

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035769.D
 Acq On : 21 Dec 2024 07:37
 Operator : RC/JU
 Sample : P5281-04
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 22 23:48:53 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	7.264	152	2743	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6914	0.400	ng	# 0.00
13) Acenaphthene-d10	13.924	164	4609	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8869	0.400	ng	# 0.00
29) Chrysene-d12	20.955	240	6973	0.400	ng	# 0.00
35) Perylene-d12	23.041	264	7018	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.931	112	867	0.126	ng	0.00
5) Phenol-d6	6.484	99	464	0.056	ng	0.00
8) Nitrobenzene-d5	8.407	82	1775m	0.420	ng	0.00
11) 2-Methylnaphthalene-d10	11.620	152	4080	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	584	0.179	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6204	0.356	ng	0.00
27) Fluoranthene-d10	18.756	212	10621	0.422	ng	0.00
31) Terphenyl-d14	19.388	244	7951	0.578	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	14369	5.480	ng	97
34) Bis(2-ethylhexyl)phtha...	20.902	149	900	0.093	ng	# 99

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

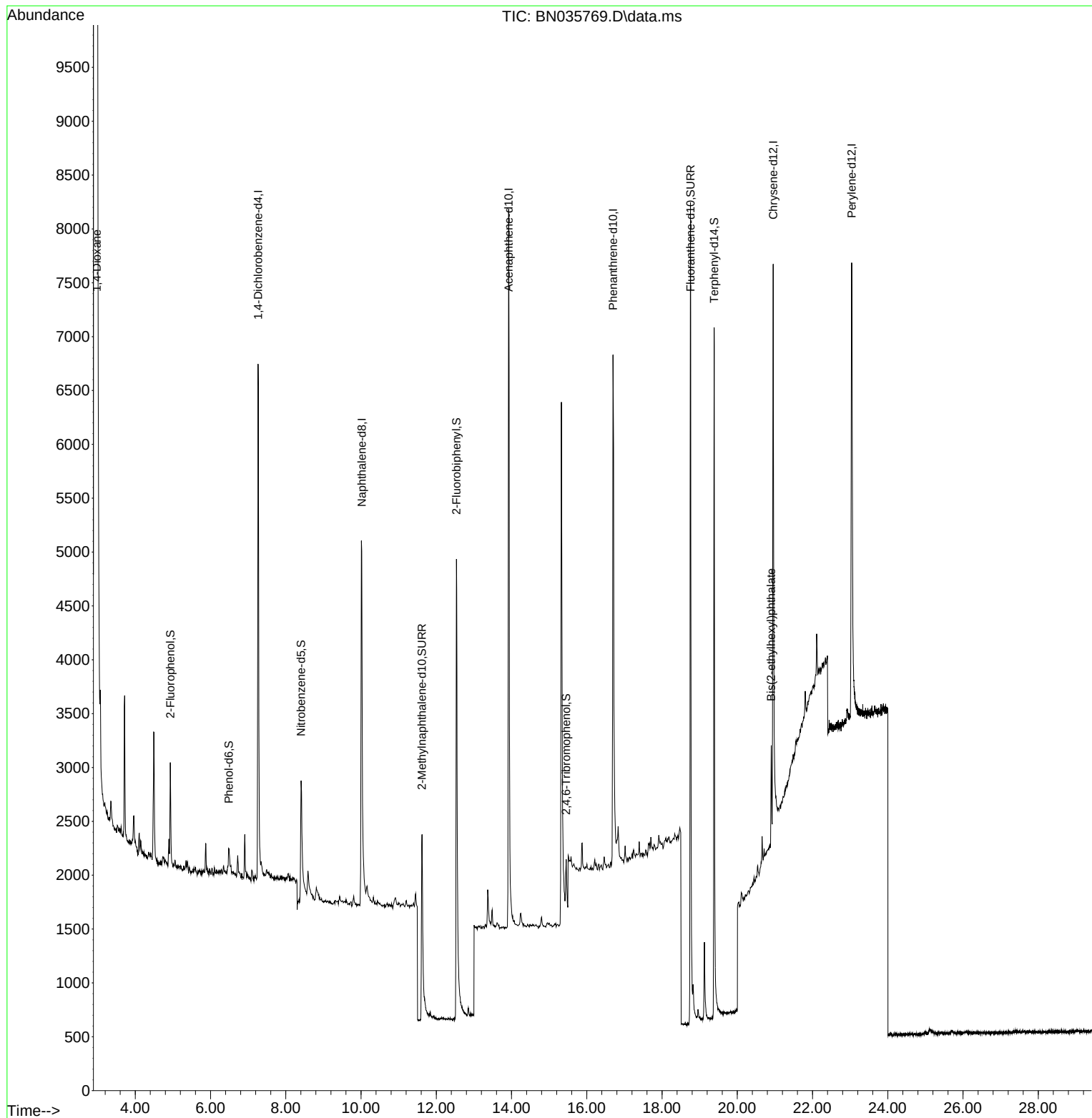
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035769.D
Acq On : 21 Dec 2024 07:37
Operator : RC/JU
Sample : P5281-04
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ALS Vial : 60 Sample Multiplier: 1

