

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050923\
 Data File : BN025363.D
 Acq On : 09 May 2023 12:41
 Operator : CG/JU
 Sample : 02644-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023

Quant Time: May 10 03:57:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 10:18:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	6885	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	20231	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13709	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	31694	0.400	ng	# 0.00
29) Chrysene-d12	21.500	240	26383	0.400	ng	0.01
35) Perylene-d12	23.925	264	22811	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	1146	0.068	ng	0.00
5) Phenol-d6	7.131	99	652m	0.031	ng	0.06
8) Nitrobenzene-d5	9.138	82	2100m	0.126	ng	0.06
11) 2-Methylnaphthalene-d10	12.317	152	4930	0.178	ng	0.02
14) 2,4,6-Tribromophenol	16.057	330	1179	0.168	ng	0.01
15) 2-Fluorobiphenyl	13.176	172	6902	0.147	ng	0.00
27) Fluoranthene-d10	19.334	212	16087	0.205	ng	0.00
31) Terphenyl-d14	19.924	244	13740	0.258	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	17071	2.361	ng	95
34) Bis(2-ethylhexyl)phtha...	21.392	149	2248	0.032	ng	# 99

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

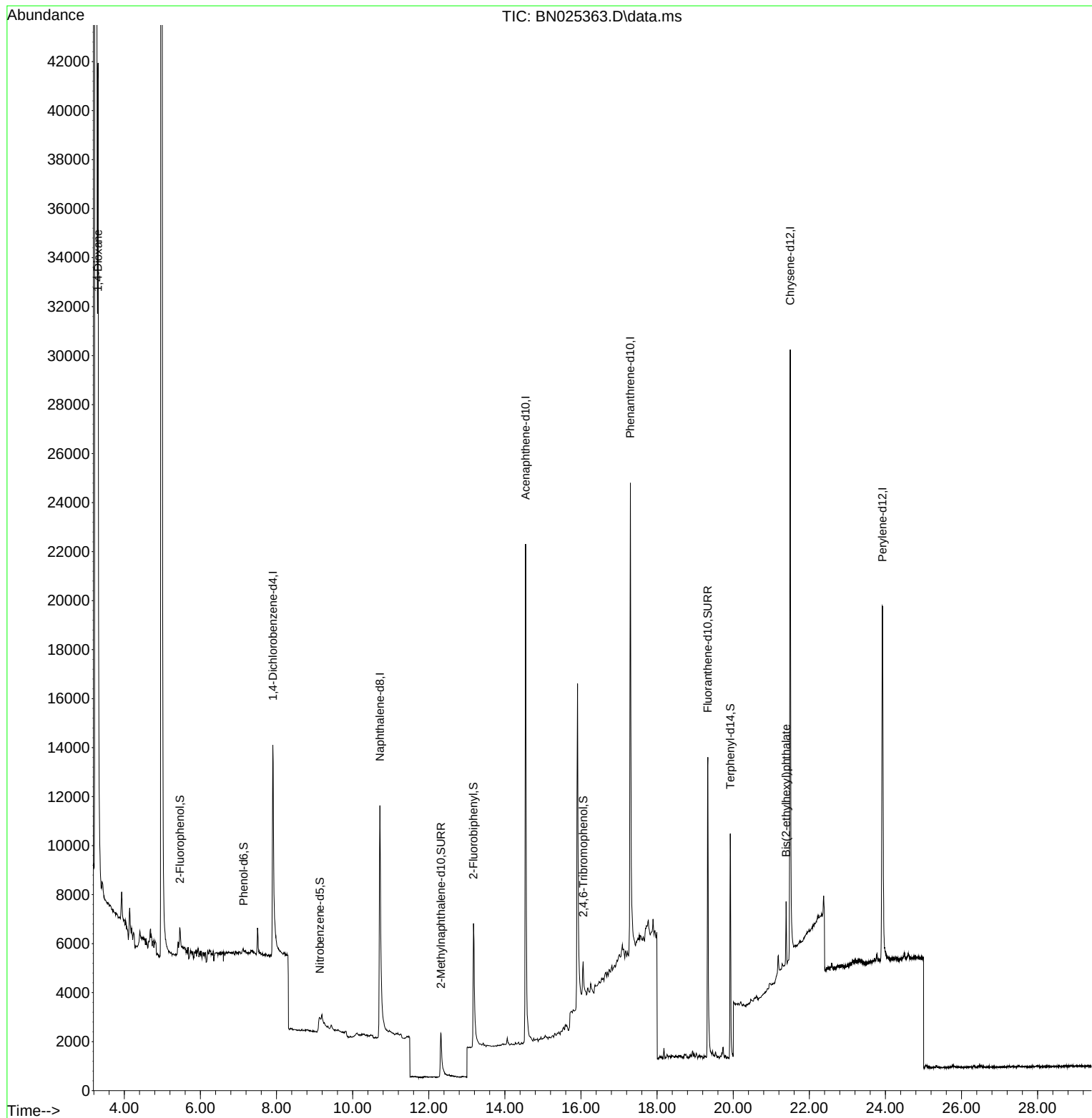
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050923\
Data File : BN025363.D
Acq On : 09 May 2023 12:41
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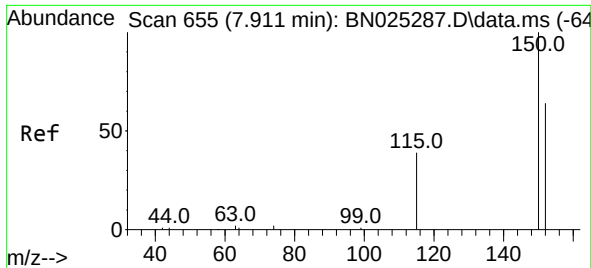
Instrument :
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SP-100-20230504DL

