

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036450.D
 Acq On : 12 Feb 2025 21:12
 Operator : RC/JU
 Sample : Q1327-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-540-542

Quant Time: Feb 12 23:17:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2852	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	7637	0.400	ng	# 0.00
13) Acenaphthene-d10	14.388	164	4410	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	11189	0.400	ng	# 0.00
29) Chrysene-d12	21.322	240	8988	0.400	ng	# 0.00
35) Perylene-d12	23.587	264	2010	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1447	0.215	ng	0.00
5) Phenol-d6	6.930	99	1369	0.173	ng	0.00
8) Nitrobenzene-d5	8.897	82	1845	0.245	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	3049	0.260	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	784	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	5775	0.348	ng	-0.01
27) Fluoranthene-d10	19.164	212	9345	0.300	ng	0.00
31) Terphenyl-d14	19.764	244	8624	0.450	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	3525m	1.130	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.232	149	4166	0.226	ng	99

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

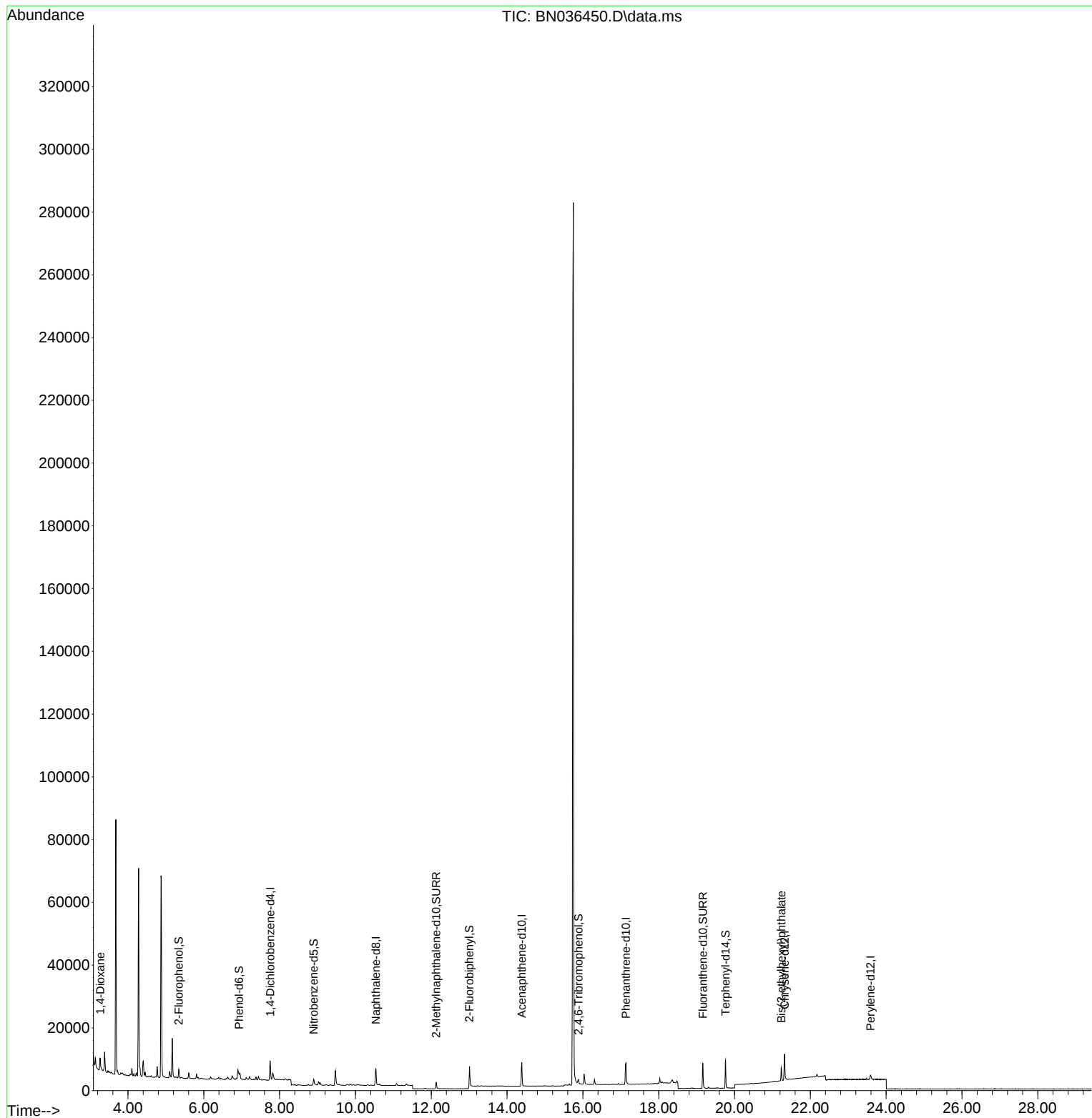
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036450.D
Acq On : 12 Feb 2025 21:12
Operator : RC/JU
Sample : Q1327-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