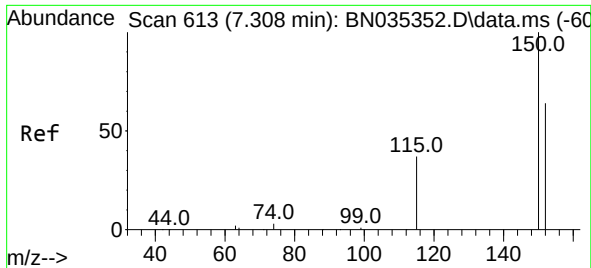
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

Quant Time: Dec 22 23:48:53 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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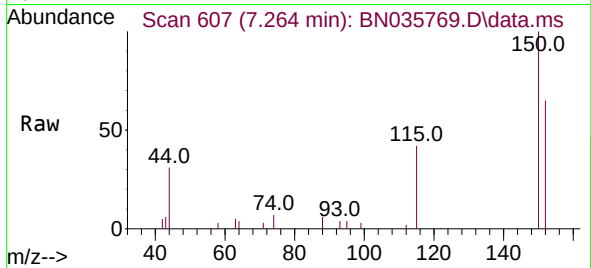
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

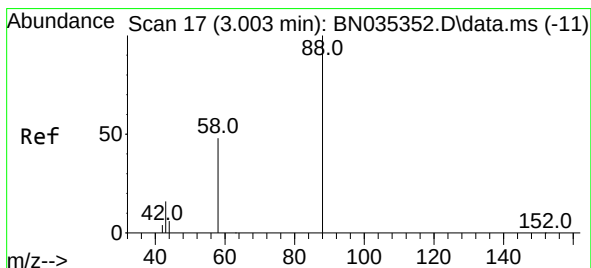
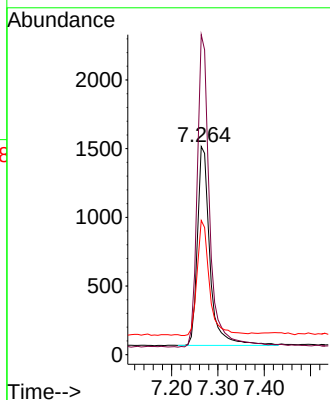
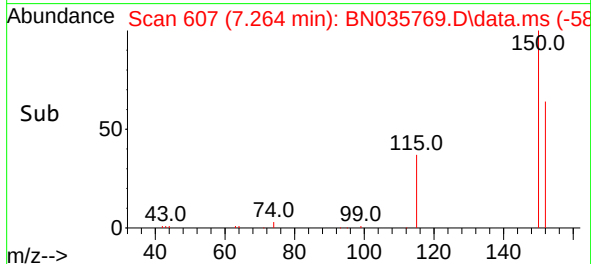
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



Tgt Ion:152 Resp: 274
Ion Ratio Lower Upper
152 100
150 153.7 124.0 186.0
115 64.4 49.6 74.4

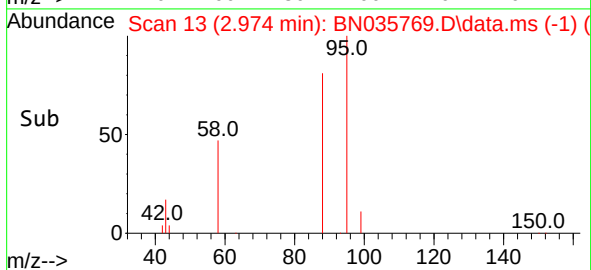
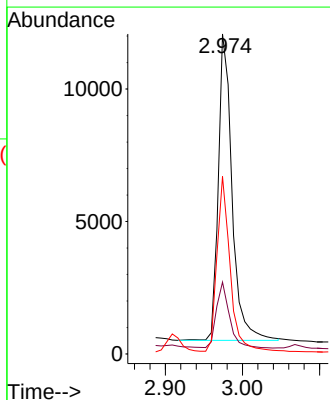
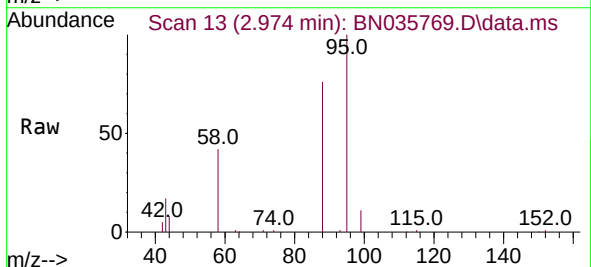
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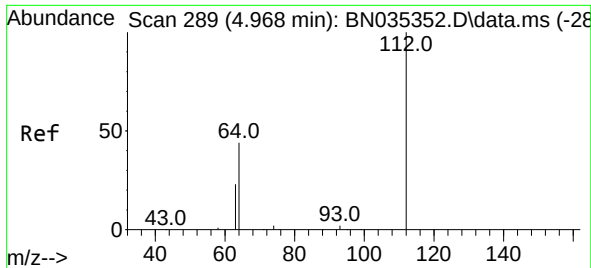
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 5.480 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.008 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

