

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035740.D
 Acq On : 20 Dec 2024 14:05
 Operator : RC/JU
 Sample : P5261-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 17:12:33 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	3324	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8846	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5875	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	12041	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	10498	0.400	ng	0.00
35) Perylene-d12	23.041	264	10600	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	1125	0.135	ng	0.00
5) Phenol-d6	6.484	99	944	0.094	ng	0.00
8) Nitrobenzene-d5	8.408	82	2227m	0.412	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5239	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	809	0.194	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	7690	0.346	ng	0.00
27) Fluoranthene-d10	18.761	212	13888	0.407	ng	0.00
31) Terphenyl-d14	19.388	244	10774	0.520	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	24293	7.645	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	1150	0.079	ng	# 99

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

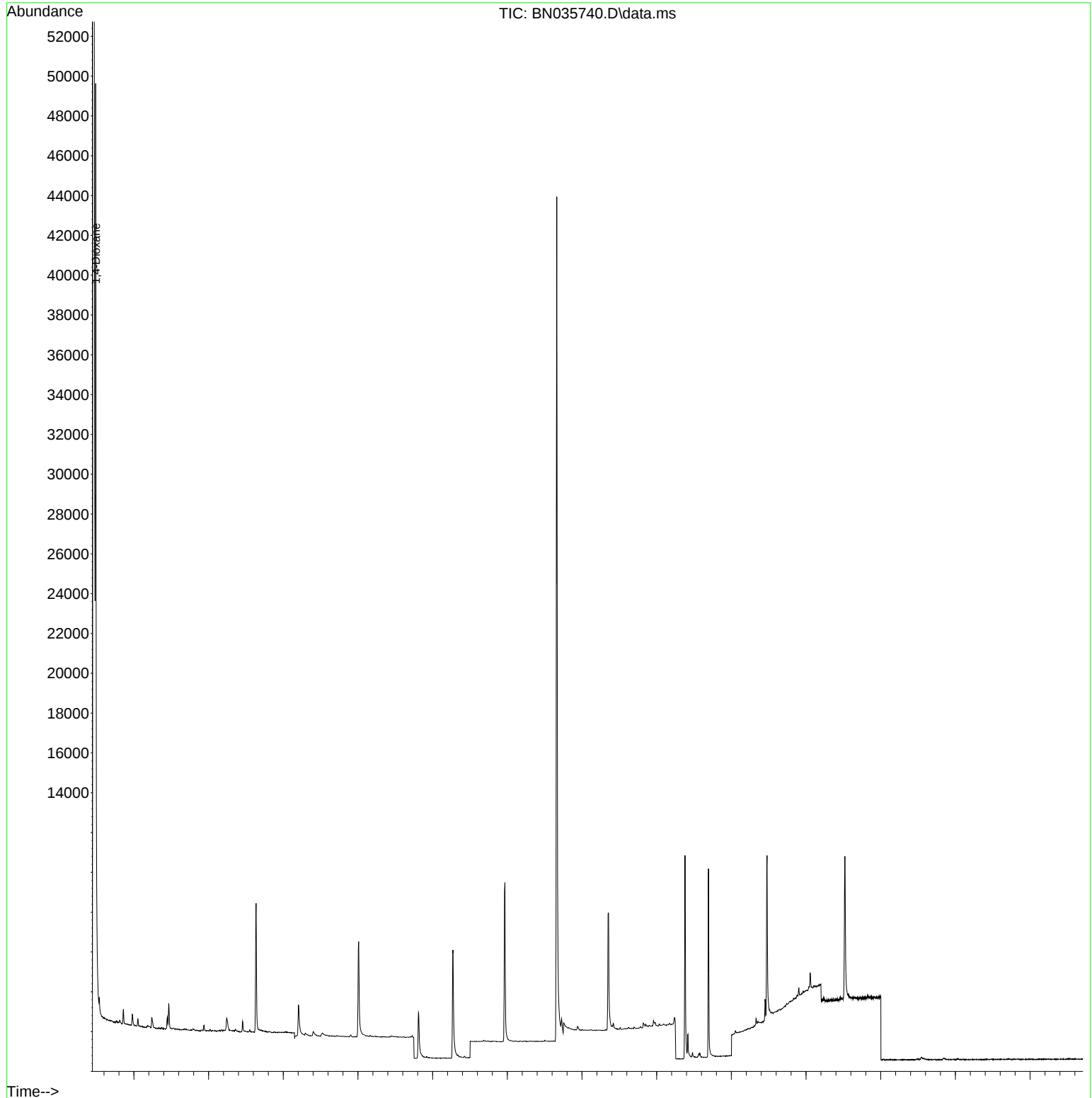
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035740.D
Acq On : 20 Dec 2024 14:05
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ALS Vial : 31 Sample Multiplier: 1

