

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035741.D
 Acq On : 20 Dec 2024 14:41
 Operator : RC/JU
 Sample : P5261-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-02-20241210

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 17:12:51 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3123	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8011	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	5188	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	9843	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8577	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	8598	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	917	0.117	ng	0.00
5) Phenol-d6	6.492	99	485	0.052	ng	0.00
8) Nitrobenzene-d5	8.418	82	1874m	0.383	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	4660	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.464	330	665	0.181	ng	0.01
15) 2-Fluorobiphenyl	12.544	172	6801	0.347	ng	0.00
27) Fluoranthene-d10	18.761	212	11511	0.413	ng	0.00
31) Terphenyl-d14	19.388	244	9778	0.578	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	290	0.097	ng	# 78
34) Bis(2-ethylhexyl)phtha...	20.911	149	775	0.065	ng	# 94

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

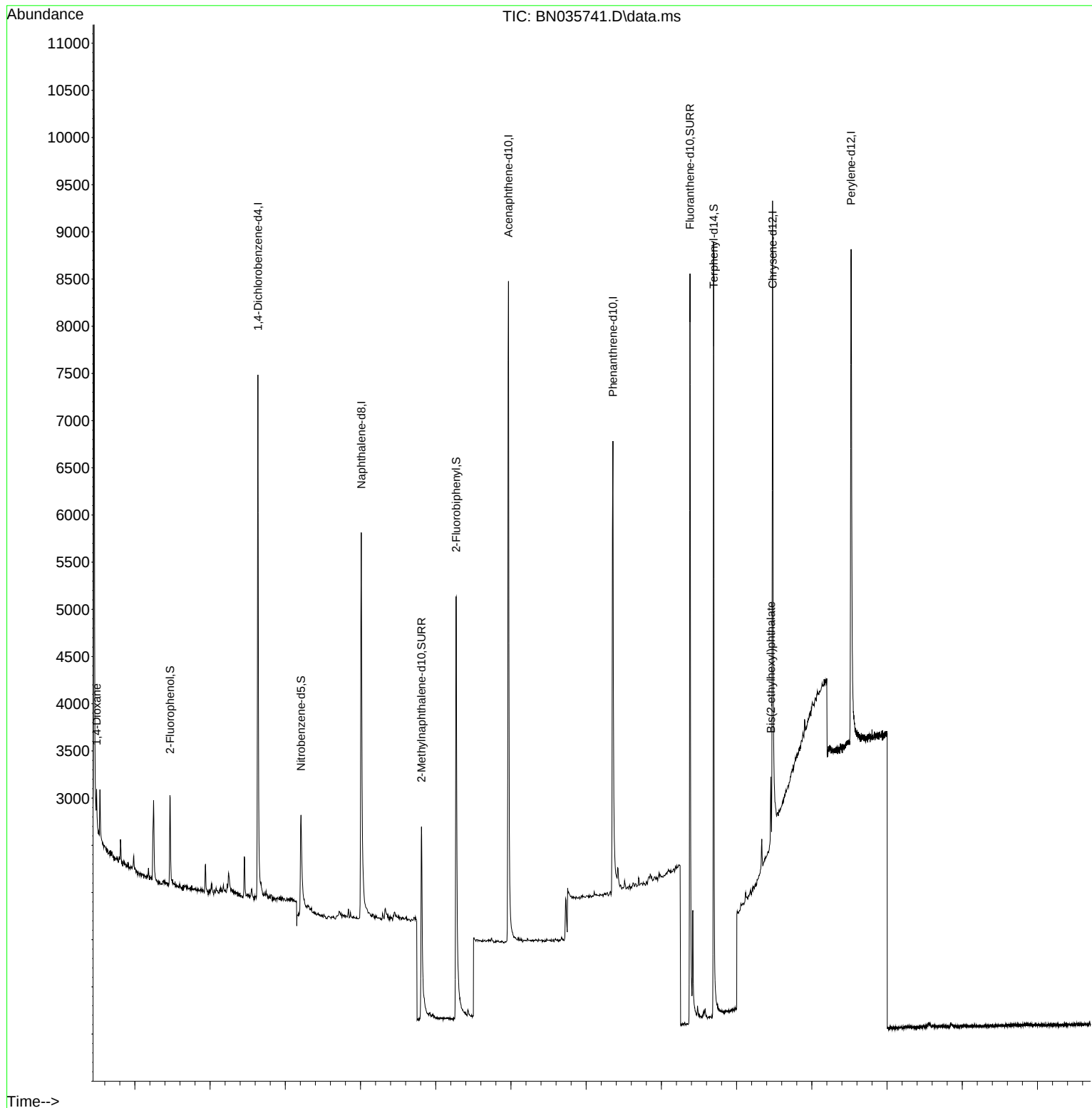
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035741.D
Acq On : 20 Dec 2024 14:41
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Sample : P5261-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

