

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035527.D
 Acq On : 10 Dec 2024 10:45
 Operator : RC/JU
 Sample : P5166-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241206DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 12:28:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1780	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4601	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3512	0.400	ng	-0.01
19) Phenanthrene-d10	16.736	188	9370	0.400	ng	# 0.00
29) Chrysene-d12	20.974	240	6994	0.400	ng	0.00
35) Perylene-d12	23.067	264	6330	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.961	112	130	0.029	ng	0.00
5) Phenol-d6	6.506	99	82	0.015	ng	0.00
8) Nitrobenzene-d5	8.440	82	176m	0.063	ng	0.00
11) 2-Methylnaphthalene-d10	11.671	152	499	0.069	ng	0.02
14) 2,4,6-Tribromophenol	15.496	330	104	0.042	ng	0.02
15) 2-Fluorobiphenyl	12.589	172	825	0.062	ng	0.02
27) Fluoranthene-d10	18.785	212	2053	0.077	ng	0.00
31) Terphenyl-d14	19.412	244	1573	0.114	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.996	88	2988	1.756	ng	Qvalue 99

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

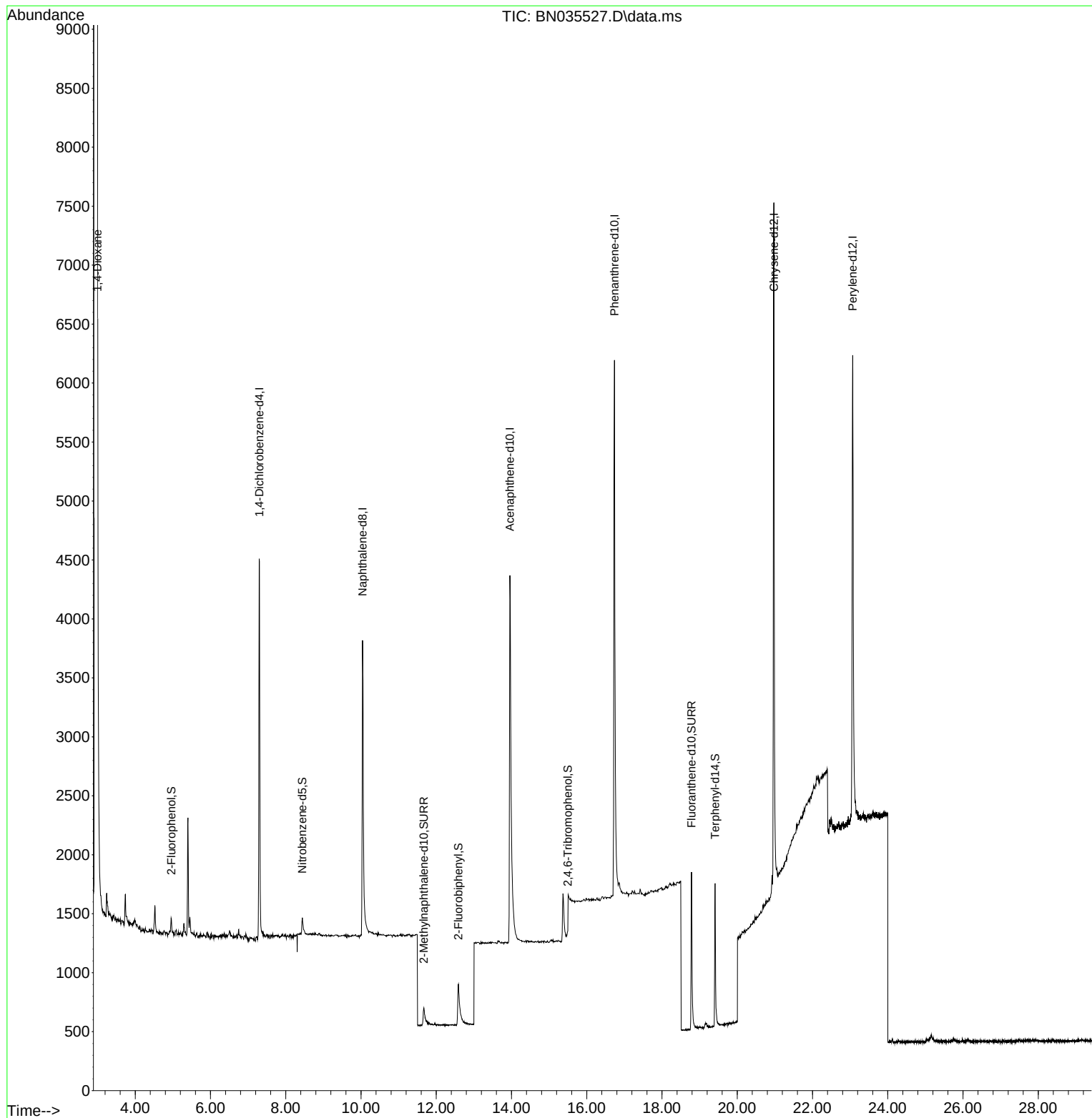
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035527.D
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ALS Vial : 4 Sample Multiplier: 1