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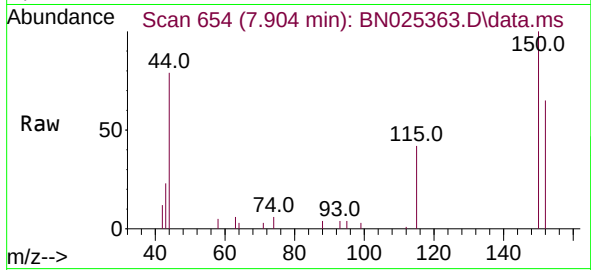
Reviewed By : Christian Giraldo 05/10/2023
Supervised By : Jagrut Upadhyay 05/10/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025363.D
 Acq: 09 May 2023 12:41

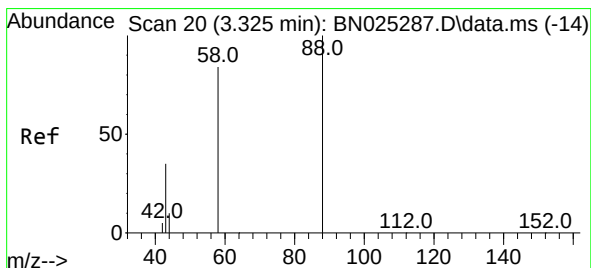
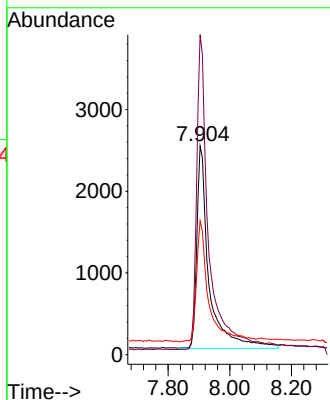
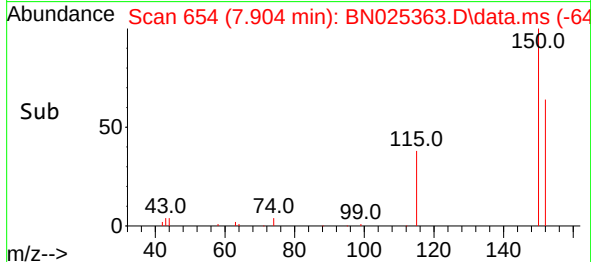
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504DL



Tgt Ion: 152 Resp: 688
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.8 185.8
 115 64.2 52.9 79.3