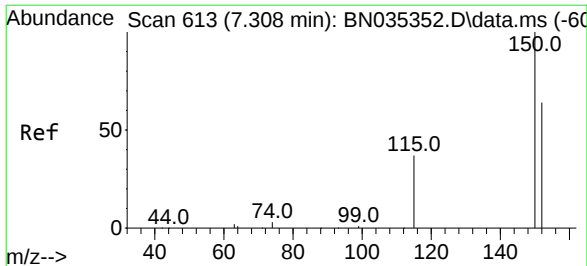
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210

Quant Time: Dec 20 17:12:51 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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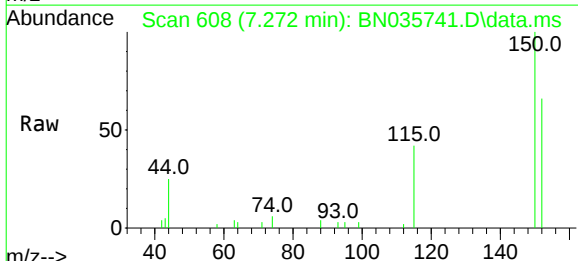
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

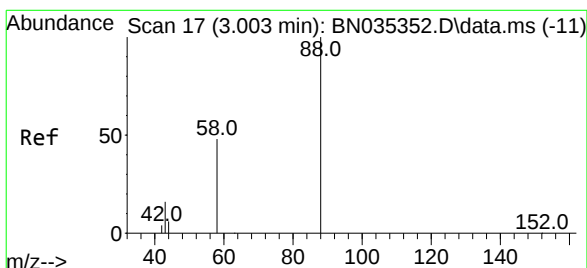
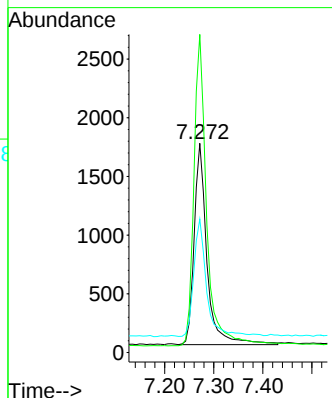
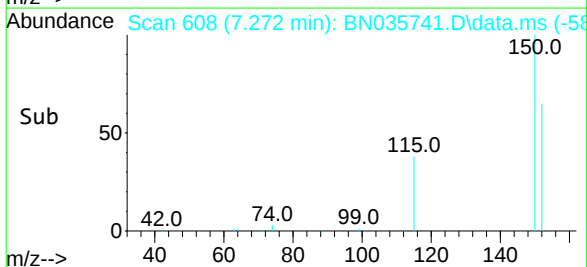
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210



Tgt Ion: 152 Resp: 3123
Ion Ratio Lower Upper
152 100
150 152.1 124.0 186.0
115 63.8 49.6 74.4

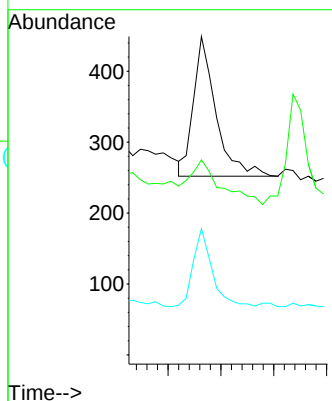
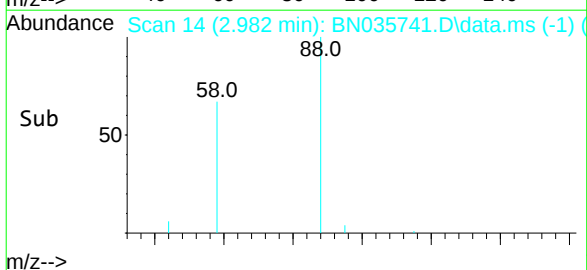
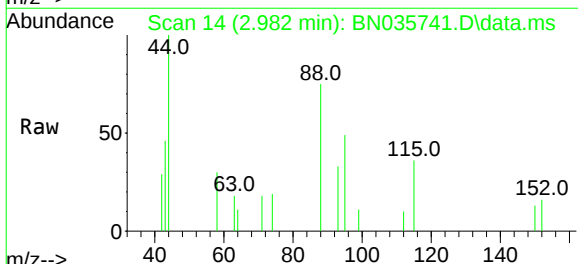
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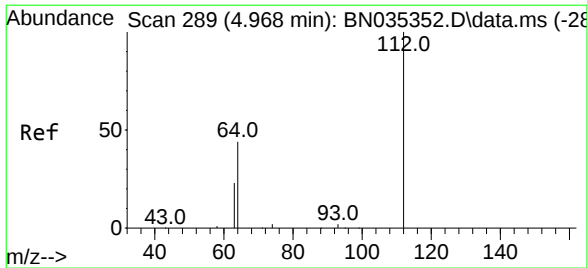
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 0.097 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
43 44.5 17.2 25.8#
58 47.2 44.5 66.7





