

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035856.D
 Acq On : 26 Dec 2024 16:42
 Operator : RC/JU
 Sample : P5281-07DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20241213DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:41:50 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	7.257	152	3270	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	7531	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	4933	0.400	ng	-0.02
19) Phenanthrene-d10	16.686	188	10717	0.400	ng	#-0.01
29) Chrysene-d12	20.947	240	7941	0.400	ng	0.00
35) Perylene-d12	23.027	264	7194	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.925	112	633	0.077	ng	-0.01
5) Phenol-d6	6.477	99	378	0.038	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1288m	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	2517	0.214	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	521	0.149	ng	-0.01
15) 2-Fluorobiphenyl	12.529	172	3977	0.213	ng	-0.02
27) Fluoranthene-d10	18.748	212	8393	0.276	ng	-0.01
31) Terphenyl-d14	19.375	244	6181	0.395	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.975	88	11206	3.585	ng	100
34) Bis(2-ethylhexyl)phtha...	20.893	149	1034	0.094	ng	# 98

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

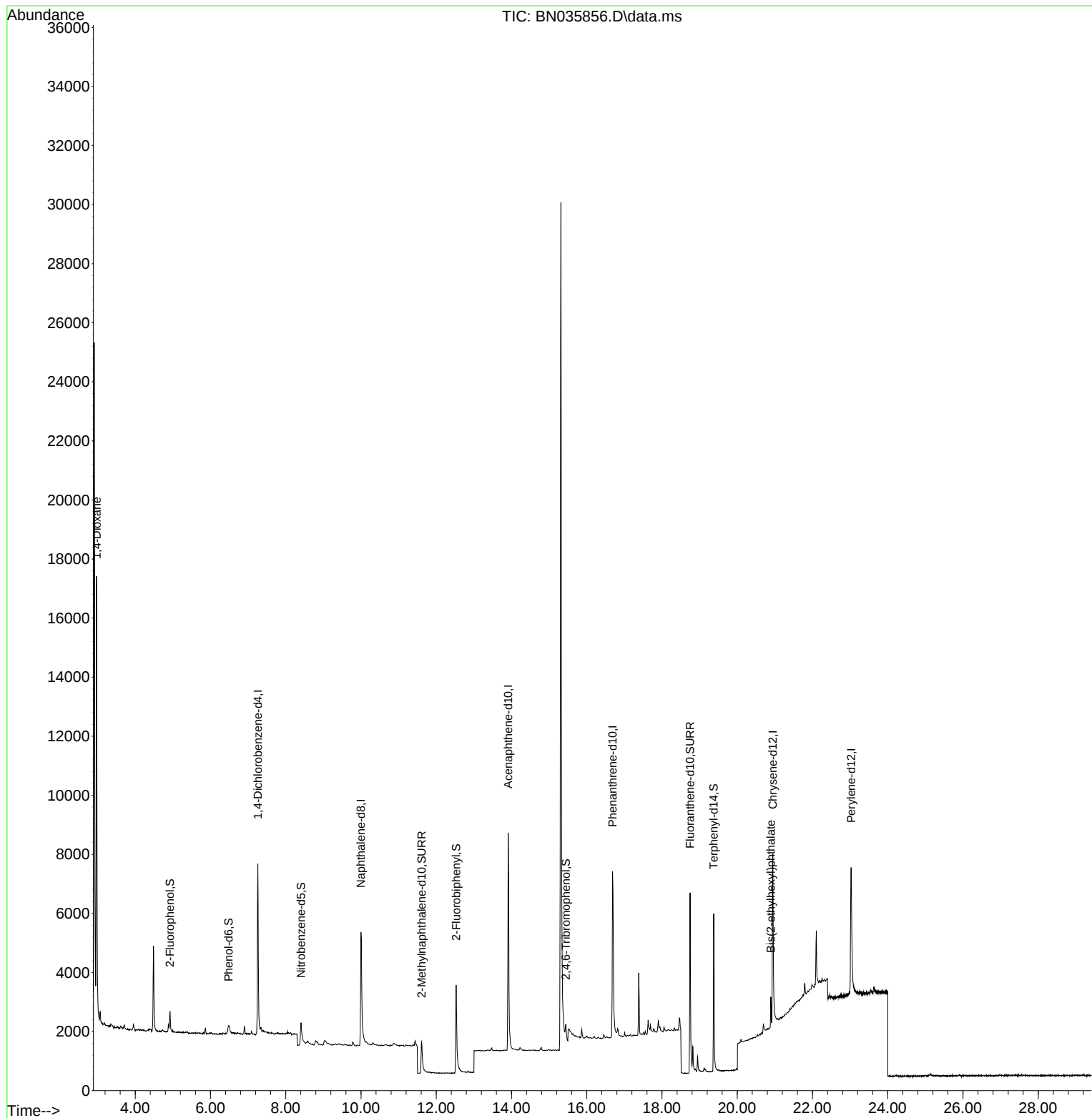
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
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ALS Vial : 13 Sample Multiplier: 1

