

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035813.D
 Acq On : 24 Dec 2024 10:10
 Operator : RC/JU
 Sample : P5281-04DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212DL

Quant Time: Dec 24 23:16:45 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 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3005	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	6792	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4271	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8487	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	6764	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	6806	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	448	0.060	ng	0.00
5) Phenol-d6	6.484	99	198	0.022	ng	0.00
8) Nitrobenzene-d5	8.418	82	920m	0.222	ng	0.01
11) 2-Methylnaphthalene-d10	11.626	152	1885	0.177	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	291	0.096	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	3073	0.190	ng	0.00
27) Fluoranthene-d10	18.752	212	5039	0.209	ng	0.00
31) Terphenyl-d14	19.379	244	3636	0.272	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	8686	3.024	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	479	0.051	ng	# 99

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

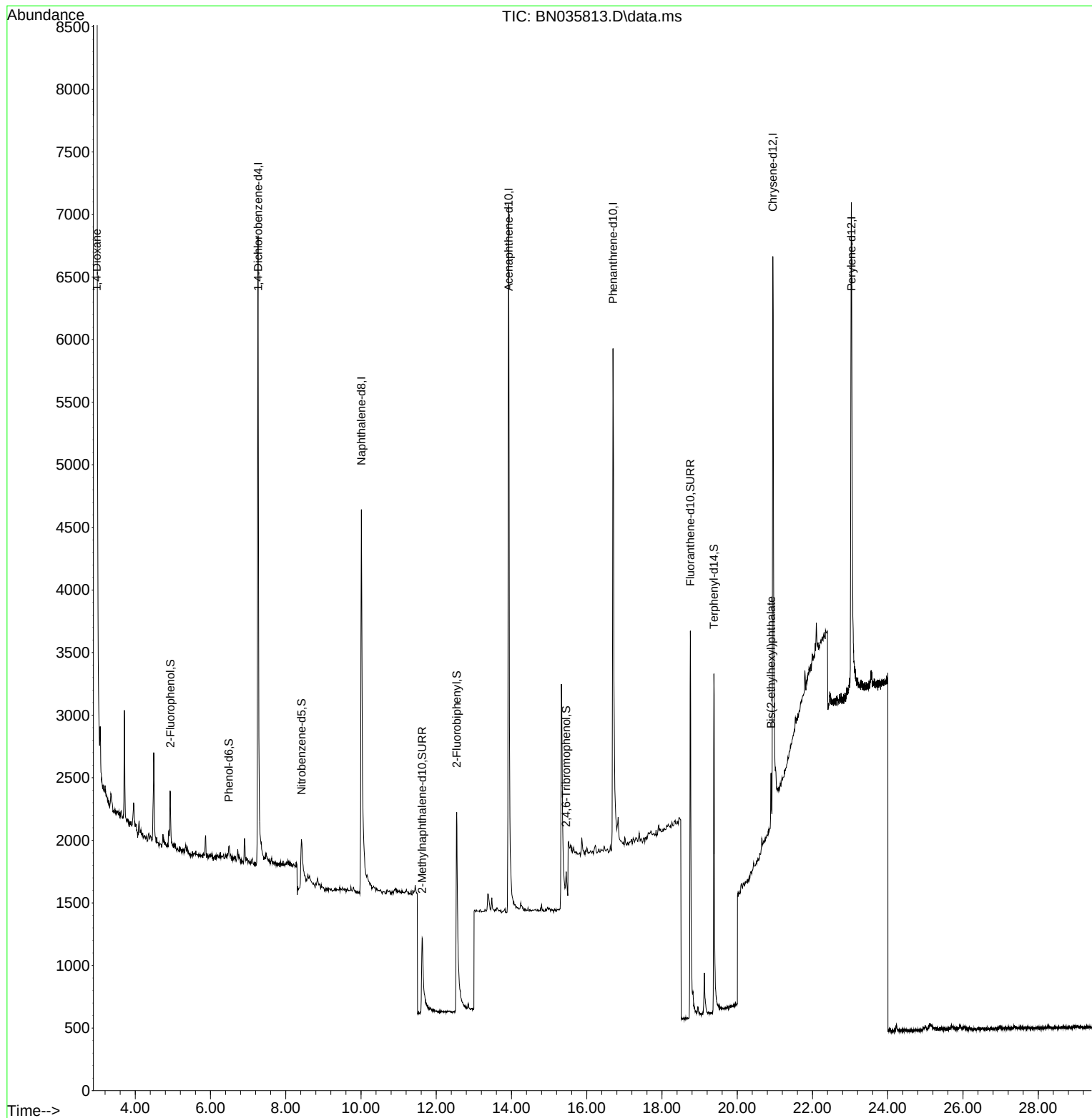
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035813.D
Acq On : 24 Dec 2024 10:10
Operator : RC/JU
Sample : P5281-04DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

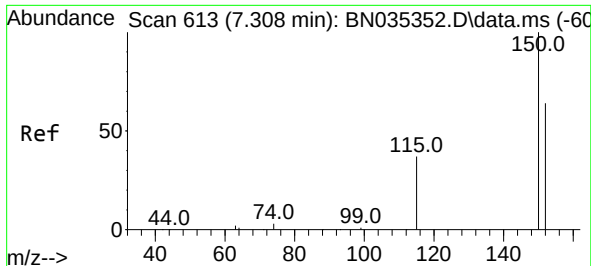
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212DL

