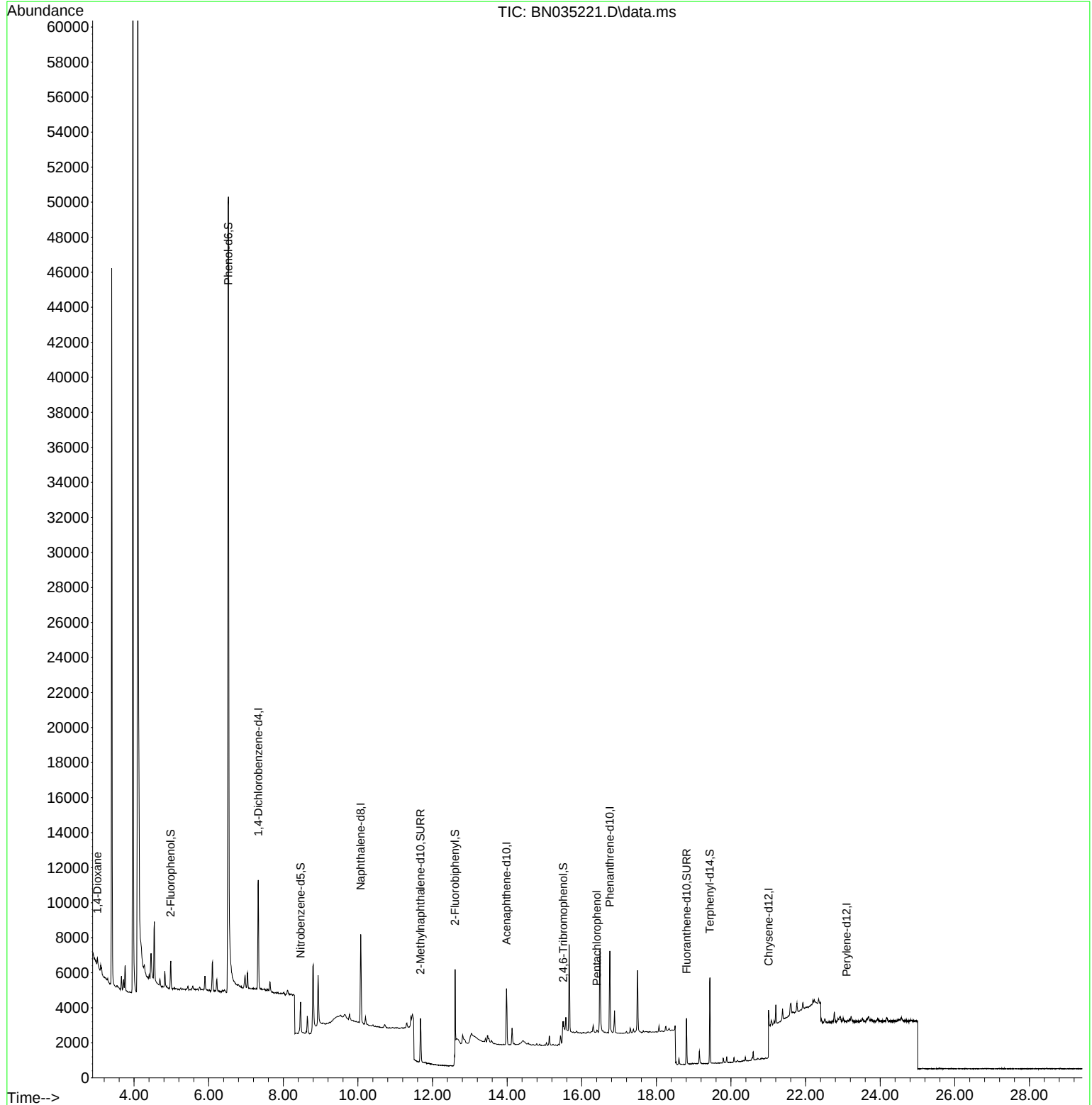
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035221.D
Acq On : 21 Nov 2024 14:35
Operator : RC/JU
Sample : P4868-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

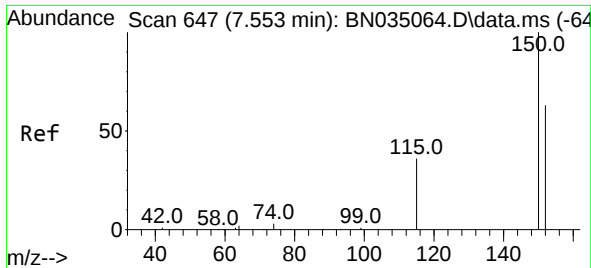
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

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Supervised By :mohammad ahmed 11/22/2024

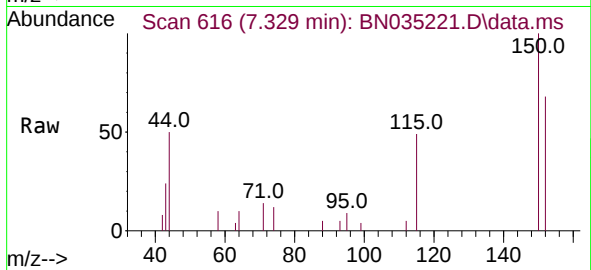
Quant Time: Nov 21 15:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.329 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN035221.D
 Acq: 21 Nov 2024 14:35