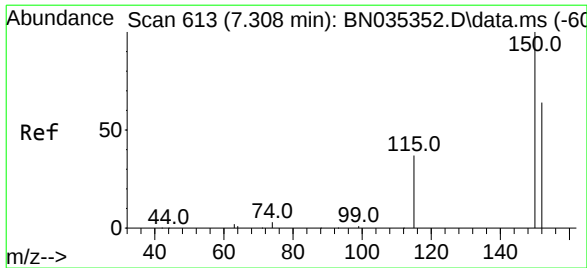
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210

Quant Time: Dec 20 17:12:33 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
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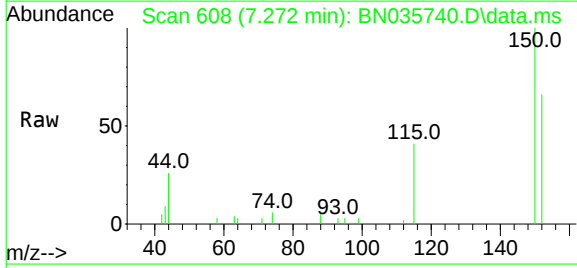
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

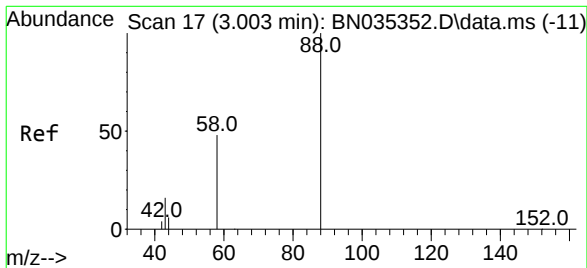
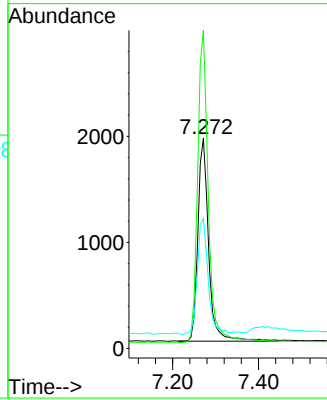
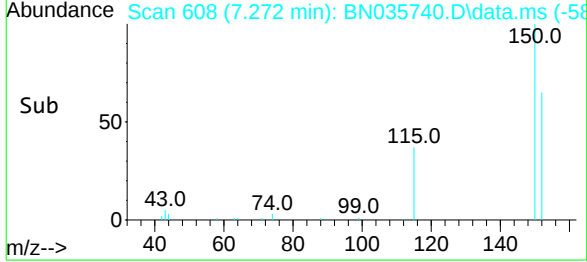
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



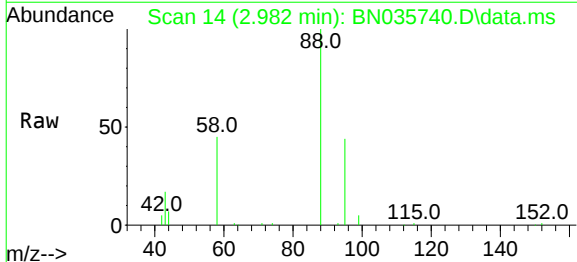
Tgt Ion: 152 Resp: 3324
Ion Ratio Lower Upper
152 100
150 151.4 124.0 186.0
115 61.8 49.6 74.4

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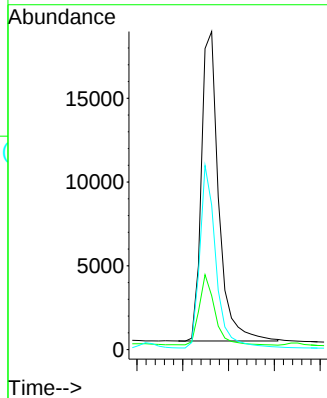
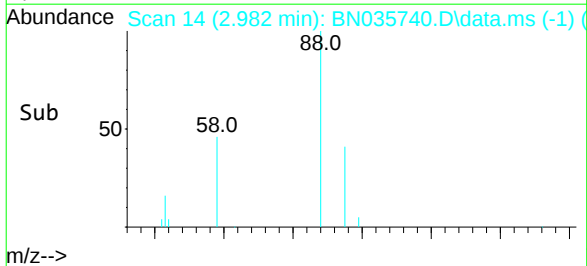
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

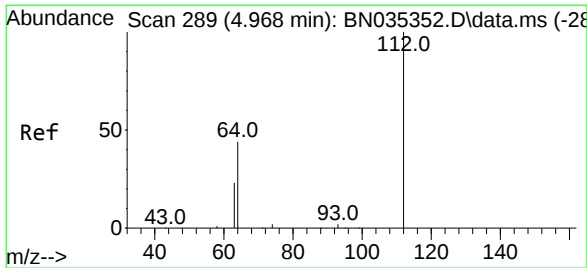


#2
1,4-Dioxane
Concen: 7.645 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05



Tgt Ion: 88 Resp: 24293
Ion Ratio Lower Upper
88 100
43 20.6 17.2 25.8
58 54.8 44.5 66.7