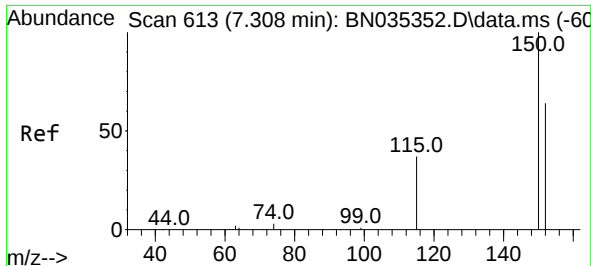
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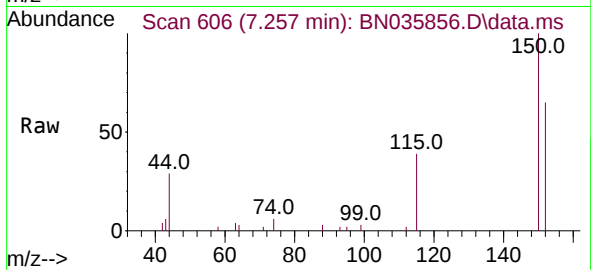
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035856.D
 Acq: 26 Dec 2024 16:42

Instrument :

BNA_N

ClientSampleId :

TT189D2-20241213DL



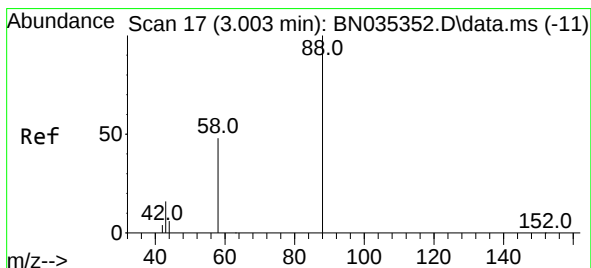
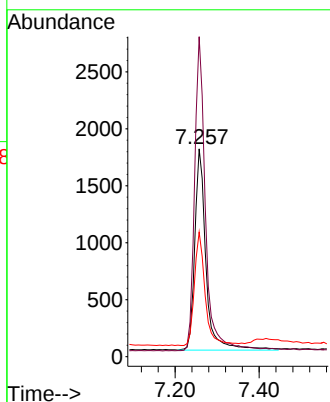
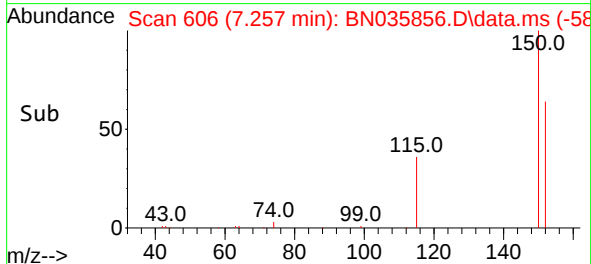
Tgt Ion:152 Resp: 3270
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.0 186.0
 115 60.0 49.6 74.4

Manual Integrations

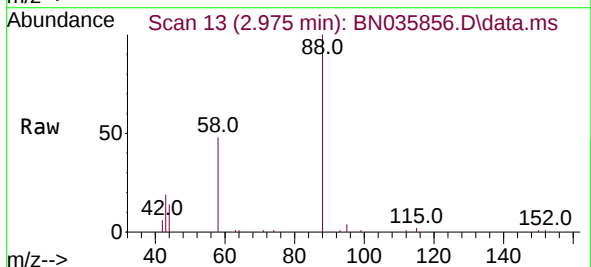
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Reviewed By :Yogesh Patel 12/27/2024

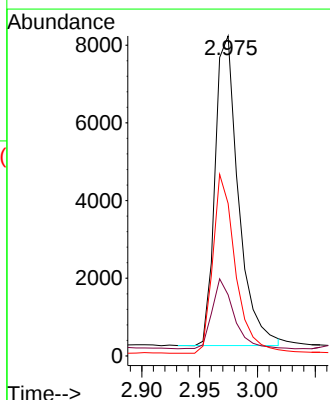
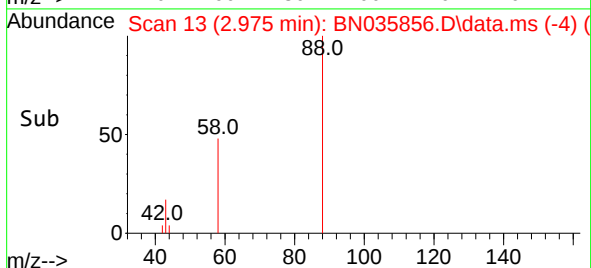
Supervised By :mohammad ahmed 12/27/2024

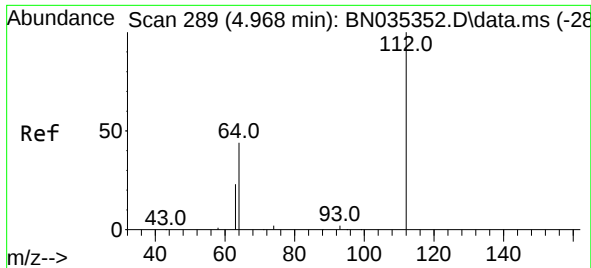


#2
 1,4-Dioxane
 Concen: 3.585 ng
 RT: 2.975 min Scan# 13
 Delta R.T. -0.007 min
 Lab File: BN035856.D
 Acq: 26 Dec 2024 16:42