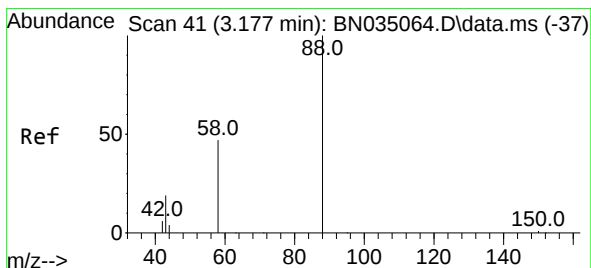
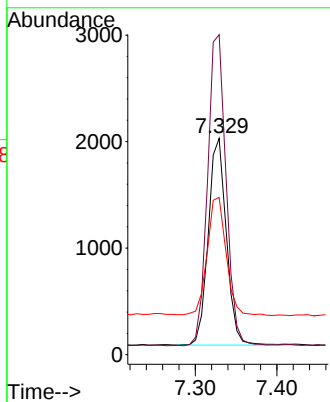
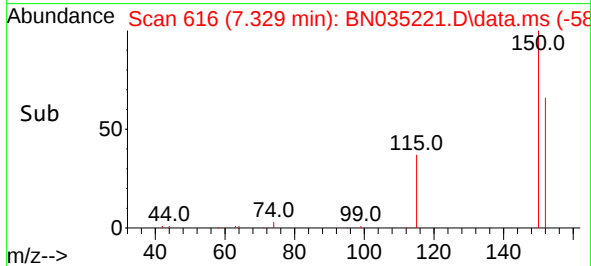
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241114



Tgt Ion:152 Resp: 2998
 Ion Ratio Lower Upper
 152 100
 150 147.9 124.5 186.7
 115 72.7 47.8 71.6

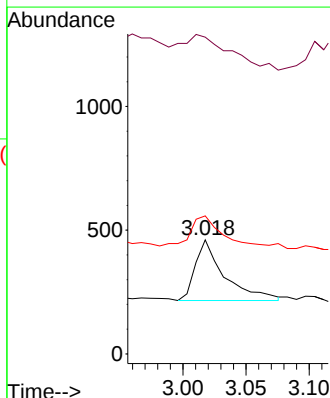
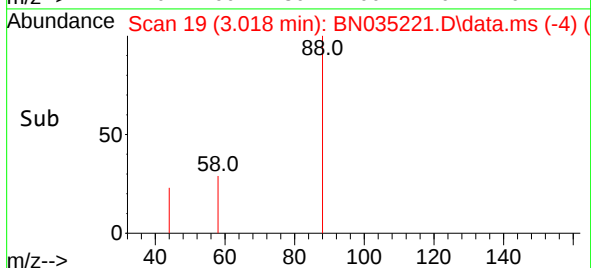
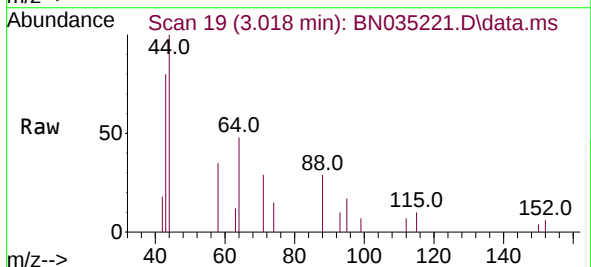
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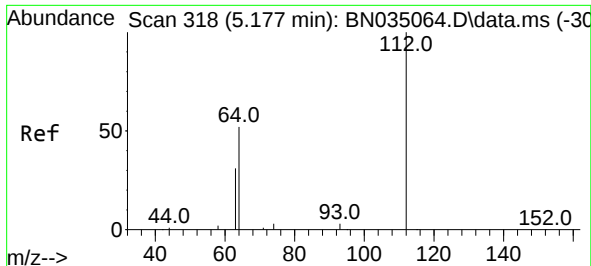
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#2
 1,4-Dioxane
 Concen: 0.145 ng
 RT: 3.018 min Scan# 19
 Delta R.T. 0.007 min
 Lab File: BN035221.D
 Acq: 21 Nov 2024 14:35

Tgt Ion: 88 Resp: 395
 Ion Ratio Lower Upper
 88 100
 43 73.9 16.9 25.3#
 58 65.1 39.0 58.4#





