

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035223.D
 Acq On : 21 Nov 2024 15:48
 Operator : RC/JU
 Sample : P4866-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP200-20241114

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 16:50:45 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	3104	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	7479	0.400	ng	# 0.00
13) Acenaphthene-d10	13.983	164	2812	0.400	ng	0.00
19) Phenanthrene-d10	16.753	188	9268	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	1000	0.400	ng	# 0.00
35) Perylene-d12	23.102	264	155	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.982	112	545	0.069	ng	0.00
5) Phenol-d6	6.528	99	485	0.049	ng	0.00
8) Nitrobenzene-d5	8.461	82	618m	0.095	ng	0.00
11) 2-Methylnaphthalene-d10	11.682	152	1734	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.501	330	642	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	1472	0.129	ng	0.00
27) Fluoranthene-d10	18.804	212	2648	0.093	ng	0.00
31) Terphenyl-d14	19.436	244	2773	1.322	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.011	88	6115	2.169	ng	Qvalue 91

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

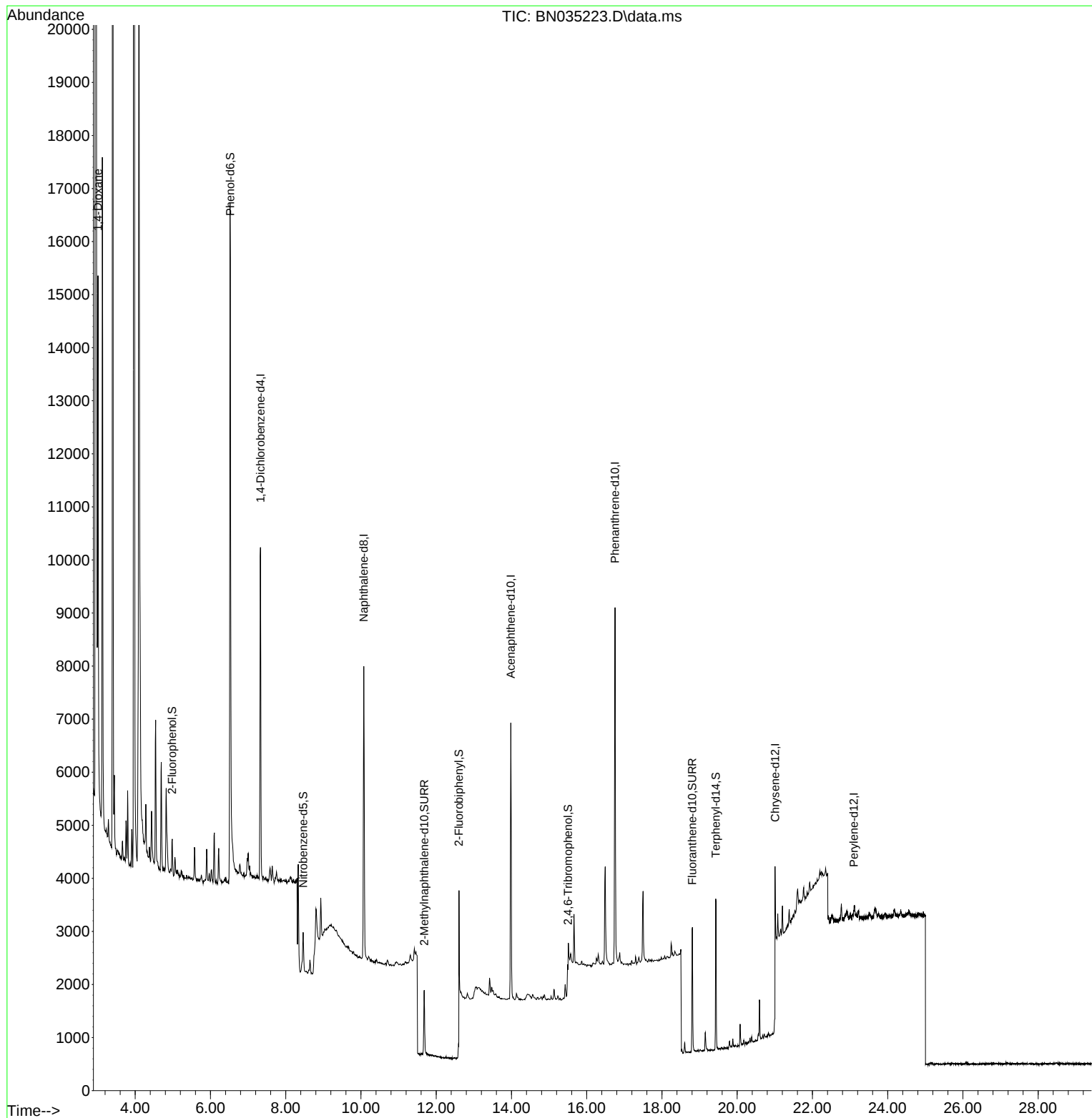
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
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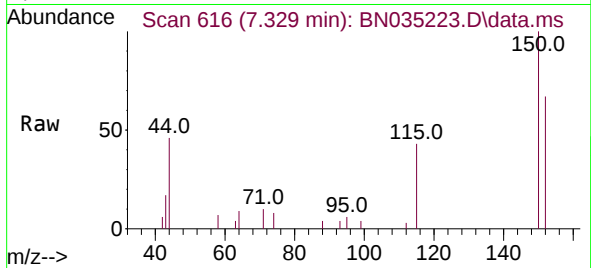
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