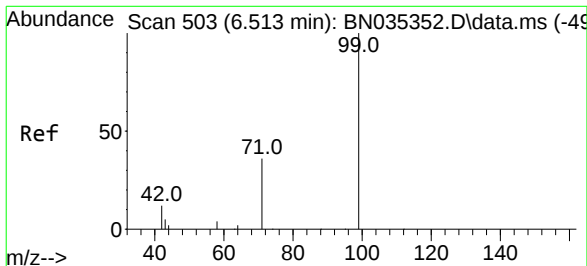
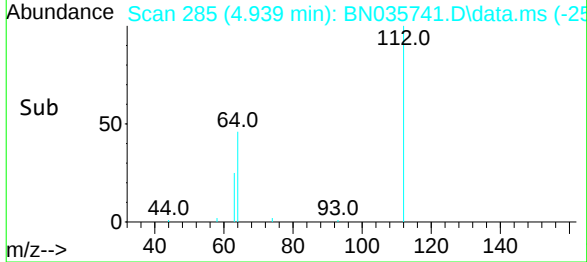
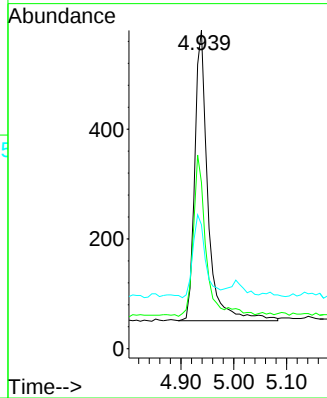
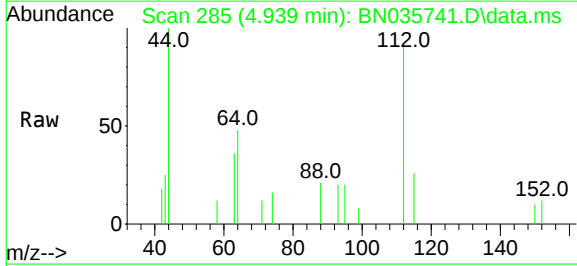
#4
2-Fluorophenol
Concen: 0.117 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210

Tgt Ion:	112	Resp:	917
Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.8	59.8
63	27.5	21.0	31.6

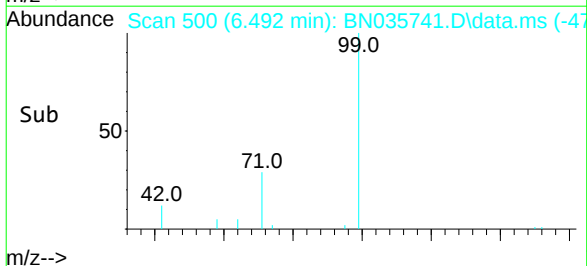
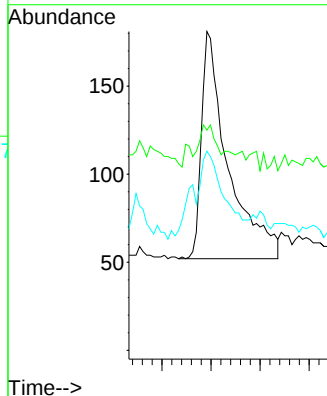
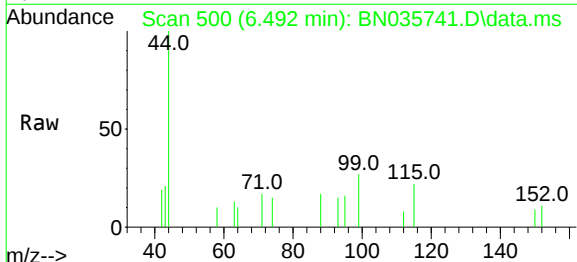
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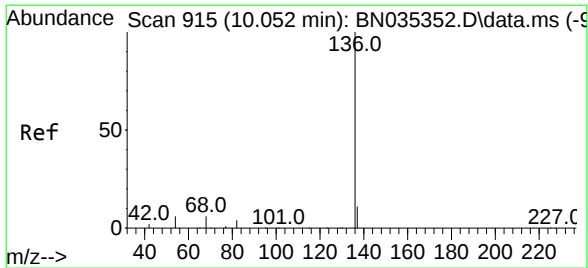
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

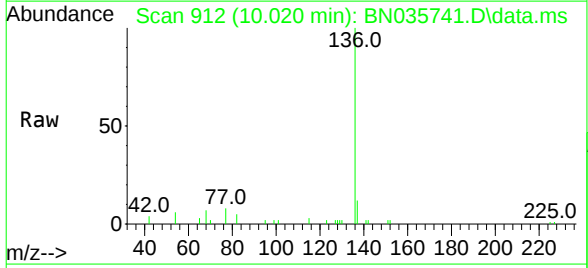
Tgt Ion:	99	Resp:	485
Ion	Ratio	Lower	Upper
99	100		
42	9.1	11.4	17.2#
71	28.5	29.3	43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

