

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035744.D
 Acq On : 20 Dec 2024 16:30
 Operator : RC/JU
 Sample : P5317-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20241216

Quant Time: Dec 20 17:13:39 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 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	2824	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7117	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	4879	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	9700	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	7741	0.400	ng	0.00
35) Perylene-d12	23.041	264	8015	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	779	0.110	ng	0.00
5) Phenol-d6	6.491	99	455	0.054	ng	0.00
8) Nitrobenzene-d5	8.418	82	1644m	0.378	ng	0.01
11) 2-Methylnaphthalene-d10	11.626	152	3965	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	660	0.191	ng	0.00
15) 2-Fluorobiphenyl	12.543	172	5706	0.309	ng	0.00
27) Fluoranthene-d10	18.761	212	11285	0.410	ng	0.00
31) Terphenyl-d14	19.388	244	8722	0.571	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	10098	3.740	ng	98
34) Bis(2-ethylhexyl)phtha...	20.902	149	861	0.081	ng	# 95

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

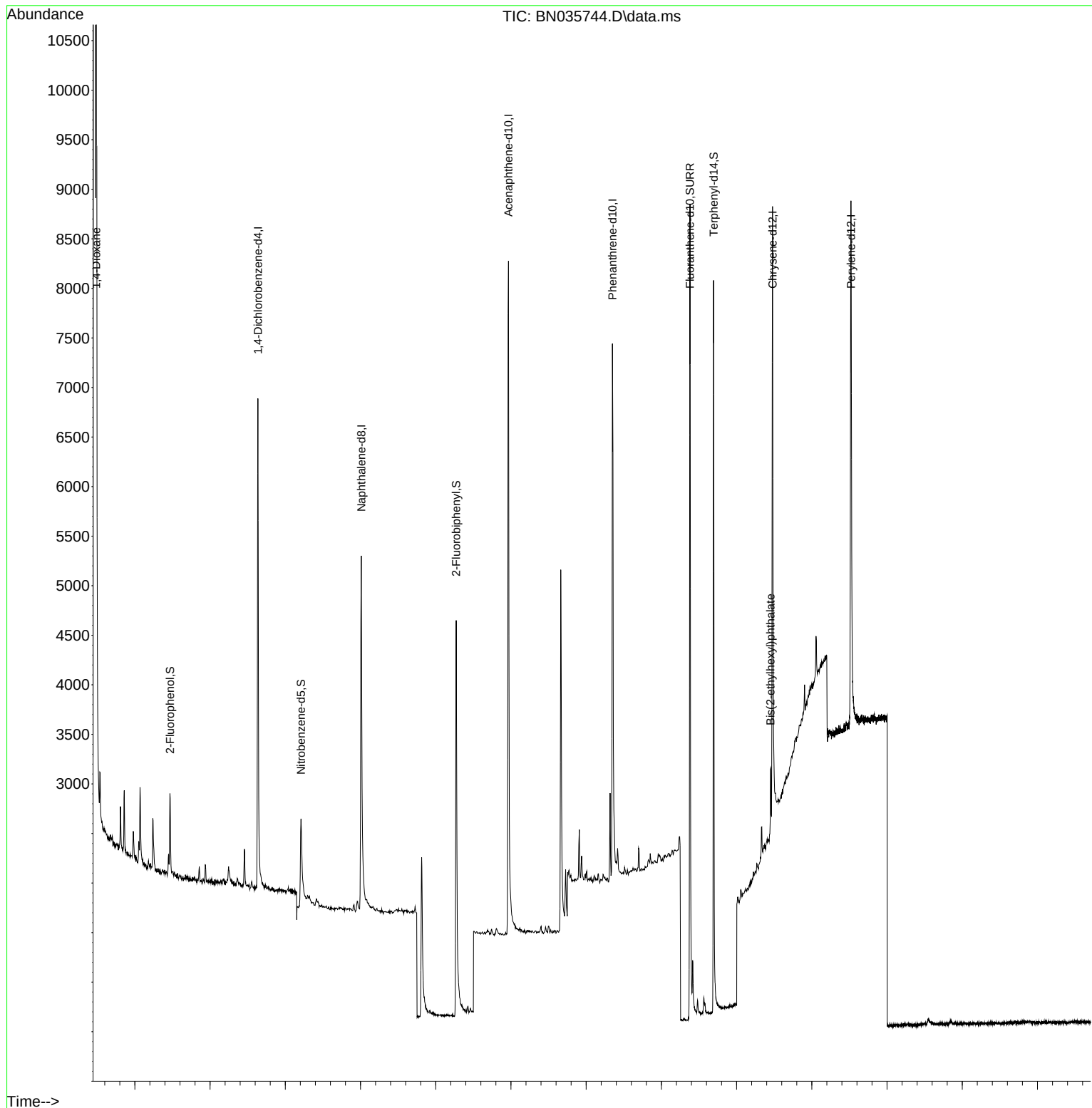
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035744.D
Acq On : 20 Dec 2024 16:30
Operator : RC/JU
Sample : P5317-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