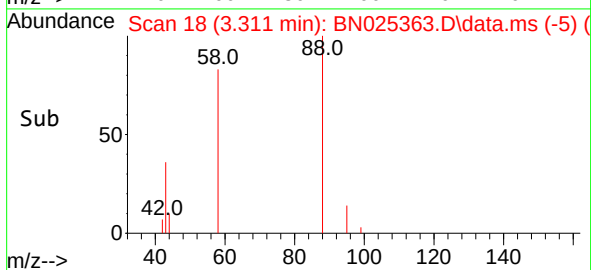
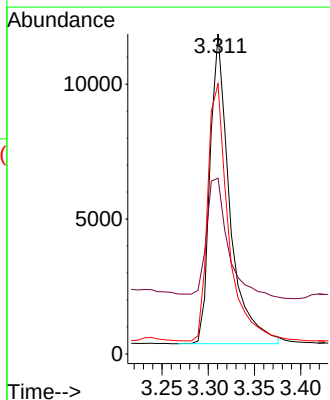
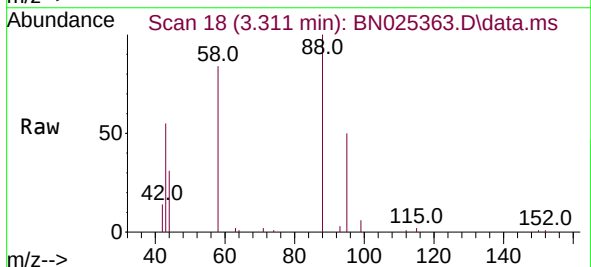
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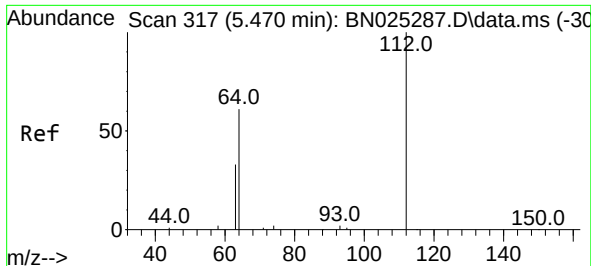
Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023



#2
 1,4-Dioxane
 Concen: 2.361 ng
 RT: 3.311 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025363.D
 Acq: 09 May 2023 12:41

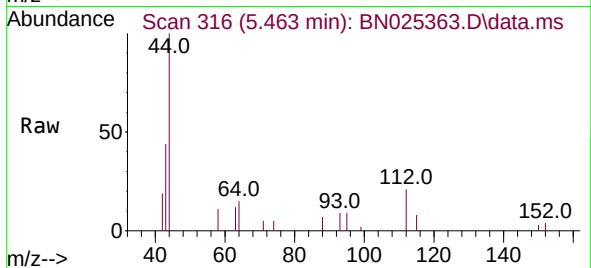
Tgt Ion: 88 Resp: 17071
 Ion Ratio Lower Upper
 88 100
 43 41.4 37.2 55.8
 58 86.4 71.5 107.3





#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.463 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

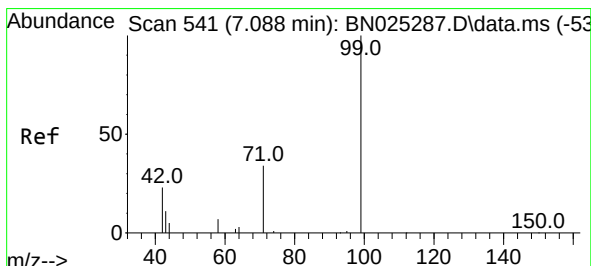
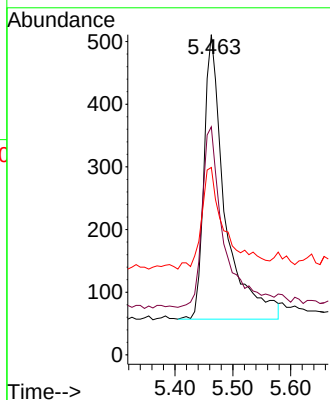
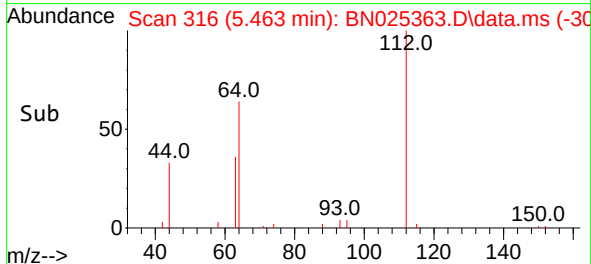
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL



Tgt Ion: 112 Resp: 1140
Ion Ratio Lower Upper
112 100
64 65.5 51.5 77.3
63 40.1 27.8 41.6