Tgt Ion: 88 Resp: 11206
 Ion Ratio Lower Upper
 88 100
 43 21.1 17.2 25.8
 58 55.4 44.5 66.7





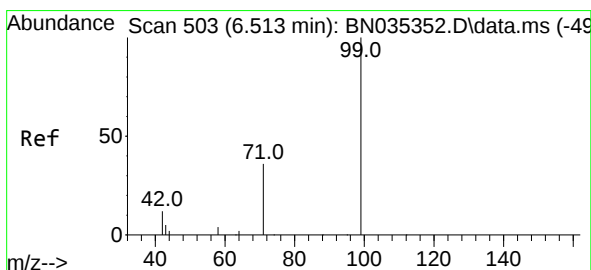
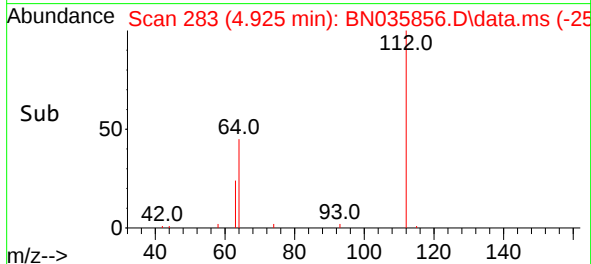
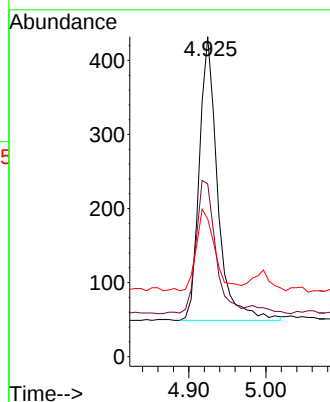
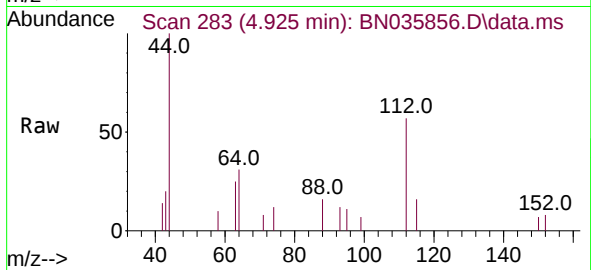
#4
2-Fluorophenol
Concen: 0.077 ng
RT: 4.925 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

Instrument :
BNA_N
ClientSampleId :
TT189D2-20241213DL

Tgt Ion:112 Resp: 63
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.8
63 28.4 21.0 31.6

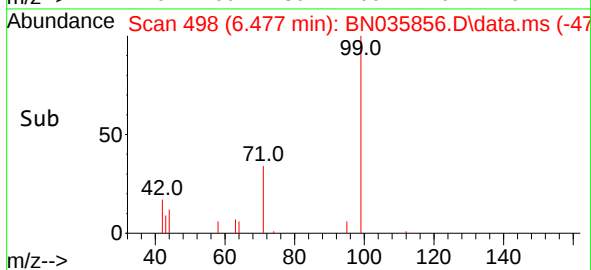
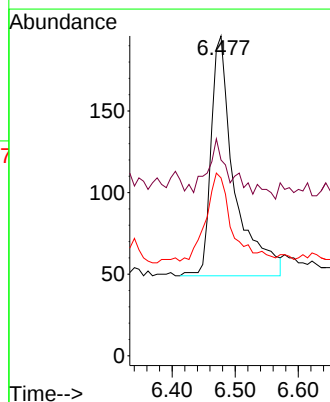
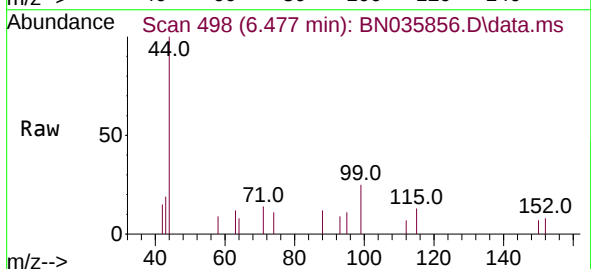
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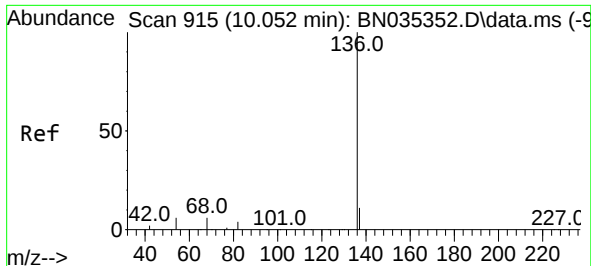
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#5
Phenol-d6
Concen: 0.038 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.014 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