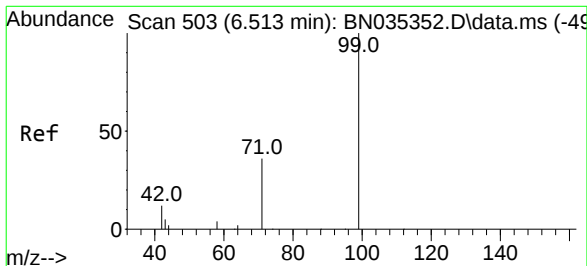
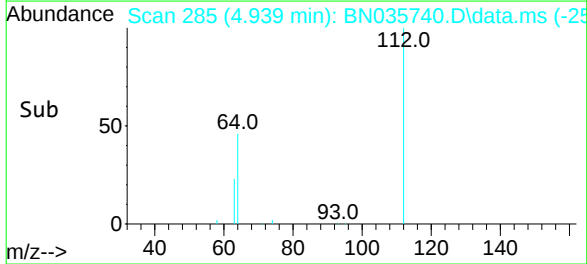
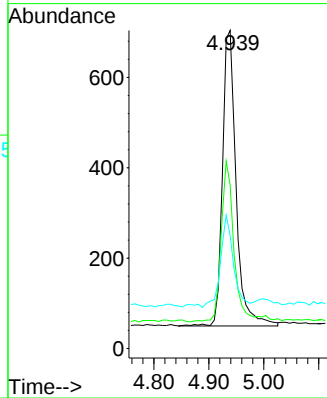
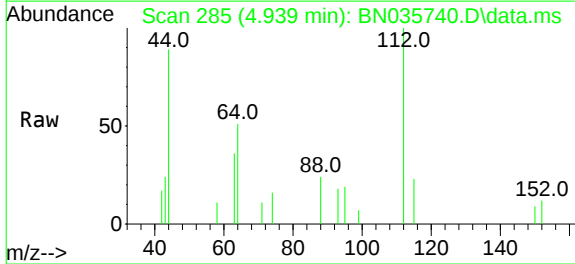
#4
2-Fluorophenol
Concen: 0.135 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210

Tgt Ion:	112	Resp:	1125
Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.8	59.8
63	29.5	21.0	31.6

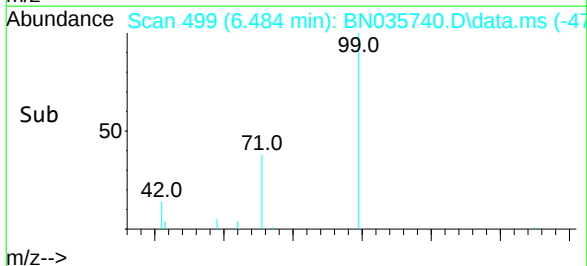
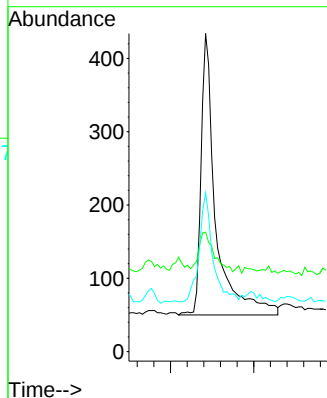
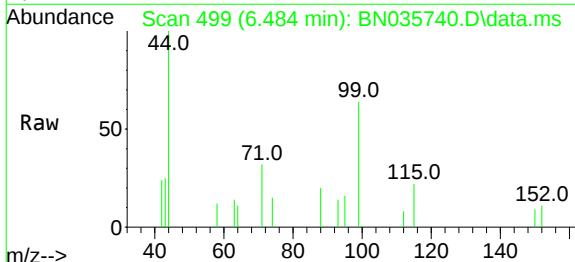
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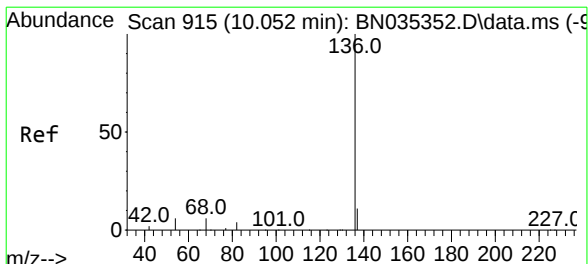
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

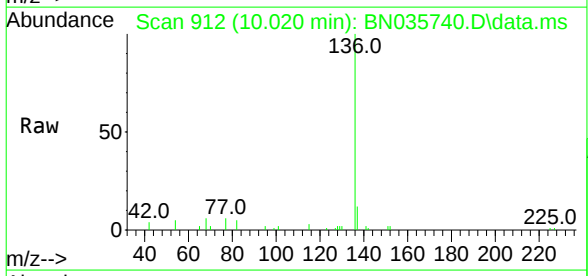
Tgt Ion:	99	Resp:	944
Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.4	17.2
71	36.5	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