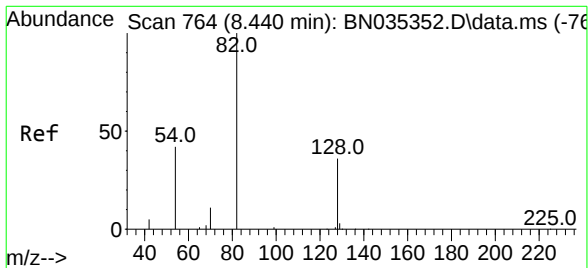
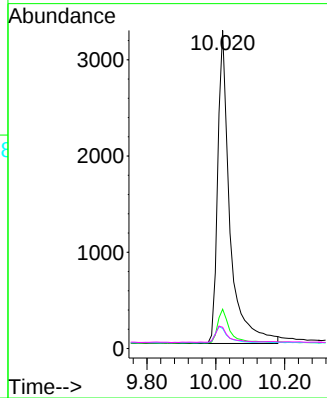
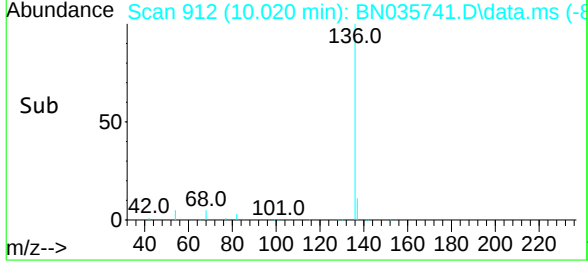
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210



Tgt Ion:	136	Resp:	8011
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	6.3	6.1	9.1
68	6.7	6.4	9.6

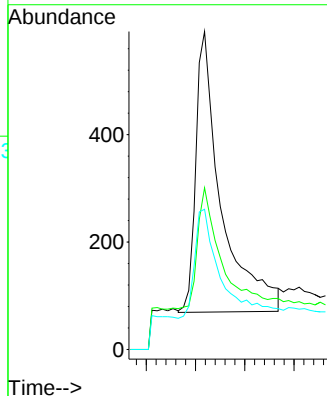
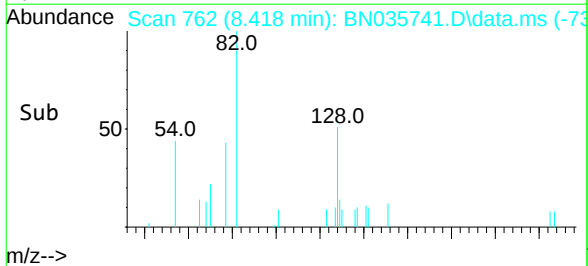
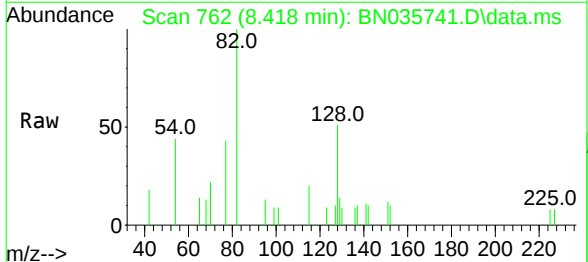
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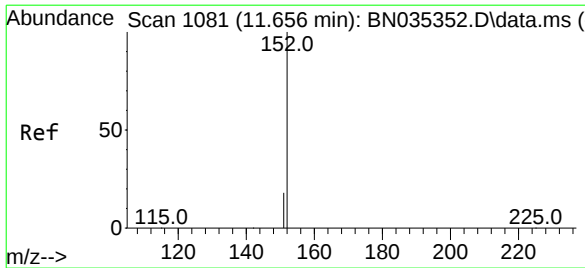
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.383 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

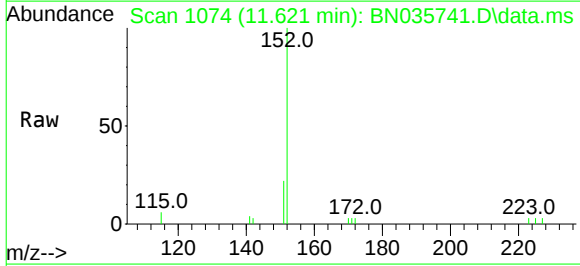
Tgt Ion:	82	Resp:	1874
Ion	Ratio	Lower	Upper
82	100		
128	50.8	33.4	50.0#
54	44.1	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