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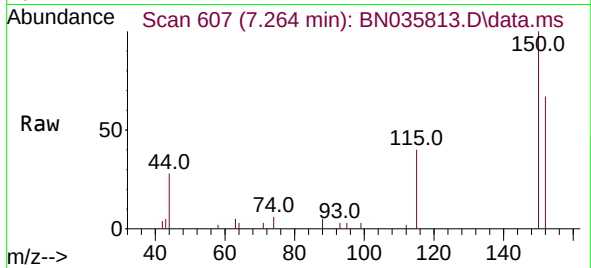
Quant Time: Dec 24 23:16:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

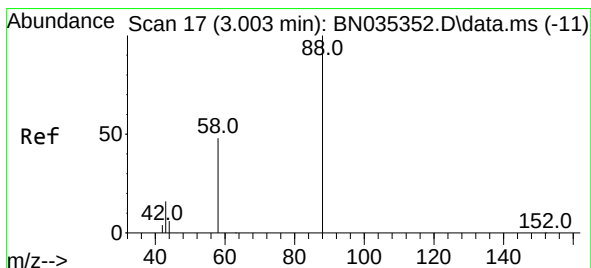
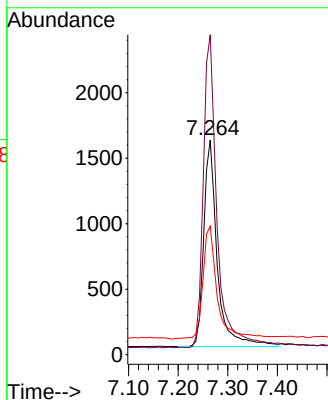
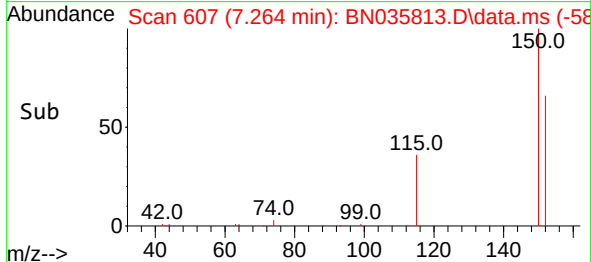
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212DL



Tgt Ion:152 Resp: 300
Ion Ratio Lower Upper
152 100
150 149.1 124.0 186.0
115 59.9 49.6 74.4

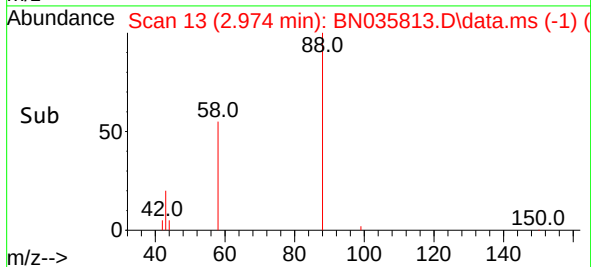
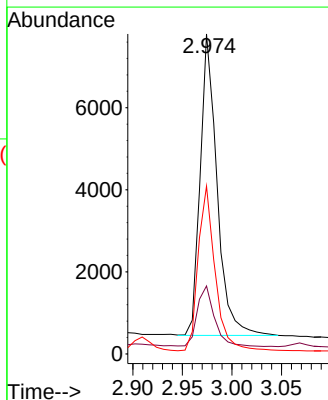
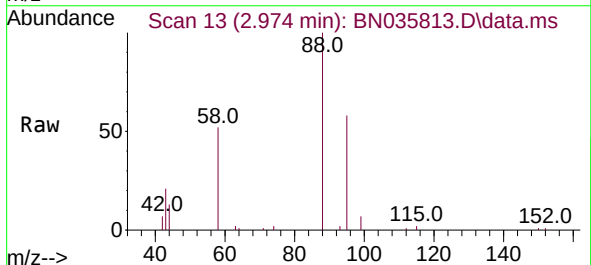
Manual Integrations
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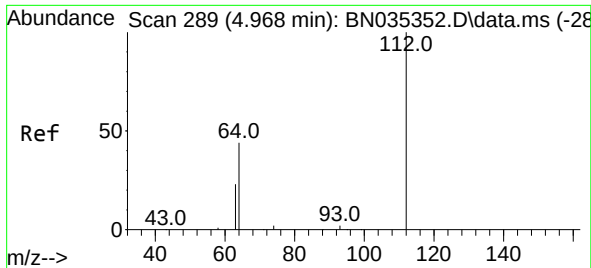
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#2
1,4-Dioxane
Concen: 3.024 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

Tgt Ion: 88 Resp: 8686
Ion Ratio Lower Upper
88 100
43 20.8 17.2 25.8
58 55.0 44.5 66.7





