

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
 Data File : BN036529.D
 Acq On : 05 Mar 2025 18:07
 Operator : RC/JU
 Sample : Q1477-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250228

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025

Quant Time: Mar 06 00:44:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1825	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4151	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2616	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5706	0.400	ng	0.00
29) Chrysene-d12	21.295	240	5791	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	5265	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	708	0.164	ng	0.00
5) Phenol-d6	6.908	99	525	0.104	ng	0.00
8) Nitrobenzene-d5	8.886	82	1275	0.311	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	1941	0.304	ng	0.01
14) 2,4,6-Tribromophenol	15.858	330	471	0.363	ng	0.00
15) 2-Fluorobiphenyl	12.993	172	4787	0.487	ng	0.00
27) Fluoranthene-d10	19.141	212	7266	0.458	ng	0.00
31) Terphenyl-d14	19.745	244	6098	0.493	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.173	202	479	0.024	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.214	149	1753	0.148	ng	# 92

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

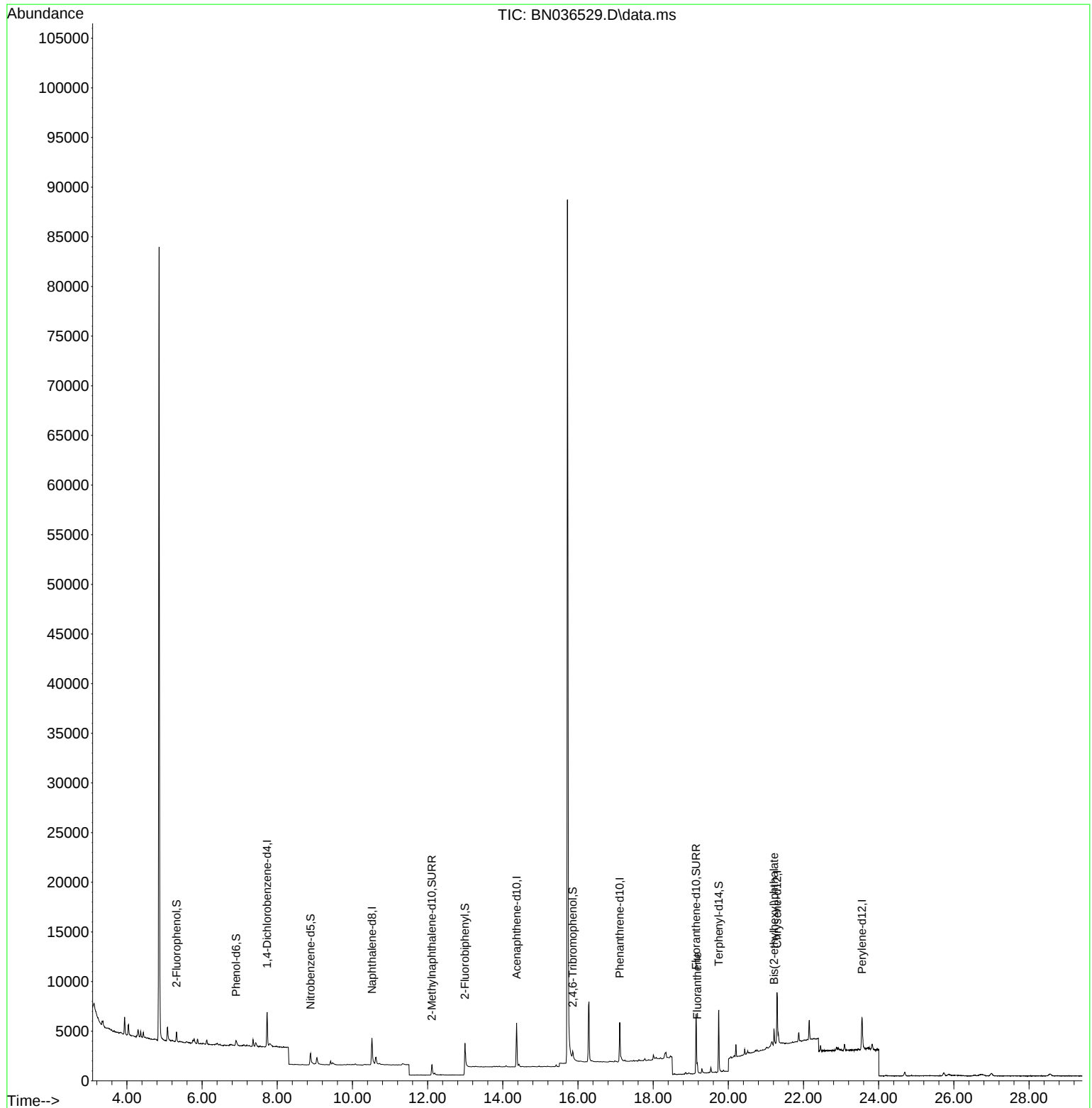
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
Data File : BN036529.D
Acq On : 05 Mar 2025 18:07
Operator : RC/JU
Sample : Q1477-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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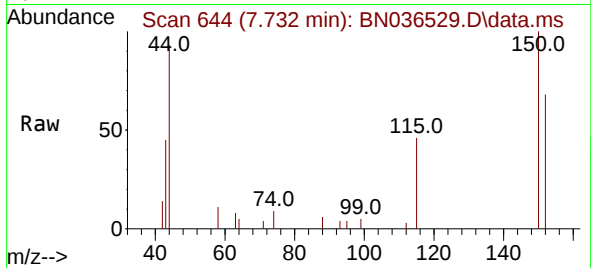
Quant Time: Mar 06 00:44:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