Tgt Ion: 88 Resp: 14369
Ion Ratio Lower Upper
88 100
43 20.4 17.2 25.8
58 53.7 44.5 66.7





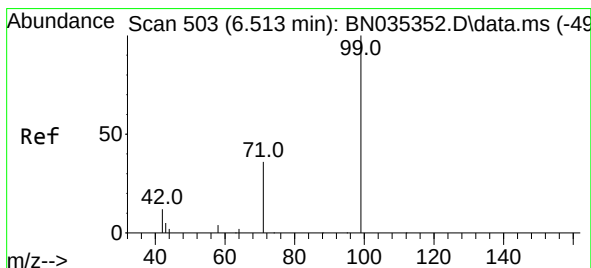
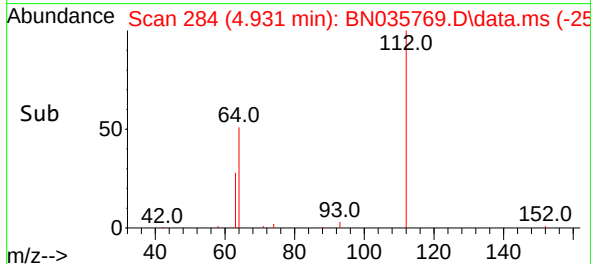
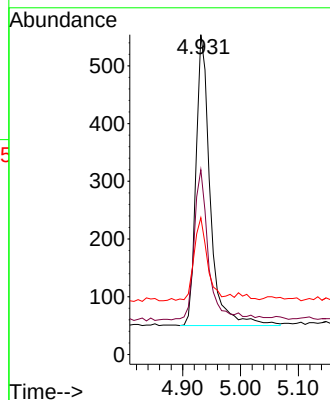
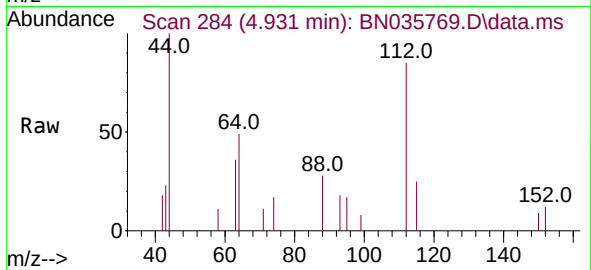
#4
2-Fluorophenol
Concen: 0.126 ng
RT: 4.931 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212

Tgt Ion: 112 Resp: 86
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.8
63 27.6 21.0 31.6

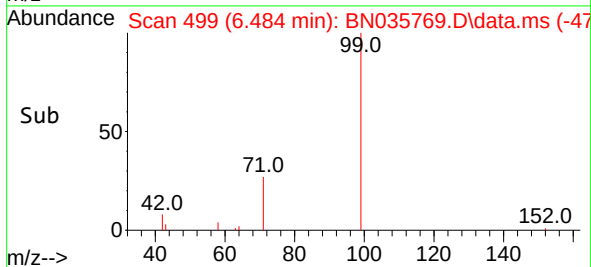
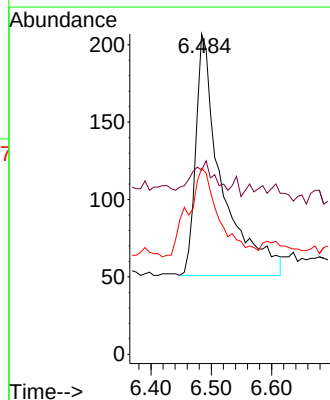
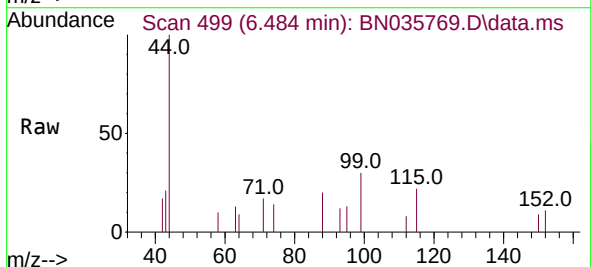
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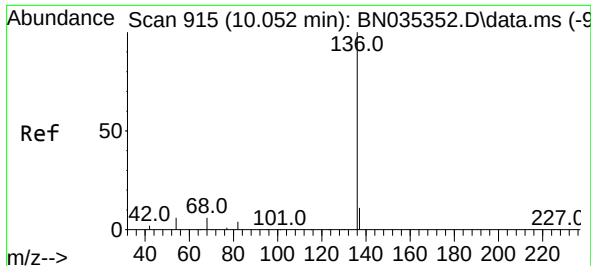
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.008 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