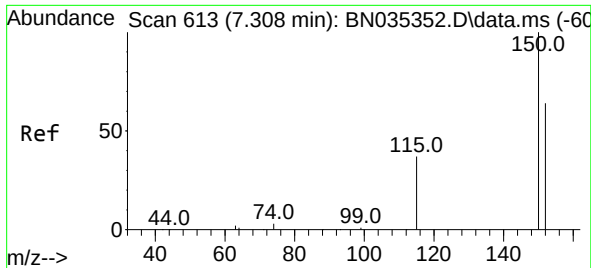
Instrument :
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RW5-SP100-20241206DL

Quant Time: Dec 10 12:28:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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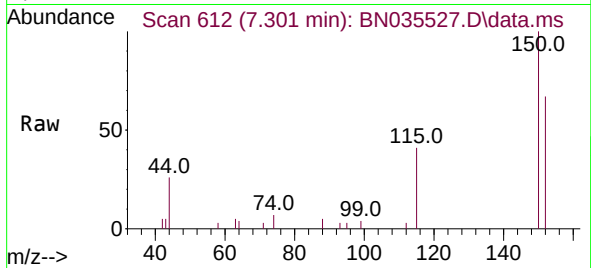
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

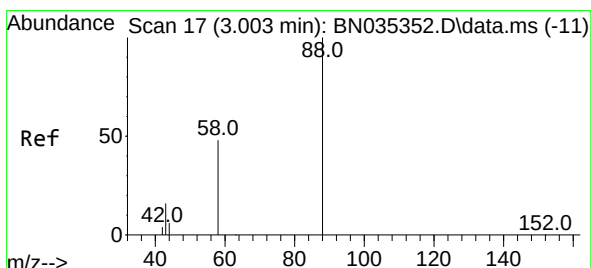
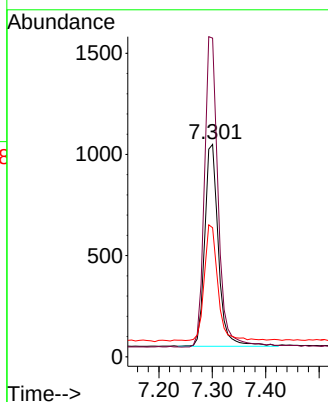
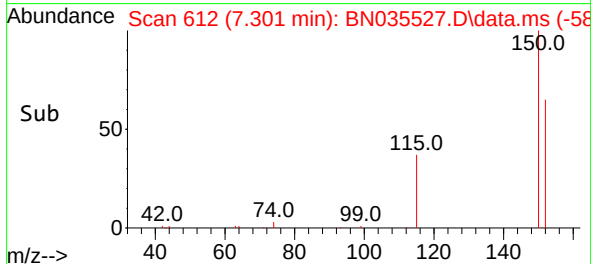
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206DL



Tgt Ion: 152 Resp: 1780
Ion Ratio Lower Upper
152 100
150 150.0 124.0 186.0
115 60.8 49.6 74.4

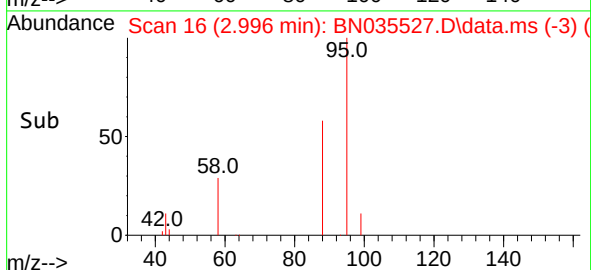
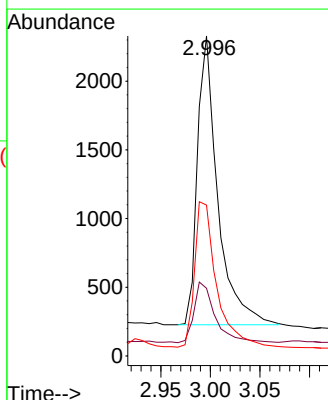
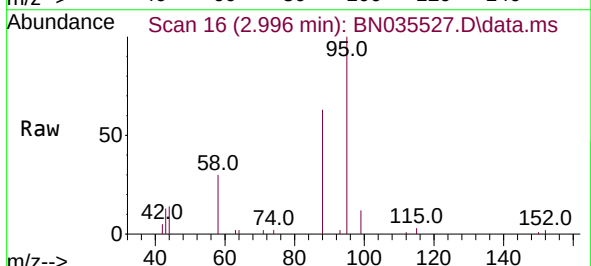
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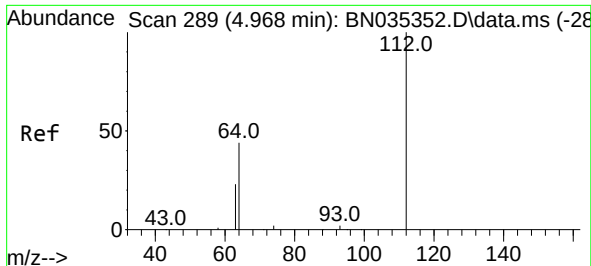
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#2
1,4-Dioxane
Concen: 1.756 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