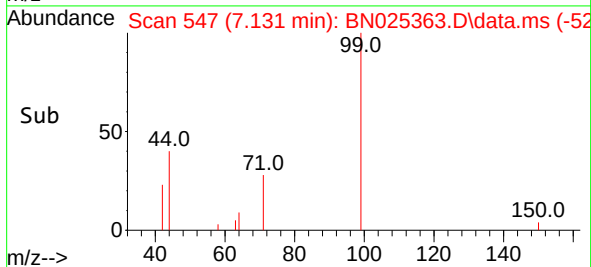
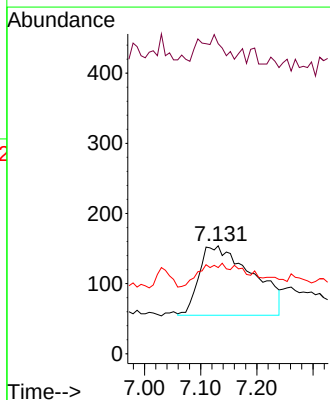
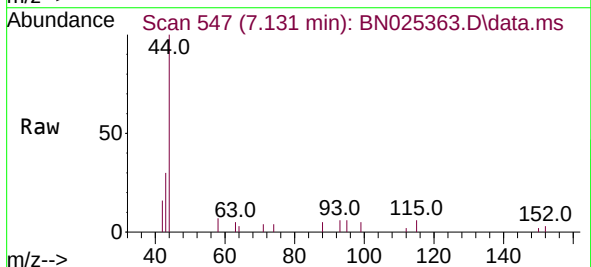
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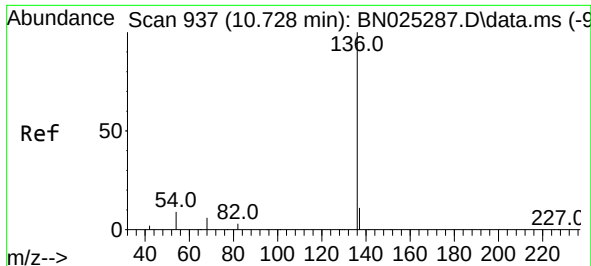
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#5
Phenol-d6
Concen: 0.031 ng m
RT: 7.131 min Scan# 547
Delta R.T. 0.058 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

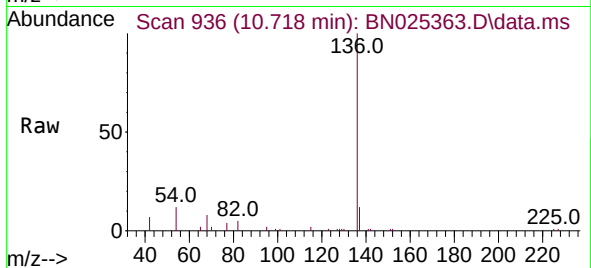
Tgt Ion: 99 Resp: 652
Ion Ratio Lower Upper
99 100
42 0.0 22.0 33.0#
71 17.5 28.7 43.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

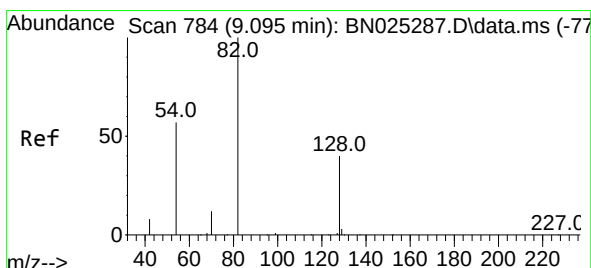
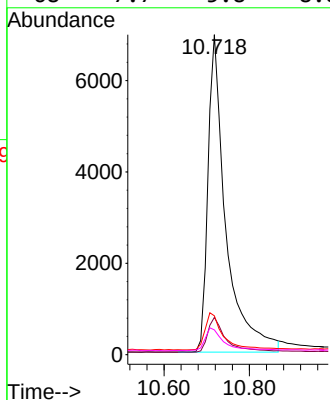
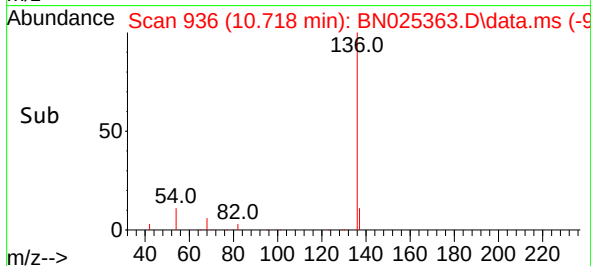
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	12.1	8.5	12.7
68	7.7	5.8	8.8