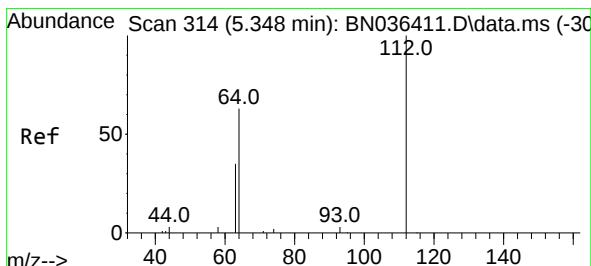
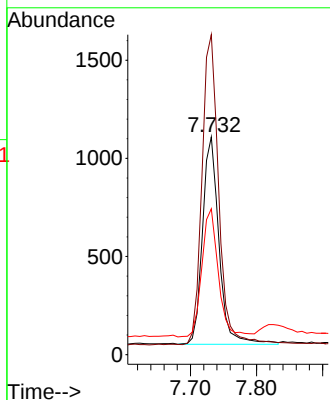
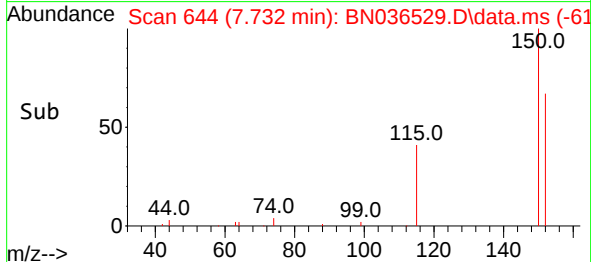
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250228



Tgt Ion:152 Resp: 182
Ion Ratio Lower Upper
152 100
150 147.0 123.7 185.5
115 67.0 52.5 78.7

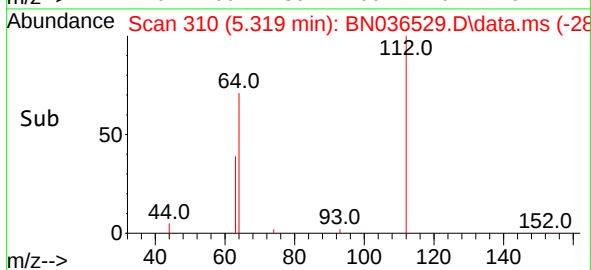
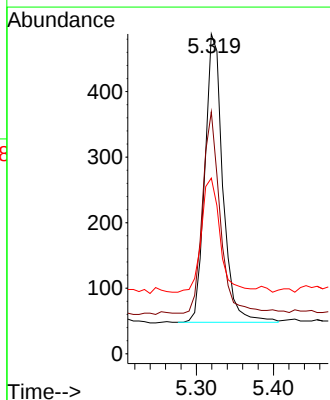
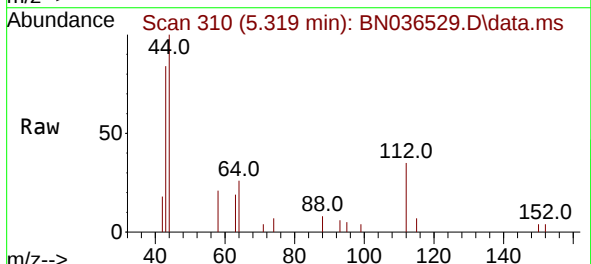
Manual Integrations
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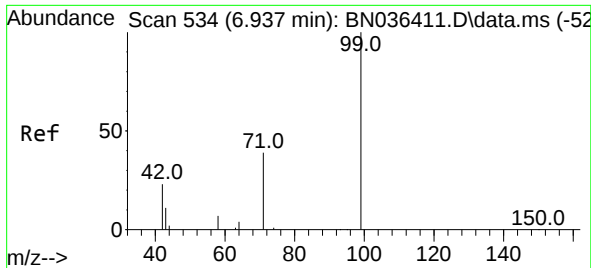
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

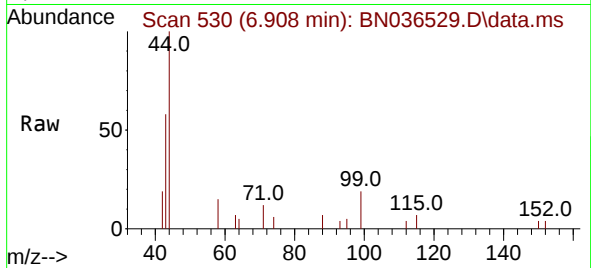
Tgt Ion:112 Resp: 708
Ion Ratio Lower Upper
112 100
64 68.5 53.4 80.0
63 42.4 30.3 45.5