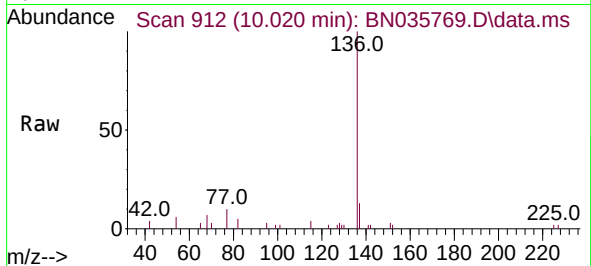
Tgt Ion: 99 Resp: 464
Ion Ratio Lower Upper
99 100
42 9.1 11.4 17.2#
71 44.4 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

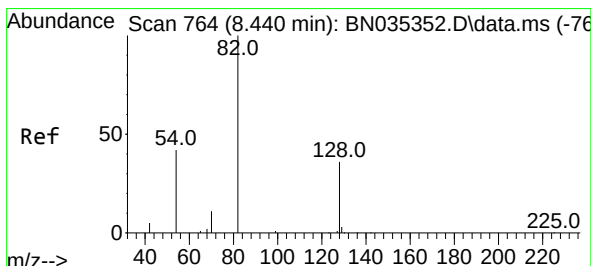
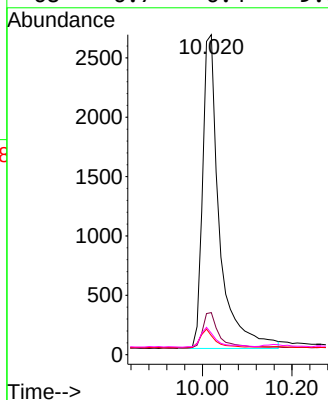
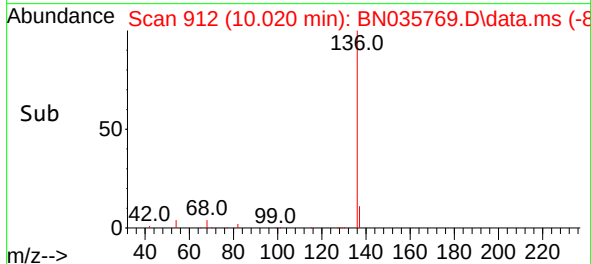
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.2	15.2
54	5.9	6.1	9.1
68	6.7	6.4	9.6

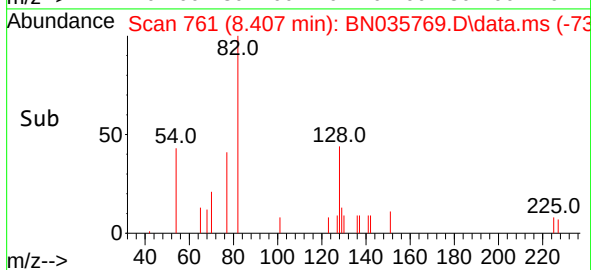
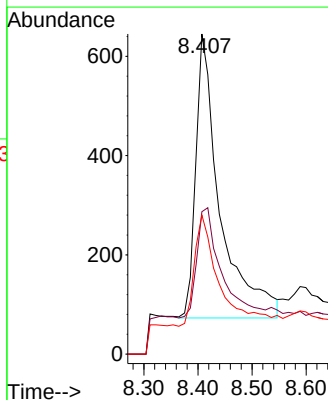
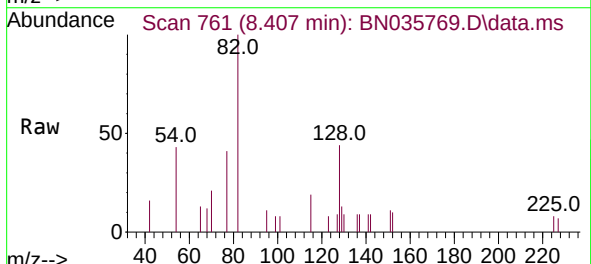
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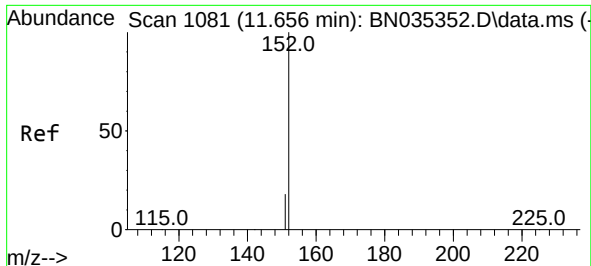
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#8
Nitrobenzene-d5
Concen: 0.420 ng m
RT: 8.407 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

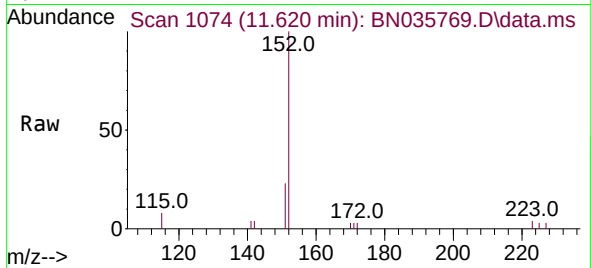
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.4	50.0
54	43.4	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 11.620 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