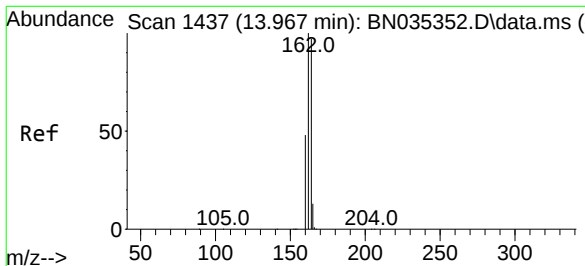
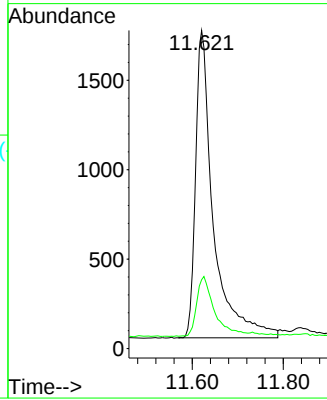
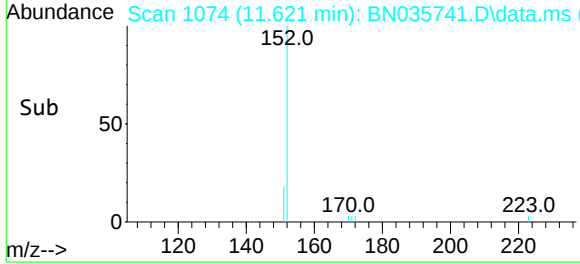
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210



Tgt Ion:152 Resp: 4660
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0

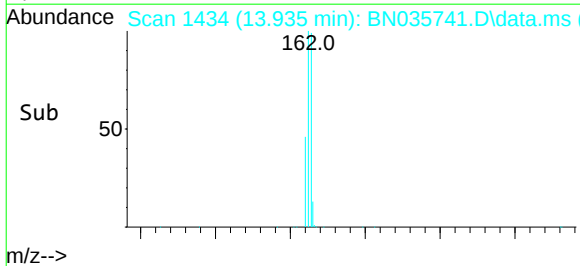
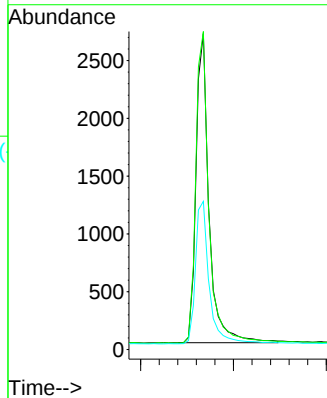
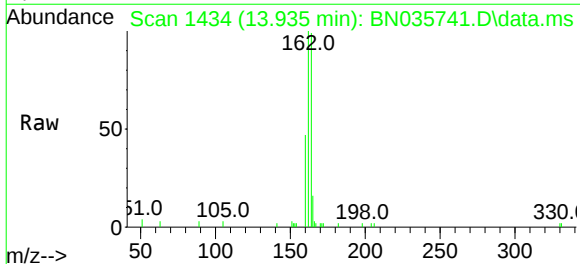
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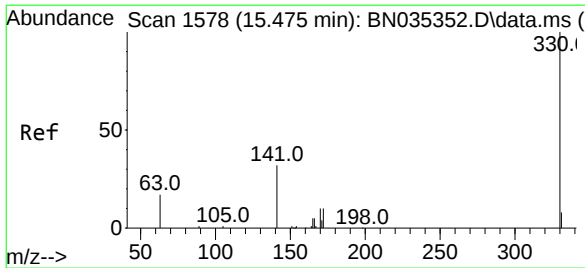
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

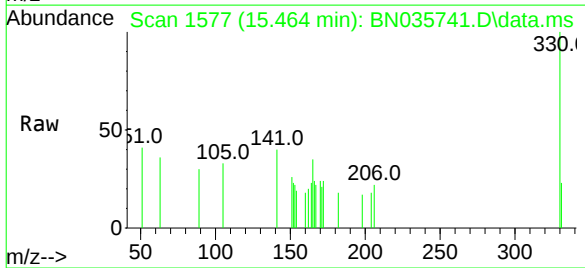
Tgt Ion:164 Resp: 5188
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 46.9 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.464 min Scan# 15
Delta R.T. 0.011 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

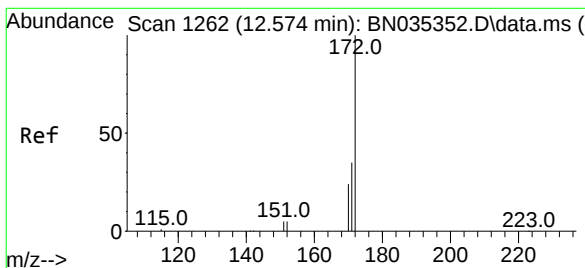
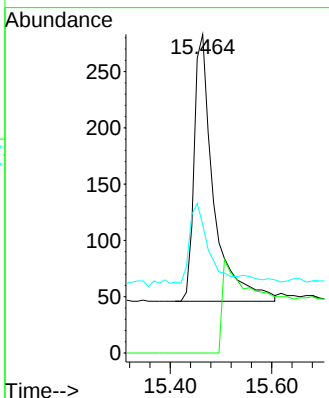
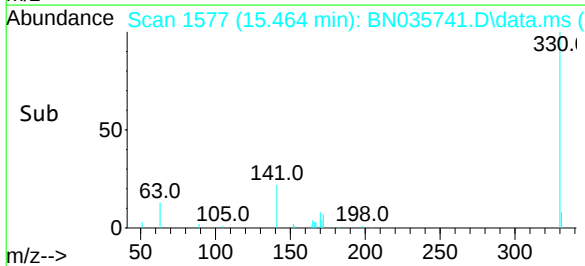
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210