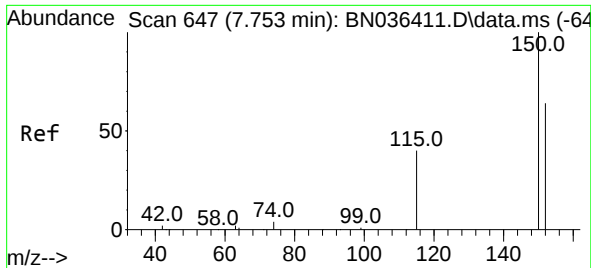
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-540-542

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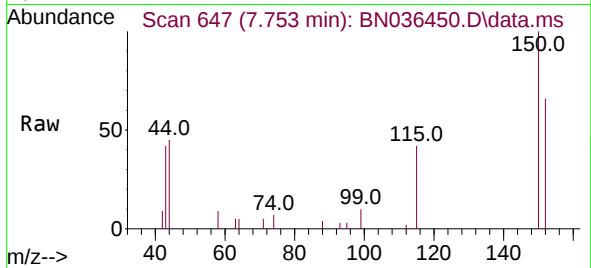
Quant Time: Feb 12 23:17:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036450.D
 Acq: 12 Feb 2025 21:12

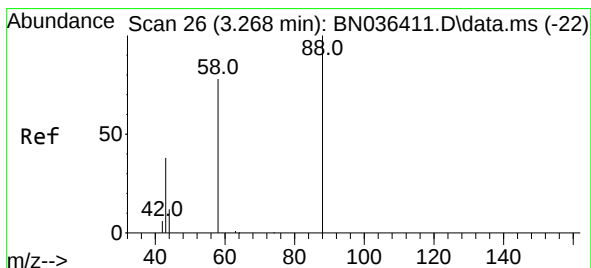
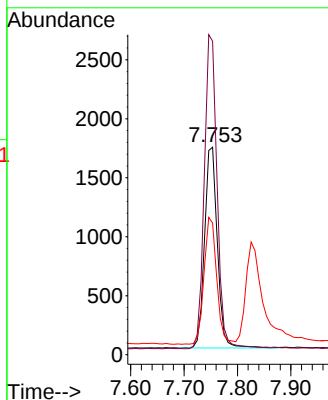
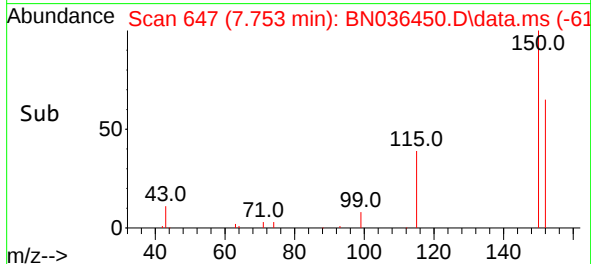
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-540-542



Tgt Ion: 152 Resp: 2852
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.7 185.5
 115 63.4 52.5 78.7

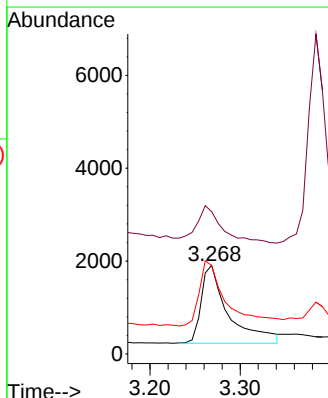
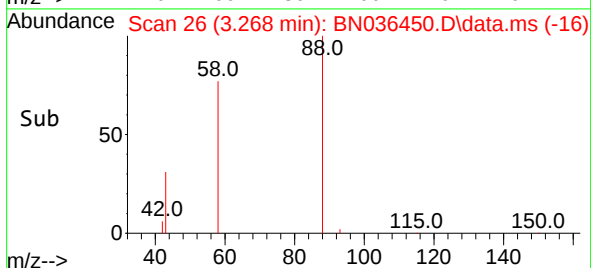
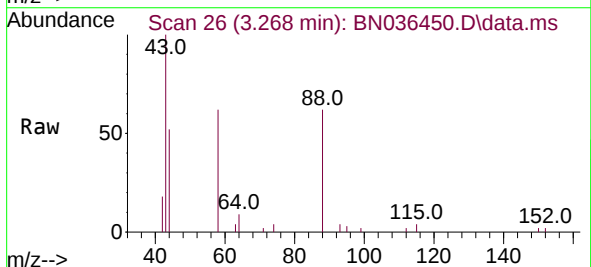
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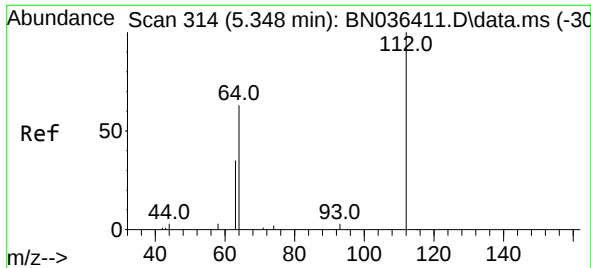
Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#2
 1,4-Dioxane
 Concen: 1.130 ng m
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN036450.D
 Acq: 12 Feb 2025 21:12