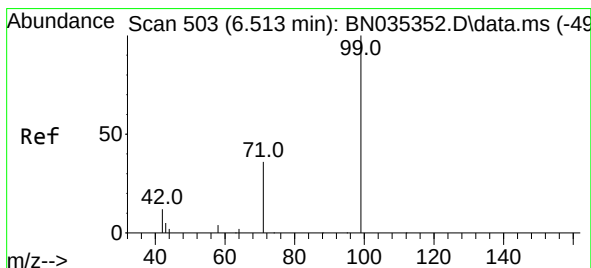
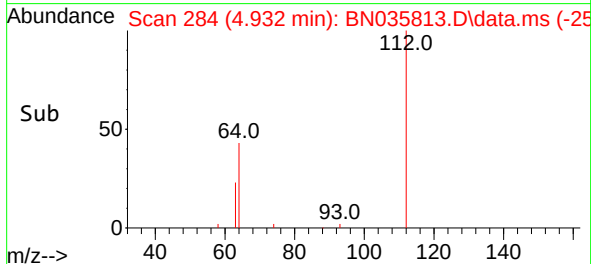
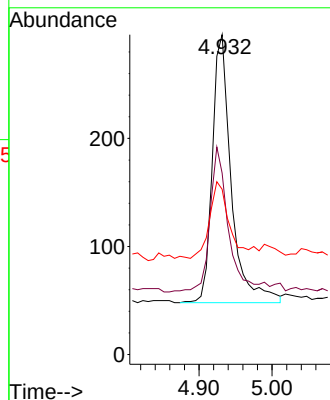
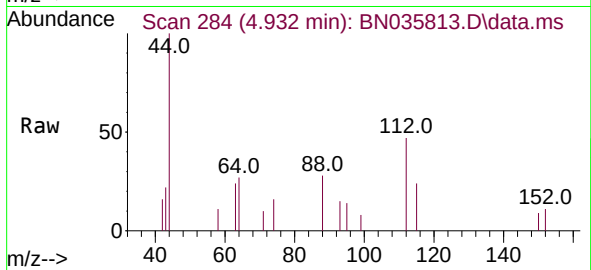
#4
2-Fluorophenol
Concen: 0.060 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212DL

Tgt Ion:112 Resp: 448
Ion Ratio Lower Upper
112 100
64 54.7 39.8 59.8
63 29.0 21.0 31.6

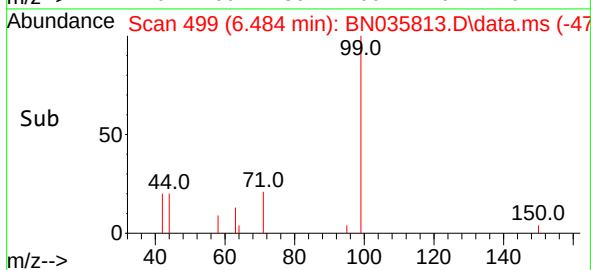
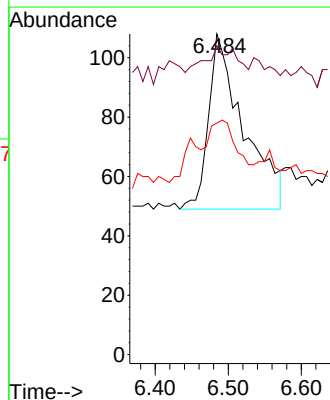
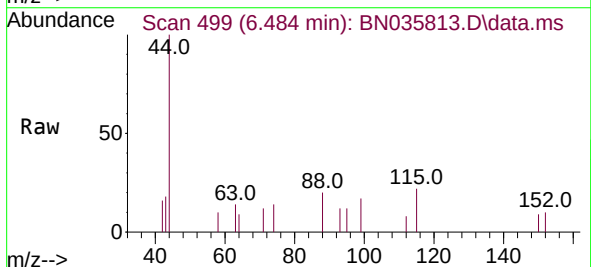
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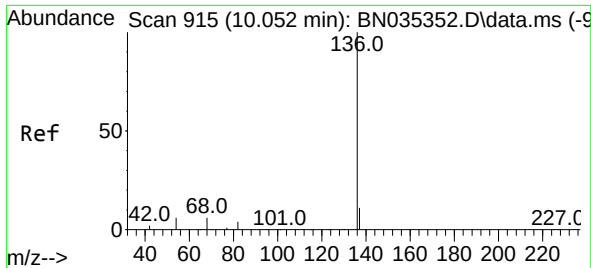
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.022 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

Tgt Ion: 99 Resp: 198
Ion Ratio Lower Upper
99 100
42 14.6 11.4 17.2
71 25.8 29.3 43.9#