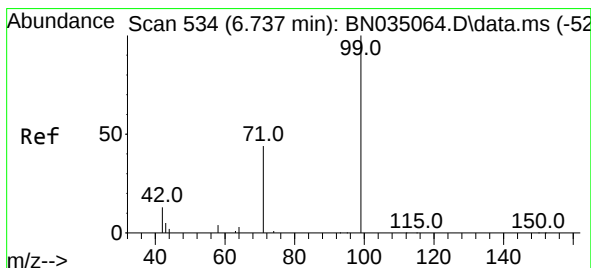
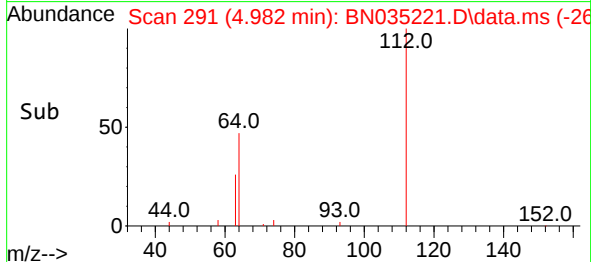
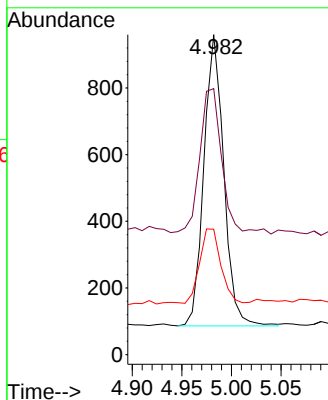
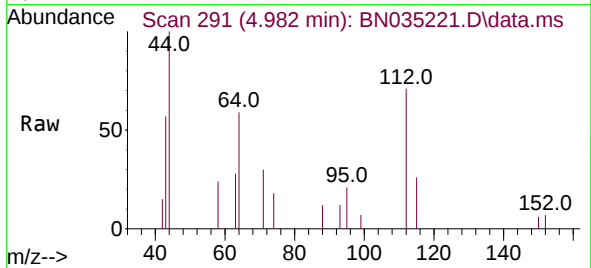
#4
2-Fluorophenol
Concen: 0.160 ng
RT: 4.982 min Scan# 241
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

Tgt Ion:112 Resp: 1218
Ion Ratio Lower Upper
112 100
64 55.7 39.7 59.5
63 27.9 23.0 34.4

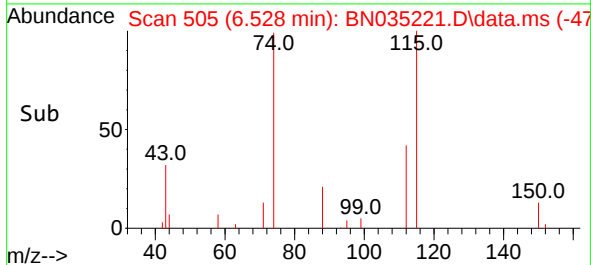
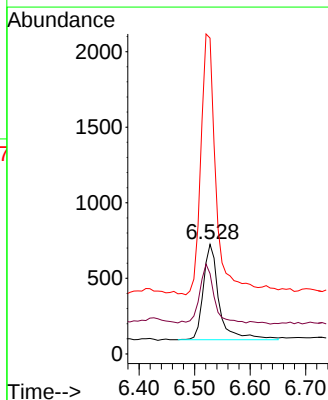
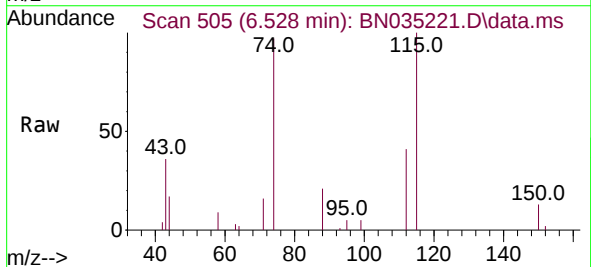
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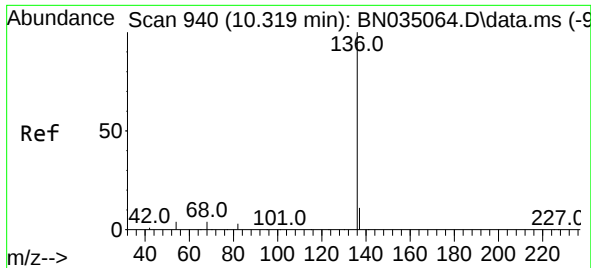
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#5
Phenol-d6
Concen: 0.131 ng
RT: 6.528 min Scan# 505
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

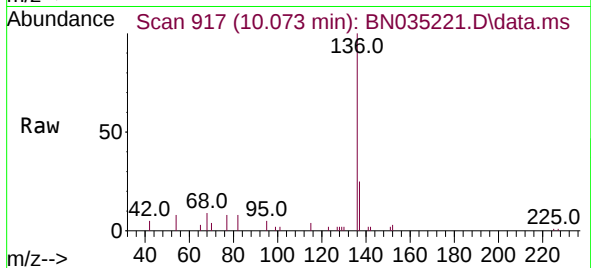
Tgt Ion: 99 Resp: 1253
Ion Ratio Lower Upper
99 100
42 54.8 11.4 17.0#
71 262.3 34.6 51.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