#5
Phenol-d6
Concen: 0.104 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

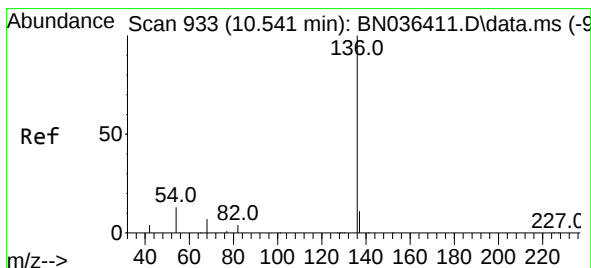
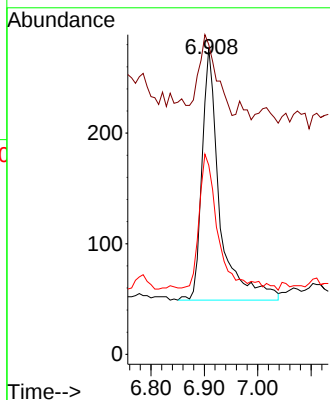
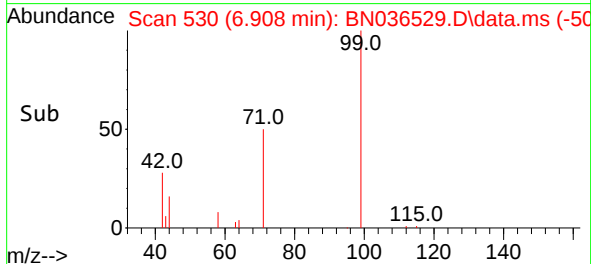
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250228



Tgt Ion: 99 Resp: 52
Ion Ratio Lower Upper
99 100
42 31.2 21.7 32.5
71 53.0 32.6 49.0

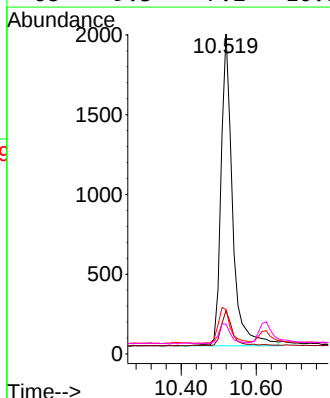
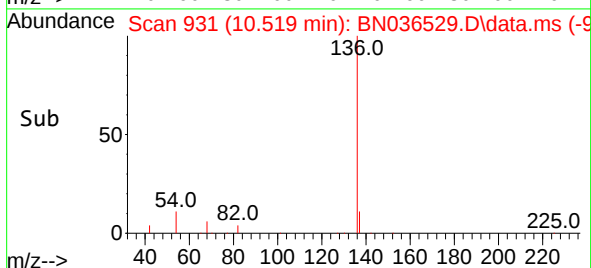
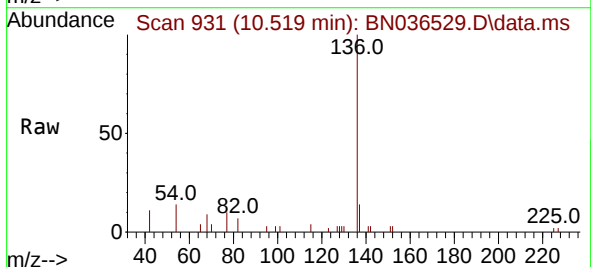
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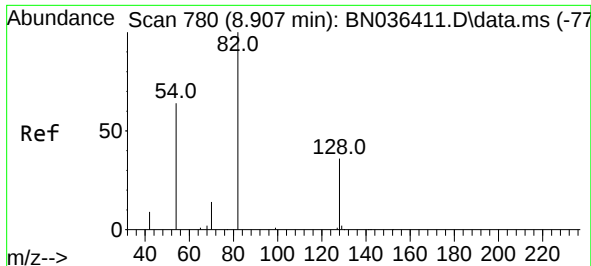
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

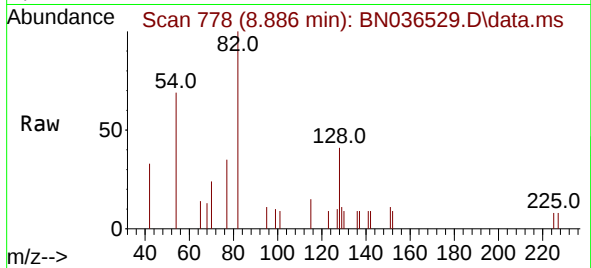
Tgt Ion:136 Resp: 4151
Ion Ratio Lower Upper
136 100
137 13.6 10.1 15.1
54 13.9 11.8 17.6
68 9.3 7.2 10.8