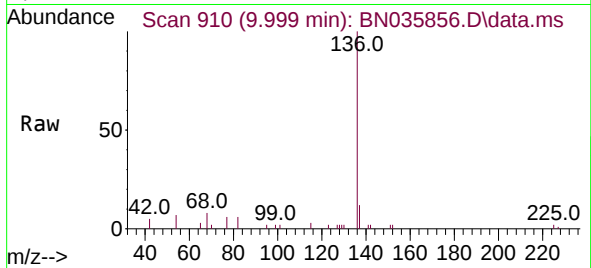
Tgt Ion: 99 Resp: 378
Ion Ratio Lower Upper
99 100
42 19.6 11.4 17.2#
71 41.5 29.3 43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

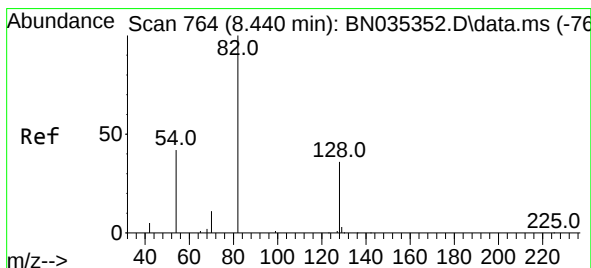
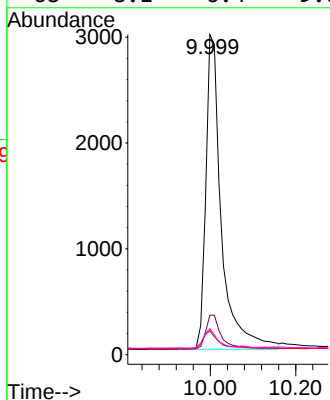
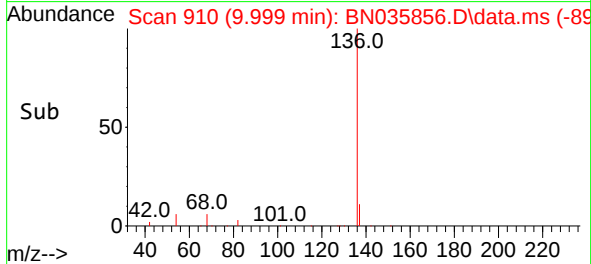
Instrument :
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TT189D2-20241213DL



Tgt Ion:136 Resp: 753
Ion Ratio Lower Upper
136 100
137 12.4 10.2 15.2
54 7.4 6.1 9.1
68 8.1 6.4 9.6

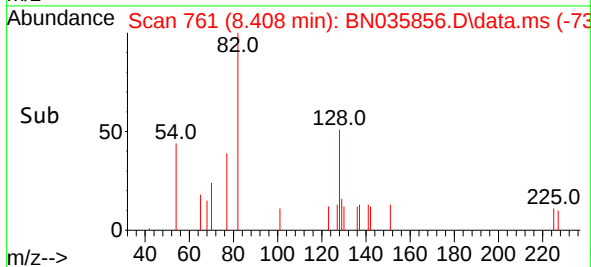
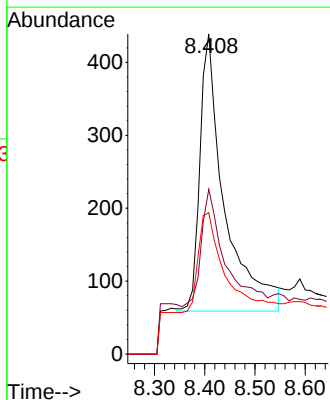
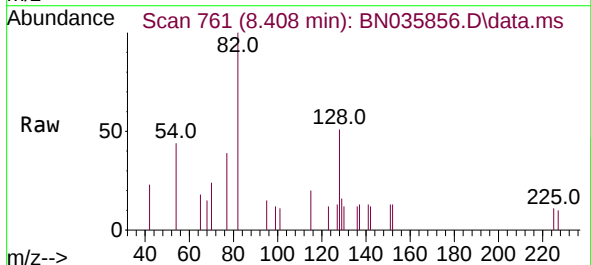
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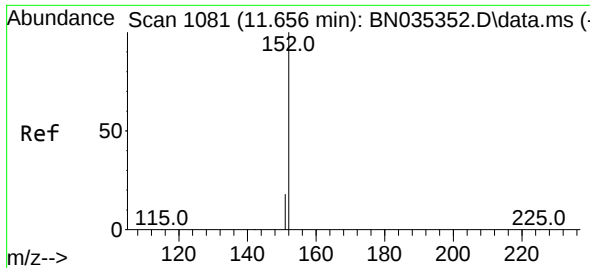
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#8
Nitrobenzene-d5
Concen: 0.280 ng m
RT: 8.408 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

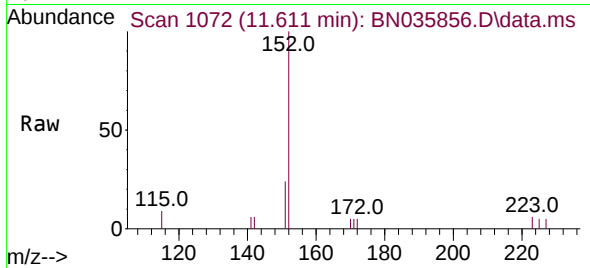
Tgt Ion: 82 Resp: 1288
Ion Ratio Lower Upper
82 100
128 51.5 33.4 50.0#
54 44.2 36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 11.611 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