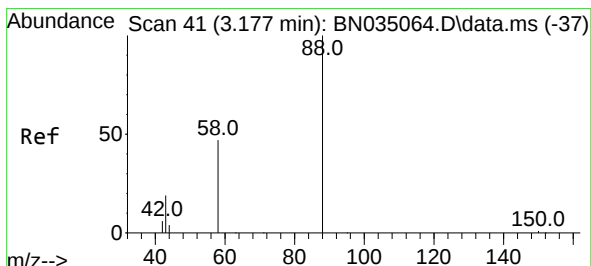
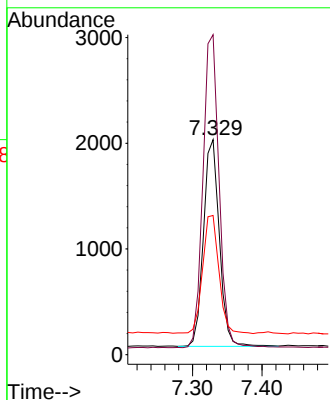
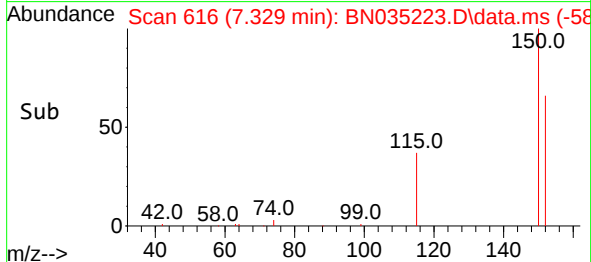
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114



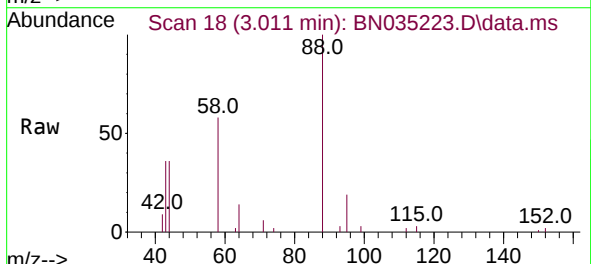
Tgt Ion:152 Resp: 3104
Ion Ratio Lower Upper
152 100
150 148.8 124.5 186.7
115 64.7 47.8 71.6

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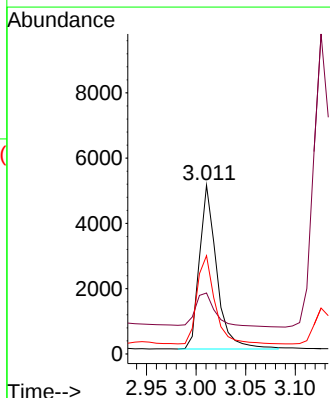
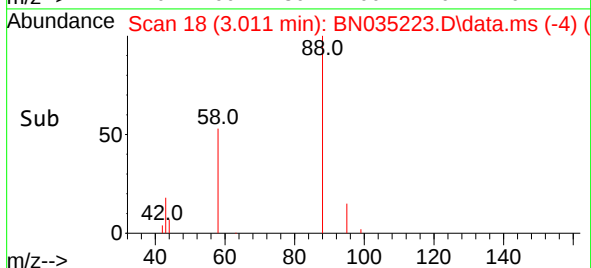
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

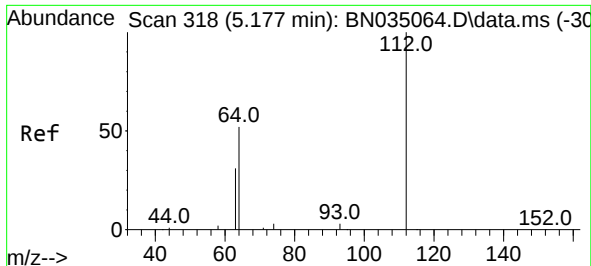


#2
1,4-Dioxane
Concen: 2.169 ng
RT: 3.011 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48



Tgt Ion: 88 Resp: 6115
Ion Ratio Lower Upper
88 100
43 24.3 16.9 25.3
58 55.6 39.0 58.4