#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

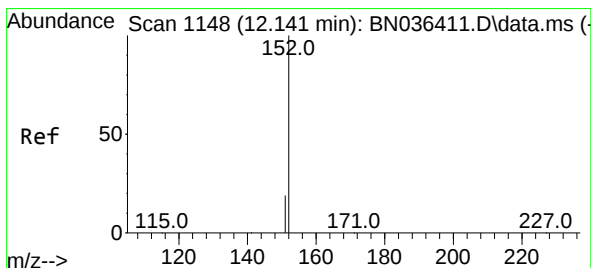
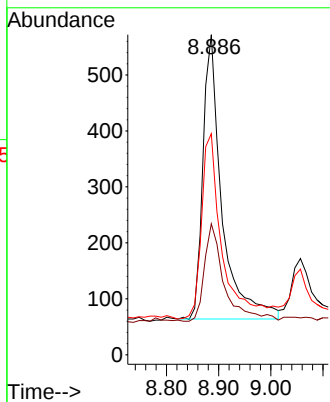
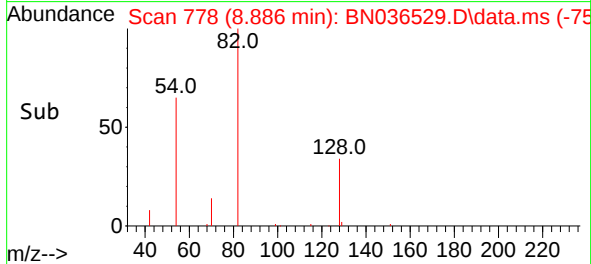
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250228



Tgt Ion: 82 Resp: 1275
Ion Ratio Lower Upper
82 100
128 40.9 31.9 47.9
54 69.1 53.1 79.7

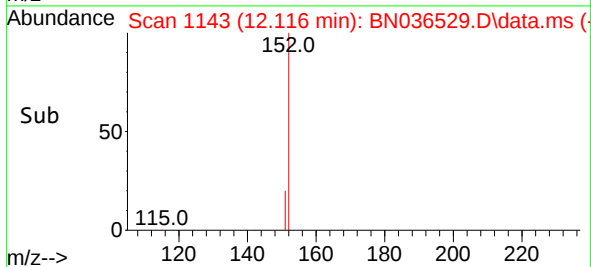
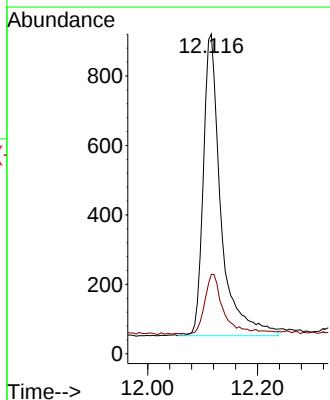
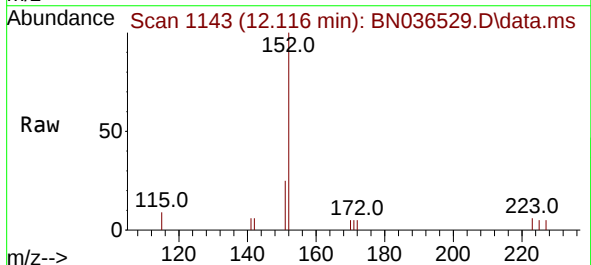
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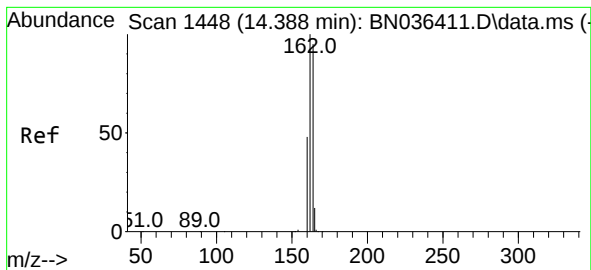
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.010 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

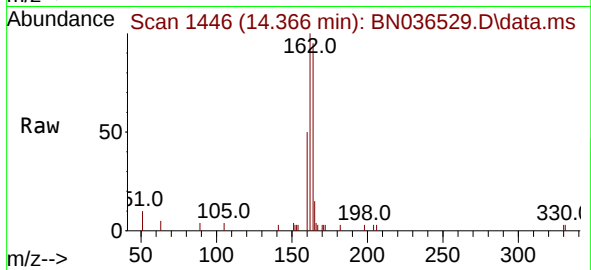
Tgt Ion:152 Resp: 1941
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