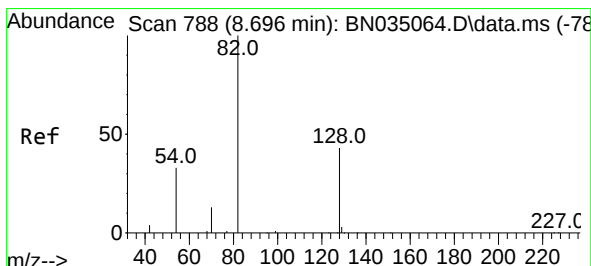
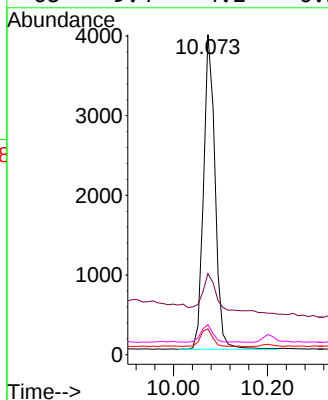
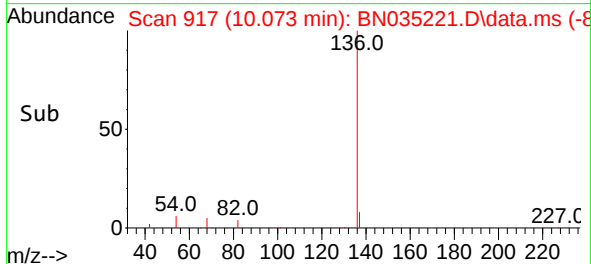
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114



Tgt Ion:	136	Resp:	6728
Ion	Ratio	Lower	Upper
136	100		
137	25.3	9.8	14.8
54	8.1	4.0	6.0
68	9.4	4.2	6.2

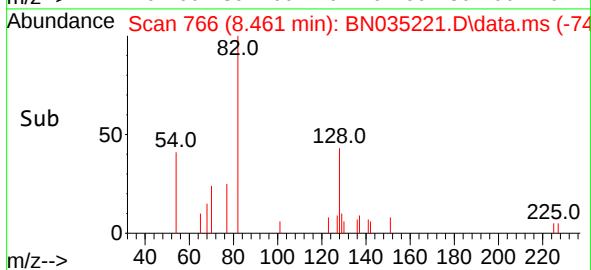
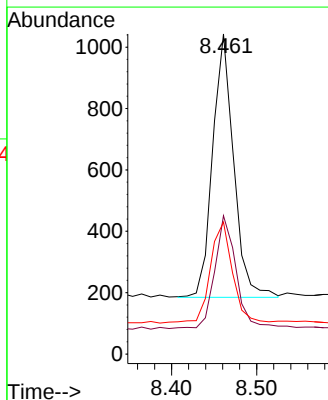
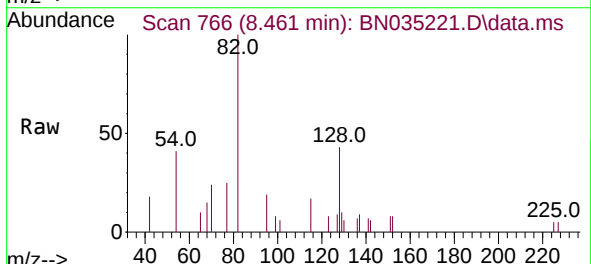
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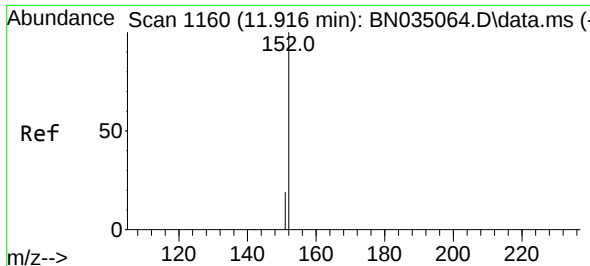
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#8
Nitrobenzene-d5
Concen: 0.252 ng m
RT: 8.461 min Scan# 766
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

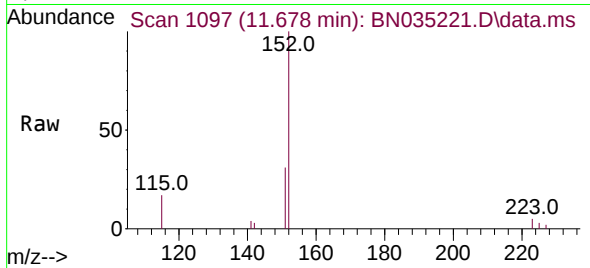
Tgt Ion:	82	Resp:	1475
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.5	54.7
54	41.2	28.7	43.1





#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.678 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