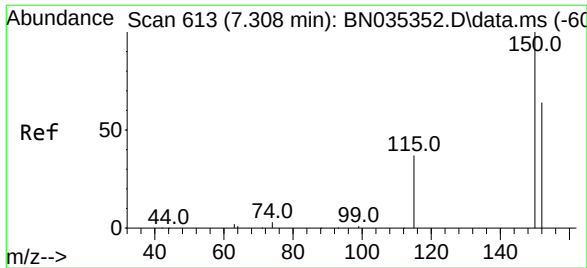
Instrument :
BNA_N
ClientSampleId :
RW4-20241216

Quant Time: Dec 20 17:13:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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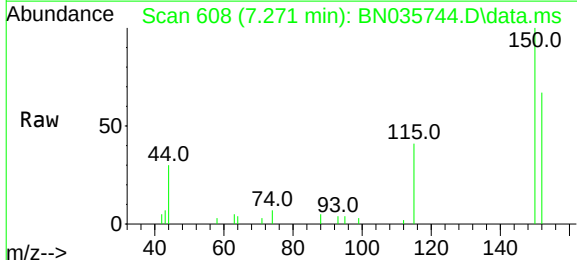
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

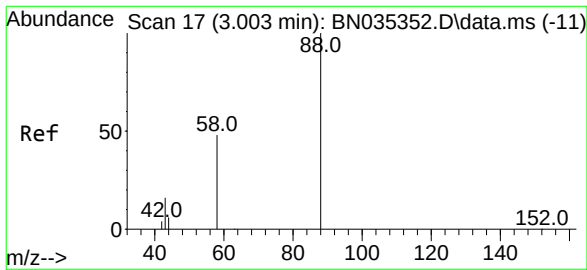
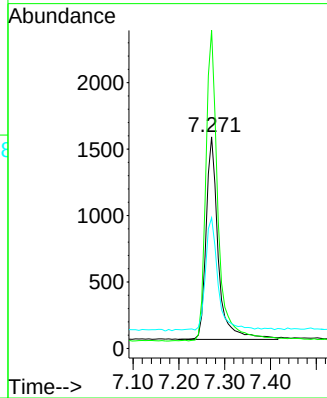
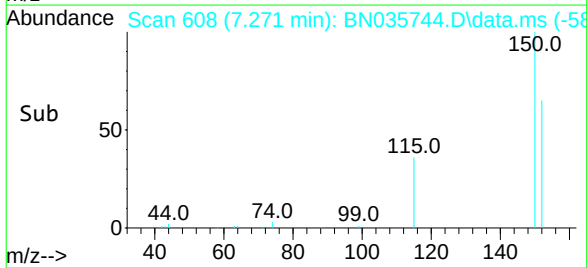
Instrument :
BNA_N
ClientSampleId :
RW4-20241216



Tgt Ion: 152 Resp: 2824
Ion Ratio Lower Upper
152 100
150 150.3 124.0 186.0
115 61.7 49.6 74.4

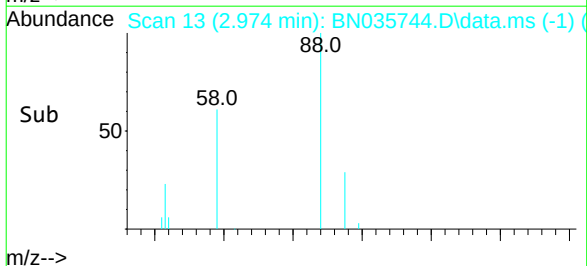
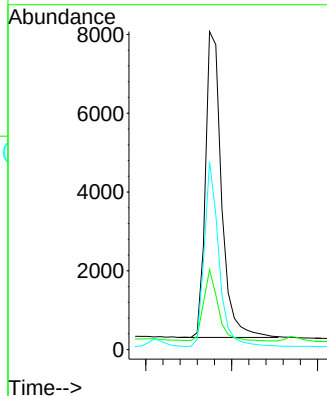
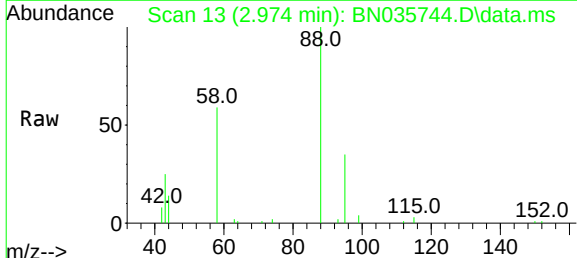
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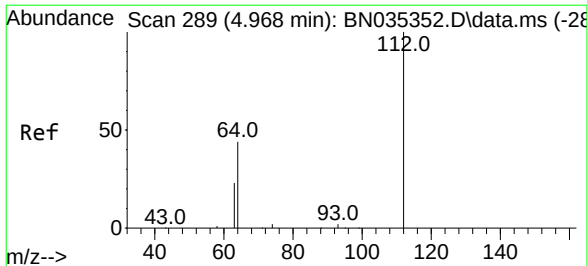
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 3.740 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