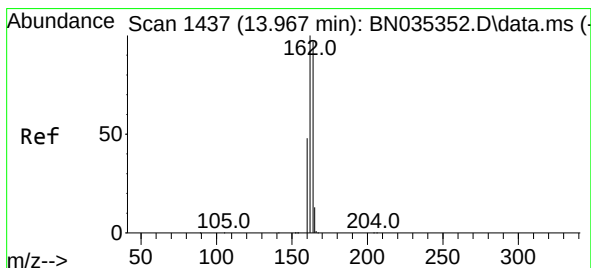
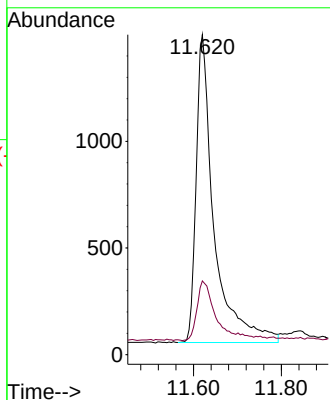
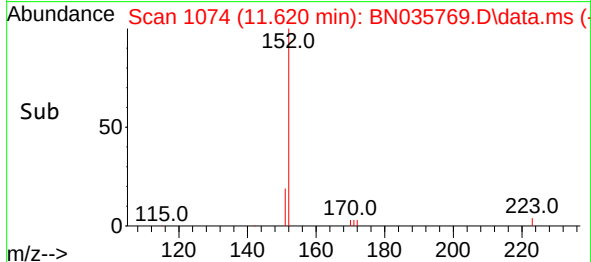
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



Tgt Ion:152 Resp: 4080
Ion Ratio Lower Upper
152 100
151 19.1 16.6 25.0

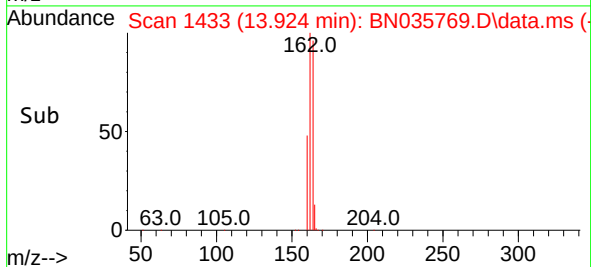
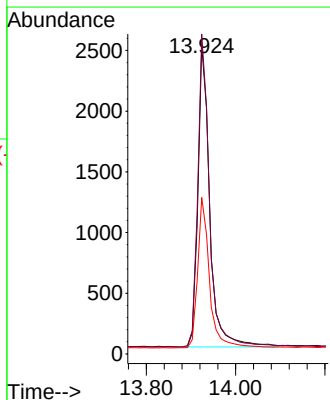
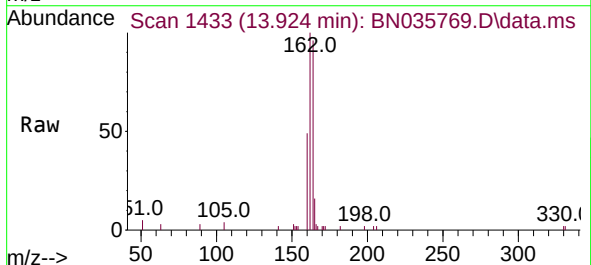
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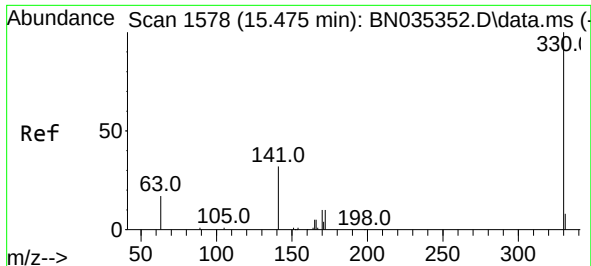
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

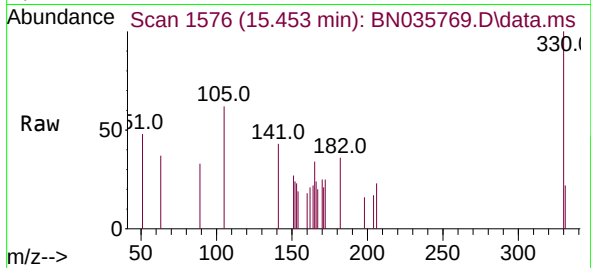
Tgt Ion:164 Resp: 4609
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 50.7 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