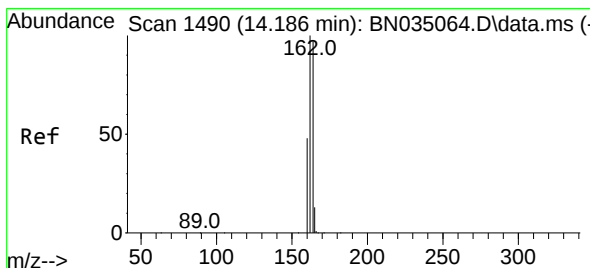
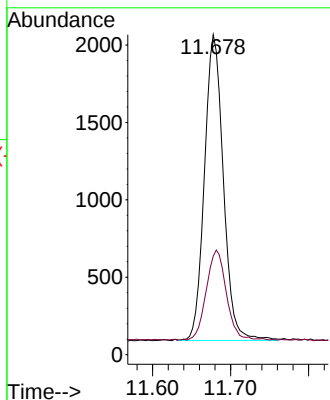
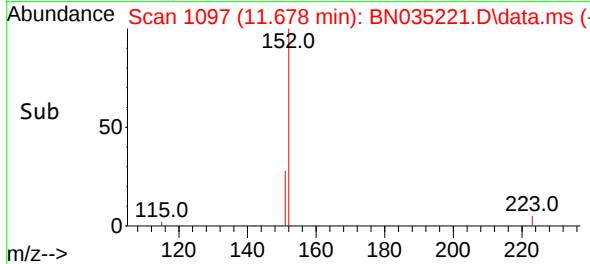
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114



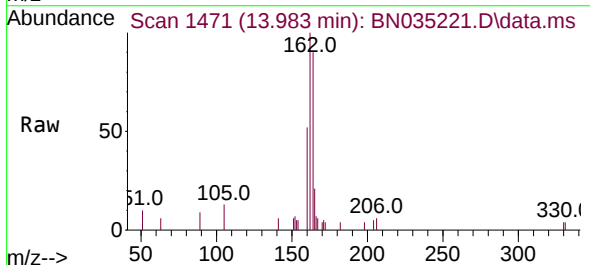
Tgt Ion:152 Resp: 333
Ion Ratio Lower Upper
152 100
151 30.9 16.2 24.4

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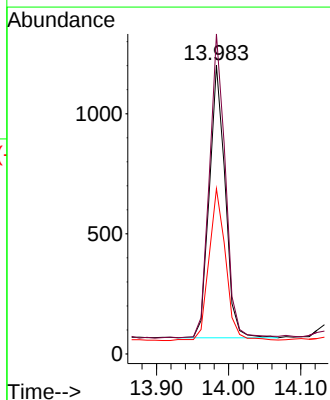
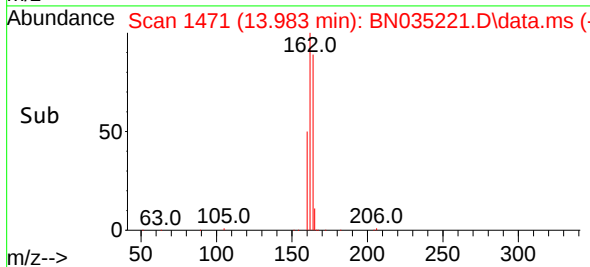
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

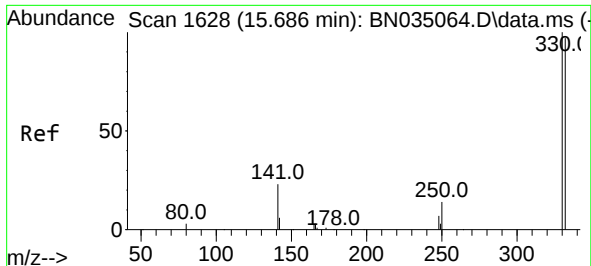


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.983 min Scan# 1471
Delta R.T. -0.004 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35



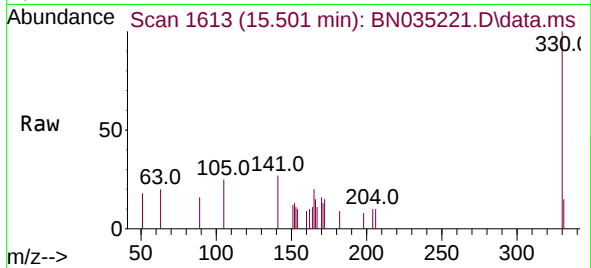
Tgt Ion:164 Resp: 1733
Ion Ratio Lower Upper
164 100
162 110.8 82.2 123.2
160 57.2 40.2 60.4





#14
2,4,6-Tribromophenol
Concen: 1.001 ng
RT: 15.501 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

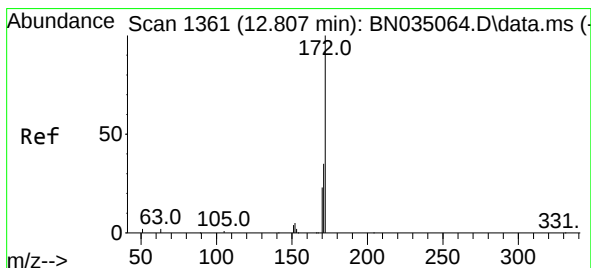
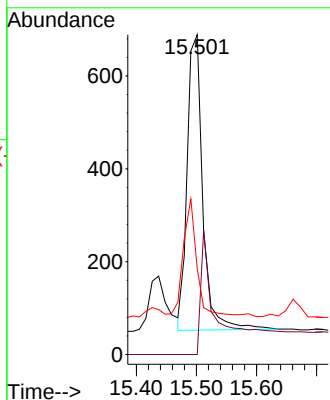
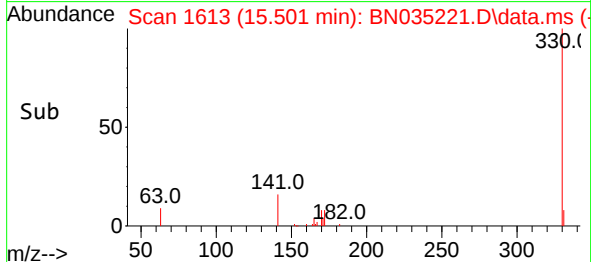
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114