Tgt Ion: 88 Resp: 3525
 Ion Ratio Lower Upper
 88 100
 43 33.2 33.7 50.5#
 58 74.1 68.9 103.3





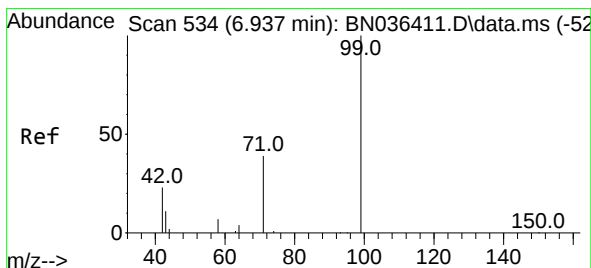
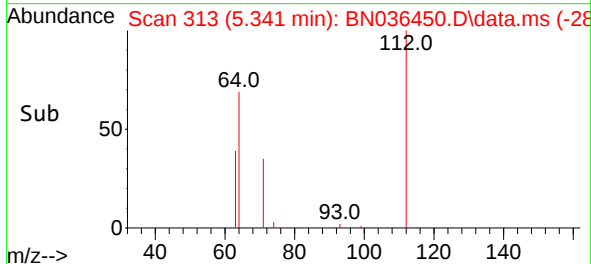
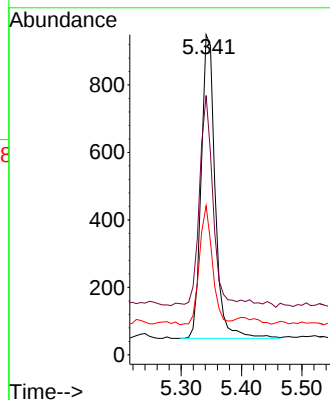
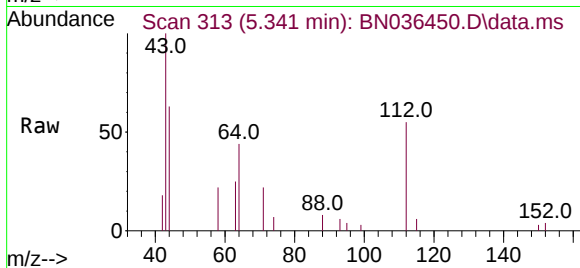
#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-540-542

Tgt Ion: 112 Resp: 144
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.0
63 36.4 30.3 45.5

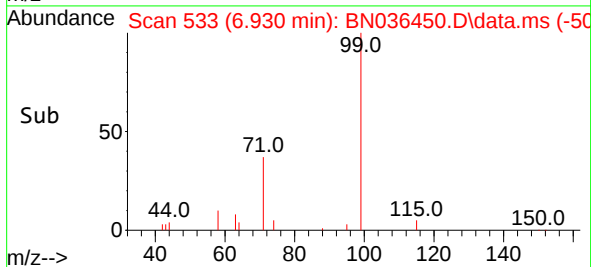
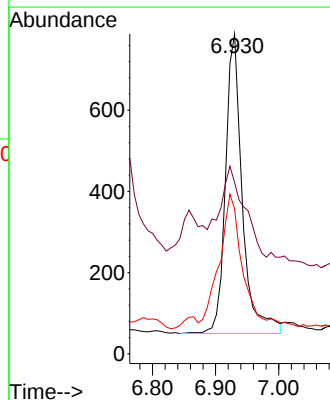
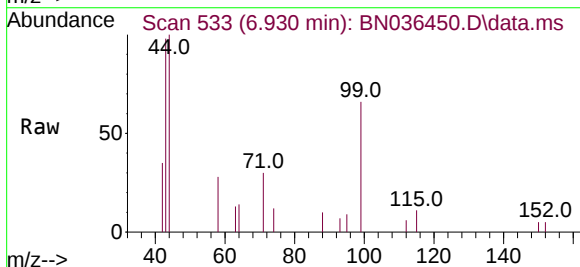
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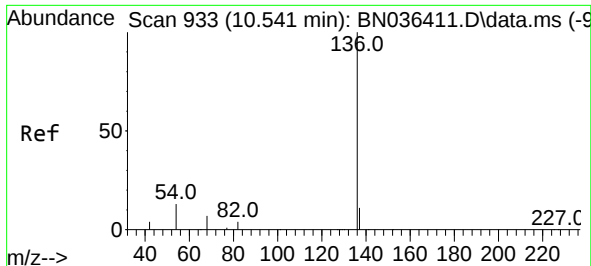
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#5
Phenol-d6
Concen: 0.173 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

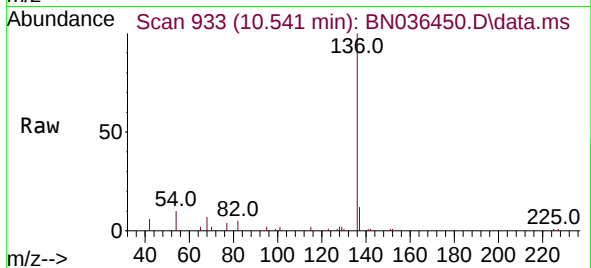
Tgt Ion: 99 Resp: 1369
Ion Ratio Lower Upper
99 100
42 44.2 21.7 32.5#
71 61.8 32.6 49.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