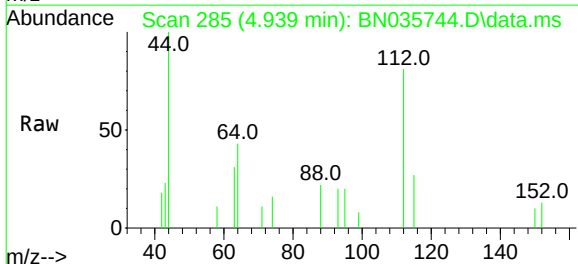
Tgt Ion: 88 Resp: 10098
Ion Ratio Lower Upper
88 100
43 20.8 17.2 25.8
58 54.5 44.5 66.7





#4
2-Fluorophenol
Concen: 0.110 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

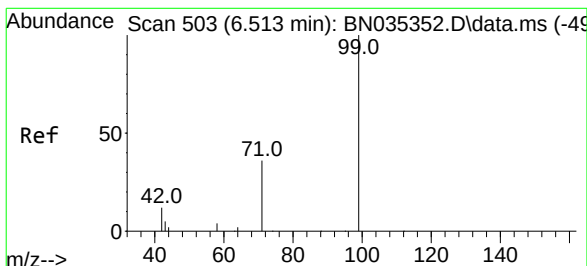
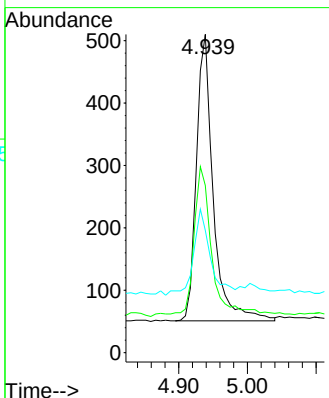
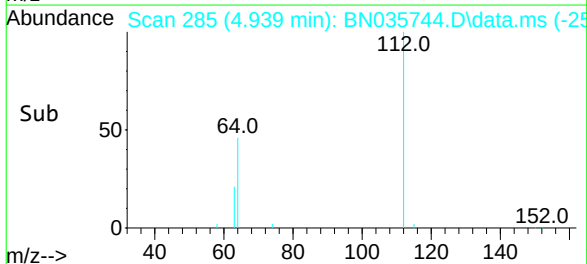
Instrument :
BNA_N
ClientSampleId :
RW4-20241216



Tgt Ion:	112	Resp:	779
Ion	Ratio	Lower	Upper
112	100		
64	54.4	39.8	59.8
63	30.0	21.0	31.6

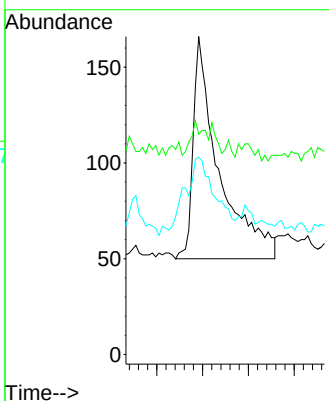
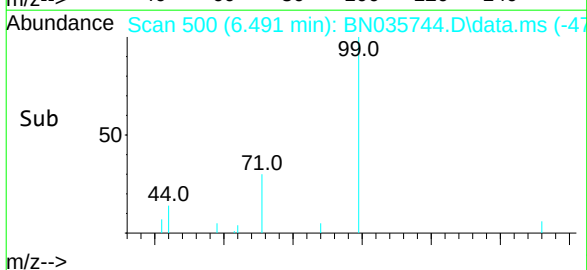
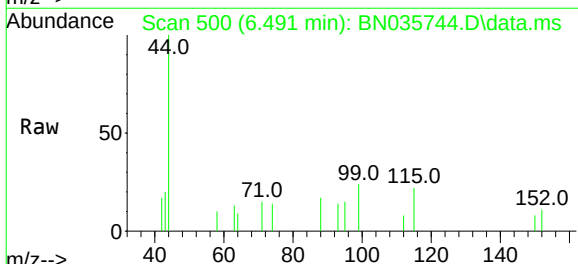
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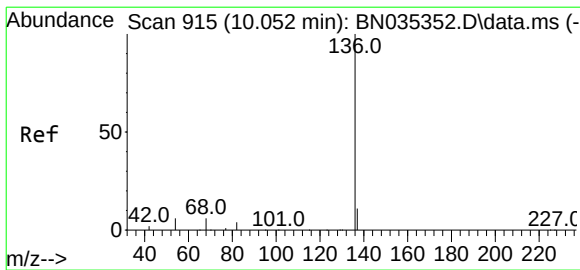
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.491 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

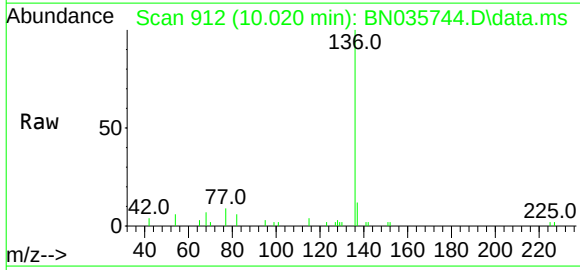
Tgt Ion:	99	Resp:	455
Ion	Ratio	Lower	Upper
99	100		
42	9.2	11.4	17.2#
71	42.9	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