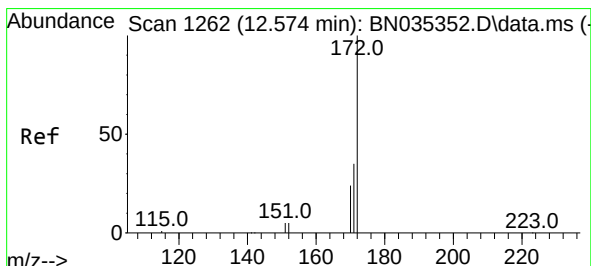
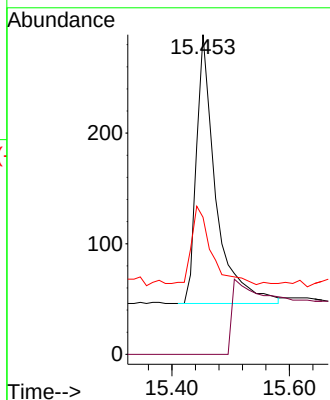
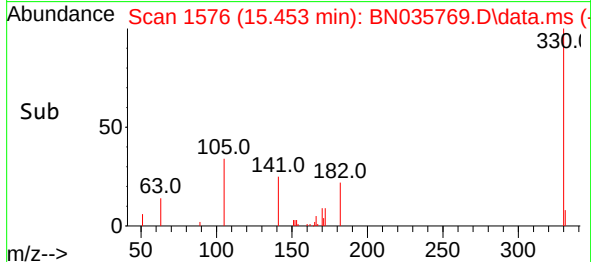
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



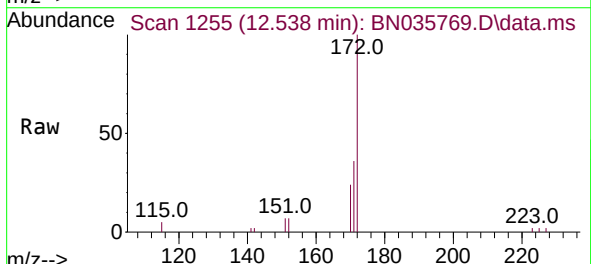
Tgt Ion:330 Resp: 584
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 26.6 40.0

Manual Integrations
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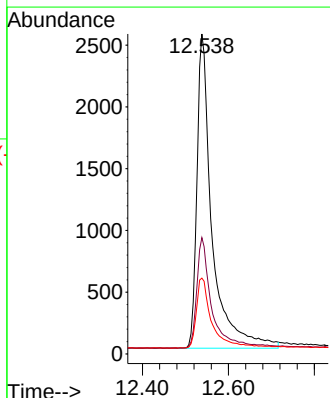
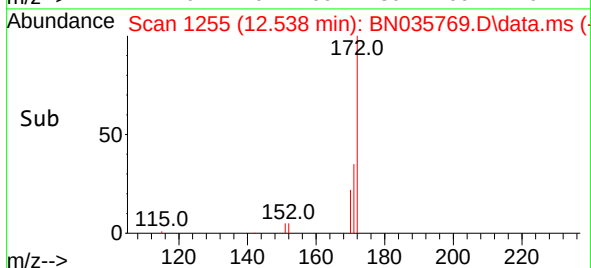
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

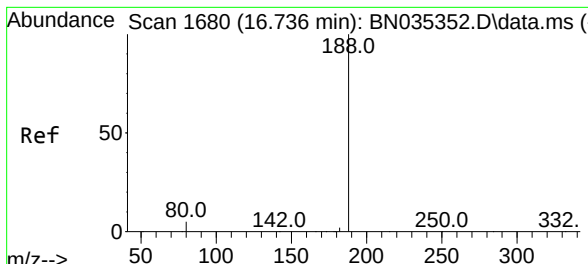


#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.538 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37



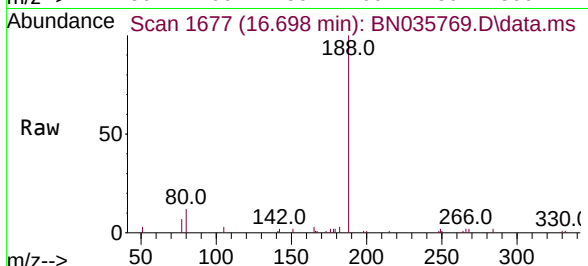
Tgt Ion:172 Resp: 6204
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 23.7 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

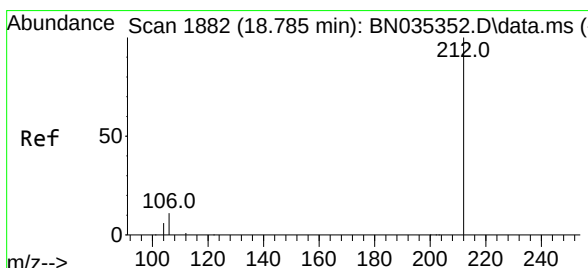
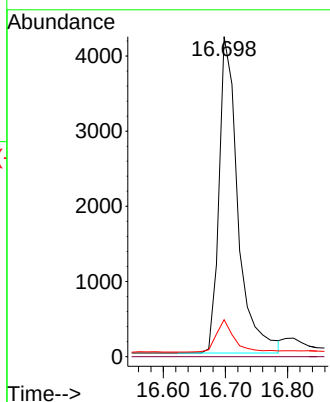
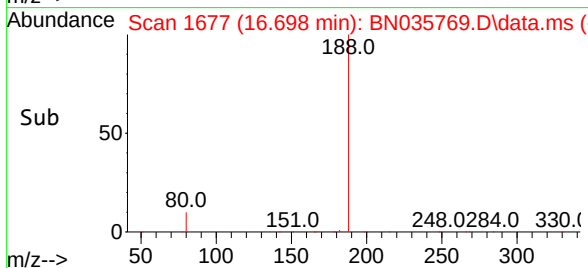
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