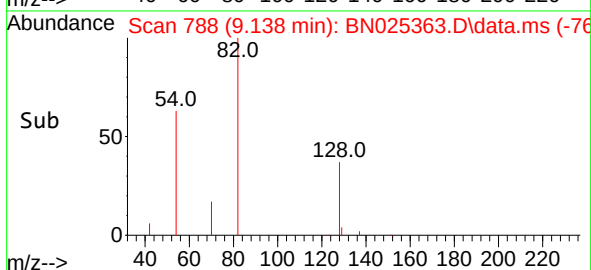
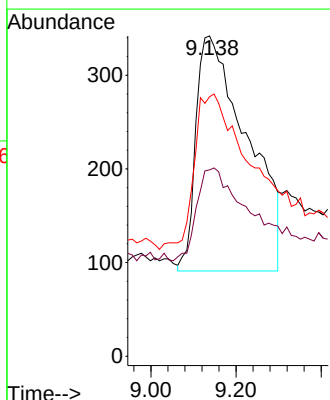
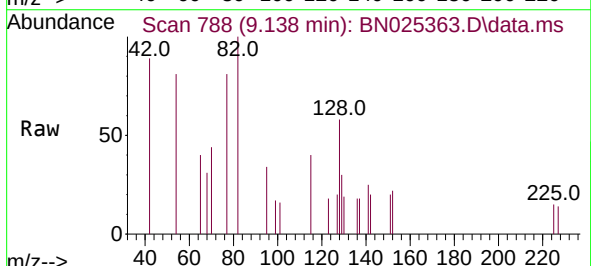
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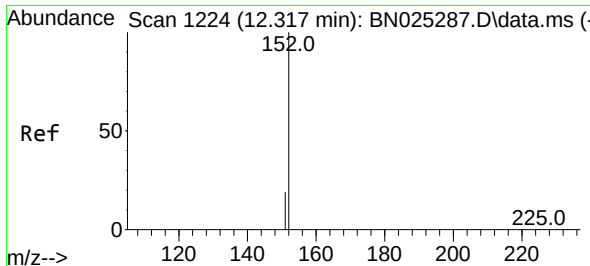
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#8
Nitrobenzene-d5
Concen: 0.126 ng m
RT: 9.138 min Scan# 788
Delta R.T. 0.064 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

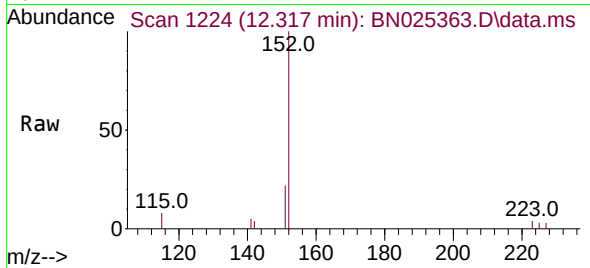
Tgt Ion	Ratio	Lower	Upper
82	100		
128	58.2	35.3	52.9#
54	81.0	48.7	73.1#





#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.317 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

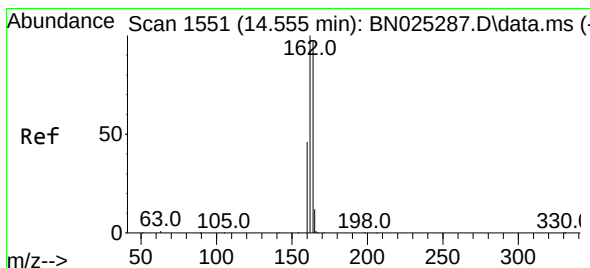
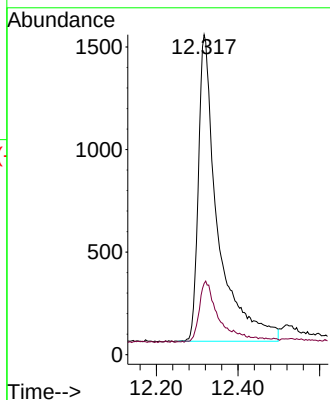
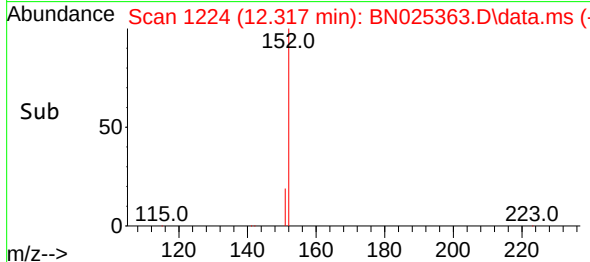
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL



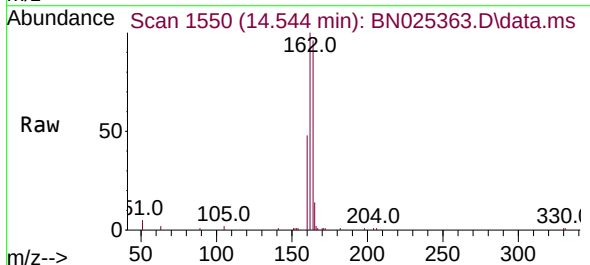
Tgt Ion:152 Resp: 4930
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6