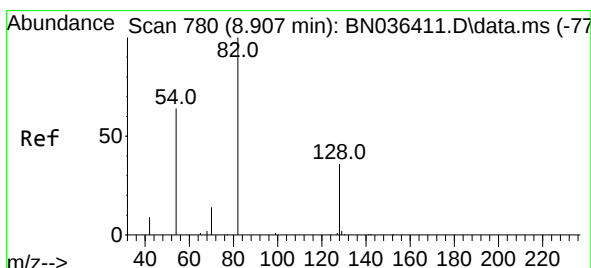
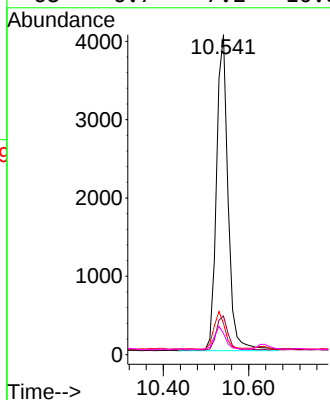
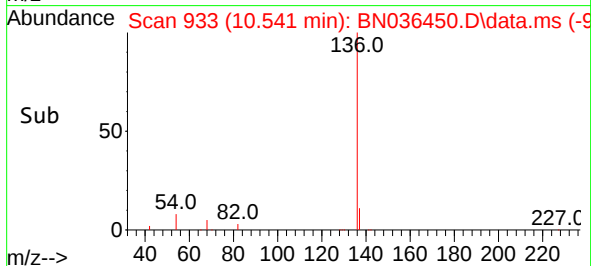
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-540-542



Tgt Ion: 136 Resp: 763
Ion Ratio Lower Upper
136 100
137 12.1 10.1 15.1
54 9.7 11.8 17.6
68 6.7 7.2 10.8#

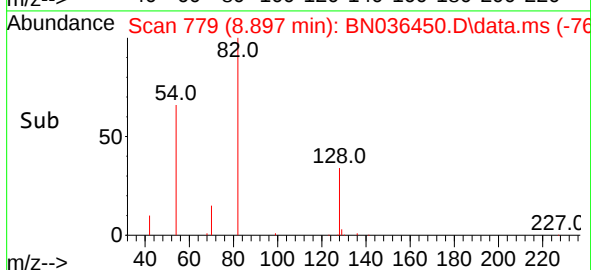
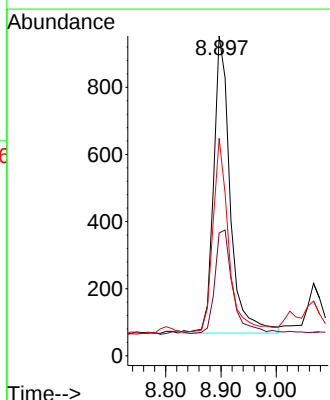
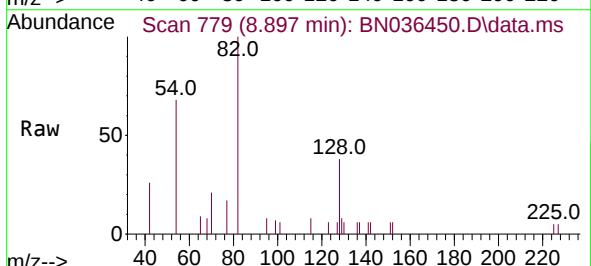
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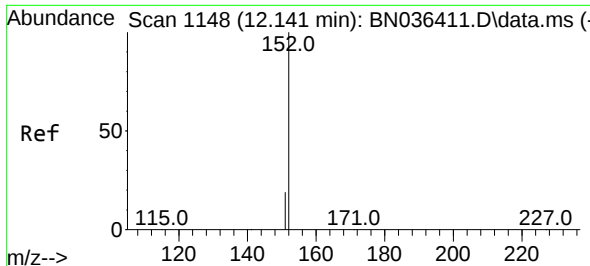
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Supervised By :Jagrut Upadhyay 02/13/2025



#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

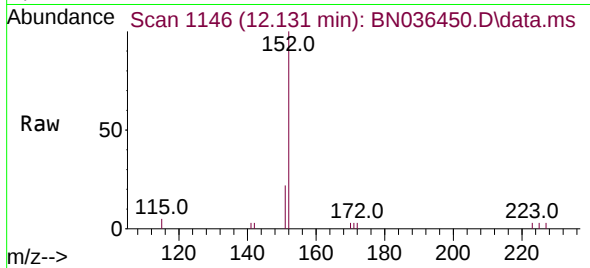
Tgt Ion: 82 Resp: 1845
Ion Ratio Lower Upper
82 100
128 38.4 31.9 47.9
54 68.0 53.1 79.7