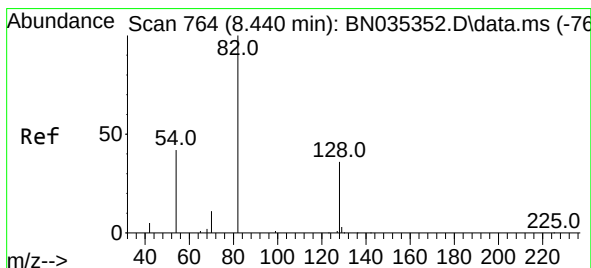
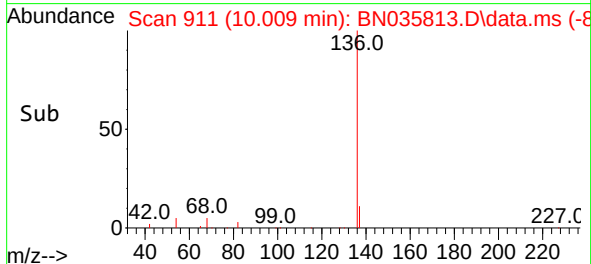
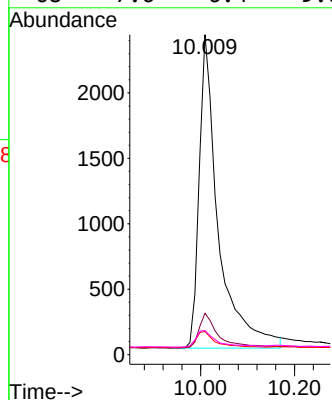
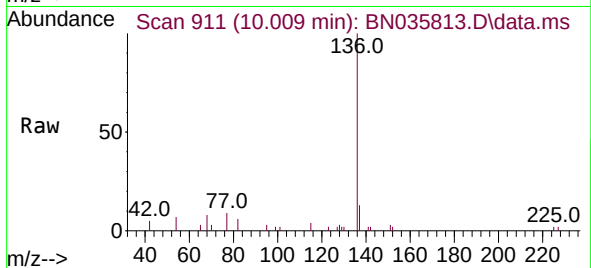
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212DL

Tgt Ion:136	Resp:	679
Ion Ratio	Lower	Upper
136	100	
137	13.0	10.2 15.2
54	7.3	6.1 9.1
68	7.6	6.4 9.6

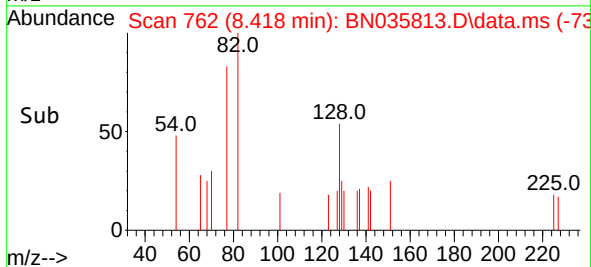
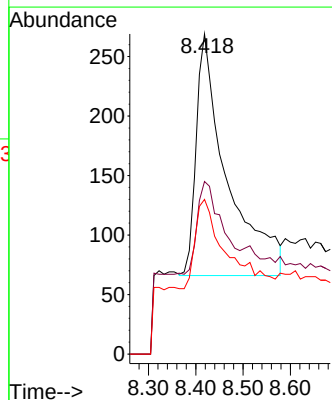
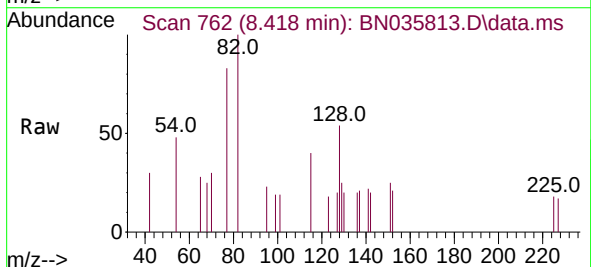
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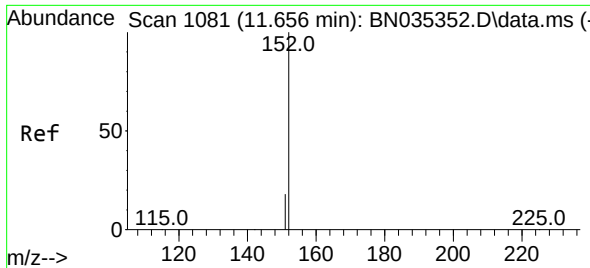
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#8
Nitrobenzene-d5
Concen: 0.222 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

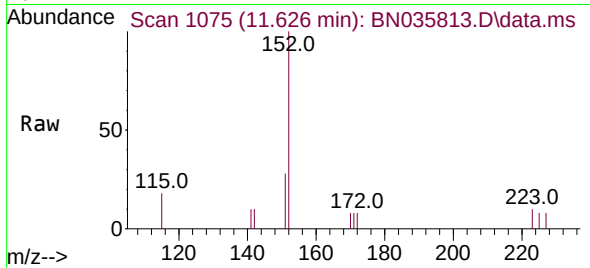
Tgt Ion: 82	Resp:	920
Ion Ratio	Lower	Upper
82	100	
128	53.9	33.4 50.0#
54	48.3	36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.177 ng
RT: 11.626 min Scan# 1081
Delta R.T. 0.005 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