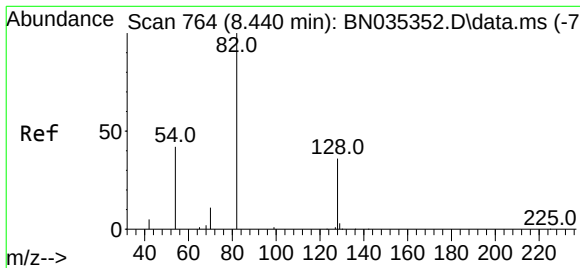
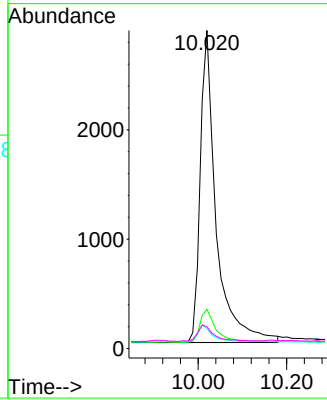
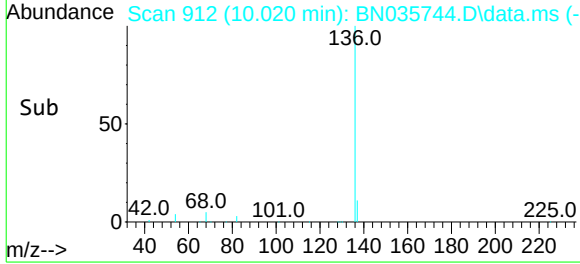
Instrument :
BNA_N
ClientSampleId :
RW4-20241216



Tgt Ion:	136	Resp:	7117
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	6.3	6.1	9.1
68	6.8	6.4	9.6

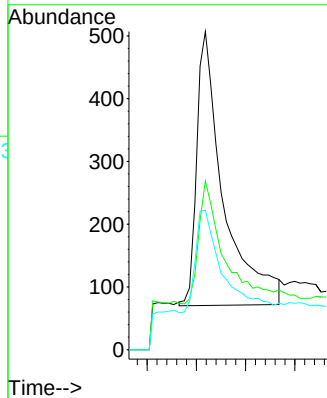
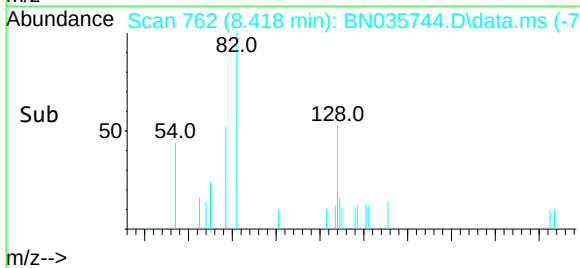
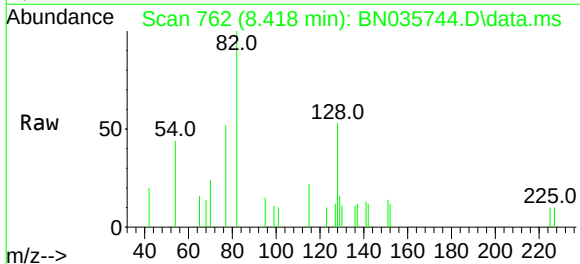
Manual Integrations
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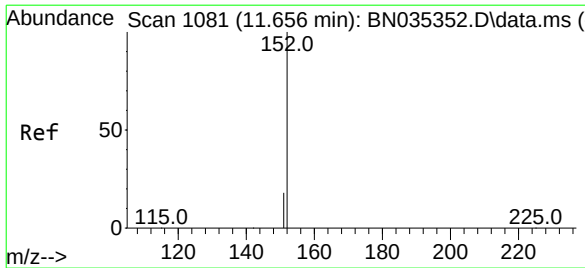
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.378 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

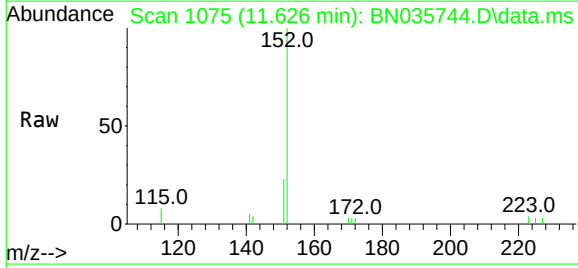
Tgt Ion:	82	Resp:	1644
Ion	Ratio	Lower	Upper
82	100		
128	53.1	33.4	50.0#
54	43.8	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 11.626 min Scan# 1081
Delta R.T. 0.005 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