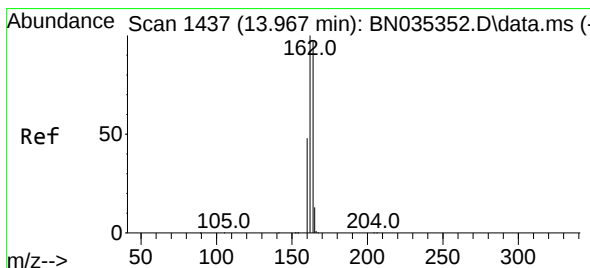
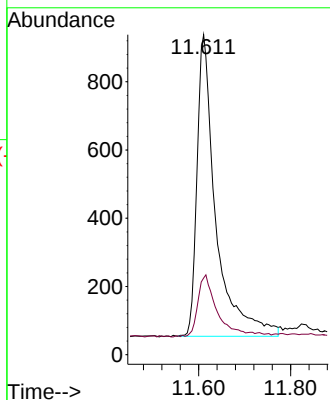
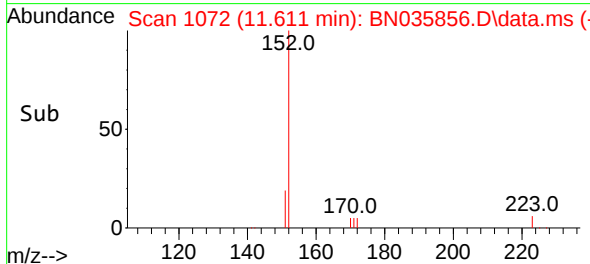
Instrument :
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ClientSampleId :
TT189D2-20241213DL



Tgt Ion:152 Resp: 251
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0

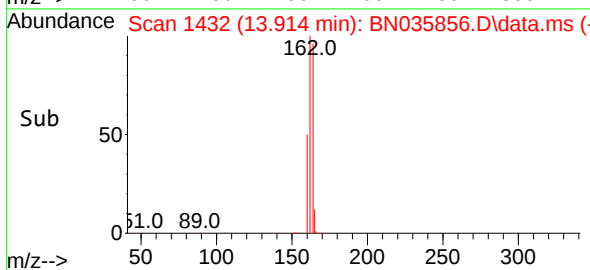
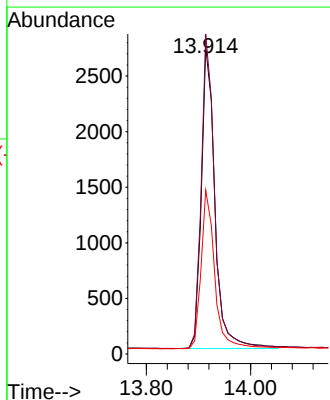
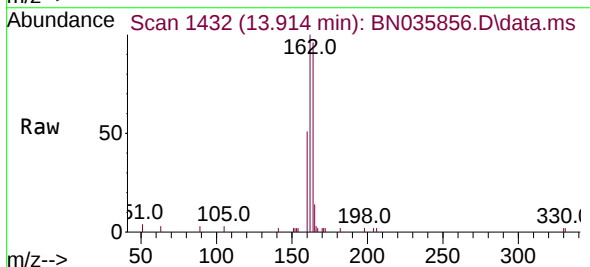
Manual Integrations
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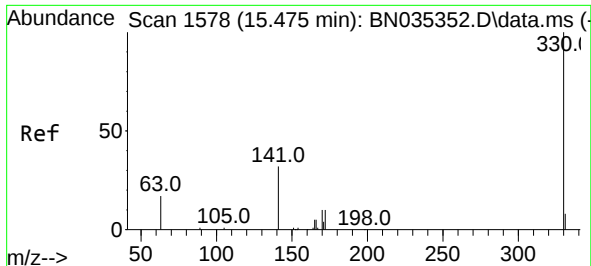
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 1432
Delta R.T. -0.021 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

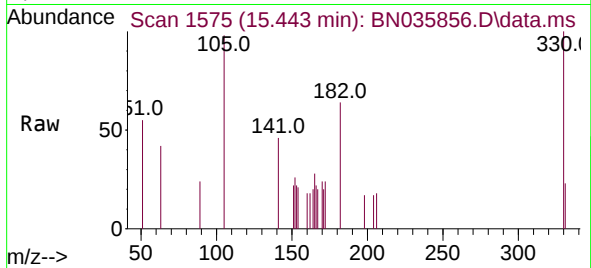
Tgt Ion:164 Resp: 4933
Ion Ratio Lower Upper
164 100
162 104.3 82.2 123.2
160 53.4 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