Tgt Ion:330 Resp: 125
Ion Ratio Lower Upper
330 100
332 0.0 76.9 115.3
141 34.8 29.6 44.4

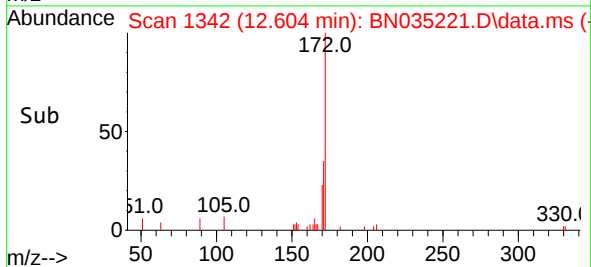
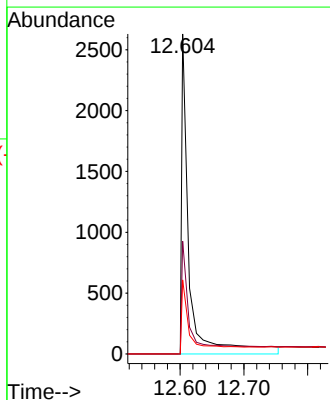
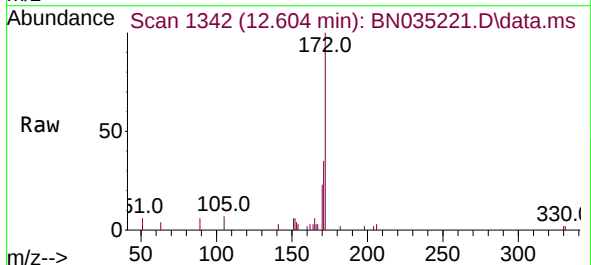
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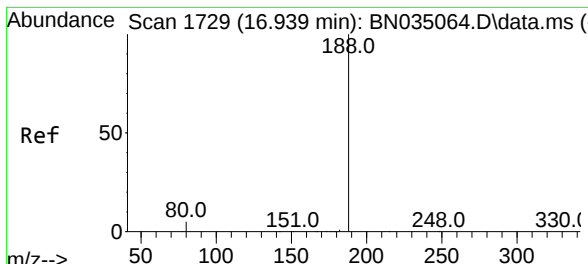
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.604 min Scan# 1342
Delta R.T. -0.004 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

Tgt Ion:172 Resp: 2481
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 19.0 28.6





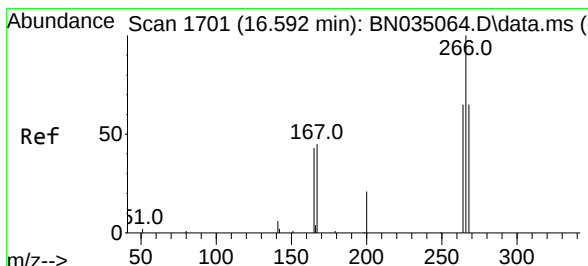
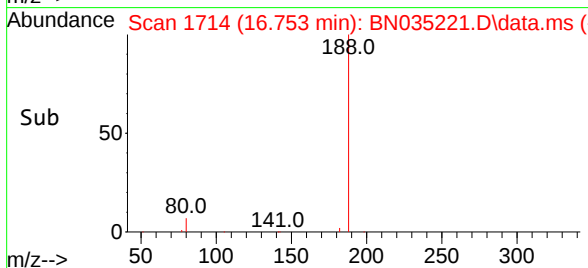
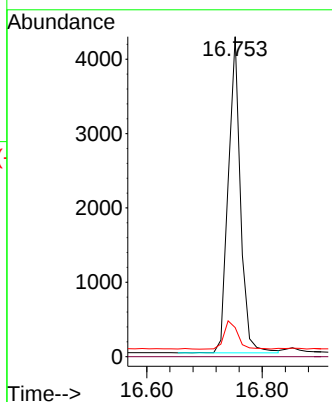
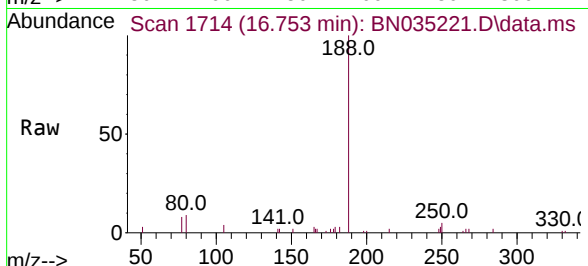
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.753 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: BN035221.D
 Acq: 21 Nov 2024 14:35

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241114

Tgt Ion:	188	Resp:	627
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.1	4.3	6.5