Tgt Ion: 88 Resp: 2988
Ion Ratio Lower Upper
88 100
43 21.4 17.2 25.8
58 54.5 44.5 66.7





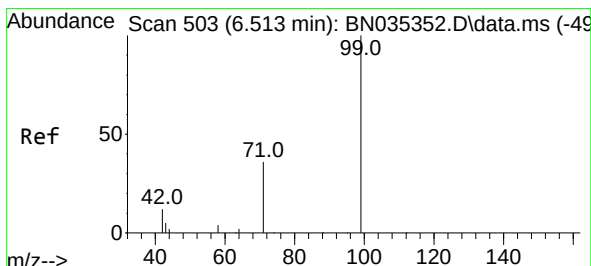
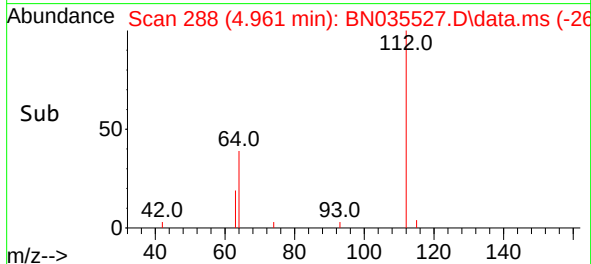
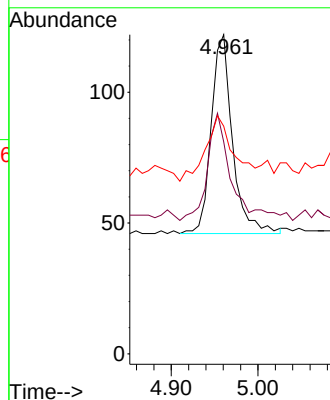
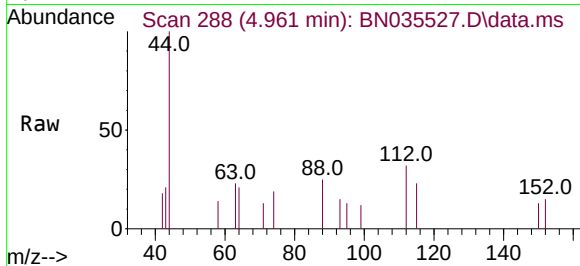
#4
2-Fluorophenol
Concen: 0.029 ng
RT: 4.961 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206DL

Tgt Ion:112 Resp: 130
Ion Ratio Lower Upper
112 100
64 60.0 39.8 59.8
63 42.3 21.0 31.6

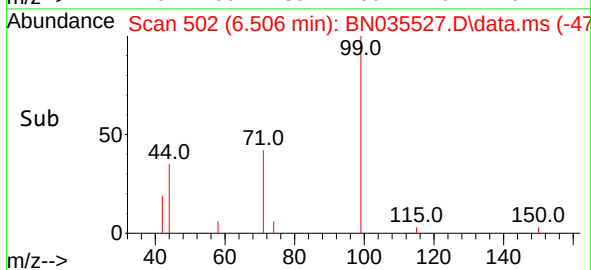
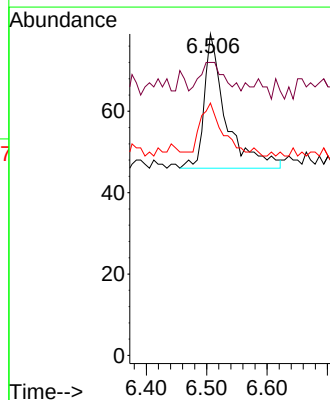
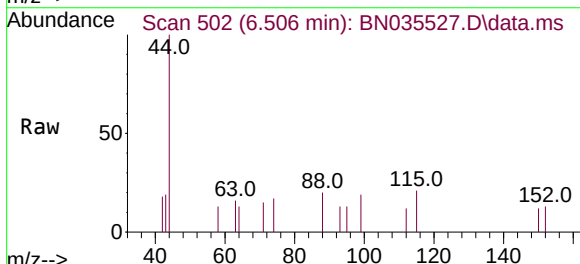
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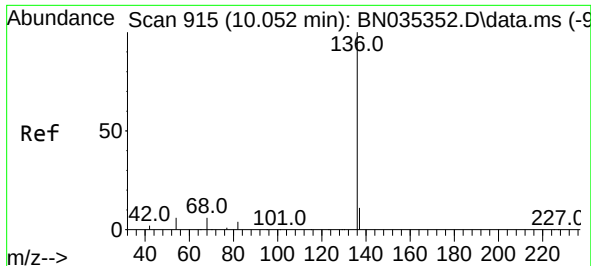
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#5
Phenol-d6
Concen: 0.015 ng
RT: 6.506 min Scan# 502
Delta R.T. -0.007 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