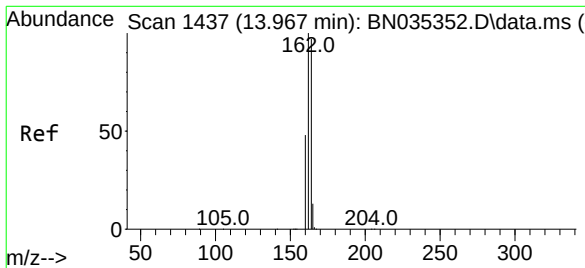
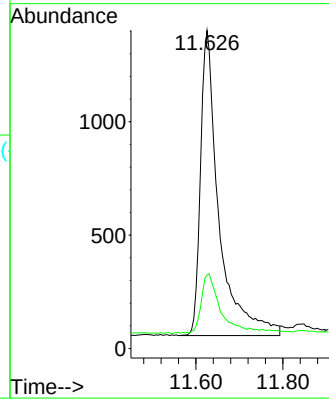
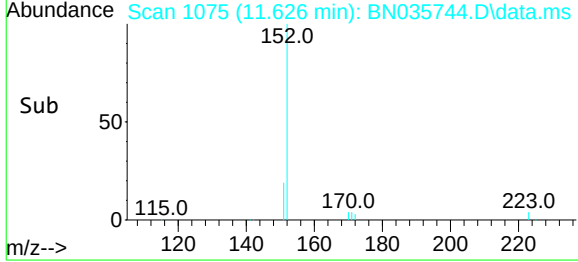
Instrument :
BNA_N
ClientSampleId :
RW4-20241216



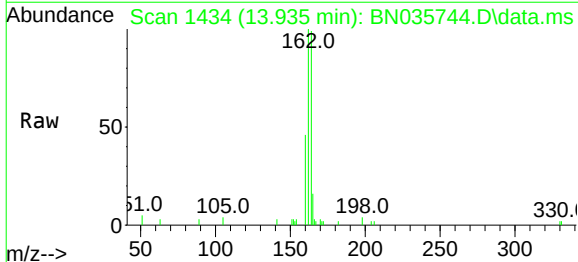
Tgt Ion:152 Resp: 3965
Ion Ratio Lower Upper
152 100
151 19.3 16.6 25.0

Manual Integrations
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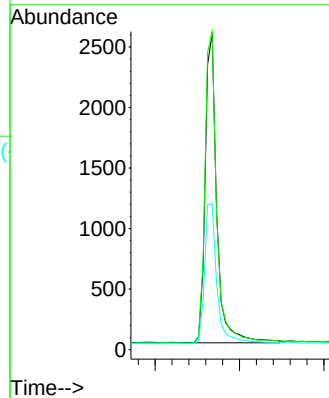
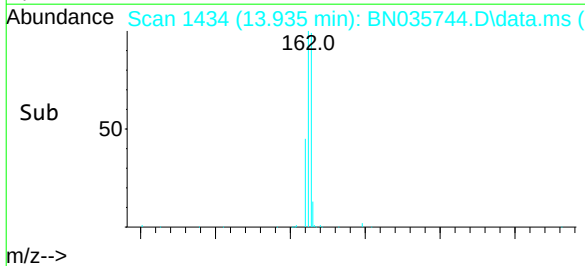
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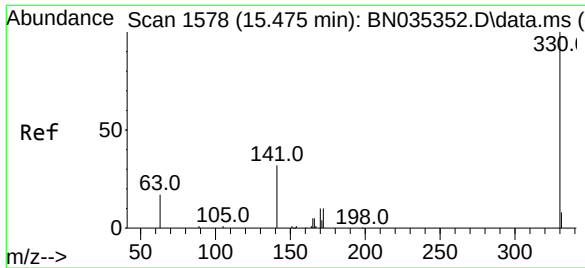


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30



Tgt Ion:164 Resp: 4879
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 46.2 40.1 60.1





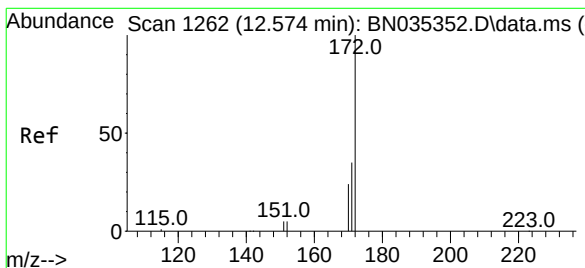
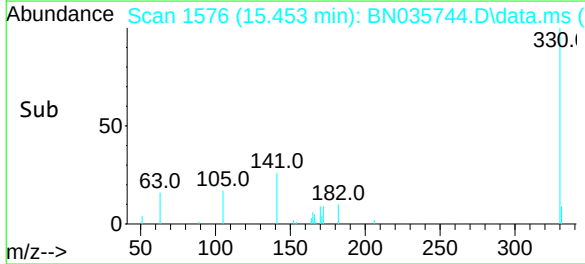
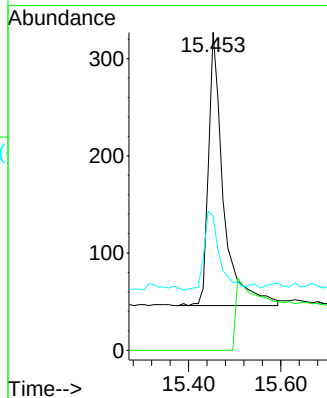
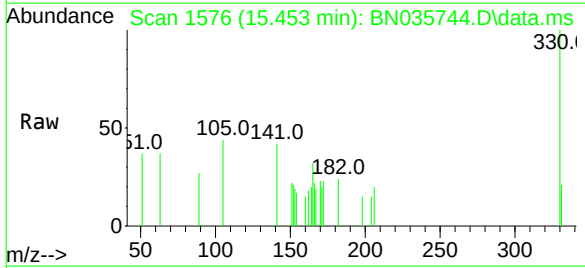
#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.453 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