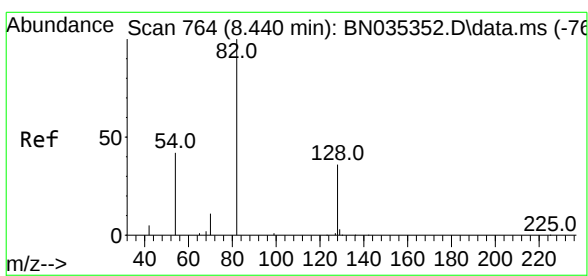
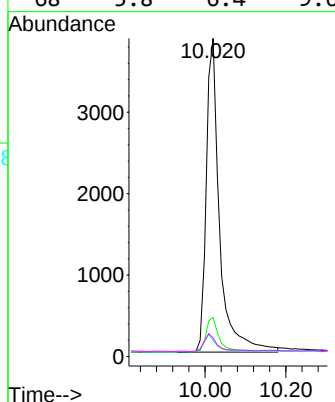
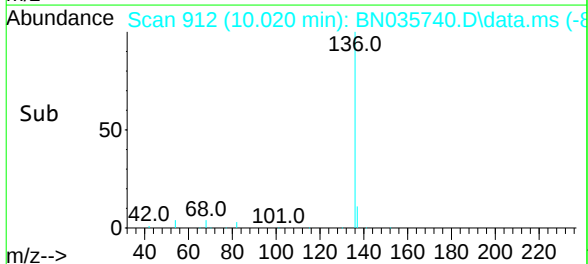
Instrument : BNA_N
ClientSampleId : RE120D3-20241210



Tgt Ion:	136	Resp:	8846
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	5.1	6.1	9.1#
68	5.8	6.4	9.6#

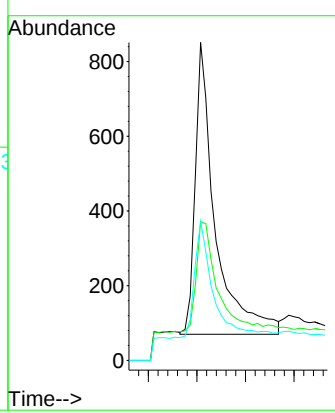
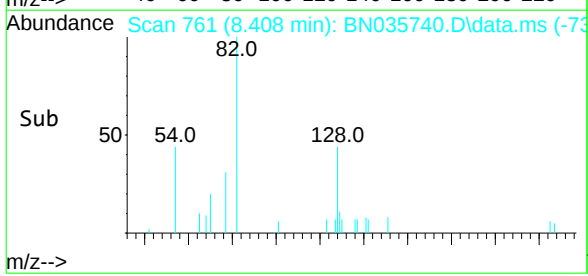
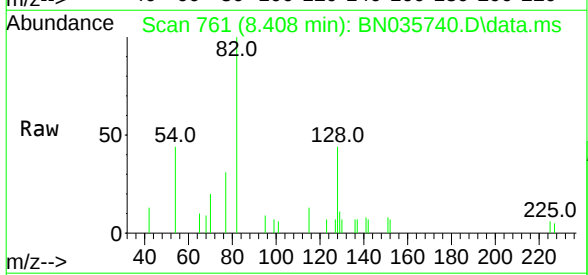
Manual Integrations
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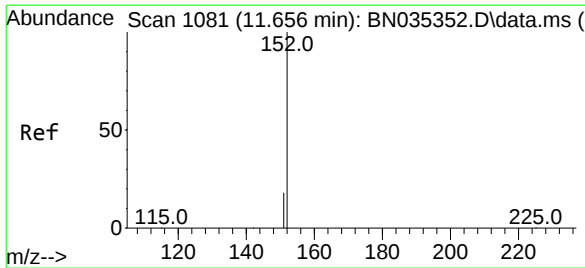
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.412 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

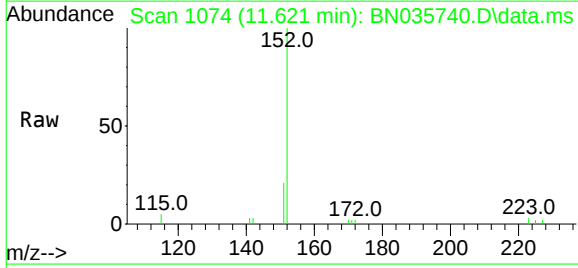
Tgt Ion:	82	Resp:	2227
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	43.8	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