Tgt Ion: 330 Resp: 665
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.8 26.6 40.0

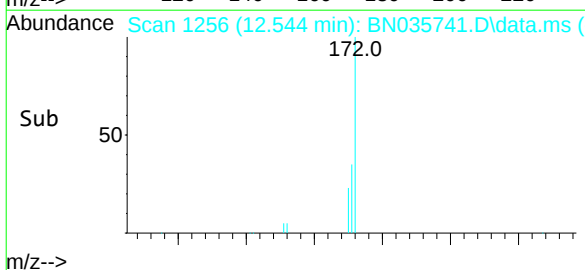
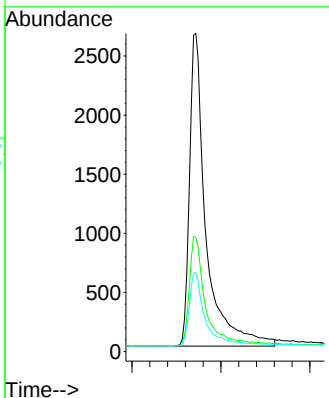
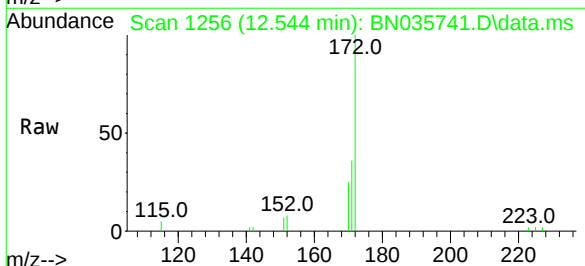
Manual Integrations
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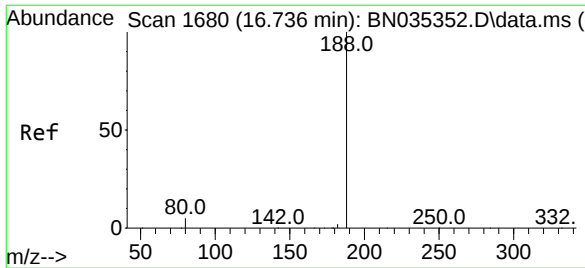
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion: 172 Resp: 6801
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.8 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 16

Delta R.T. 0.012 min

Lab File: BN035741.D

Acq: 20 Dec 2024 14:41

Instrument :

BNA_N

ClientSampleId :

DUP-02-20241210

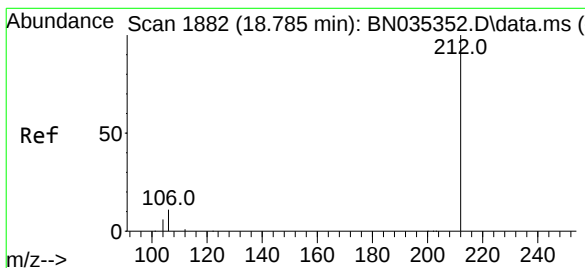
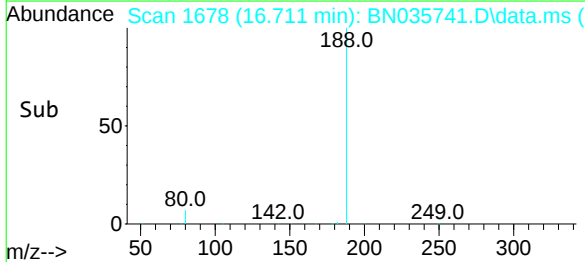
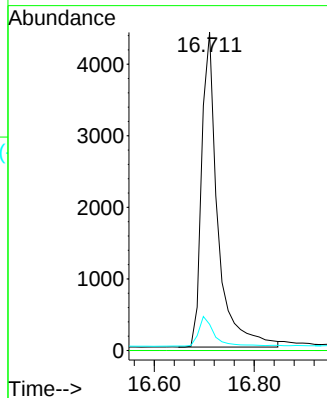
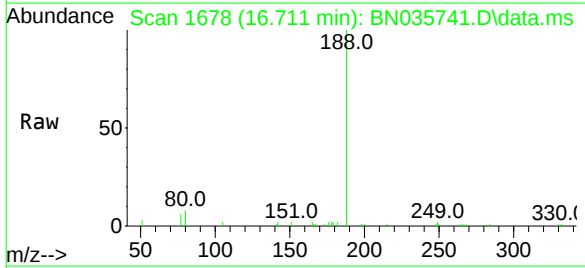
Tgt Ion:	188	Resp:	9843
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	4.6	6.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.413 ng