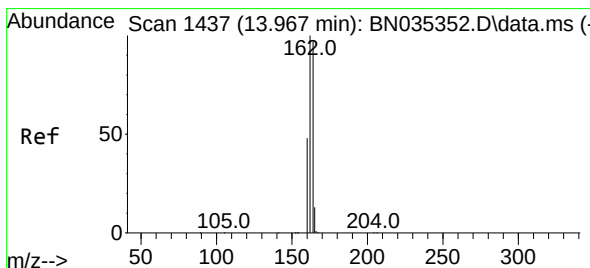
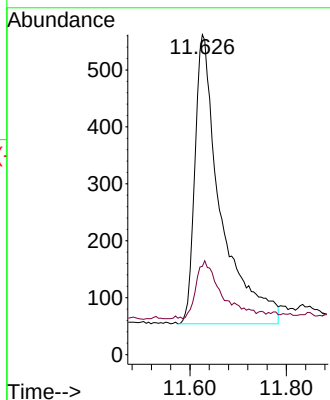
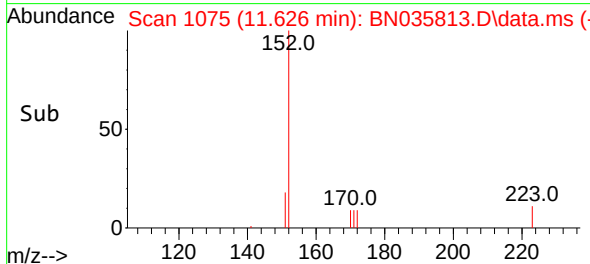
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212DL



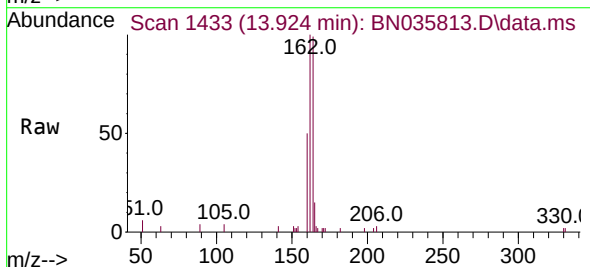
Tgt Ion:152 Resp: 188
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0

Manual Integrations
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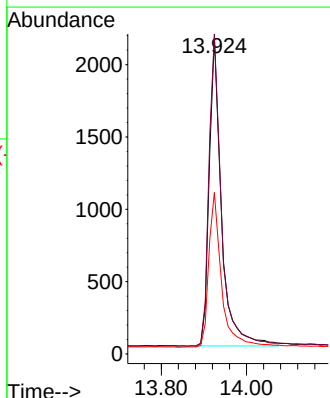
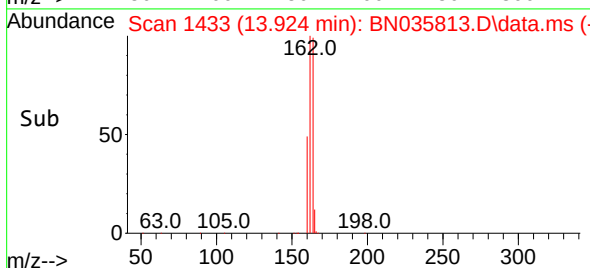
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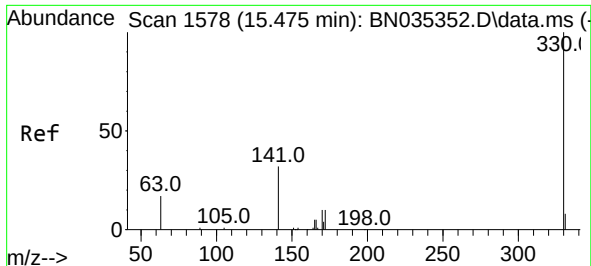


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10



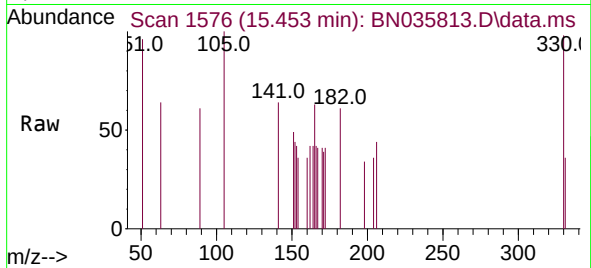
Tgt Ion:164 Resp: 4271
Ion Ratio Lower Upper
164 100
162 101.1 82.2 123.2
160 51.0 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.096 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

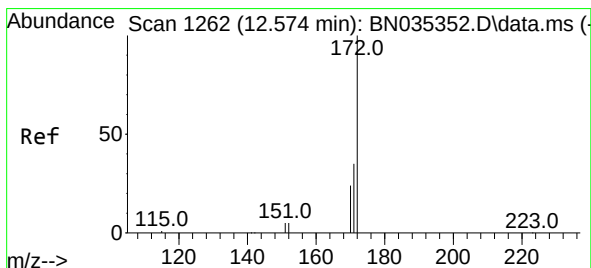
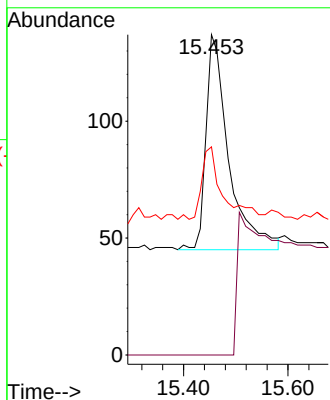
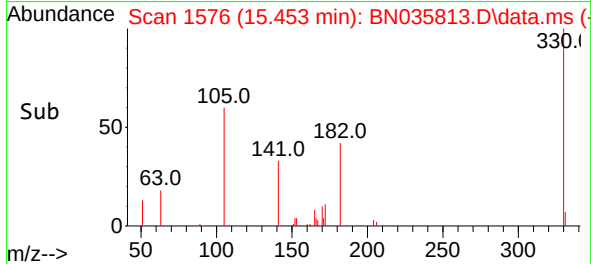
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212DL