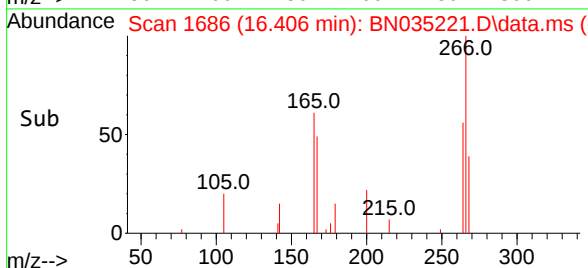
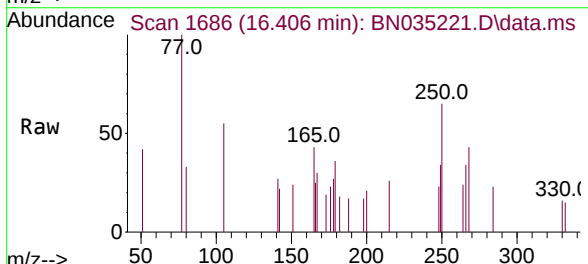
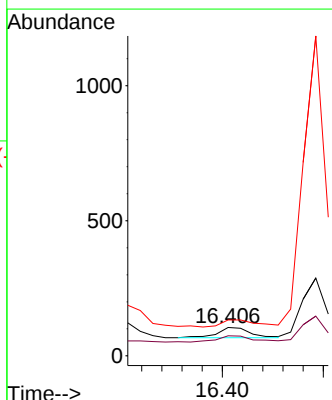
Manual Integrations
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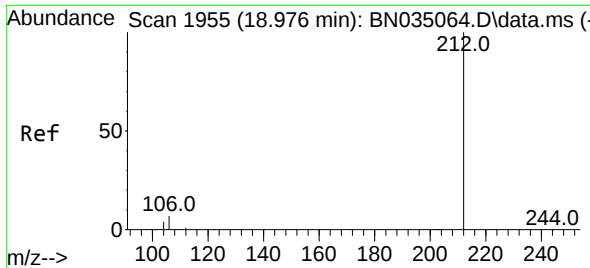
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#24
 Pentachlorophenol
 Concen: 0.044 ng
 RT: 16.406 min Scan# 1686
 Delta R.T. -0.006 min
 Lab File: BN035221.D
 Acq: 21 Nov 2024 14:35

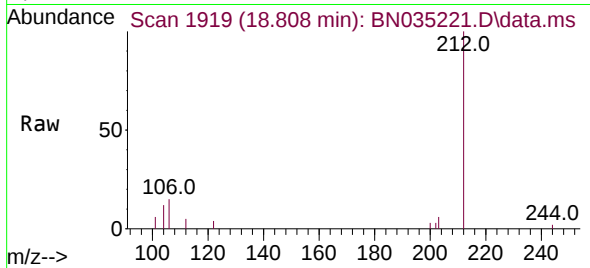
Tgt Ion:	266	Resp:	86
Ion Ratio	Lower	Upper	
266	100		
264	69.8	49.4	74.0
268	69.8	52.6	79.0





#27
Fluoranthene-d10
Concen: 0.150 ng
RT: 18.808 min Scan# 1919
Delta R.T. 0.002 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

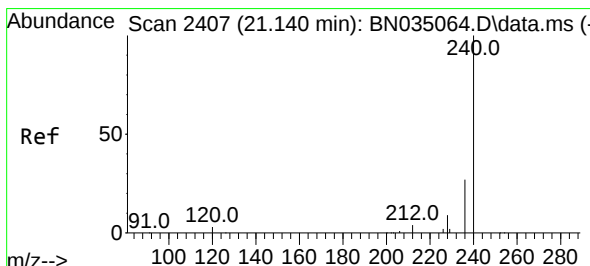
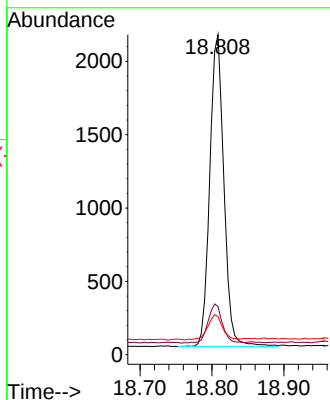
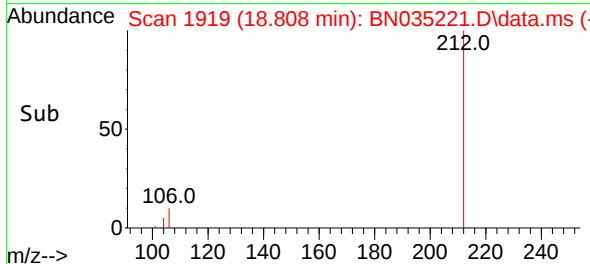
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114



Tgt Ion:212 Resp: 2890
Ion Ratio Lower Upper
212 100
106 12.8 6.0 9.0#
104 8.5 3.5 5.3#