#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

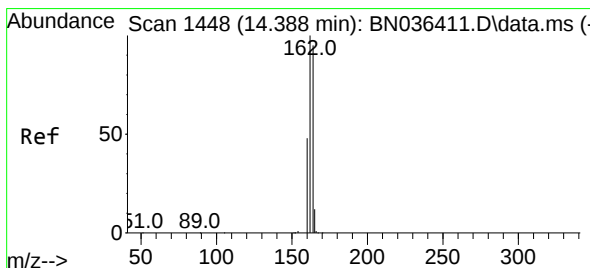
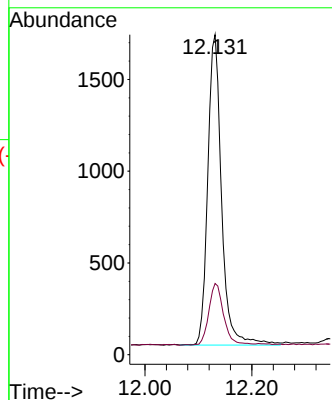
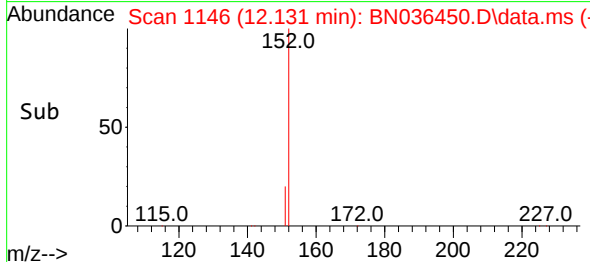
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-540-542



Tgt Ion:152 Resp: 3049
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0

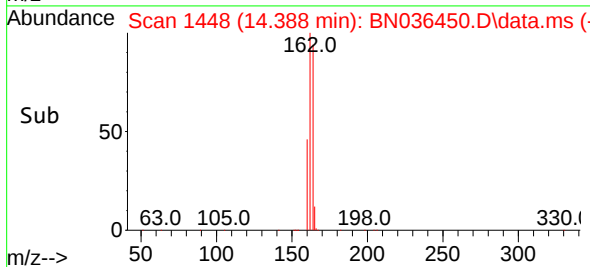
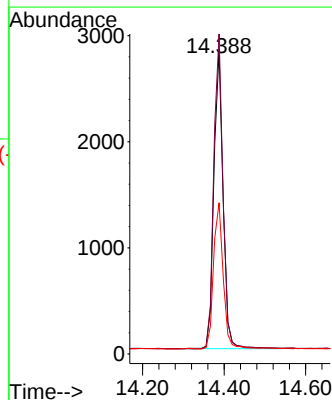
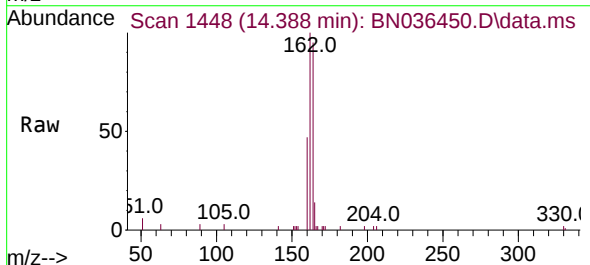
Manual Integrations
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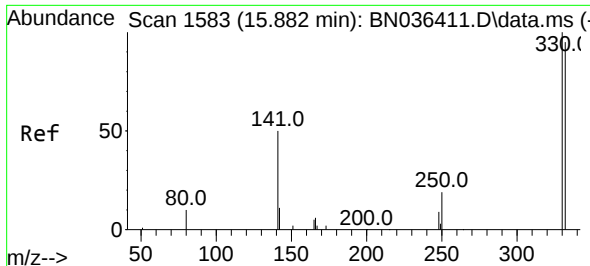
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

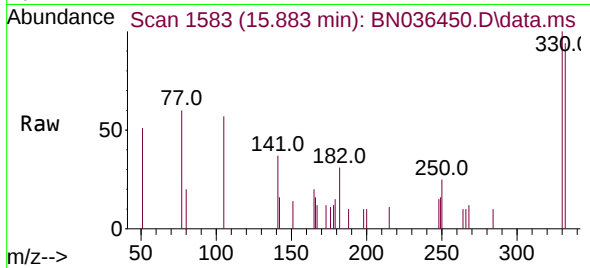
Tgt Ion:164 Resp: 4410
Ion Ratio Lower Upper
164 100
162 105.7 84.1 126.1
160 50.0 41.4 62.0