Tgt Ion:330 Resp: 29
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.2 26.6 40.0

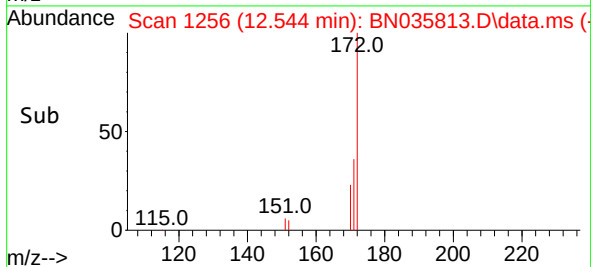
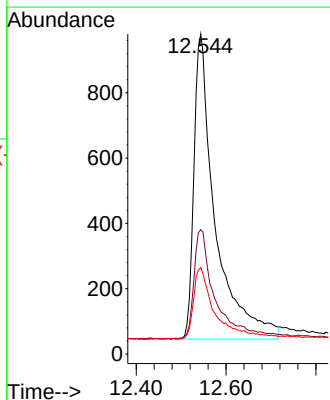
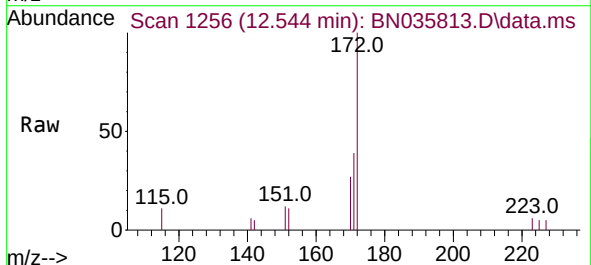
Manual Integrations
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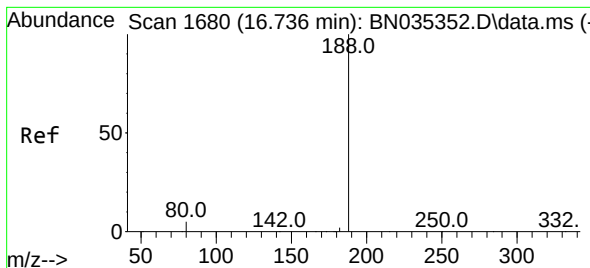
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#15
2-Fluorobiphenyl
Concen: 0.190 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

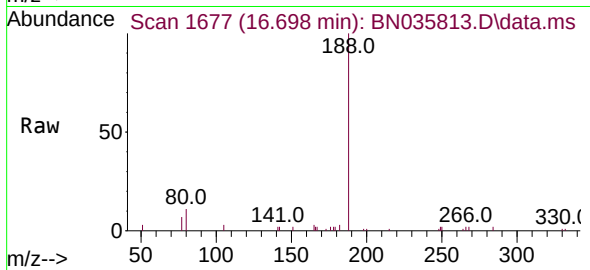
Tgt Ion:172 Resp: 3073
Ion Ratio Lower Upper
172 100
171 38.9 29.0 43.4
170 27.0 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

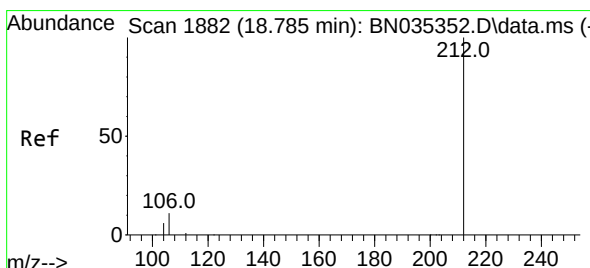
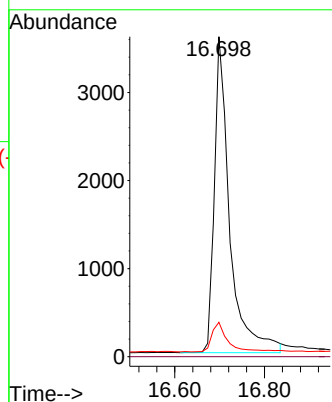
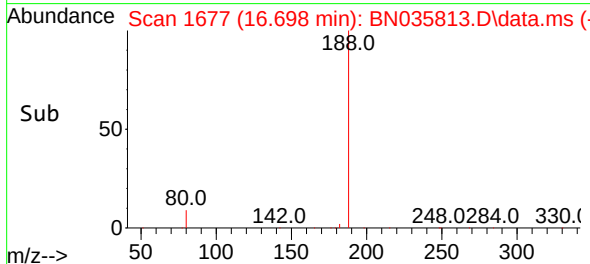
Instrument :
BNA_N
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TT101D2-20241212DL



Tgt Ion:188 Resp: 848
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 4.6 6.8