Tgt Ion: 99 Resp: 82
Ion Ratio Lower Upper
99 100
42 22.0 11.4 17.2
71 34.1 29.3 43.9





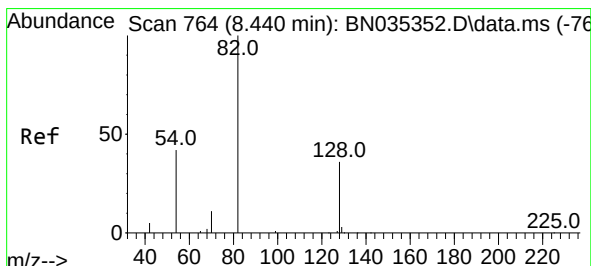
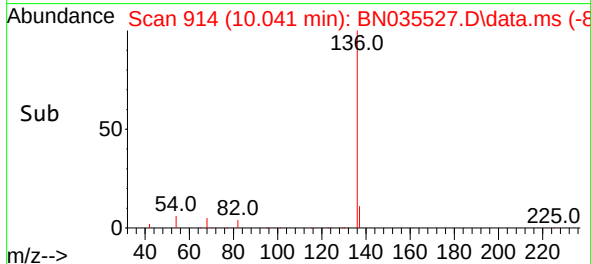
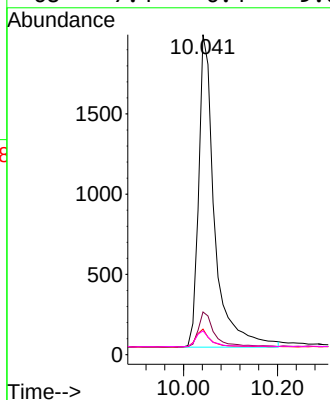
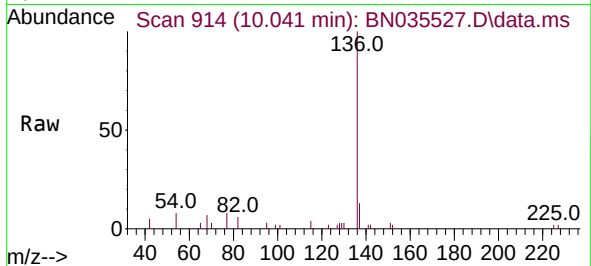
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206DL

Tgt Ion:136	Resp:	460
Ion Ratio	Lower	Upper
136	100	
137	13.3	10.2 15.2
54	8.0	6.1 9.1
68	7.4	6.4 9.6

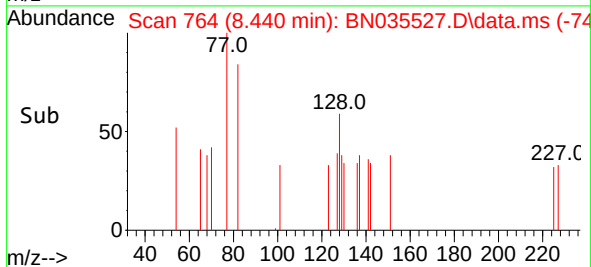
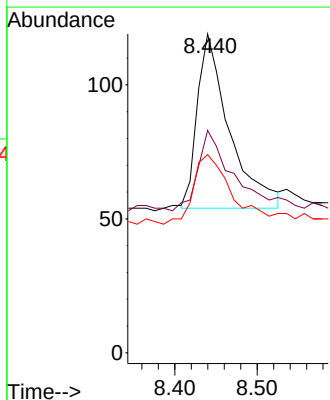
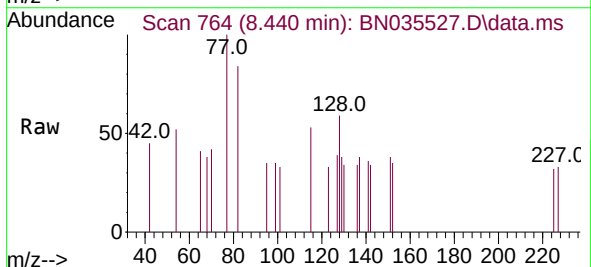
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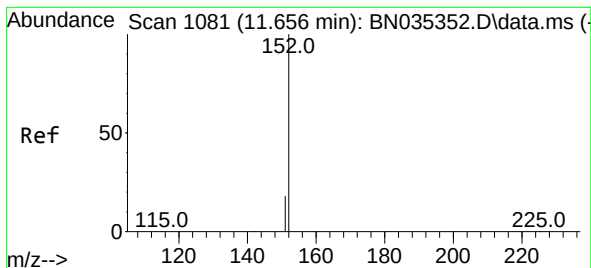
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#8
Nitrobenzene-d5
Concen: 0.063 ng m
RT: 8.440 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