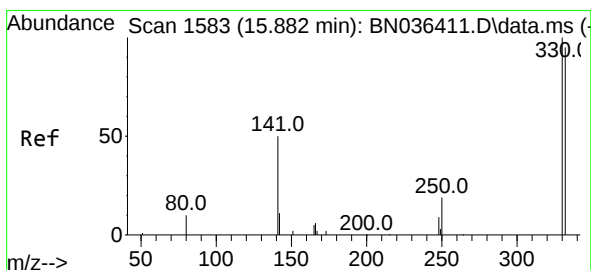
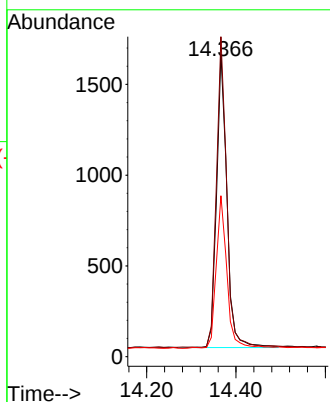
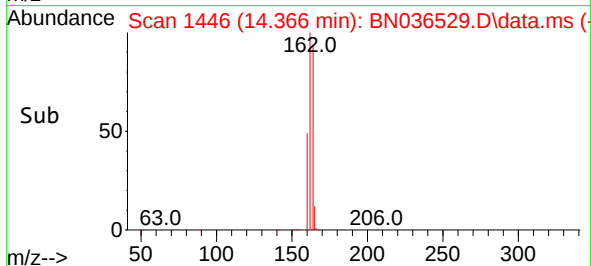
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ClientSampleId :
RW7-SP303-20250228



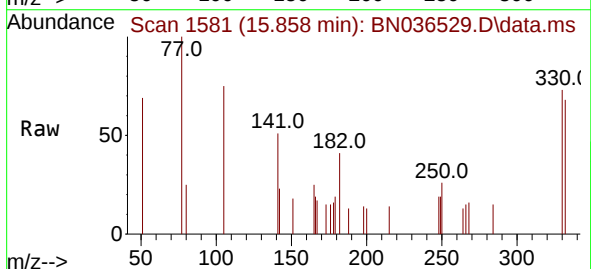
Tgt Ion:164 Resp: 2610
Ion Ratio Lower Upper
164 100
162 105.6 84.1 126.1
160 53.1 41.4 62.0

Manual Integrations
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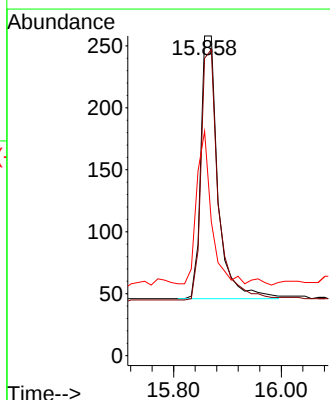
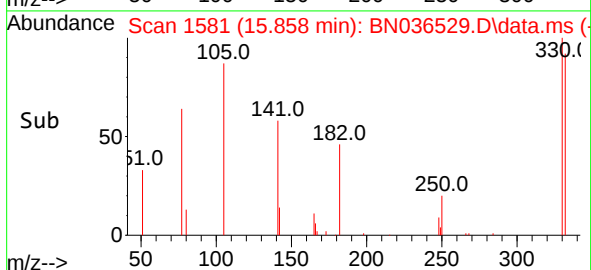
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

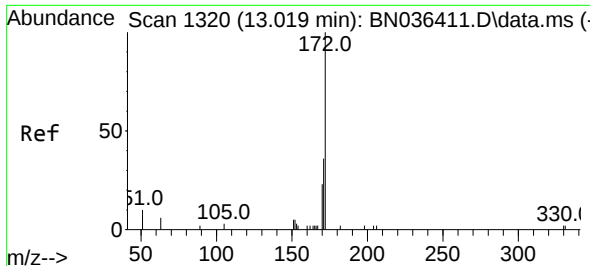


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.858 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07



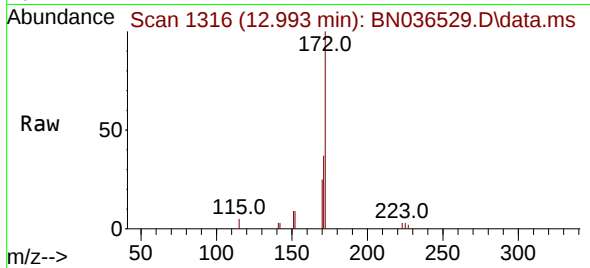
Tgt Ion:330 Resp: 471
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 50.1 37.8 56.8





#15
2-Fluorobiphenyl
Concen: 0.487 ng
RT: 12.993 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

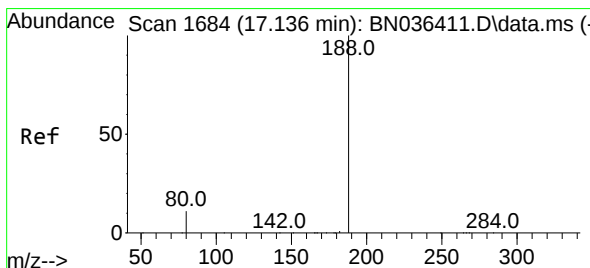
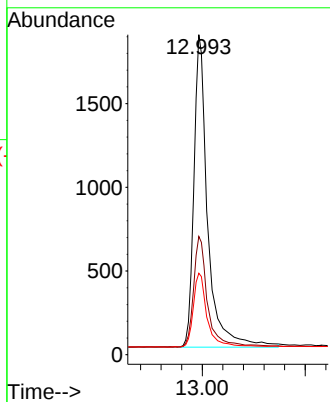
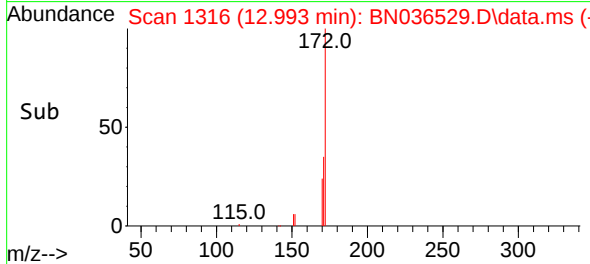
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250228