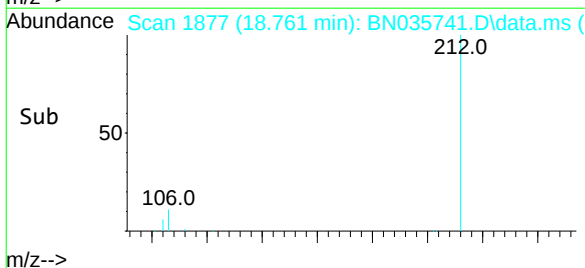
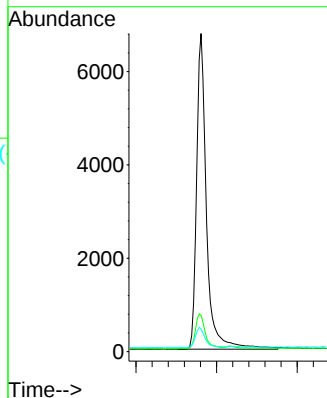
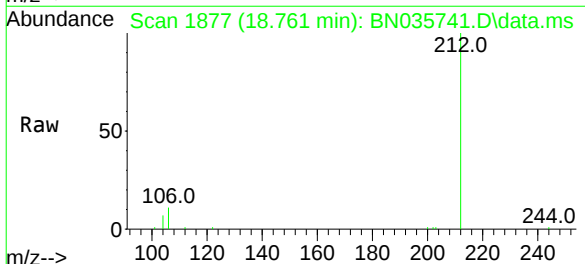
RT: 18.761 min Scan# 1877

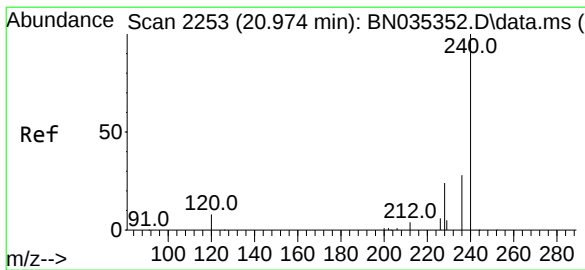
Delta R.T. -0.000 min

Lab File: BN035741.D

Acq: 20 Dec 2024 14:41

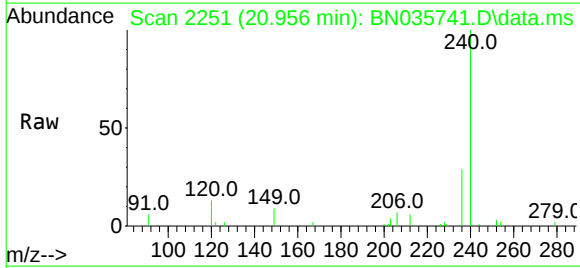
Tgt Ion:	212	Resp:	11511
Ion Ratio	Lower	Upper	
212	100		
106	10.8	9.2	13.8
104	6.1	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

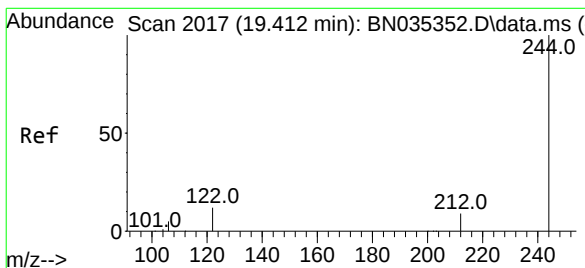
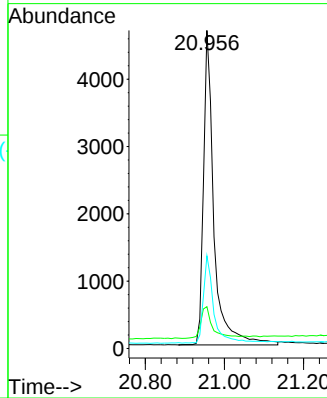
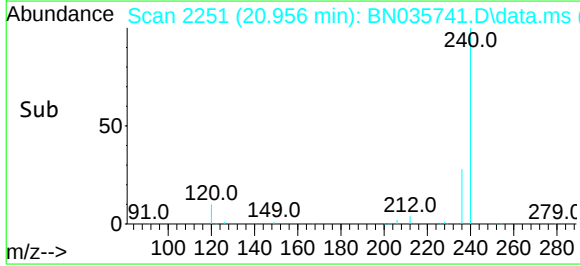
Instrument :
BNA_N
ClientSampleId :
DUP-02-20241210