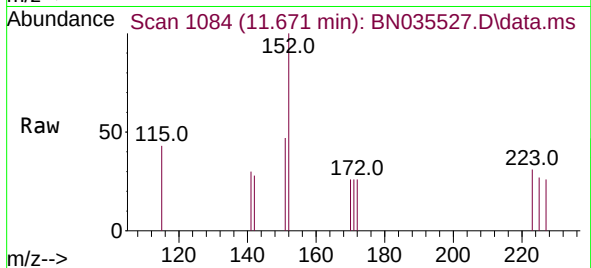
Tgt Ion: 82	Resp:	176
Ion Ratio	Lower	Upper
82	100	
128	69.7	33.4 50.0#
54	62.2	36.7 55.1#





#11
2-Methylnaphthalene-d10
Concen: 0.069 ng
RT: 11.671 min Scan# 1081
Delta R.T. 0.015 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

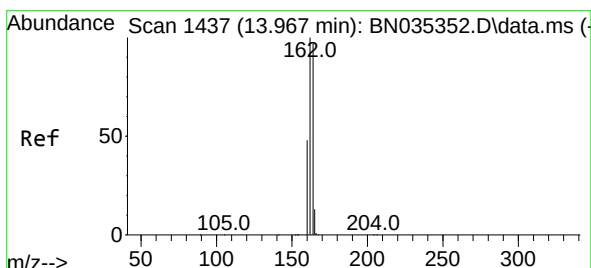
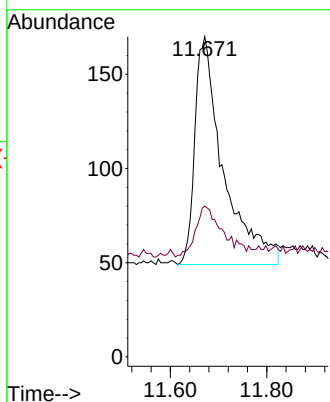
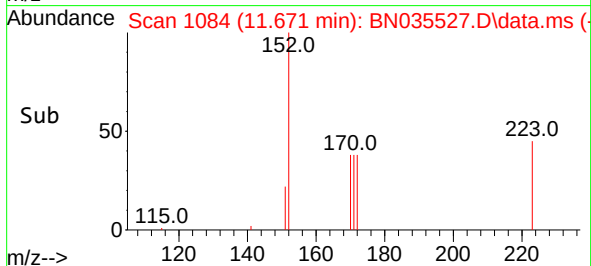
Instrument :
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RW5-SP100-20241206DL



Tgt Ion:152 Resp: 499
Ion Ratio Lower Upper
152 100
151 19.2 16.6 25.0

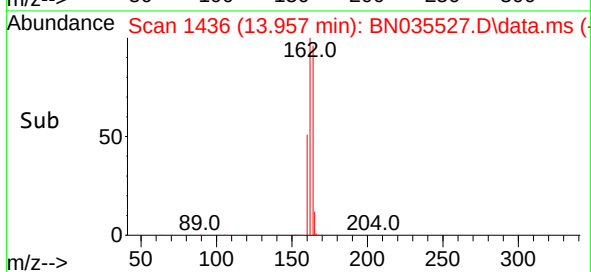
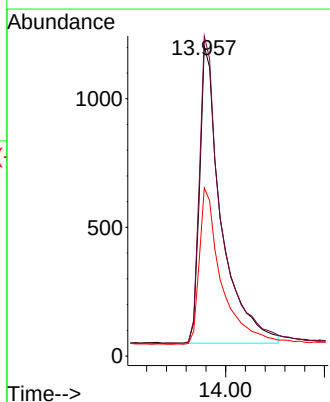
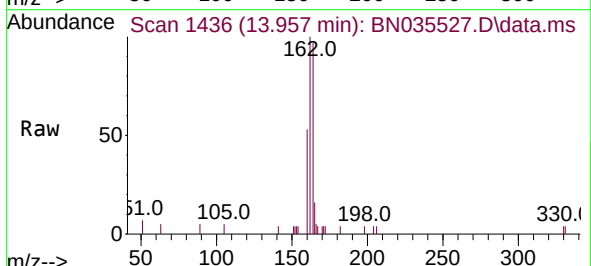
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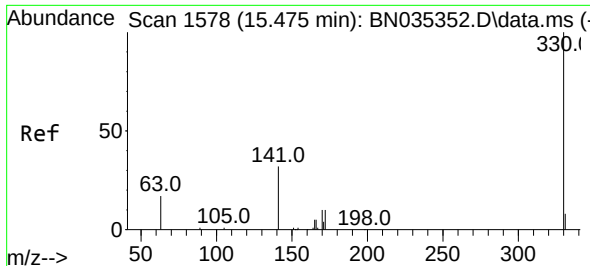
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