Tgt Ion:172 Resp: 478
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.5 19.8 29.6

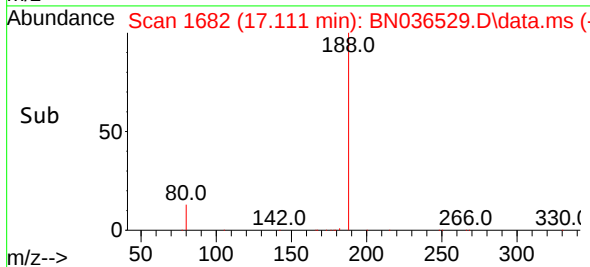
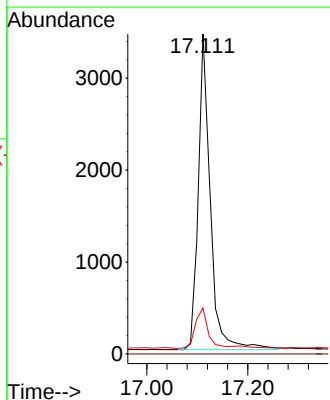
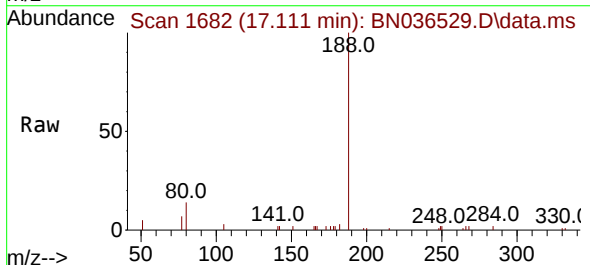
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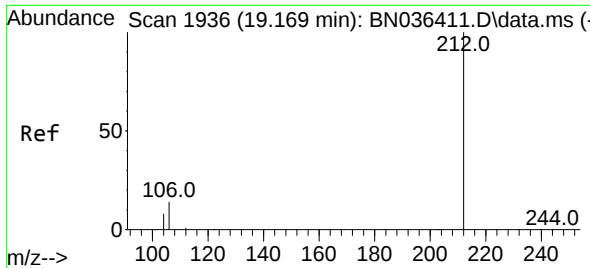
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

Tgt Ion:188 Resp: 5706
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 9.8 14.6





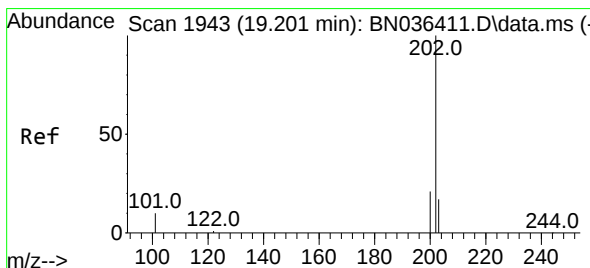
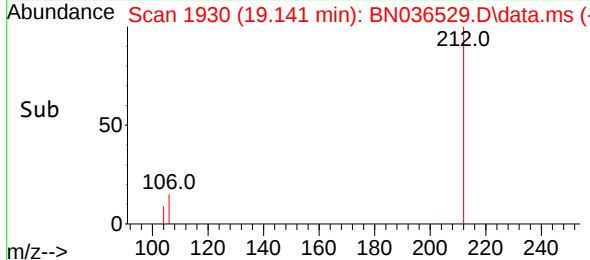
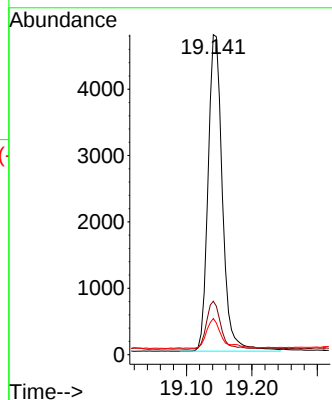
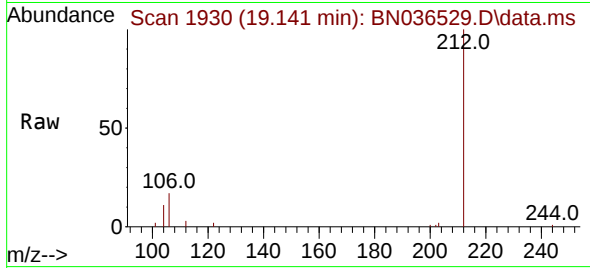
#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250228