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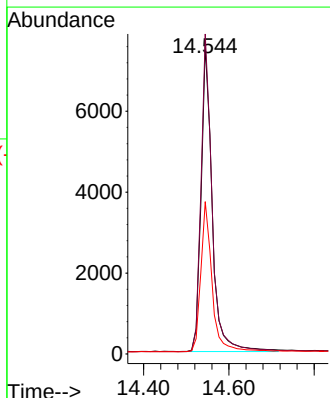
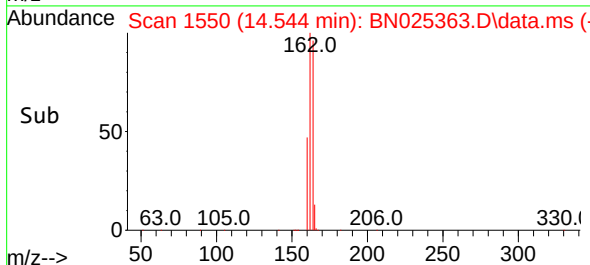
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

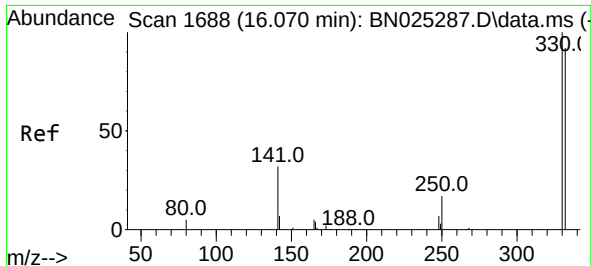


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41



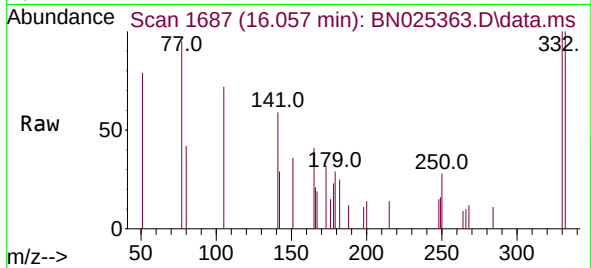
Tgt Ion:164 Resp: 13709
Ion Ratio Lower Upper
164 100
162 104.0 82.1 123.1
160 49.5 38.3 57.5





#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 16.057 min Scan# 1688
Delta R.T. 0.013 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

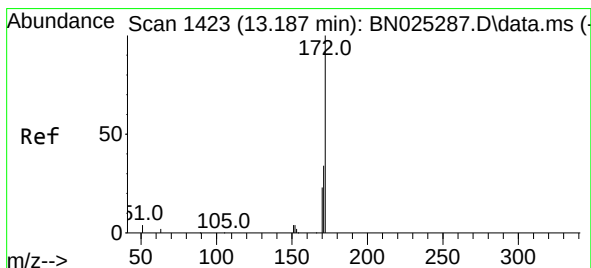
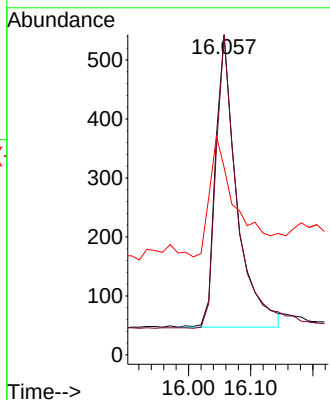
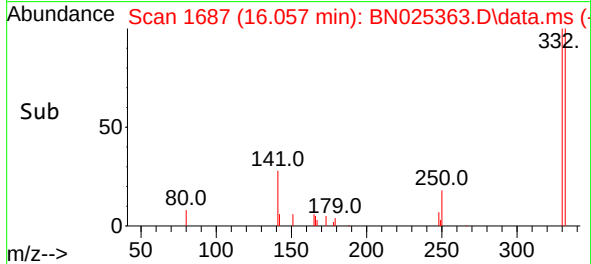
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL



Tgt Ion: 330 Resp: 1179
Ion Ratio Lower Upper
330 100
332 99.4 77.4 116.0
141 51.8 28.9 43.3