#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

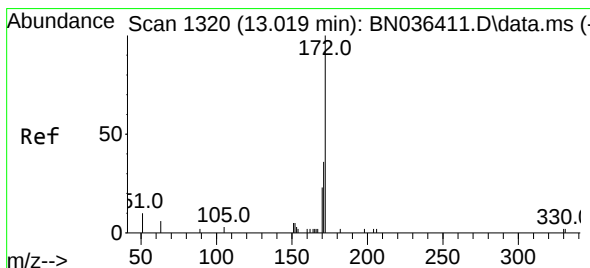
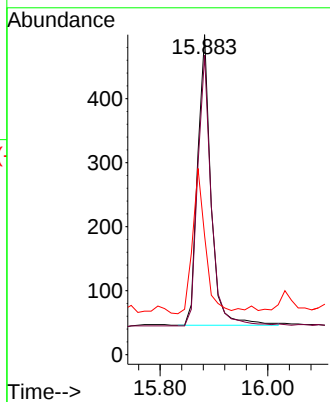
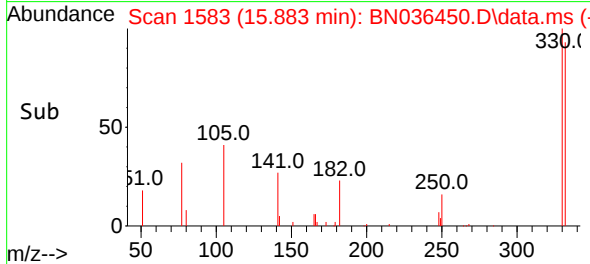
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-540-542



Tgt Ion:330 Resp: 784
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 48.3 37.8 56.8

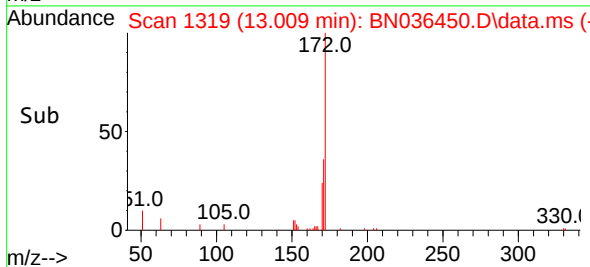
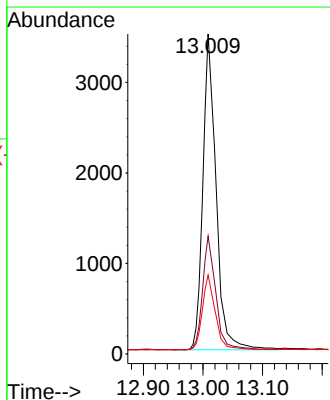
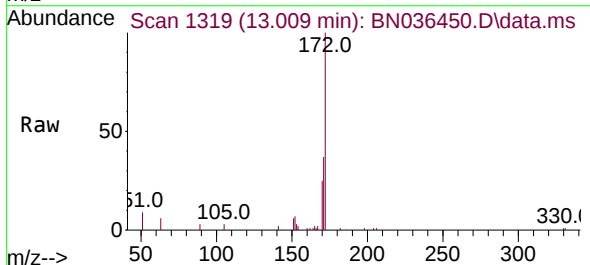
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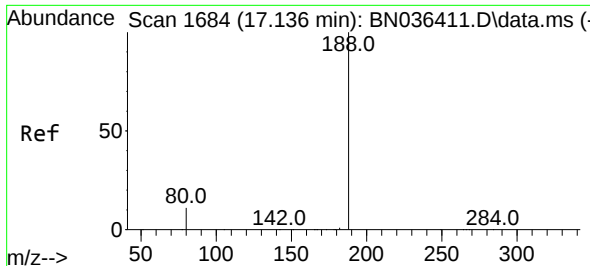
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.009 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

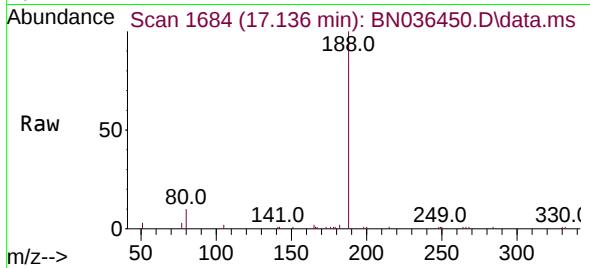
Tgt Ion:172 Resp: 5775
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.8 29.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