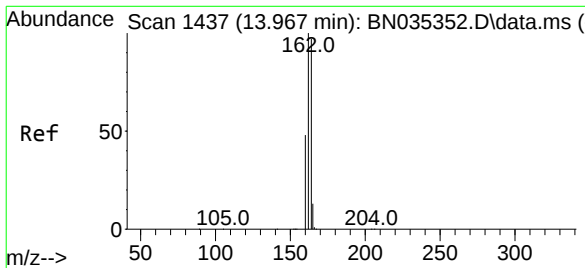
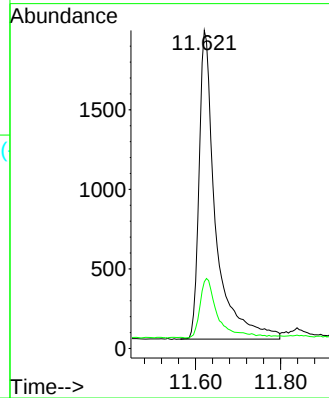
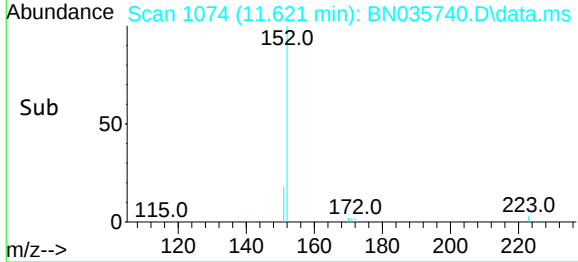
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



Tgt Ion:152 Resp: 5239
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0

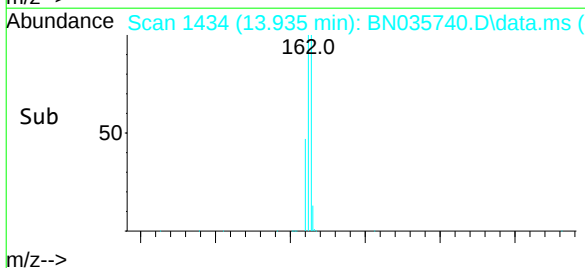
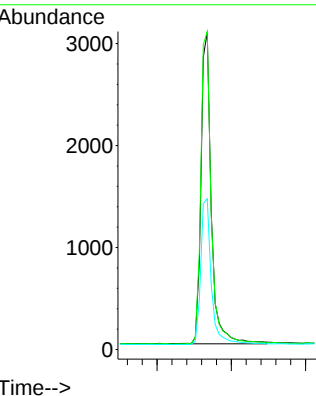
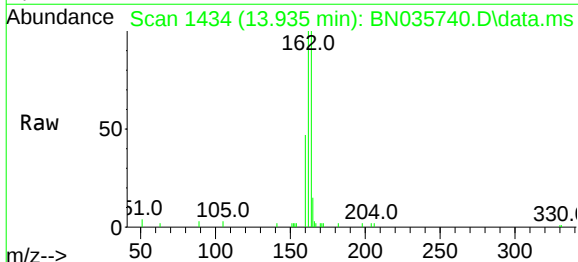
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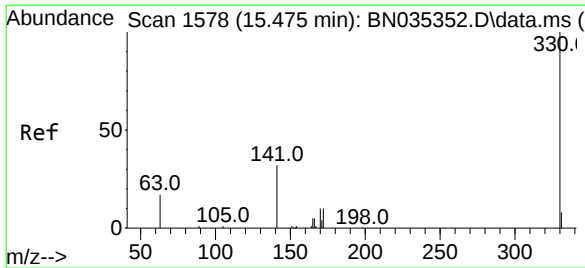
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

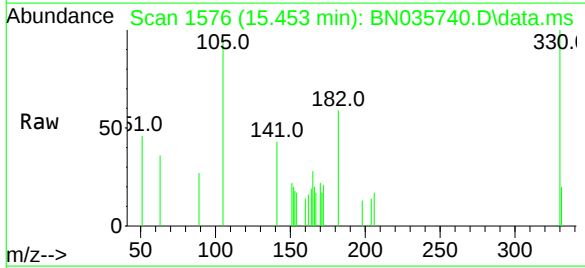
Tgt Ion:164 Resp: 5875
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 47.5 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.453 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

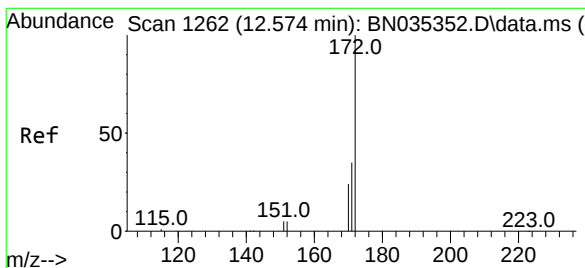
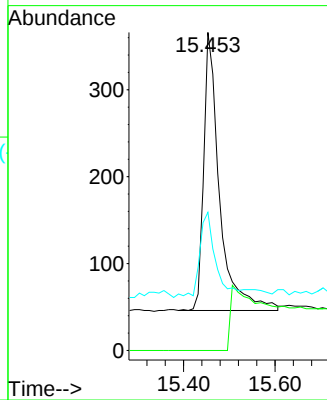
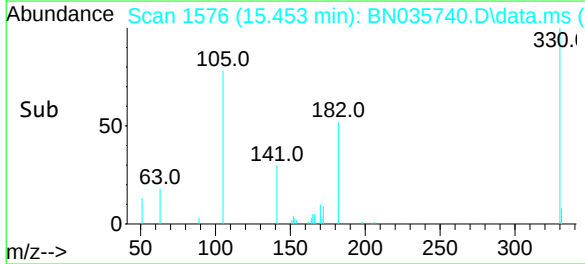
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