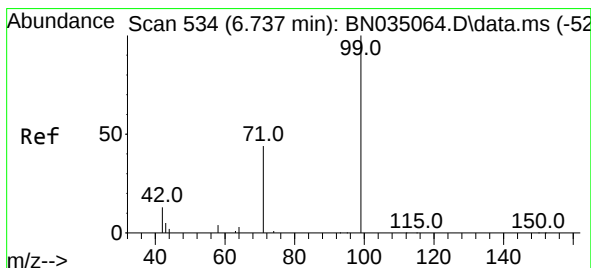
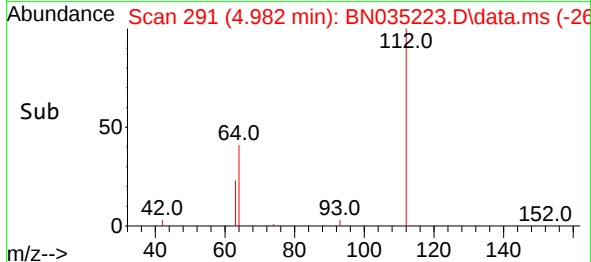
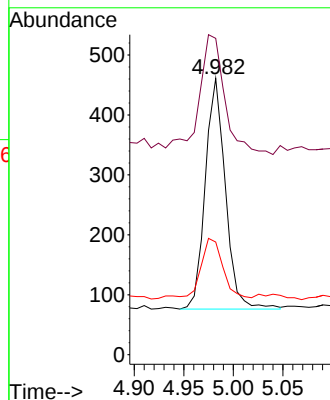
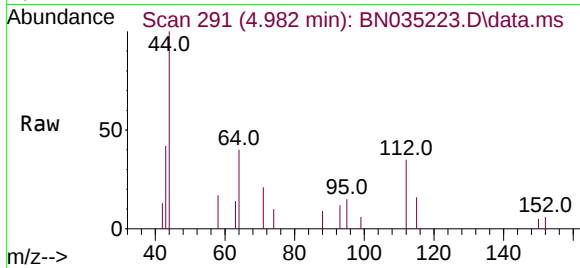
#4
2-Fluorophenol
Concen: 0.069 ng
RT: 4.982 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

Tgt Ion:112 Resp: 549
Ion Ratio Lower Upper
112 100
64 67.0 39.7 59.5
63 29.5 23.0 34.4

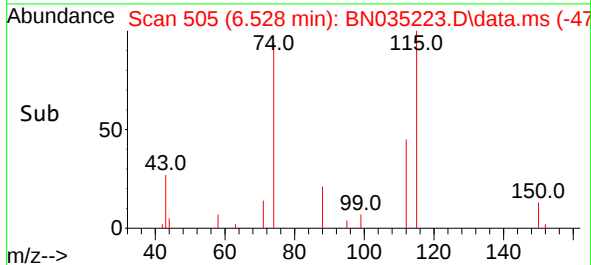
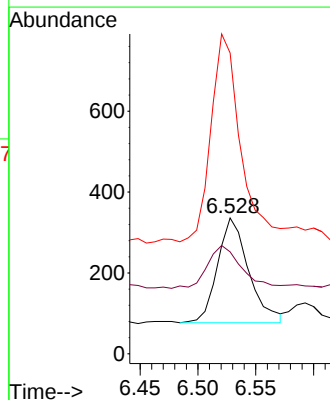
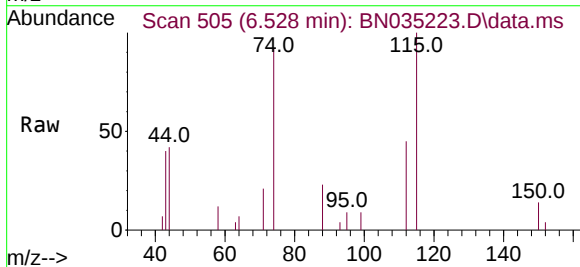
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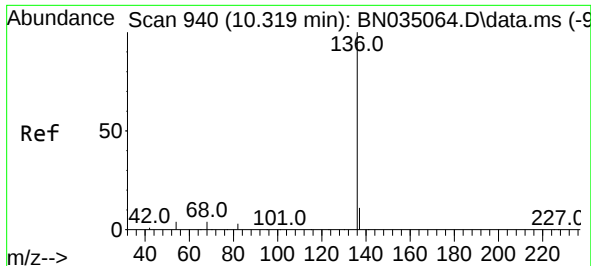
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#5
Phenol-d6
Concen: 0.049 ng
RT: 6.528 min Scan# 505
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion: 99 Resp: 485
Ion Ratio Lower Upper
99 100
42 43.1 11.4 17.0#
71 212.8 34.6 51.8#