Tgt Ion:212 Resp: 7260
Ion Ratio Lower Upper
212 100
106 15.3 11.5 17.3
104 9.7 7.1 10.7

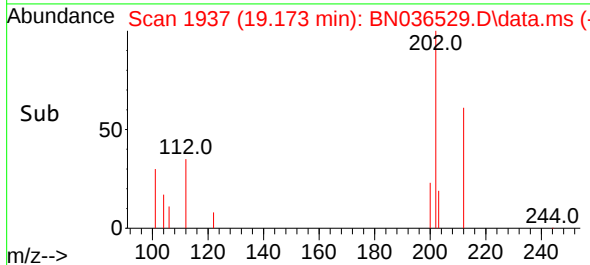
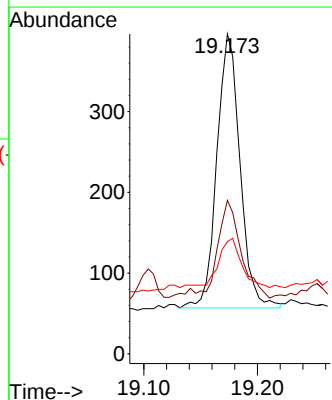
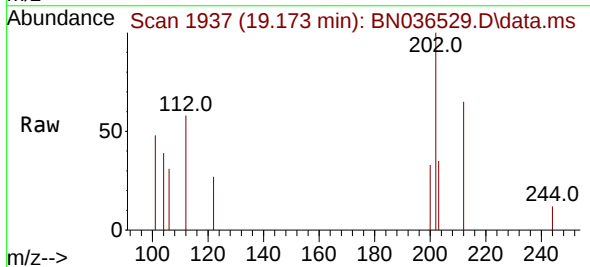
Manual Integrations
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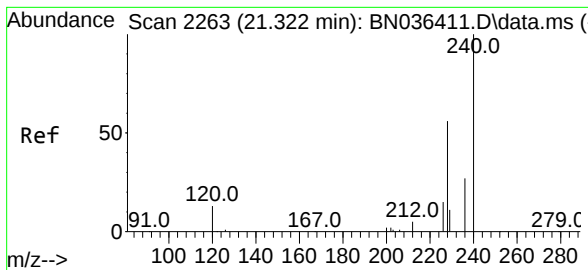
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.173 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BN036529.D
Acq: 05 Mar 2025 18:07

Tgt Ion:202 Resp: 479
Ion Ratio Lower Upper
202 100
101 34.4 9.2 13.8#
203 18.2 13.4 20.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.295 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036529.D

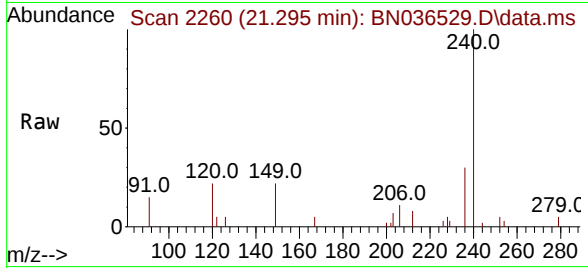
Acq: 05 Mar 2025 18:07

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250228



Tgt Ion:240 Resp: 579

Ion Ratio Lower Upper

240 100

120 21.8 13.3 19.9

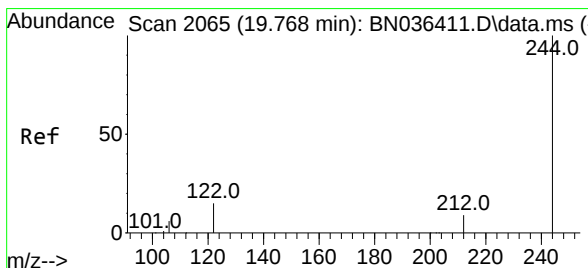
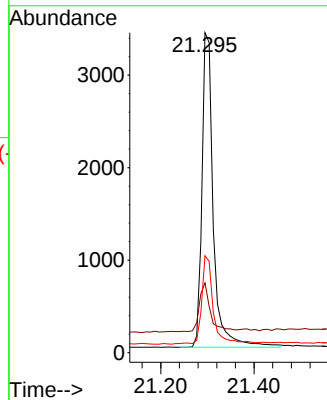
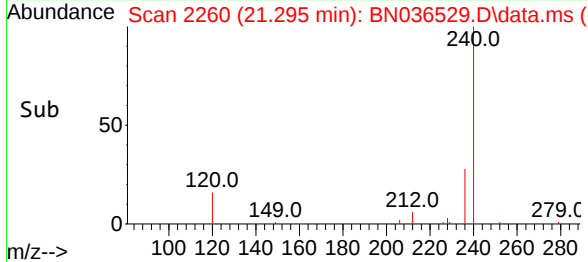
236 30.3 23.0 34.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#31