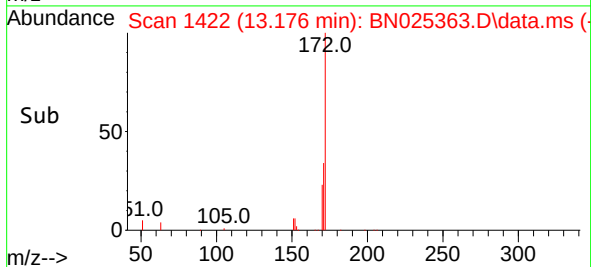
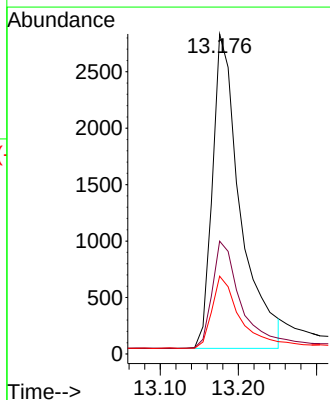
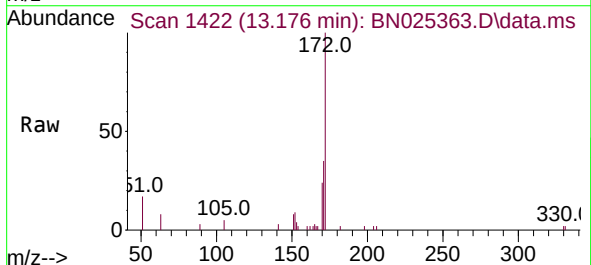
Manual Integrations
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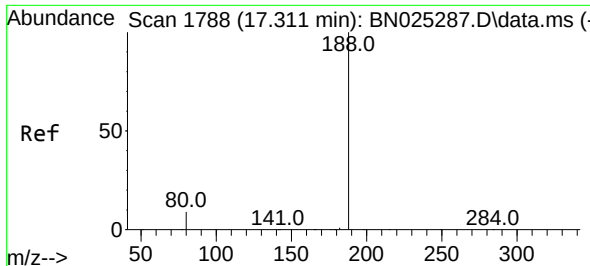
Reviewed By : Christian Giraldo 05/10/2023
Supervised By : Jagrut Upadhyay 05/10/2023



#15
2-Fluorobiphenyl
Concen: 0.147 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

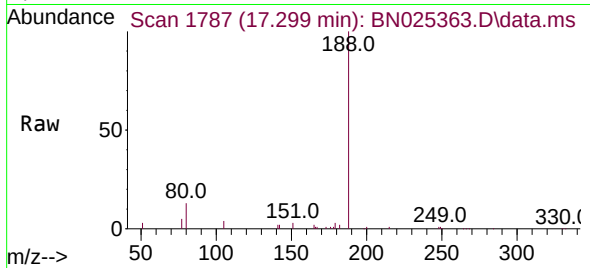
Tgt Ion: 172 Resp: 6902
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.3 19.0 28.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

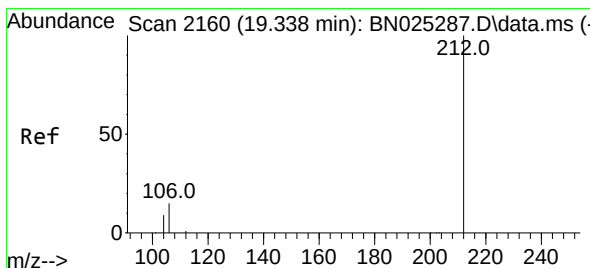
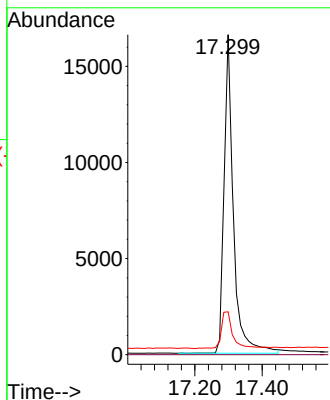
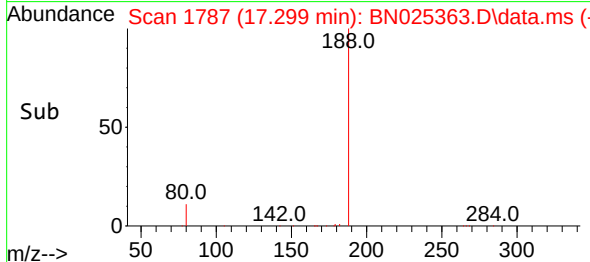
Instrument :
BNA_N
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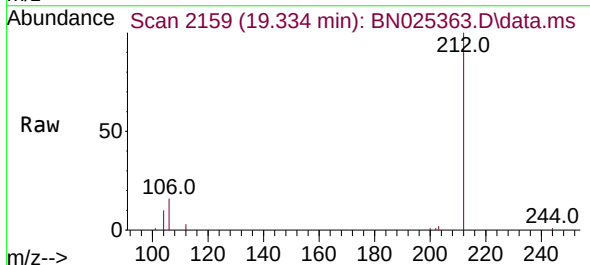
Tgt Ion:188 Resp: 31694
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 8.0 12.0