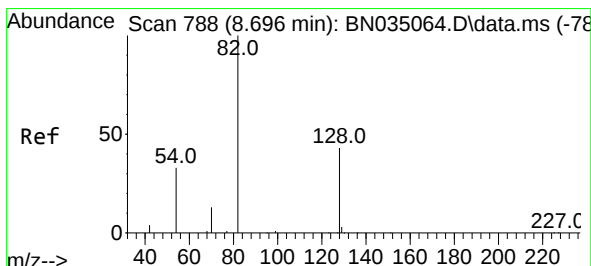
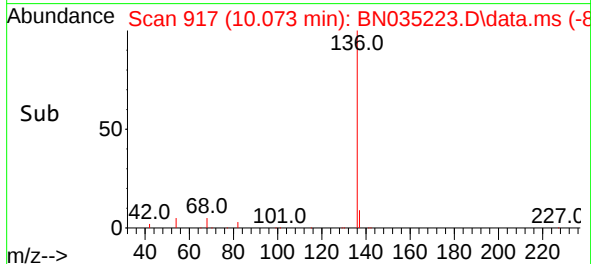
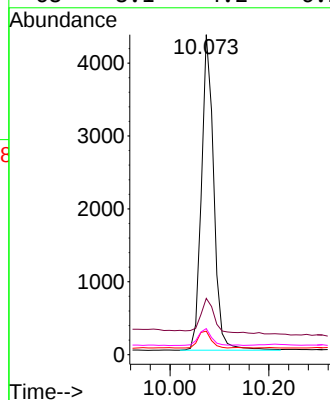
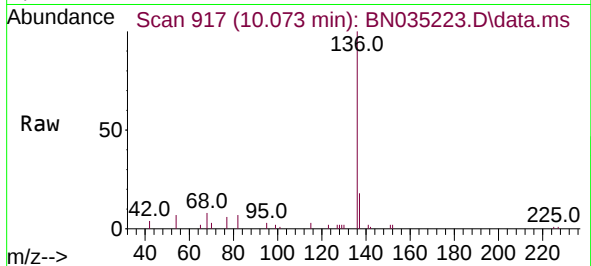
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

Tgt Ion:	136	Resp:	7479
Ion Ratio	Lower	Upper	
136	100		
137	17.6	9.8	14.8
54	7.3	4.0	6.0
68	8.1	4.2	6.2

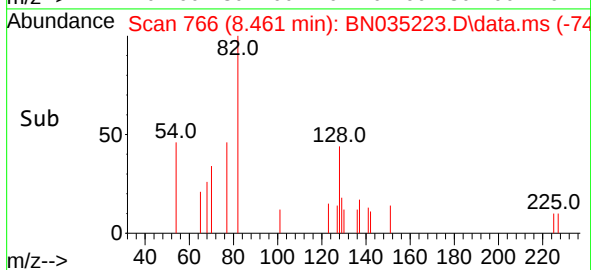
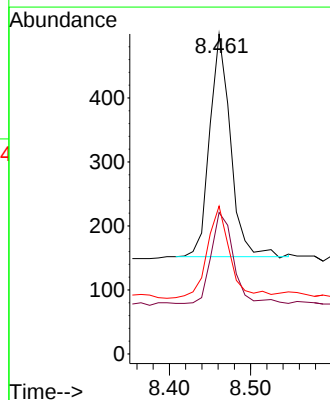
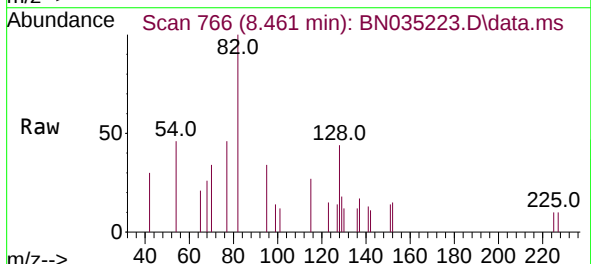
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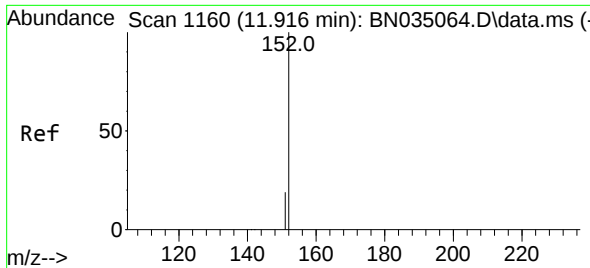
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#8
Nitrobenzene-d5
Concen: 0.095 ng m
RT: 8.461 min Scan# 766
Delta R.T. -0.000 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

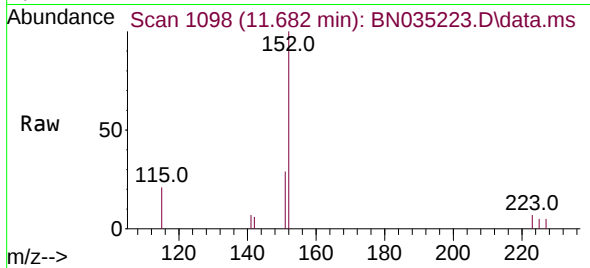
Tgt Ion:	82	Resp:	618
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.5	54.7
54	46.2	28.7	43.1