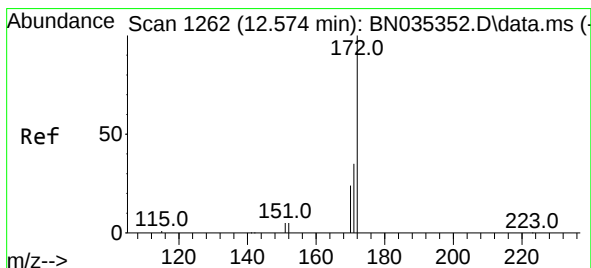
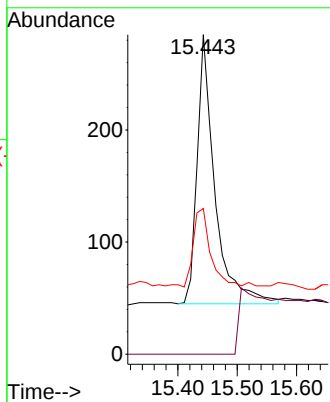
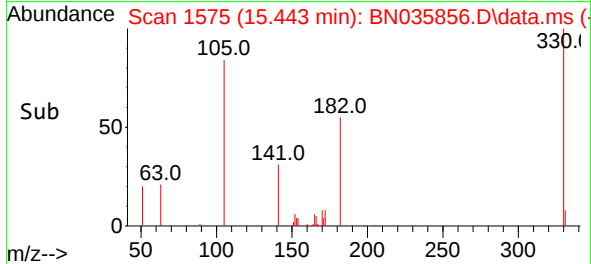
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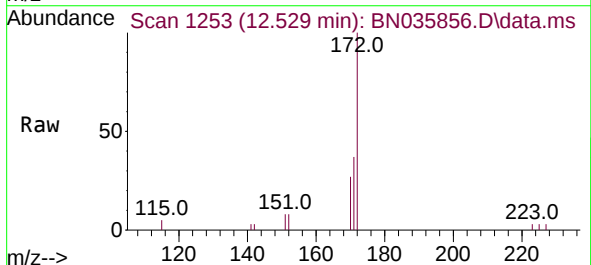
Tgt Ion:330 Resp: 52
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.0 26.6 40.0

Manual Integrations
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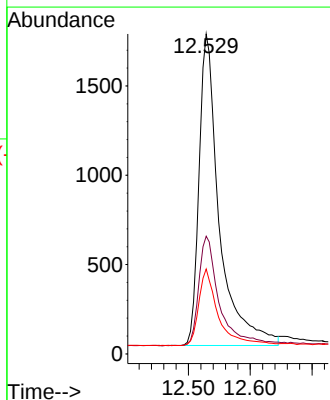
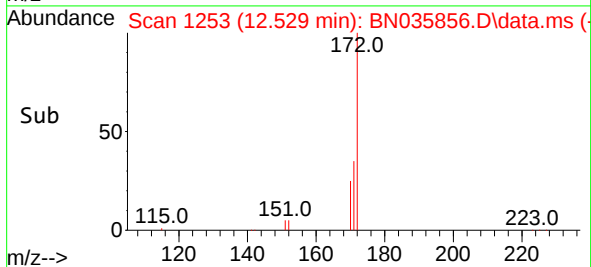
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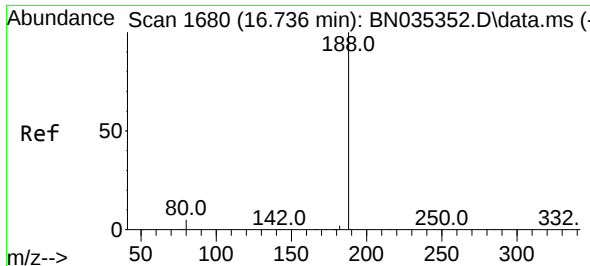


#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 12.529 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42



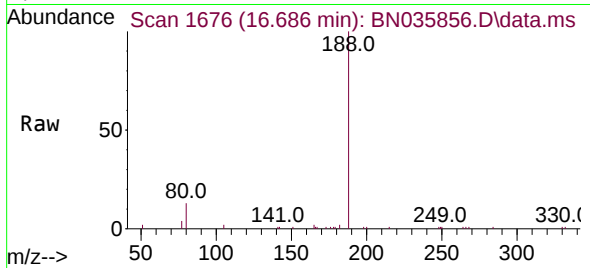
Tgt Ion:172 Resp: 3977
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 26.5 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.686 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

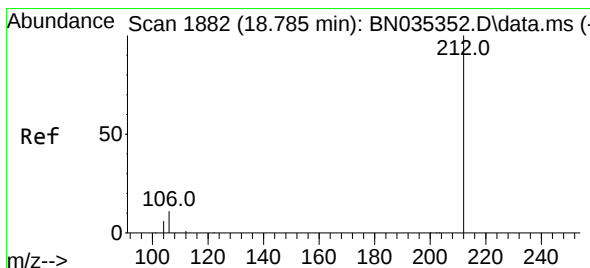
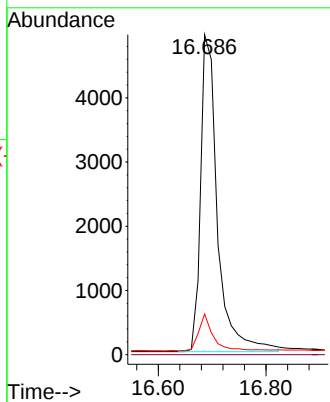
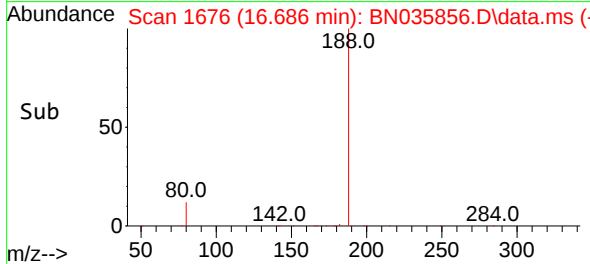
Instrument :
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Tgt Ion:188 Resp: 1071
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 4.6 6.8