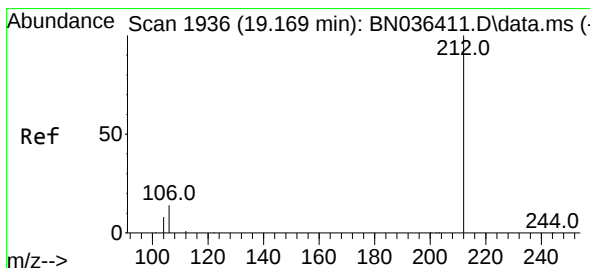
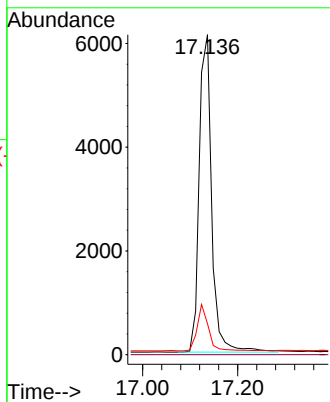
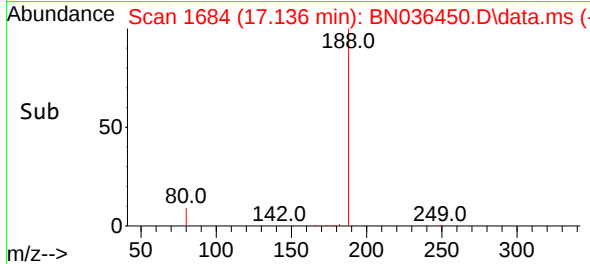
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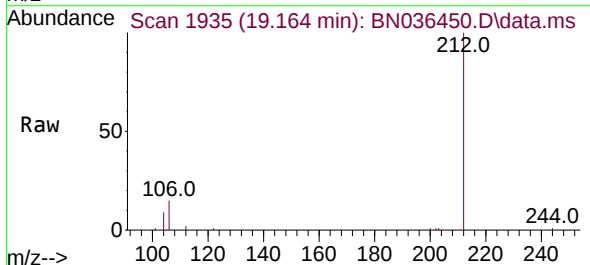
Tgt Ion:188 Resp: 1118
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.8 14.6

Manual Integrations
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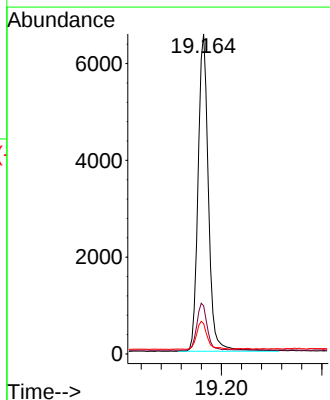
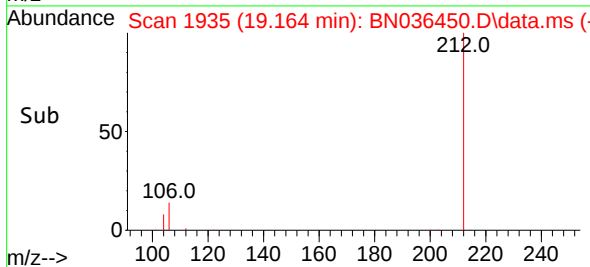
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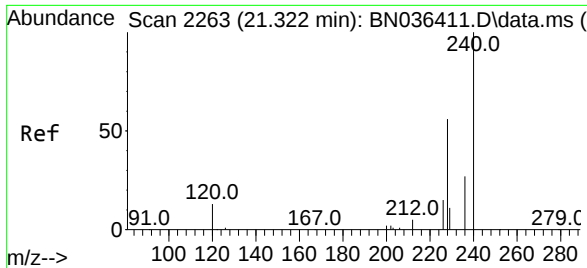


#27
Fluoranthene-d10
Concen: 0.300 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12



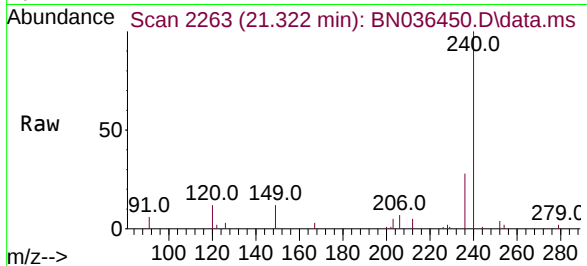
Tgt Ion:212 Resp: 9345
Ion Ratio Lower Upper
212 100
106 15.1 11.5 17.3
104 8.9 7.1 10.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

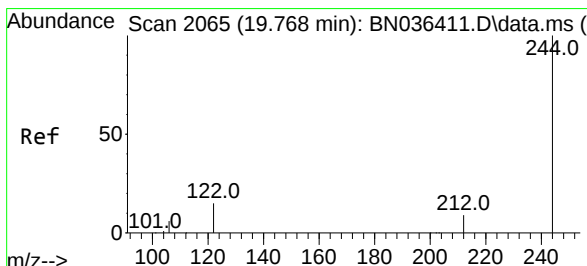
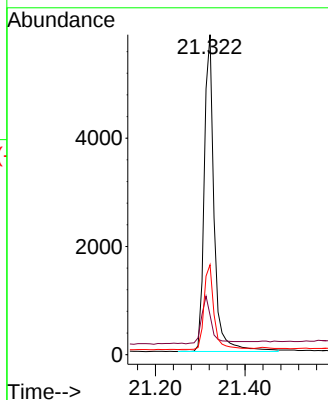
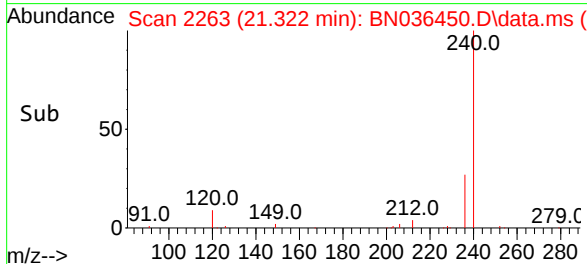
Instrument :
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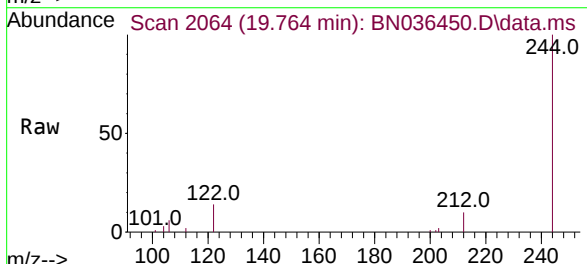
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Ion Ratio Lower Upper
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120 12.4 13.3 19.9
236 28.1 23.0 34.6