#11
2-Methylnaphthalene-d10
Concen: 0.130 ng
RT: 11.682 min Scan# 1098
Delta R.T. 0.004 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

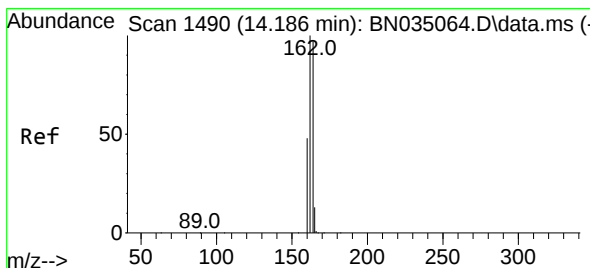
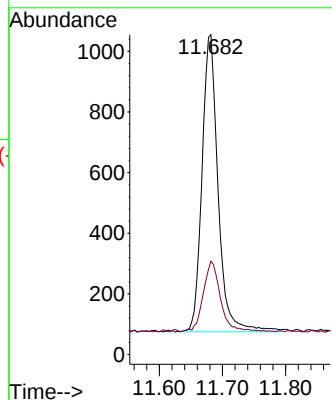
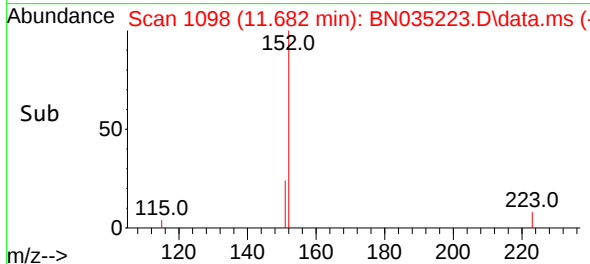
Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114



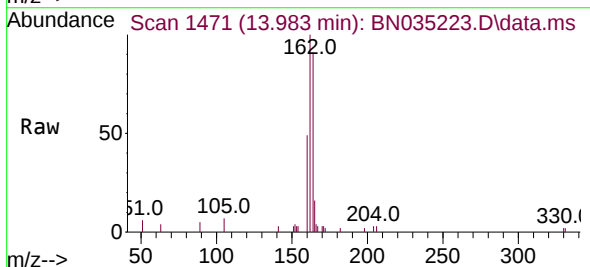
Tgt Ion:152 Resp: 1734
Ion Ratio Lower Upper
152 100
151 25.0 16.2 24.4

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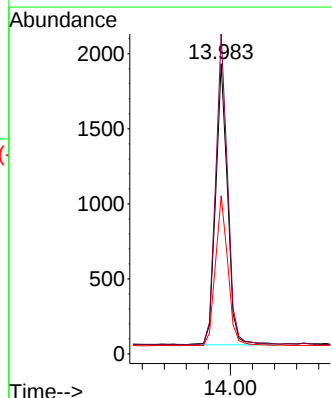
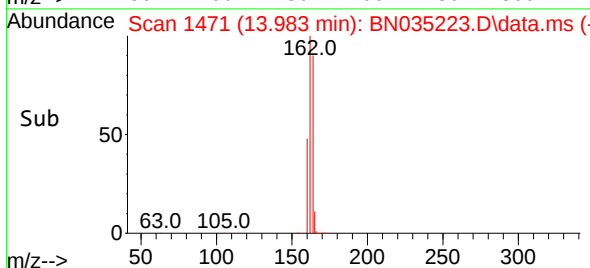
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Supervised By :mohammad ahmed 11/22/2024

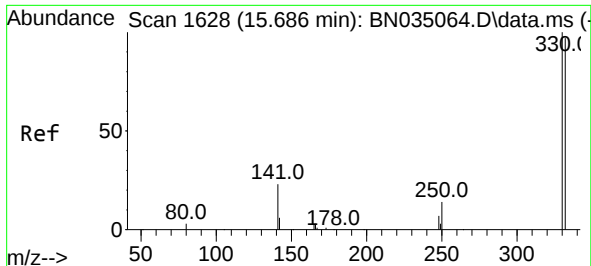


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.983 min Scan# 1471
Delta R.T. -0.004 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48



Tgt Ion:164 Resp: 2812
Ion Ratio Lower Upper
164 100
162 110.2 82.2 123.2
160 54.5 40.2 60.4