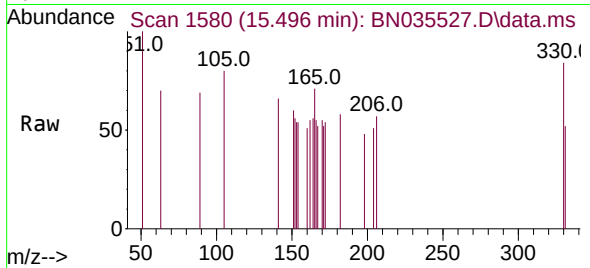
Tgt Ion:164 Resp: 3512
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 54.3 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.042 ng
RT: 15.496 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

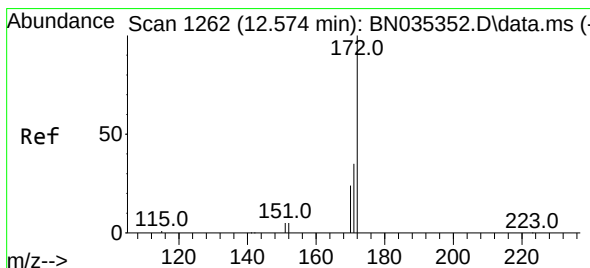
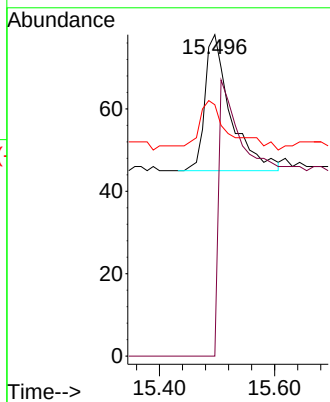
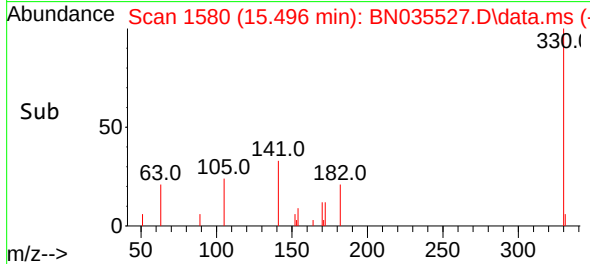
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206DL



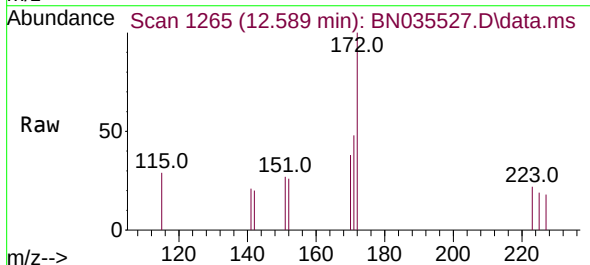
Tgt Ion: 330 Resp: 104
Ion Ratio Lower Upper
330 100
332 329.8 0.0 0.0#
141 0.0 26.6 40.0#

Manual Integrations
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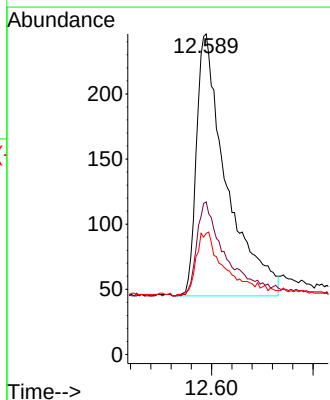
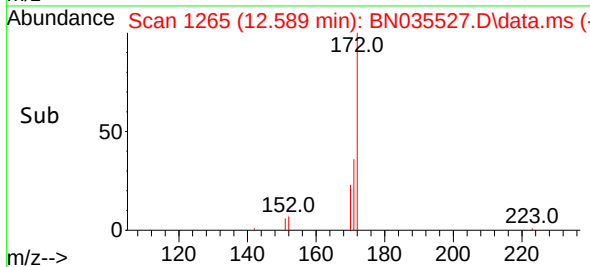
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

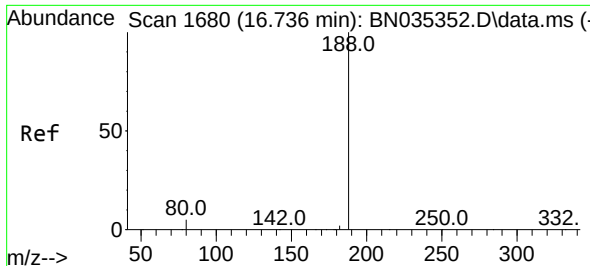


#15
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 12.589 min Scan# 1265
Delta R.T. 0.015 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45



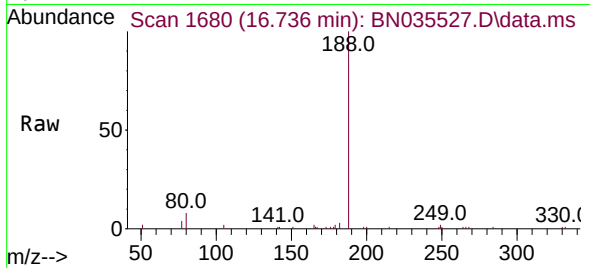
Tgt Ion: 172 Resp: 825
Ion Ratio Lower Upper
172 100
171 47.6 29.0 43.4#
170 37.8 19.8 29.8#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.736 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