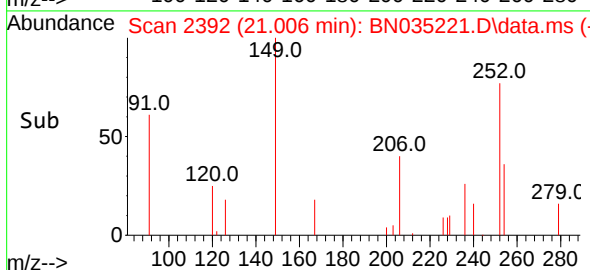
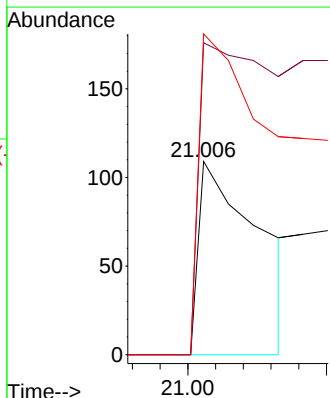
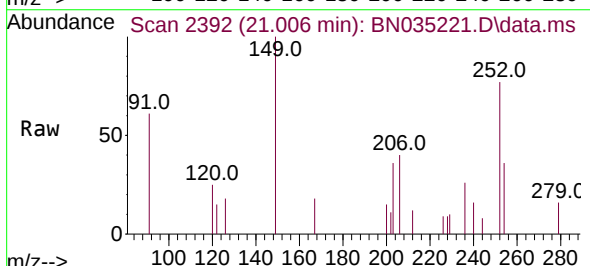
Manual Integrations
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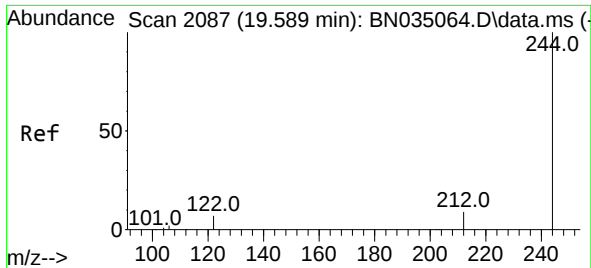
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BN035221.D
Acq: 21 Nov 2024 14:35

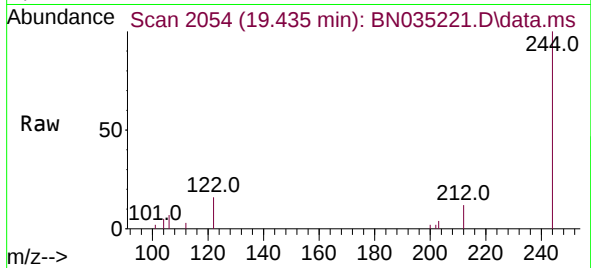
Tgt Ion:240 Resp: 144
Ion Ratio Lower Upper
240 100
120 161.5 3.8 5.6#
236 166.1 22.2 33.2#





#31
 Terphenyl-d14
 Concen: 14.946 ng
 RT: 19.435 min Scan# 2087
 Delta R.T. -0.003 min
 Lab File: BN035221.D
 Acq: 21 Nov 2024 14:35

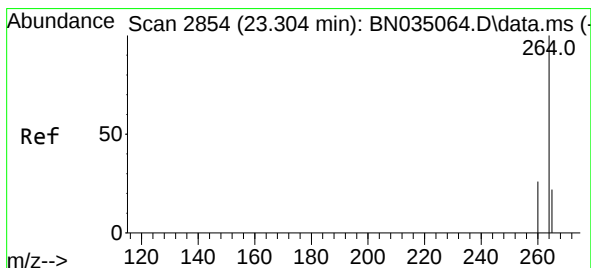
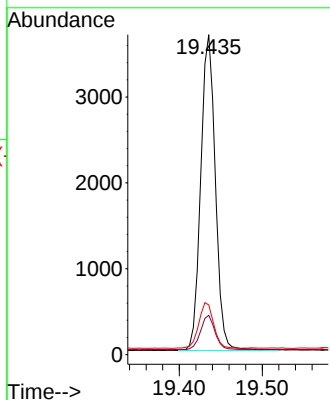
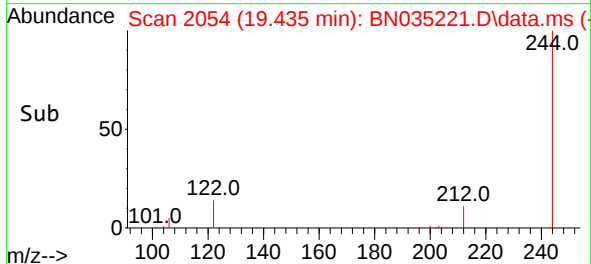
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241114



Tgt Ion:244 Resp: 4510
 Ion Ratio Lower Upper
 244 100
 212 12.3 7.6 11.4#
 122 15.6 6.1 9.1#

Manual Integrations
 APPROVED

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



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.102 min Scan# 2785
 Delta R.T. -0.002 min
 Lab File: BN035221.D
 Acq: 21 Nov 2024 14:35

Tgt Ion:264 Resp: 16
 Ion Ratio Lower Upper
 264 100
 260 81.9 20.9 31.3#
 265 2130.1 35.4 53.2#