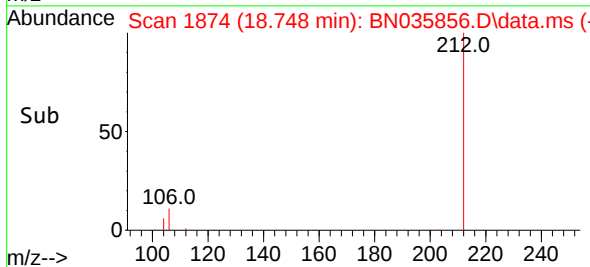
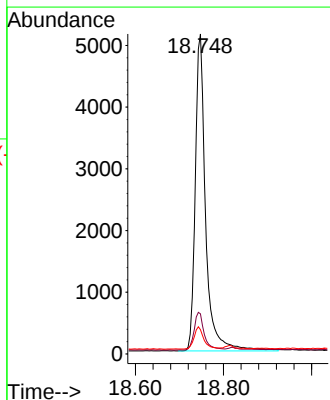
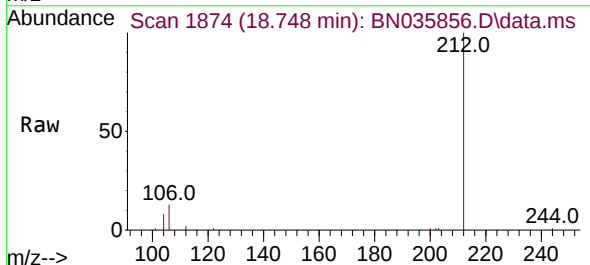
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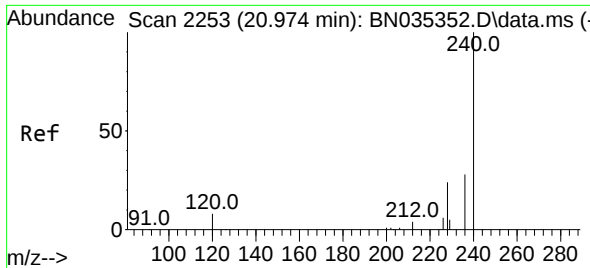
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 18.748 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

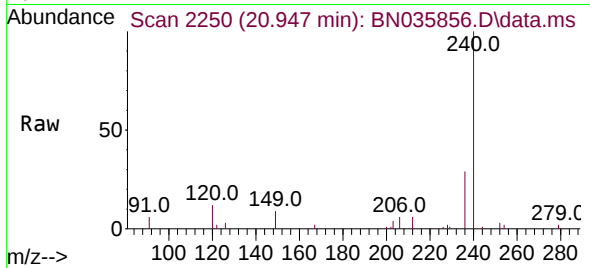
Tgt Ion:212 Resp: 8393
Ion Ratio Lower Upper
212 100
106 11.5 9.2 13.8
104 6.6 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

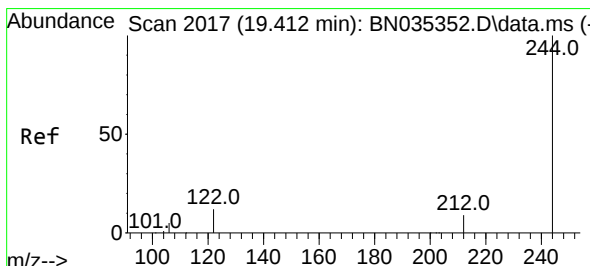
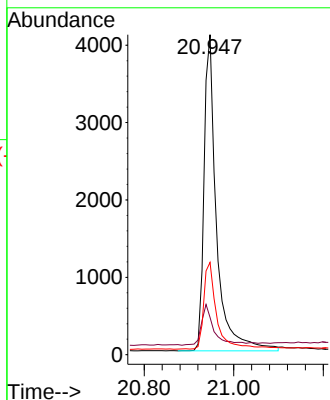
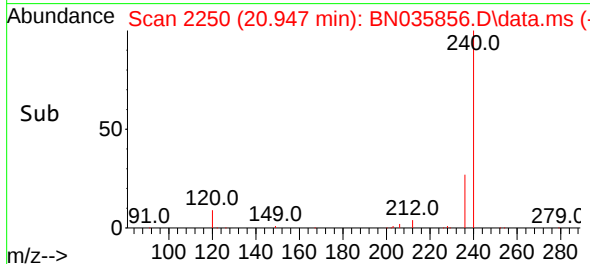
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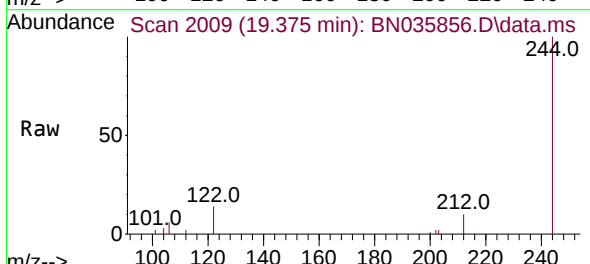
Tgt Ion:240 Resp: 794
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 28.8 22.9 34.3