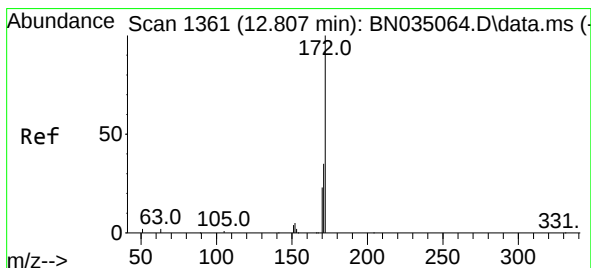
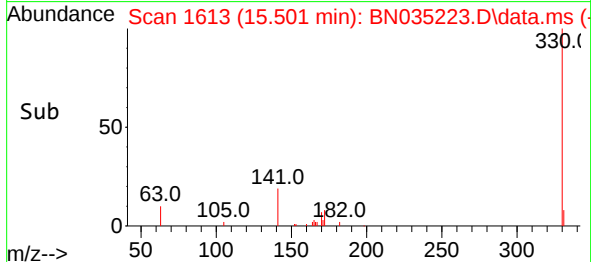
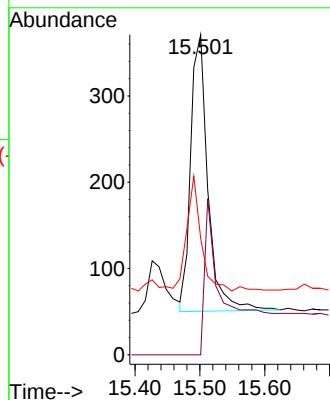
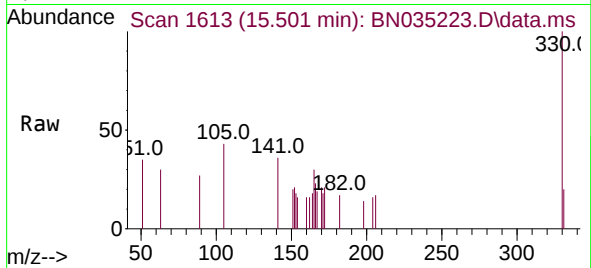
#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.501 min Scan# 1613
Delta R.T. 0.007 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

Tgt Ion:330 Resp: 642
Ion Ratio Lower Upper
330 100
332 76.6 76.9 115.3
141 0.0 29.6 44.4

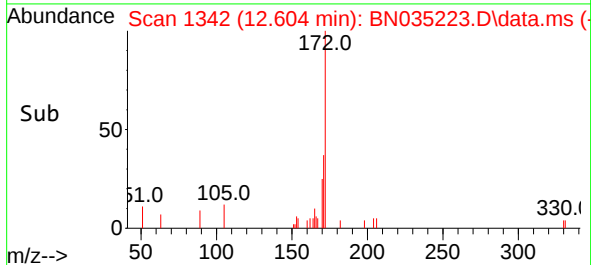
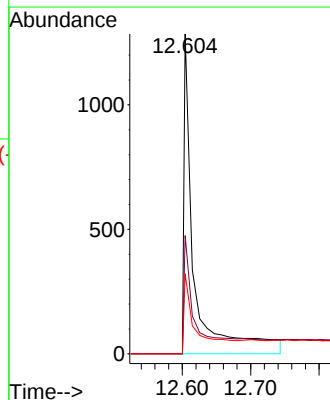
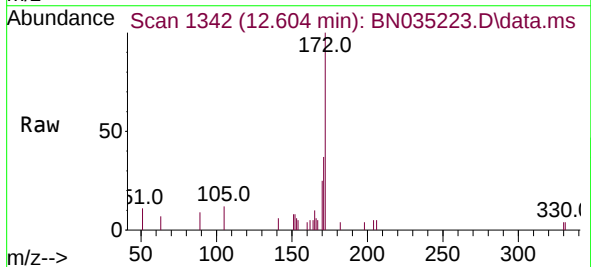
Manual Integrations
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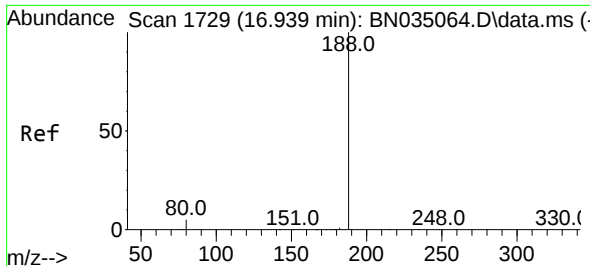
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#15
2-Fluorobiphenyl
Concen: 0.129 ng
RT: 12.604 min Scan# 1342
Delta R.T. -0.004 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion:172 Resp: 1472
Ion Ratio Lower Upper
172 100
171 37.0 28.2 42.4
170 25.1 19.0 28.6