Tgt Ion: 330 Resp: 809
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.3 26.6 40.0

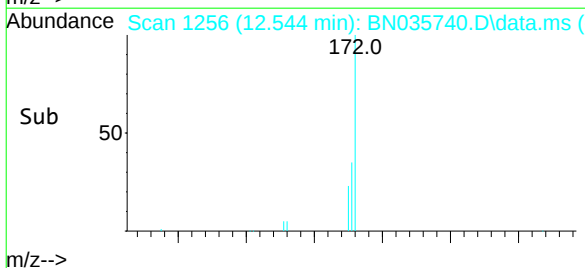
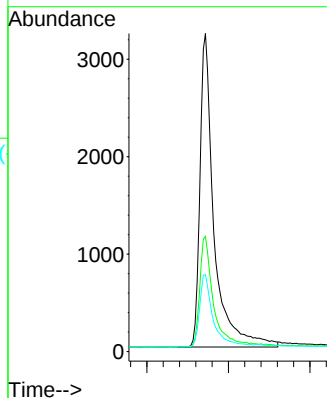
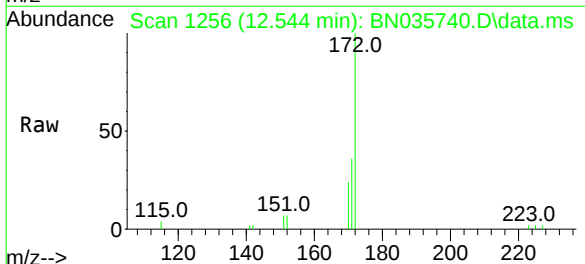
Manual Integrations
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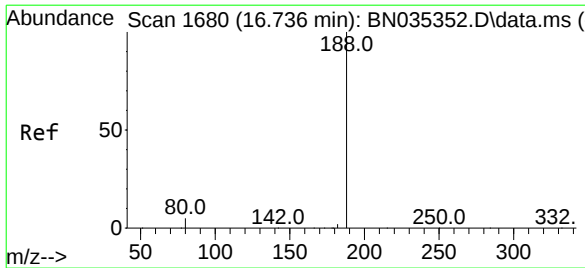
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

Tgt Ion: 172 Resp: 7690
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.2 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: BN035740.D

Acq: 20 Dec 2024 14:05

Instrument :

BNA_N

ClientSampleId :

RE120D3-20241210

Tgt Ion:188 Resp: 12041

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

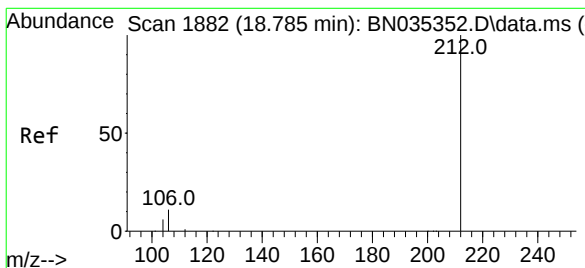
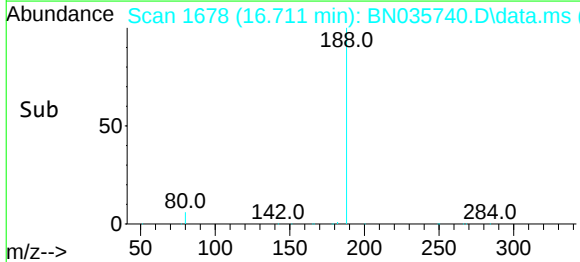
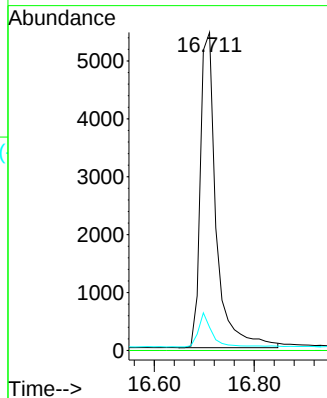
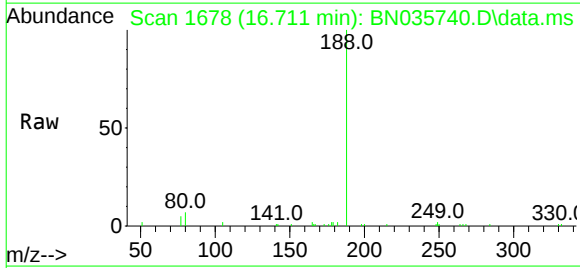
80 7.3 4.6 6.8#