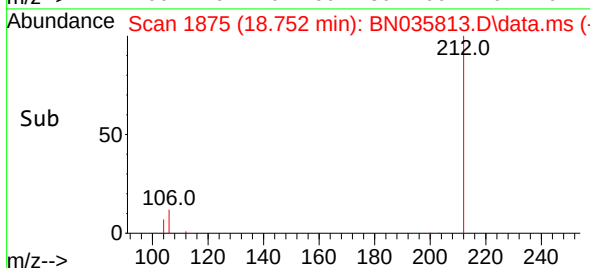
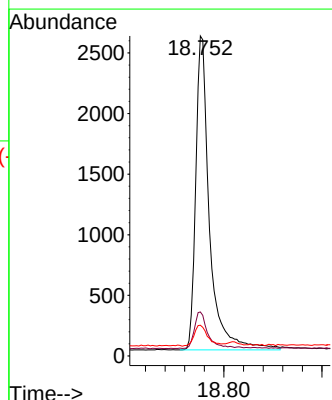
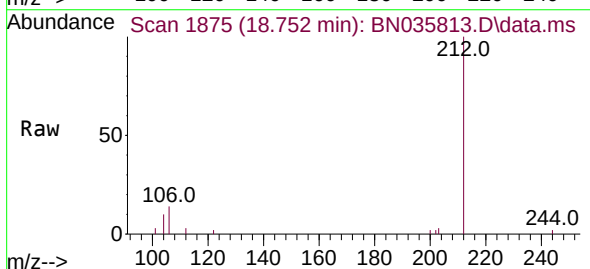
Manual Integrations
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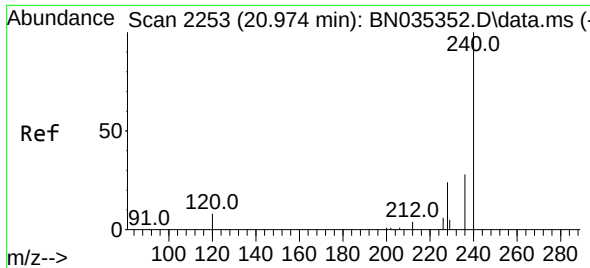
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Fluoranthene-d10
Concen: 0.209 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

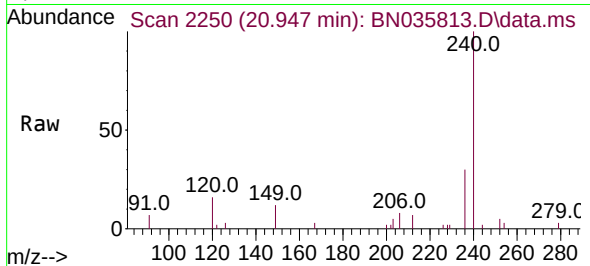
Tgt Ion:212 Resp: 5039
Ion Ratio Lower Upper
212 100
106 11.2 9.2 13.8
104 6.6 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 210
Delta R.T. -0.009 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10

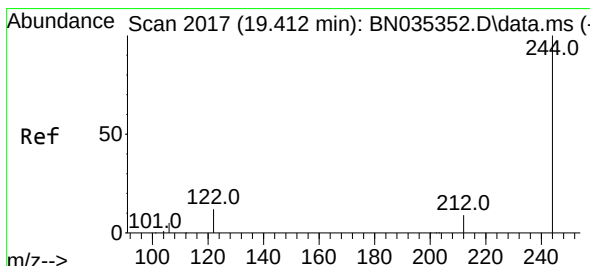
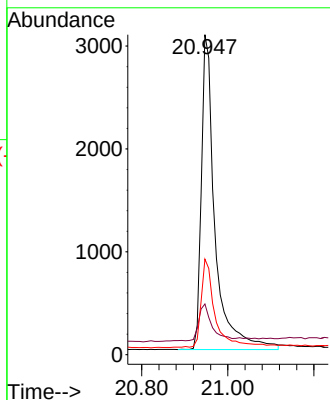
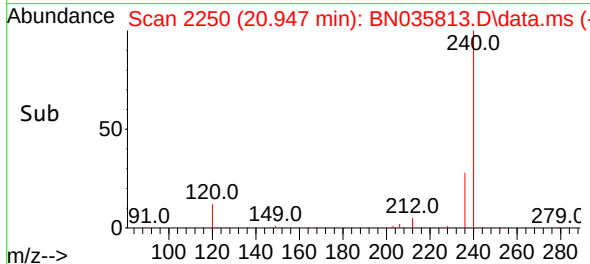
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212DL



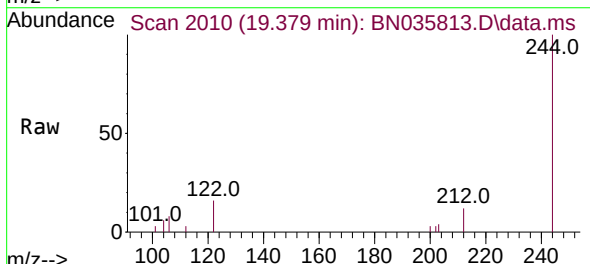
Tgt Ion:240 Resp: 6764
Ion Ratio Lower Upper
240 100
120 15.8 7.9 11.9
236 29.9 22.9 34.3