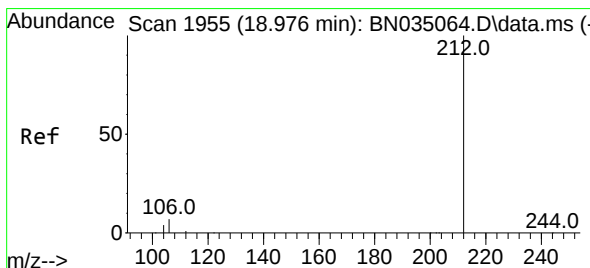
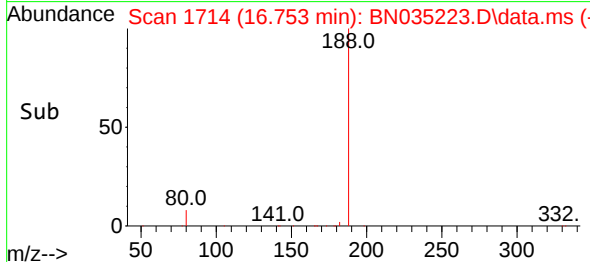
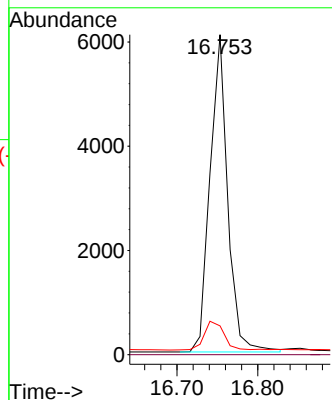
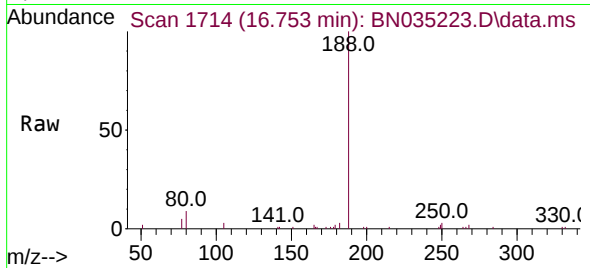
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.753 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114

Tgt Ion:188 Resp: 926
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 4.3 6.5

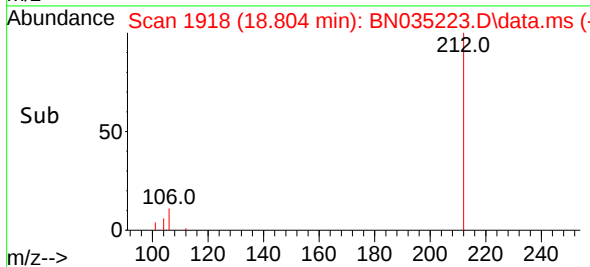
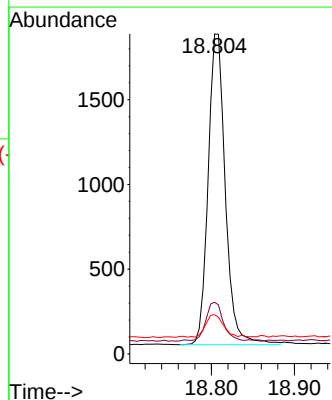
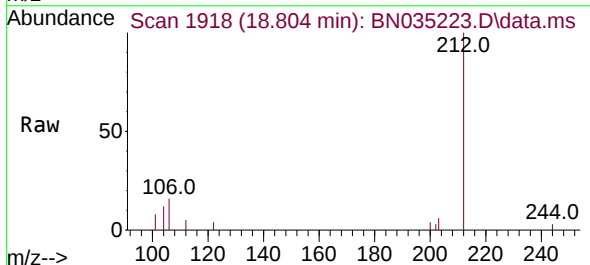
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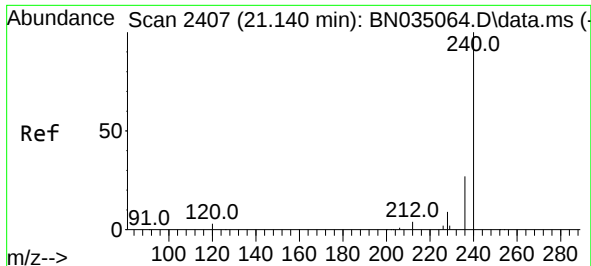
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#27
Fluoranthene-d10
Concen: 0.093 ng
RT: 18.804 min Scan# 1918
Delta R.T. -0.002 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Tgt Ion:212 Resp: 2648
Ion Ratio Lower Upper
212 100
106 12.9 6.0 9.0#
104 7.5 3.5 5.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 2100

Delta R.T. -0.002 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

Instrument :

BNA_N

ClientSampleId :