Instrument :
BNA_N
ClientSampleId :
RW4-20241216

Tgt Ion:	330	Resp:	660
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	29.4	26.6	40.0

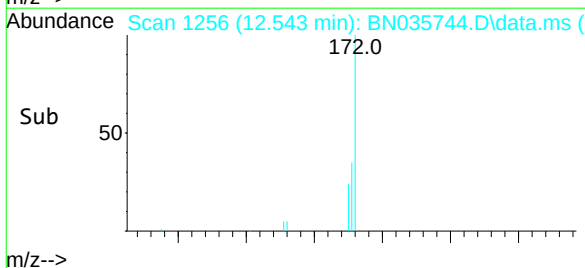
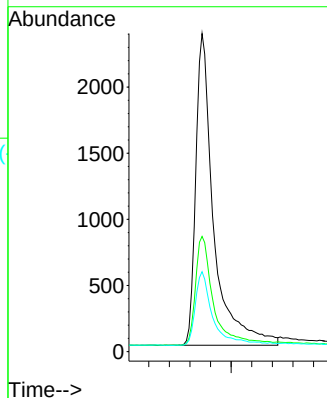
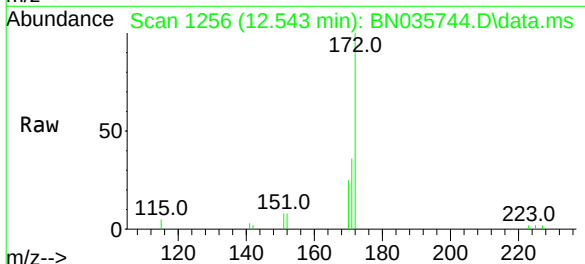
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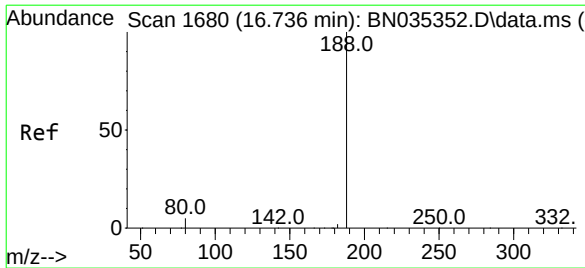
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.543 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

Tgt Ion:	172	Resp:	5706
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.4
170	25.1	19.8	29.8





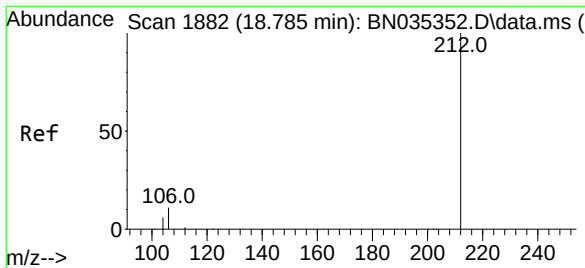
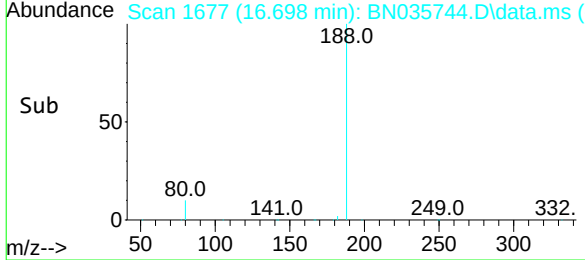
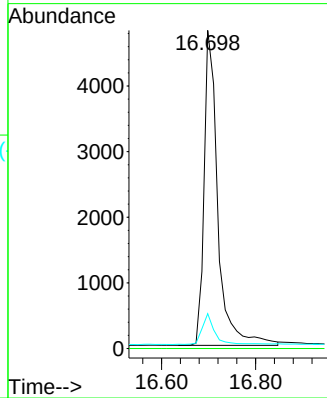
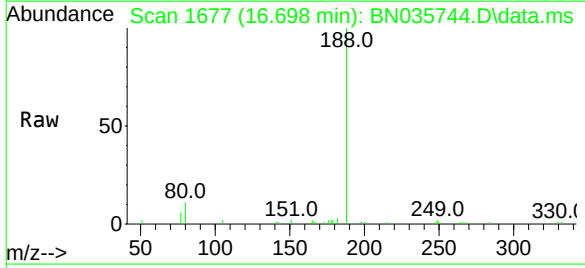
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