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.407 ng

RT: 18.761 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BN035740.D

Acq: 20 Dec 2024 14:05

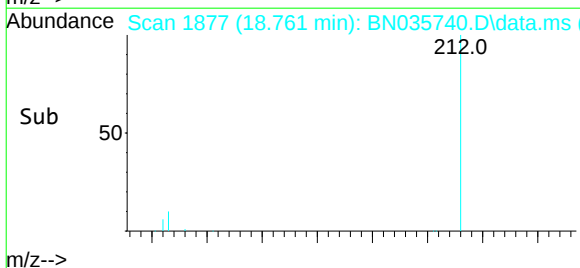
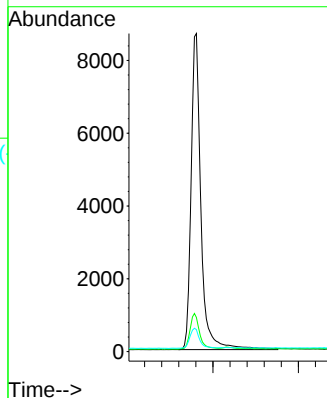
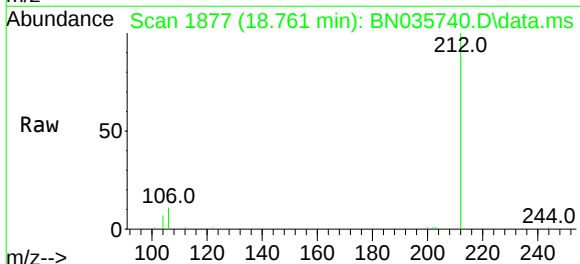
Tgt Ion:212 Resp: 13888

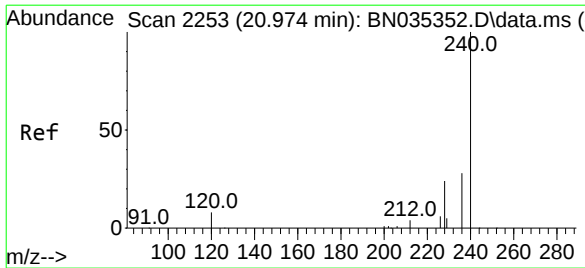
Ion Ratio Lower Upper

212 100

106 10.8 9.2 13.8

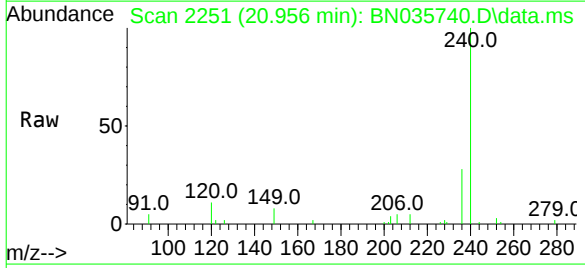
104 6.2 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

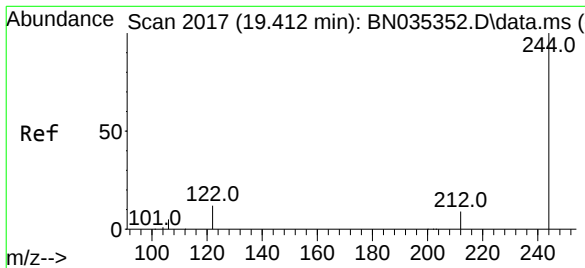
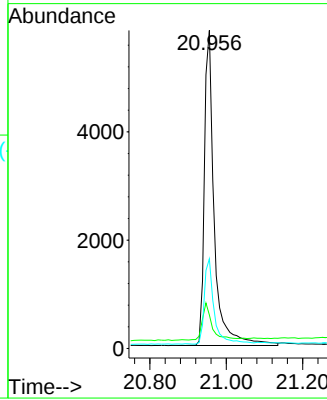
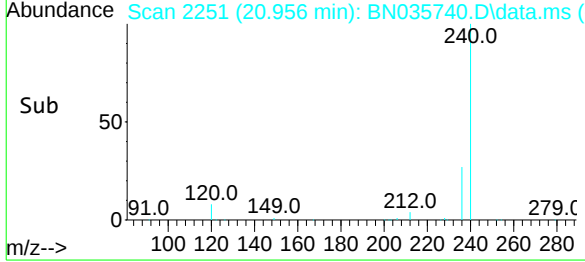
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210



Tgt Ion: 240 Resp: 10498
Ion Ratio Lower Upper
240 100
120 10.6 7.9 11.9
236 28.2 22.9 34.3