Tgt Ion:240 Resp: 8577
Ion Ratio Lower Upper
240 100
120 13.1 7.9 11.9#
236 29.1 22.9 34.3

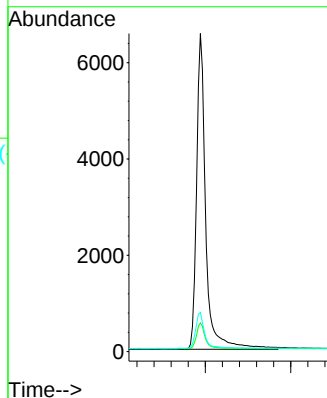
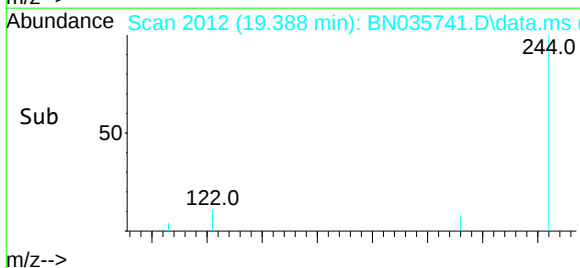
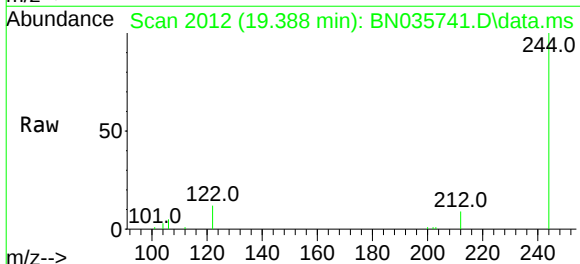
Manual Integrations
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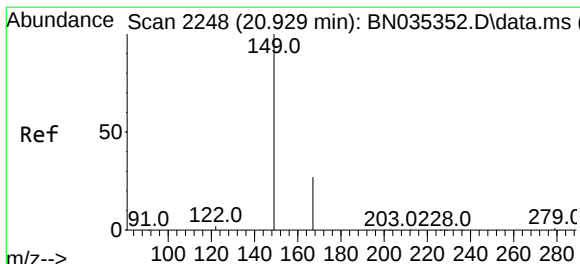
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.578 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion:244 Resp: 9778
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 12.3 10.3 15.5





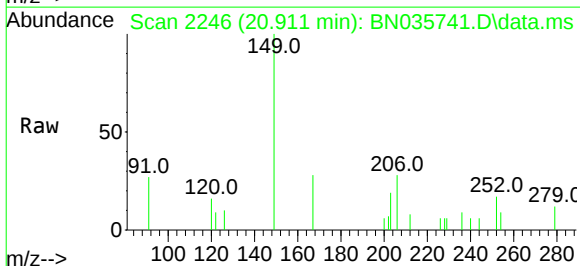
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 20.911 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Instrument :

BNA_N

ClientSampleId :

DUP-02-20241210



Tgt Ion: 149 Resp: 775

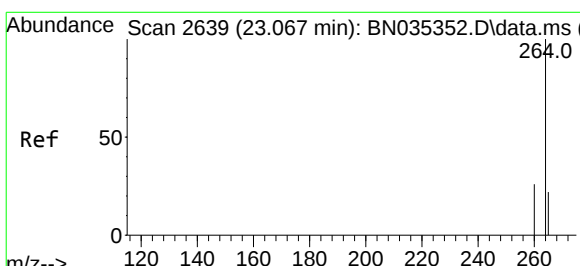
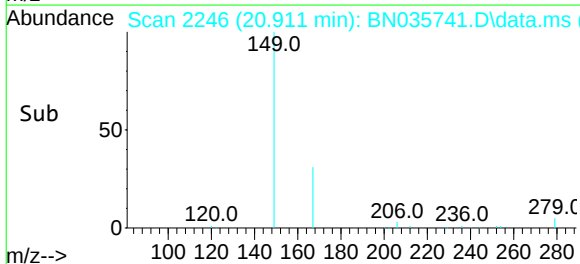
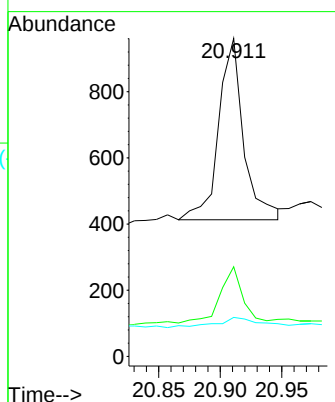
Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.2	33.4
279	10.3	2.7	4.1

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: 23.044 min Scan# 2631
Delta R.T. 0.003 min
Lab File: BN035741.D
Acq: 20 Dec 2024 14:41

Tgt Ion: 264 Resp: 8598

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	82.6	40.2	60.4