RW7-SP200-20241114

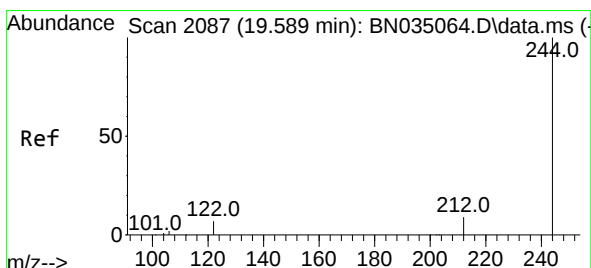
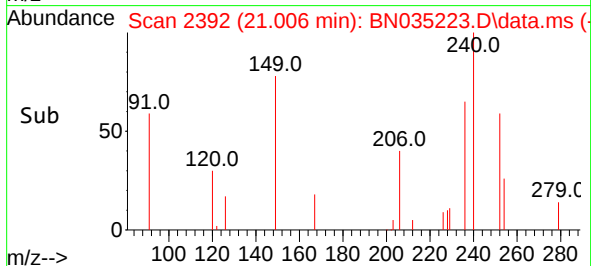
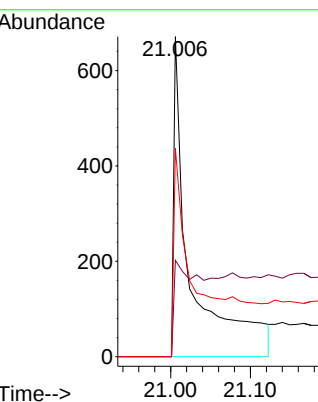
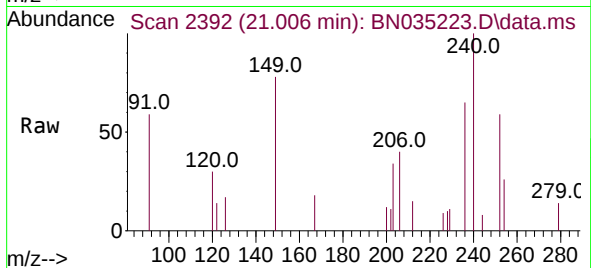
Tgt Ion:240	Resp:	1000
Ion Ratio	Lower	Upper
240	100	
120	30.1	3.8 5.6
236	65.1	22.2 33.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#31

Terphenyl-d14

Concen: 1.322 ng

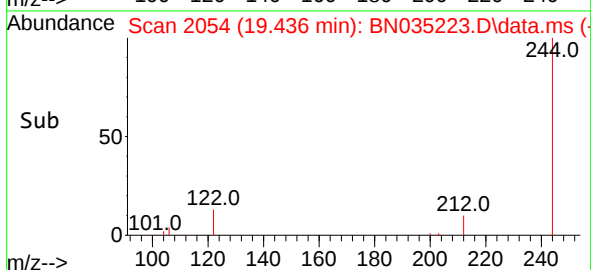
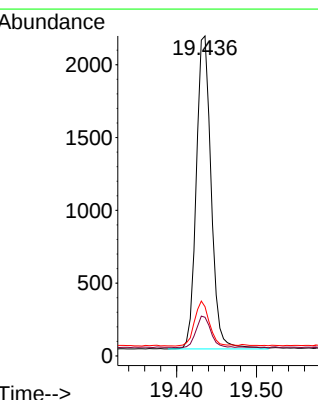
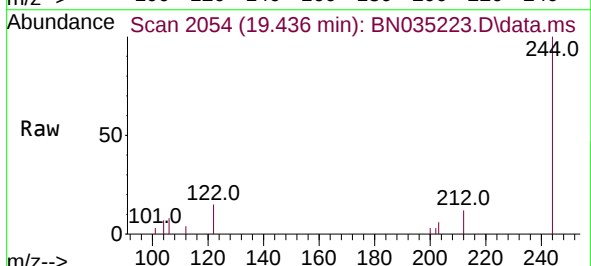
RT: 19.436 min Scan# 2054

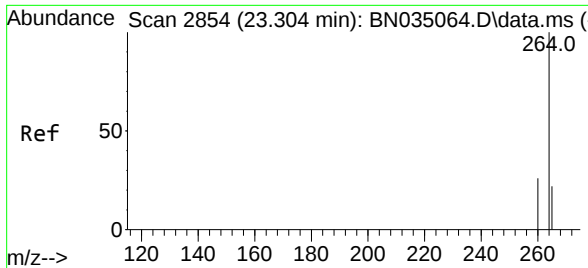
Delta R.T. -0.002 min

Lab File: BN035223.D

Acq: 21 Nov 2024 15:48

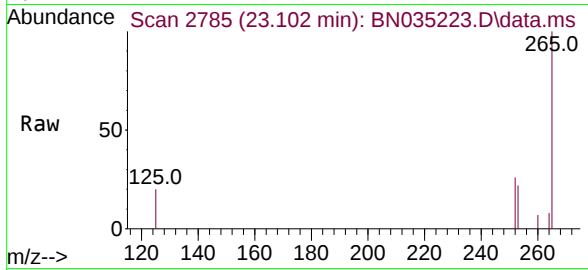
Tgt Ion:244	Resp:	2773
Ion Ratio	Lower	Upper
244	100	
212	12.1	7.6 11.4#
122	15.4	6.1 9.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.102 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN035223.D
Acq: 21 Nov 2024 15:48

Instrument :
BNA_N
ClientSampleId :
RW7-SP200-20241114



Tgt Ion:264 Resp: 158
Ion Ratio Lower Upper
264 100
260 80.5 20.9 31.3
265 1238.3 35.4 53.2

Manual Integrations
APPROVED

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