Tgt Ion:188 Resp: 8869
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 4.6 6.8

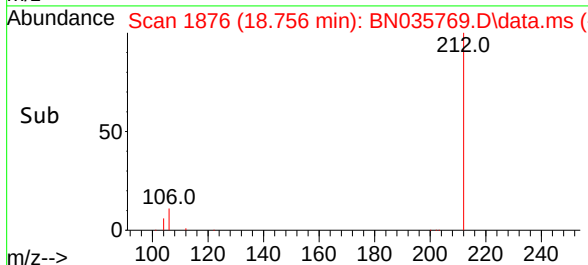
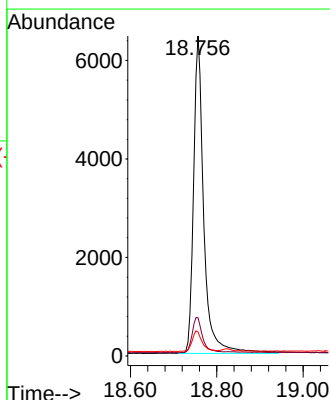
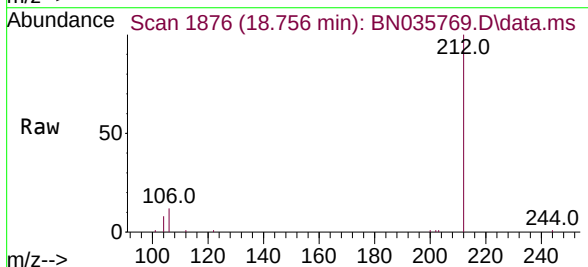
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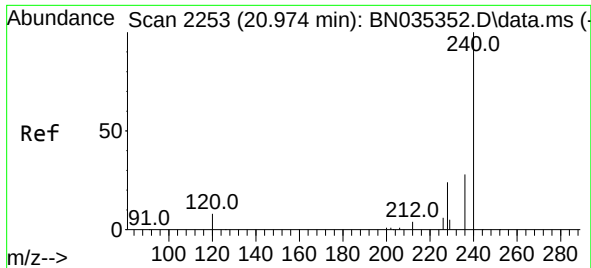
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 18.756 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

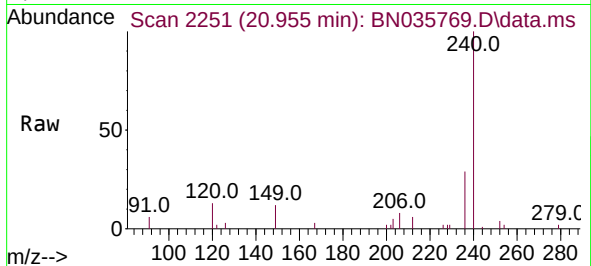
Tgt Ion:212 Resp: 10621
Ion Ratio Lower Upper
212 100
106 11.3 9.2 13.8
104 6.2 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.955 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

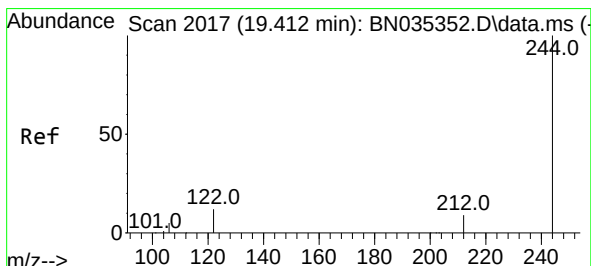
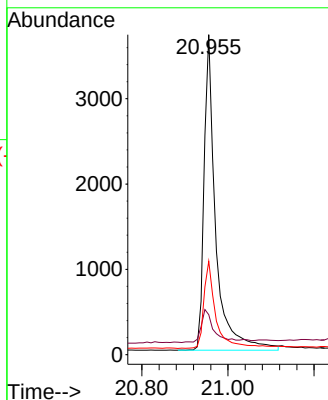
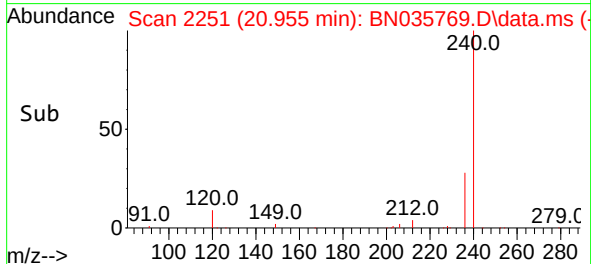
Instrument :
BNA_N
ClientSampleId :
TT101D2-20241212