Instrument :
BNA_N
ClientSampleId :
RW4-20241216

Tgt Ion:188 Resp: 9700
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 4.6 6.8#

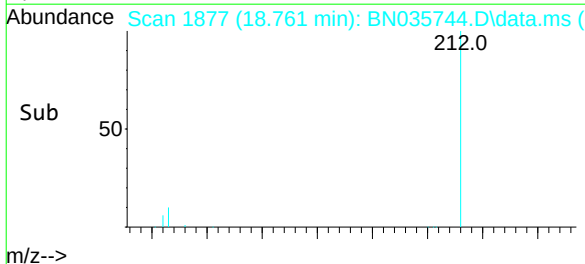
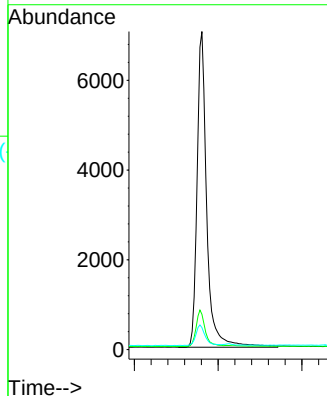
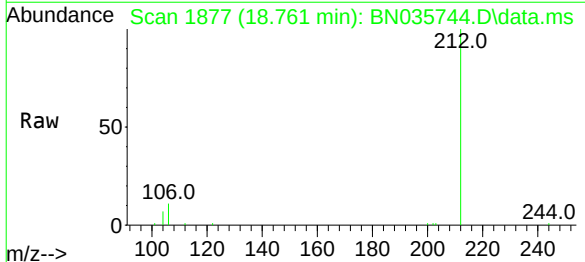
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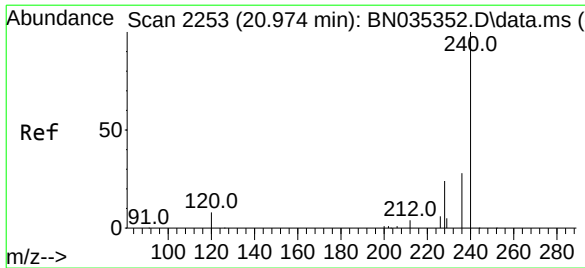
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

Tgt Ion:212 Resp: 11285
Ion Ratio Lower Upper
212 100
106 10.8 9.2 13.8
104 6.2 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.956 min Scan# 2253

Delta R.T. -0.000 min

Lab File: BN035744.D

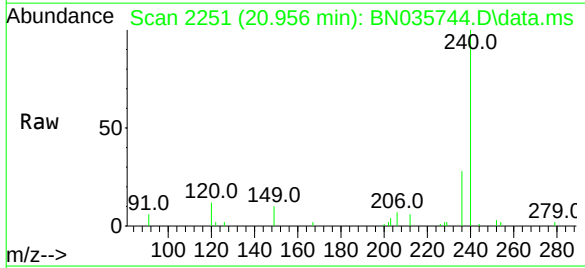
Acq: 20 Dec 2024 16:30

Instrument :

BNA_N

ClientSampleId :

RW4-20241216



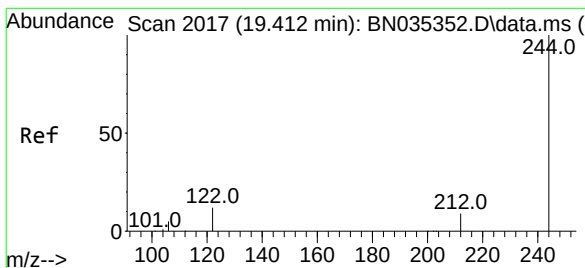
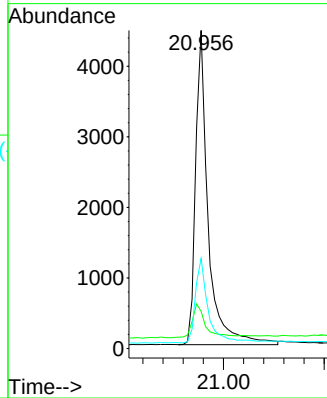
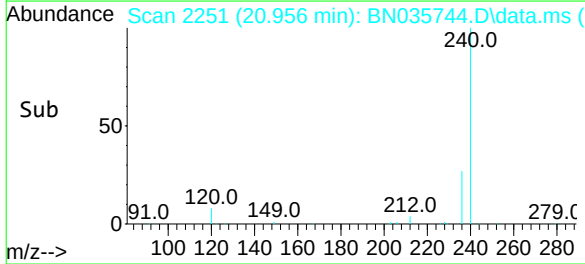
Tgt	Ion:240	Resp:	7741
Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.9	11.9
236	28.3	22.9	34.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#31