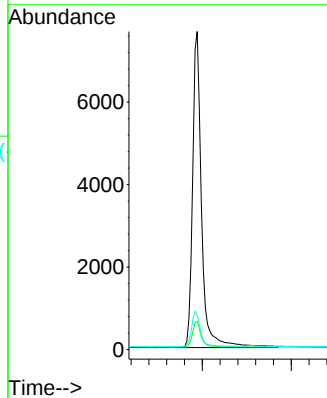
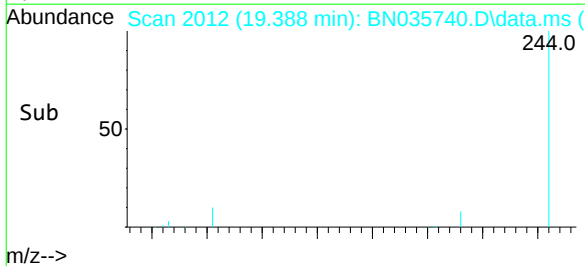
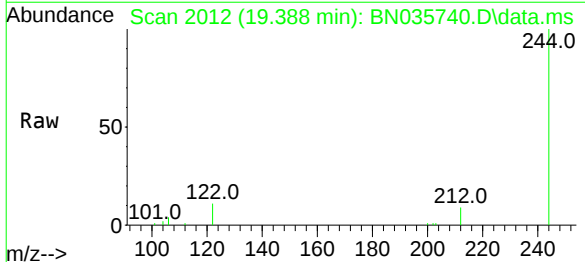
Manual Integrations
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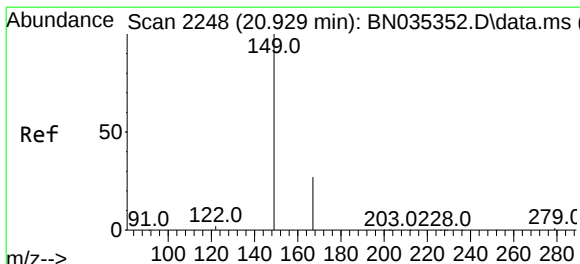
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.520 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035740.D
Acq: 20 Dec 2024 14:05

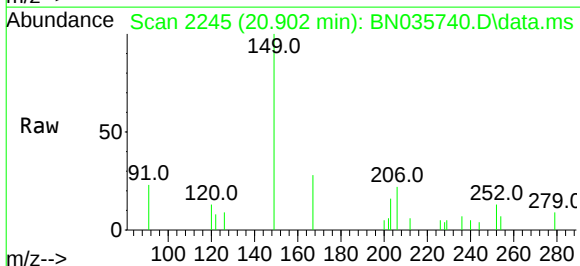
Tgt Ion: 244 Resp: 10774
Ion Ratio Lower Upper
244 100
212 8.8 8.1 12.1
122 11.0 10.3 15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 20.902 min Scan# 2248
 Delta R.T. -0.009 min
 Lab File: BN035740.D
 Acq: 20 Dec 2024 14:05

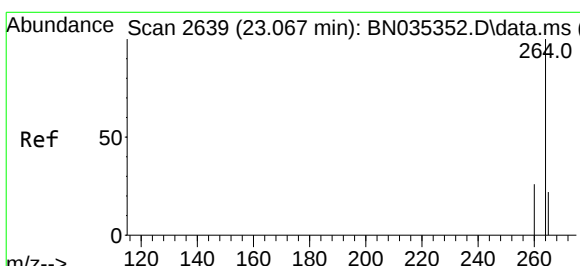
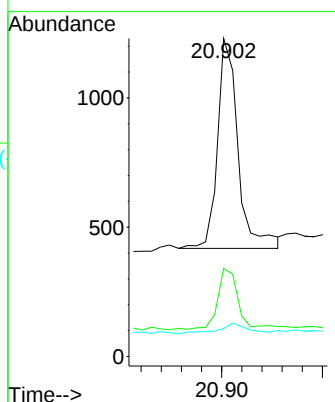
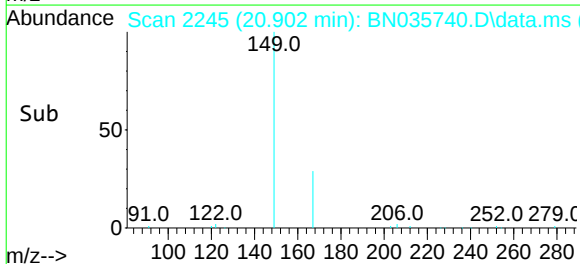
Instrument : BNA_N
 ClientSampleId : RE120D3-20241210



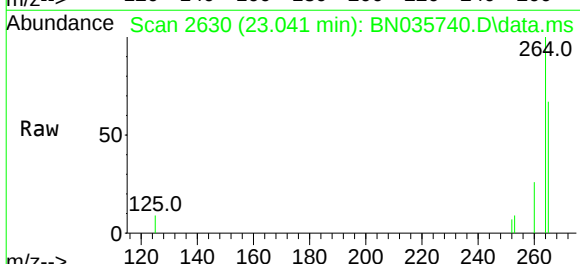
Tgt Ion:	149	Resp:	1150
Ion Ratio	100	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	7.0	2.7	4.1

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: BN035740.D
 Acq: 20 Dec 2024 14:05



Tgt Ion:	264	Resp:	10600
Ion Ratio	100	Lower	Upper
264	100		
260	26.1	21.4	32.2
265	66.8	40.2	60.4