Terphenyl-d14

Concen: 0.493 ng

RT: 19.745 min Scan# 2060

Delta R.T. -0.000 min

Lab File: BN036529.D

Acq: 05 Mar 2025 18:07

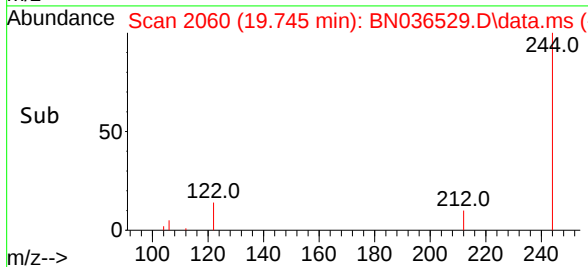
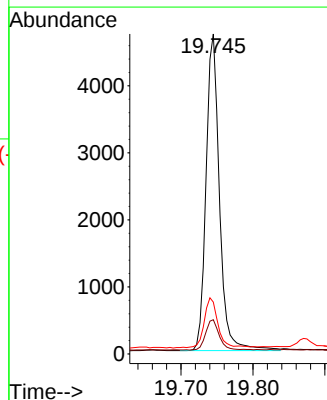
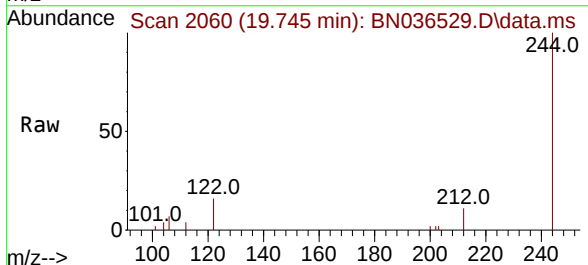
Tgt Ion:244 Resp: 6098

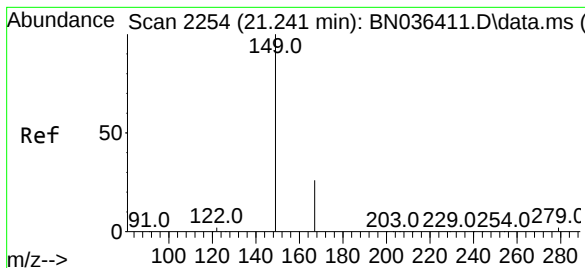
Ion Ratio Lower Upper

244 100

212 10.7 8.1 12.1

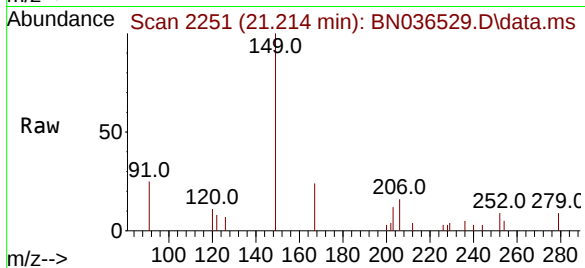
122 16.2 12.8 19.2





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.148 ng
 RT: 21.214 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BN036529.D
 Acq: 05 Mar 2025 18:07

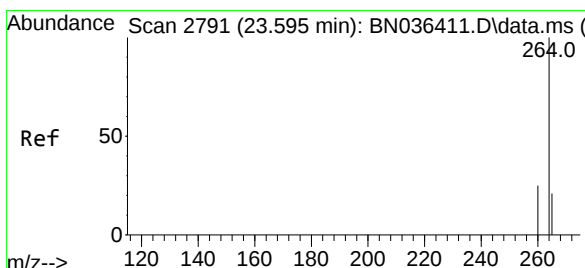
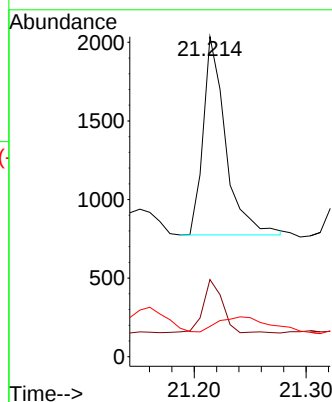
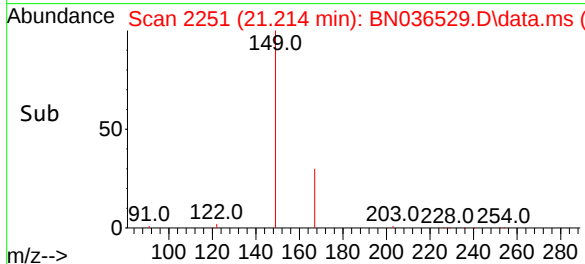
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250228



Tgt Ion:149 Resp: 175
 Ion Ratio Lower Upper
 149 100
 167 22.8 21.2 31.8
 279 0.0 2.7 4.1

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.557 min Scan# 2778
 Delta R.T. 0.006 min
 Lab File: BN036529.D
 Acq: 05 Mar 2025 18:07

Tgt Ion:264 Resp: 5265
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.9 31.3
 265 99.4 60.7 91.1