Terphenyl-d14

Concen: 0.571 ng

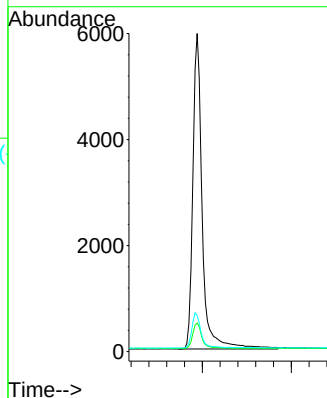
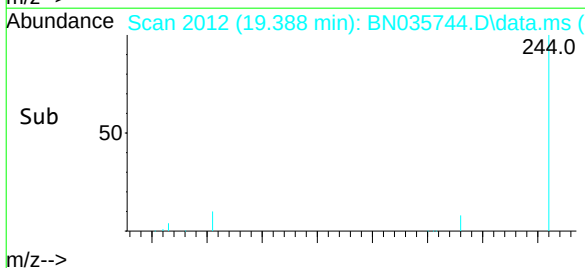
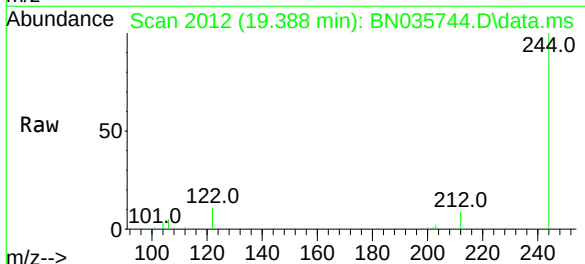
RT: 19.388 min Scan# 2012

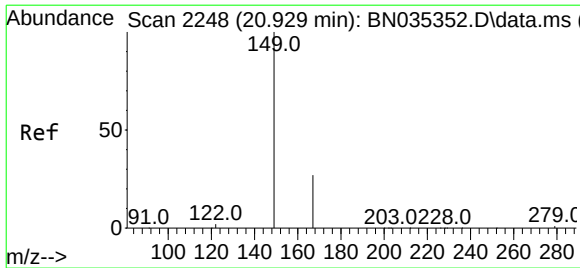
Delta R.T. -0.000 min

Lab File: BN035744.D

Acq: 20 Dec 2024 16:30

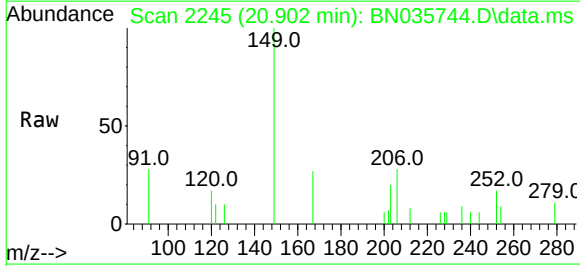
Tgt	Ion:244	Resp:	8722
Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.1	12.1
122	11.3	10.3	15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 20.902 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30

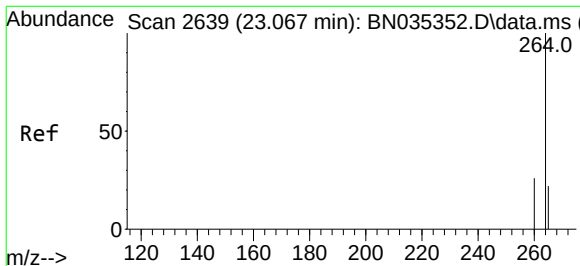
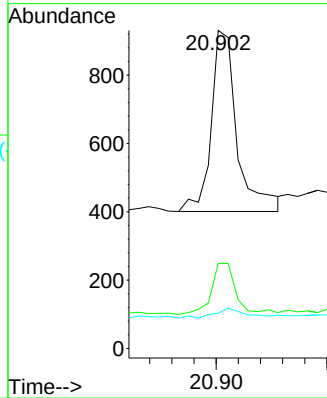
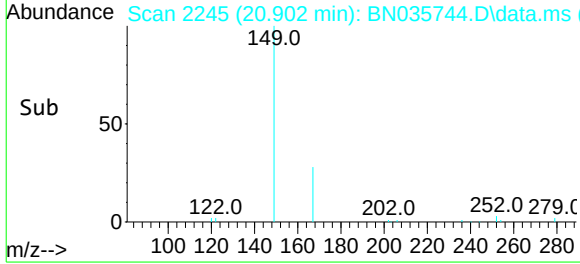
Instrument :
BNA_N
ClientSampleId :
RW4-20241216



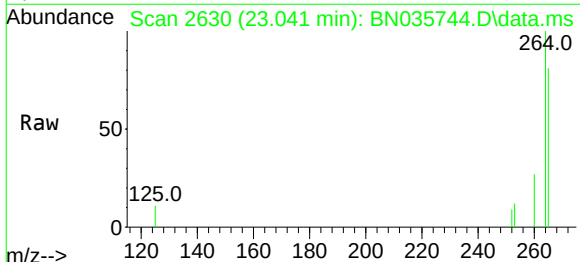
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.2	33.4
279	6.4	2.7	4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.041 min Scan# 2630
Delta R.T. -0.000 min
Lab File: BN035744.D
Acq: 20 Dec 2024 16:30



Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	81.2	40.2	60.4