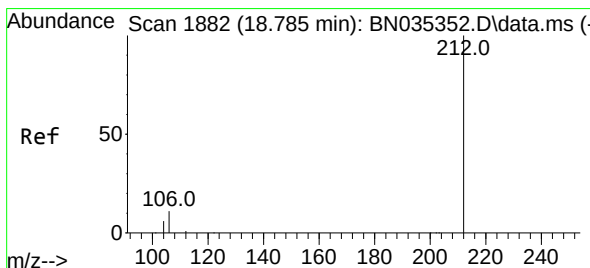
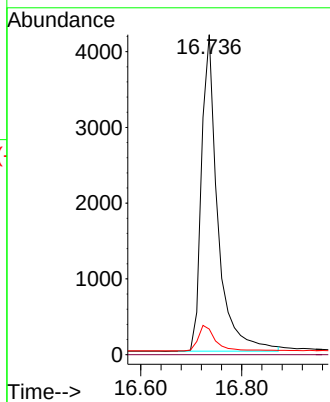
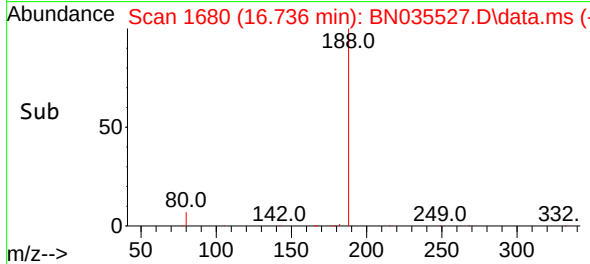
Instrument :
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RW5-SP100-20241206DL



Tgt Ion:188 Resp: 9370
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 4.6 6.8

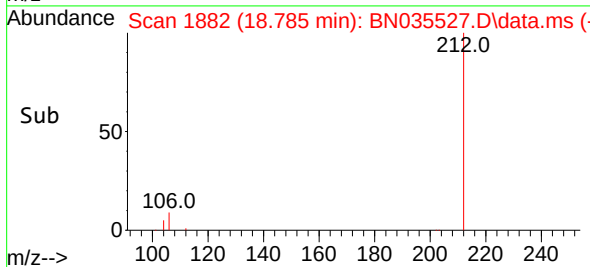
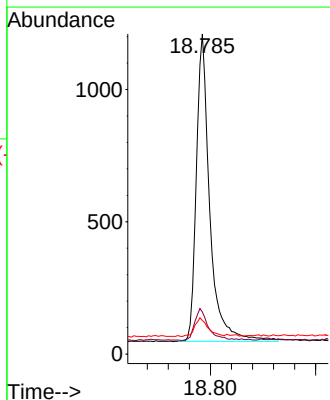
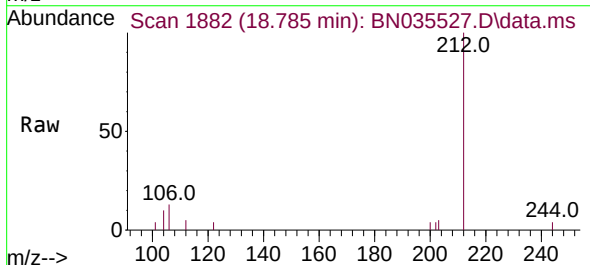
Manual Integrations
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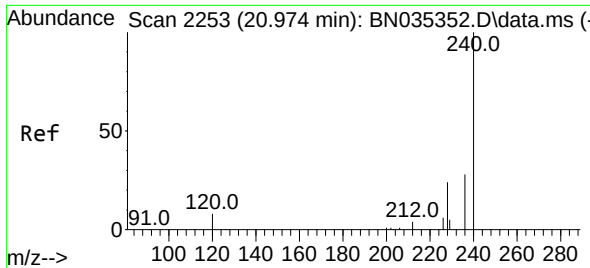
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#27
Fluoranthene-d10
Concen: 0.077 ng
RT: 18.785 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

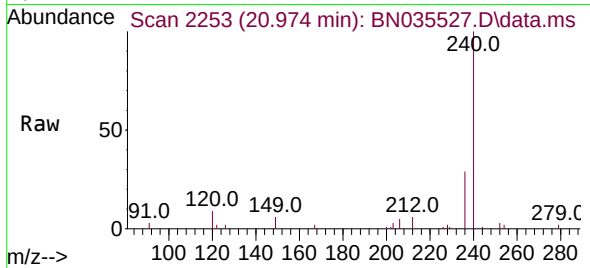
Tgt Ion:212 Resp: 2053
Ion Ratio Lower Upper
212 100
106 10.2 9.2 13.8
104 5.7 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