Manual Integrations
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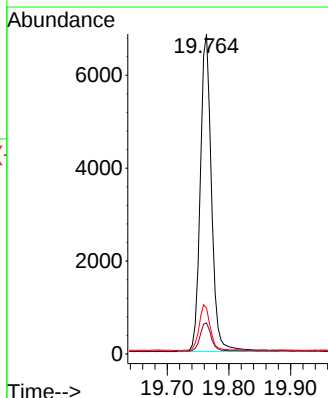
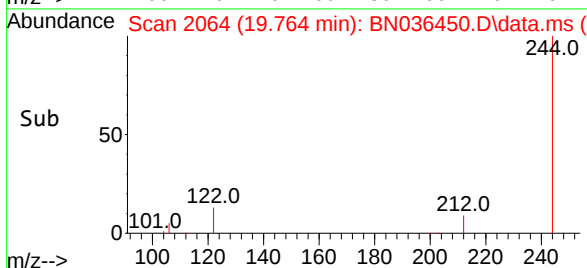
Reviewed By :Anahy Claudio 02/13/2025
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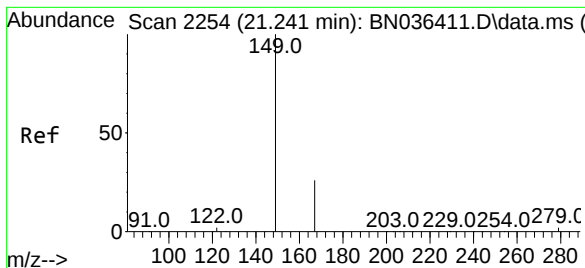


#31
Terphenyl-d14
Concen: 0.450 ng
RT: 19.764 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12



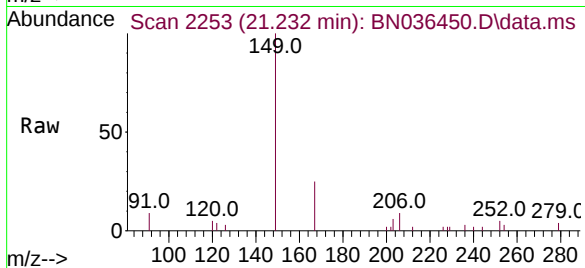
Tgt Ion:244 Resp: 8624
Ion Ratio Lower Upper
244 100
212 9.7 8.1 12.1
122 14.4 12.8 19.2





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.226 ng
RT: 21.232 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

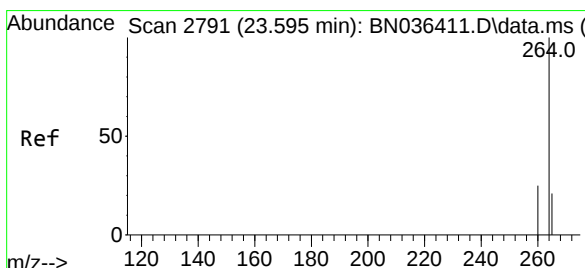
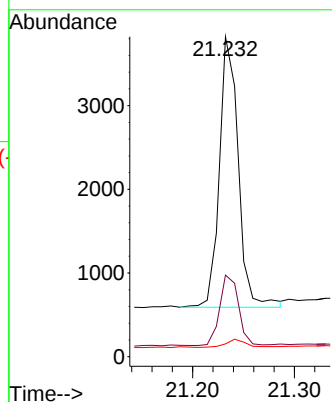
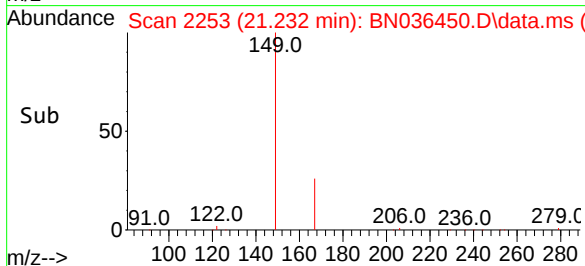
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-540-542



Tgt Ion:149 Resp: 4160
Ion Ratio Lower Upper
149 100
167 25.9 21.2 31.8
279 3.3 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.587 min Scan# 2788
Delta R.T. -0.009 min
Lab File: BN036450.D
Acq: 12 Feb 2025 21:12

Tgt Ion:264 Resp: 2010
Ion Ratio Lower Upper
264 100
260 30.7 20.9 31.3
265 227.7 60.7 91.1#