Manual Integrations
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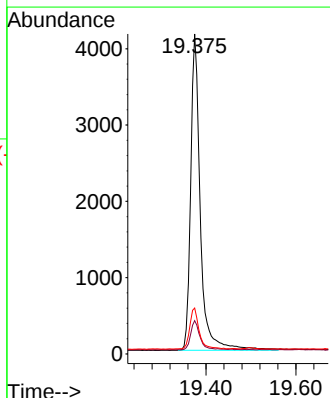
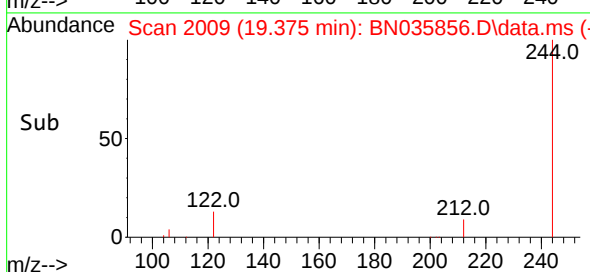
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

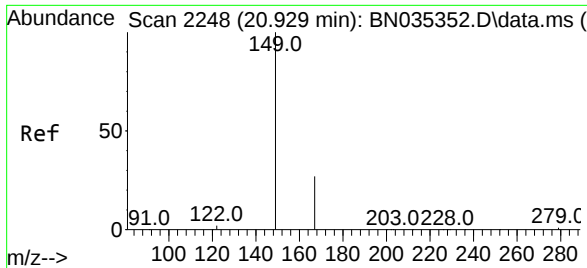


#31
Terphenyl-d14
Concen: 0.395 ng
RT: 19.375 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42



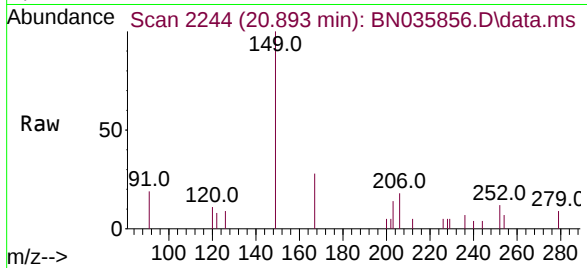
Tgt Ion:244 Resp: 6181
Ion Ratio Lower Upper
244 100
212 10.4 8.1 12.1
122 14.3 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 20.893 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

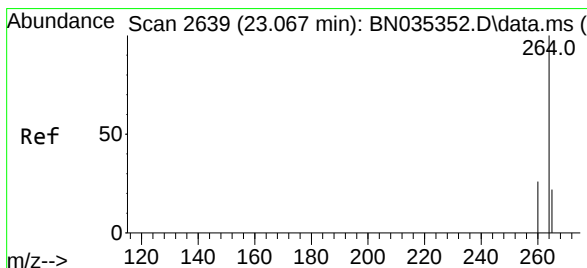
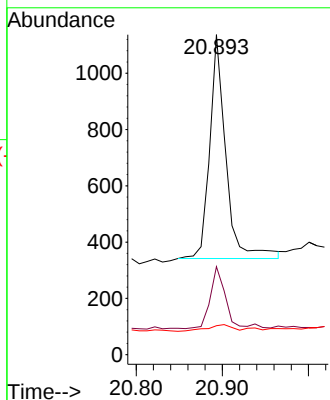
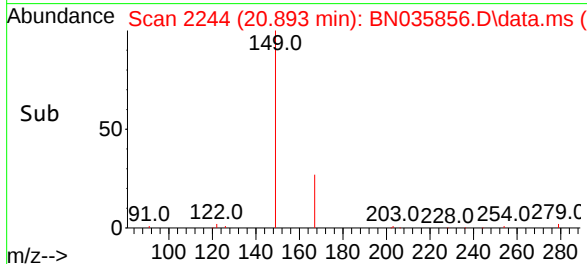
Instrument :
BNA_N
ClientSampleId :
TT189D2-20241213DL



Tgt Ion:149 Resp: 1034
Ion Ratio Lower Upper
149 100
167 26.6 22.2 33.4
279 4.6 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.027 min Scan# 2625
Delta R.T. -0.015 min
Lab File: BN035856.D
Acq: 26 Dec 2024 16:42

Tgt Ion:264 Resp: 7194
Ion Ratio Lower Upper
264 100
260 28.0 21.4 32.2
265 89.1 40.2 60.4