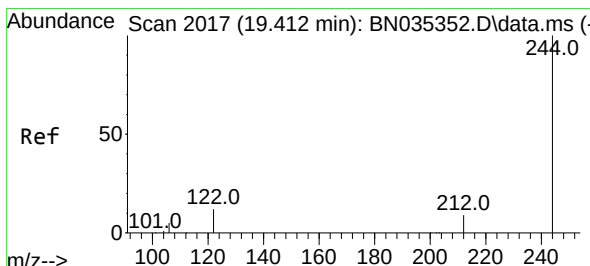
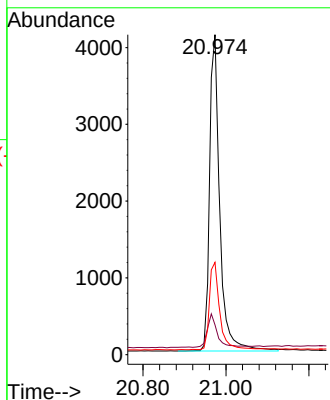
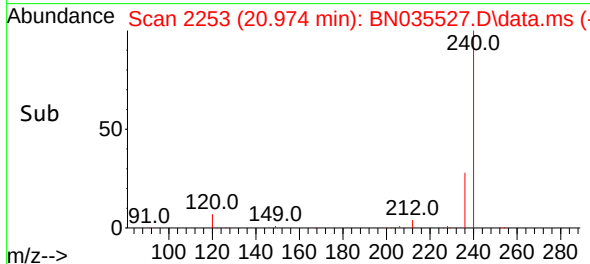
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BNA_N
ClientSampleId :
RW5-SP100-20241206DL



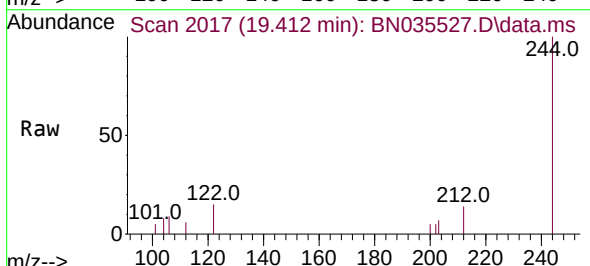
Tgt Ion:240 Resp: 6994
Ion Ratio Lower Upper
240 100
120 9.3 7.9 11.9
236 28.9 22.9 34.3

Manual Integrations
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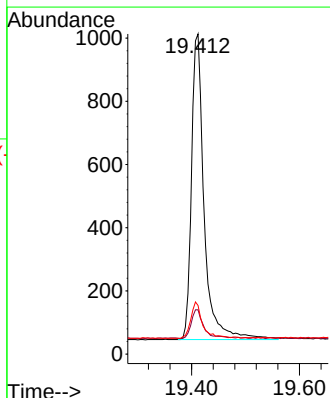
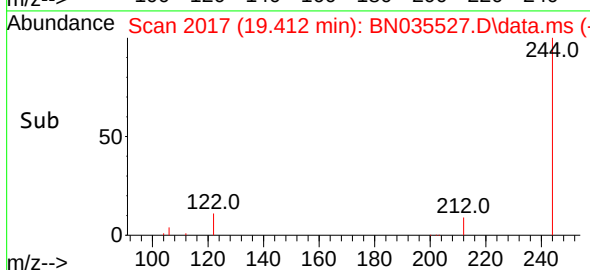
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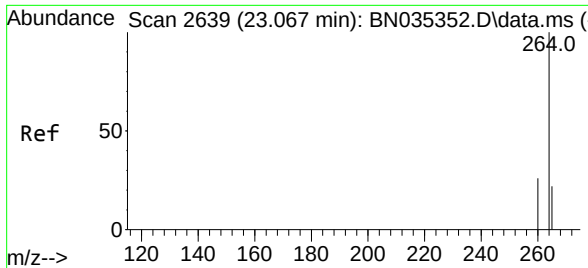


#31
Terphenyl-d14
Concen: 0.114 ng
RT: 19.412 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45



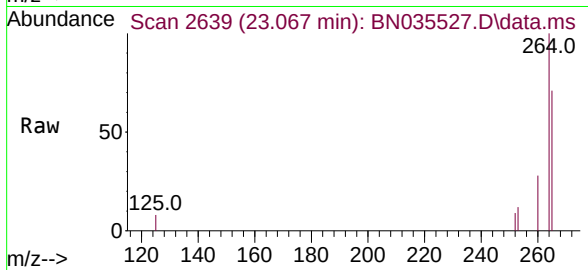
Tgt Ion:244 Resp: 1573
Ion Ratio Lower Upper
244 100
212 13.8 8.1 12.1#
122 15.2 10.3 15.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.067 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035527.D
Acq: 10 Dec 2024 10:45

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206DL



Tgt Ion:264 Resp: 6330
Ion Ratio Lower Upper
264 100
260 28.0 21.4 32.2
265 71.4 40.2 60.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