Tgt Ion:240 Resp: 697
Ion Ratio Lower Upper
240 100
120 12.5 7.9 11.9
236 29.2 22.9 34.3

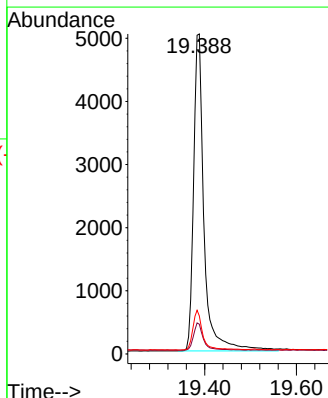
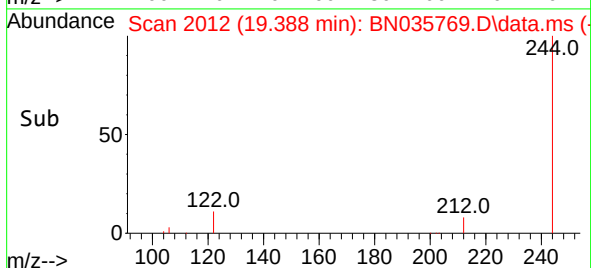
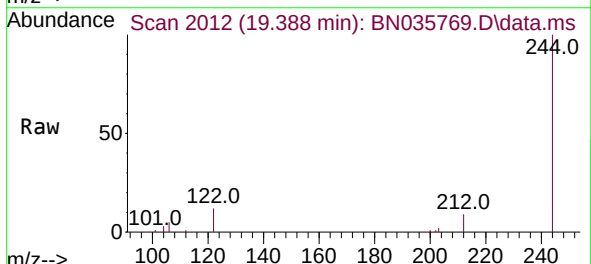
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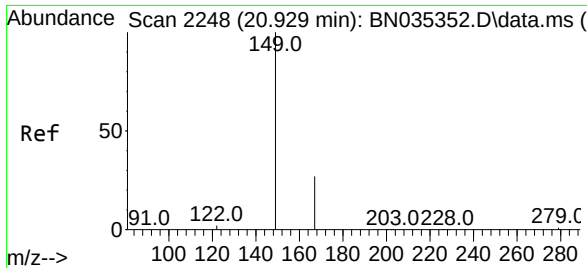
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.578 ng
RT: 19.388 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035769.D
Acq: 21 Dec 2024 07:37

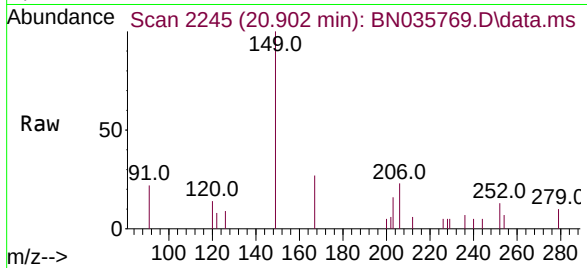
Tgt Ion:244 Resp: 7951
Ion Ratio Lower Upper
244 100
212 9.3 8.1 12.1
122 11.9 10.3 15.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035769.D
 Acq: 21 Dec 2024 07:37

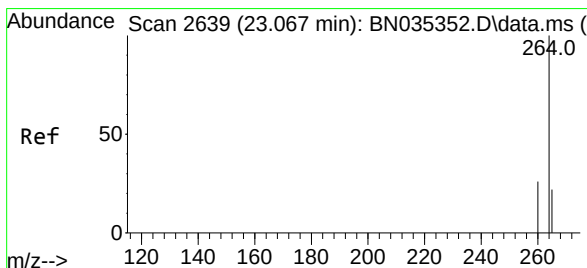
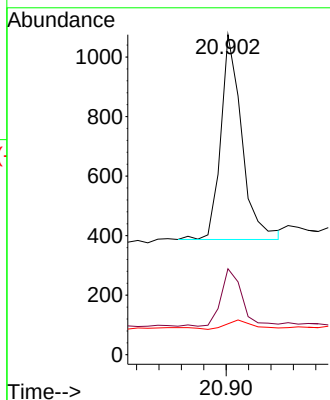
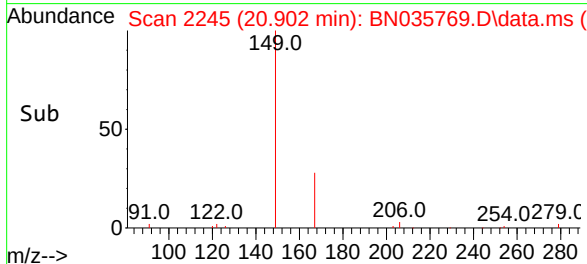
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20241212



Tgt Ion:149 Resp: 900
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 5.9 2.7 4.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 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: BN035769.D
 Acq: 21 Dec 2024 07:37

Tgt Ion:264 Resp: 7018
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.4 32.2
 265 93.9 40.2 60.4