Manual Integrations
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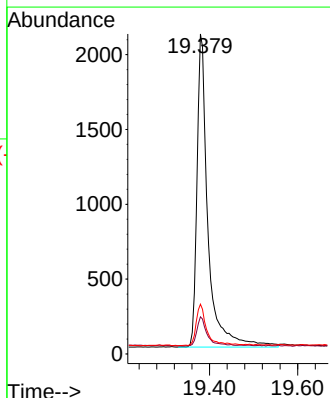
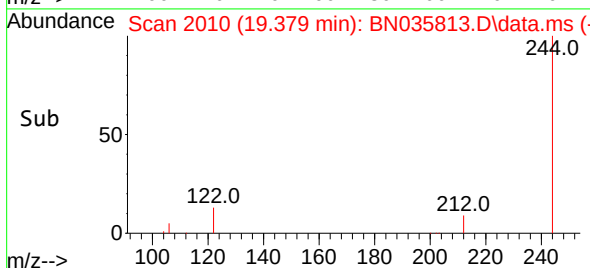
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

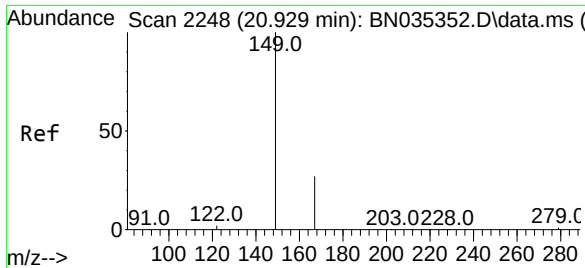


#31
Terphenyl-d14
Concen: 0.272 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035813.D
Acq: 24 Dec 2024 10:10



Tgt Ion:244 Resp: 3636
Ion Ratio Lower Upper
244 100
212 11.6 8.1 12.1
122 15.6 10.3 15.5





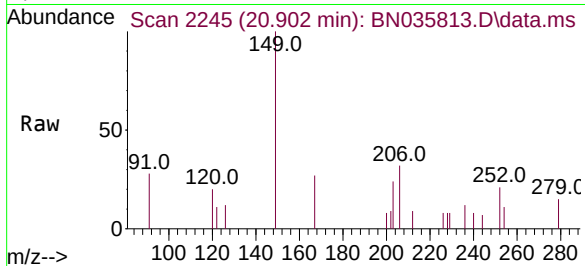
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035813.D
 Acq: 24 Dec 2024 10:10

Instrument :

BNA_N

ClientSampleId :

TT101D2-20241212DL



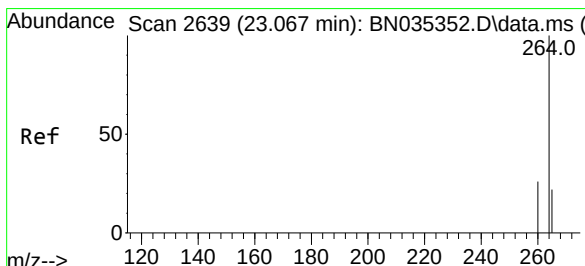
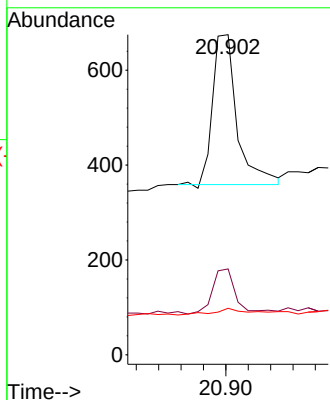
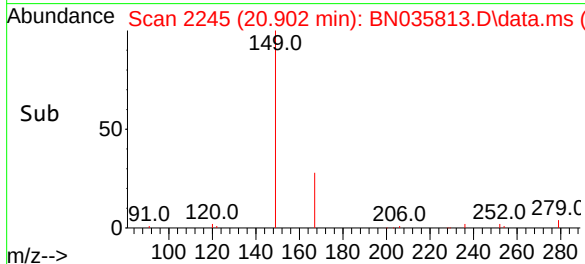
Tgt Ion:149 Resp: 479
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.2 33.4
 279 6.5 2.7 4.1

Manual Integrations

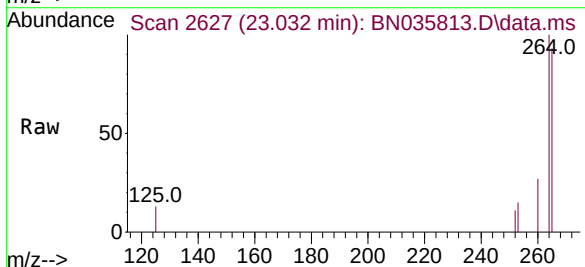
APPROVED

Reviewed By :Yogesh Patel 12/25/2024

Supervised By :mohammad ahmed 12/26/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.032 min Scan# 2627
 Delta R.T. -0.009 min
 Lab File: BN035813.D
 Acq: 24 Dec 2024 10:10



Tgt Ion:264 Resp: 6806
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.4 32.2
 265 92.5 40.2 60.4