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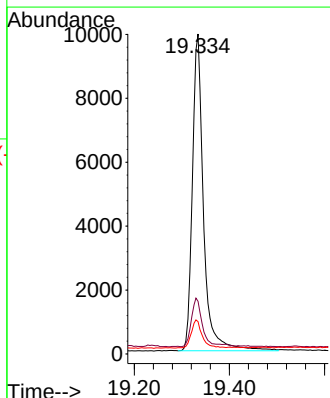
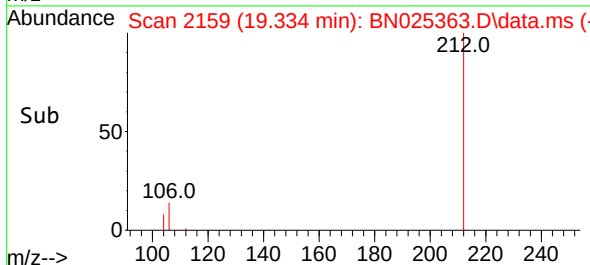
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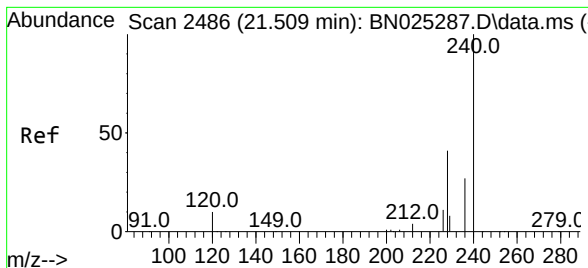


#27
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.334 min Scan# 2159
Delta R.T. 0.004 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41



Tgt Ion:212 Resp: 16087
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 8.7 7.0 10.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.500 min Scan# 2486

Delta R.T. 0.014 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

Instrument :

BNA_N

ClientSampleId :

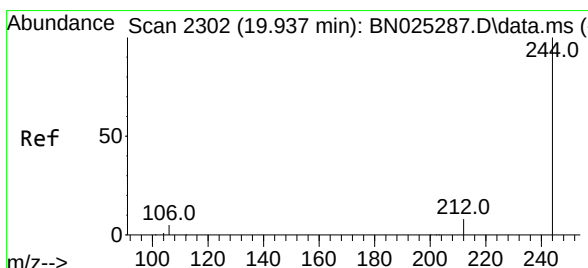
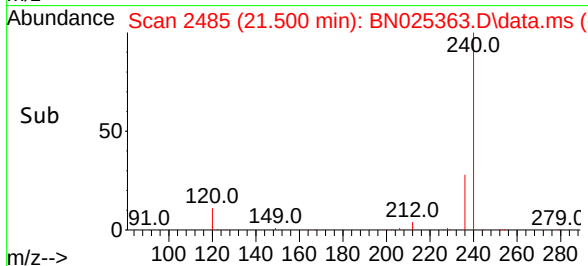
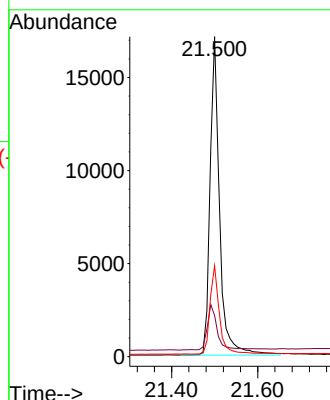
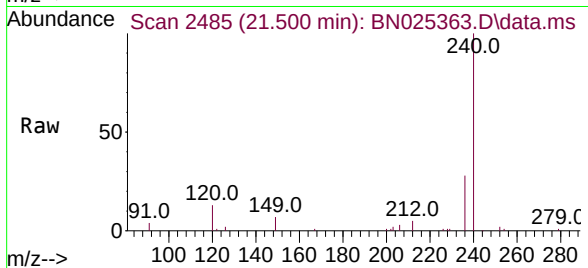
SP-100-20230504DL

Tgt Ion:	240	Resp:	2638
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.3	15.5
236	28.4	22.3	33.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#31

Terphenyl-d14

Concen: 0.258 ng

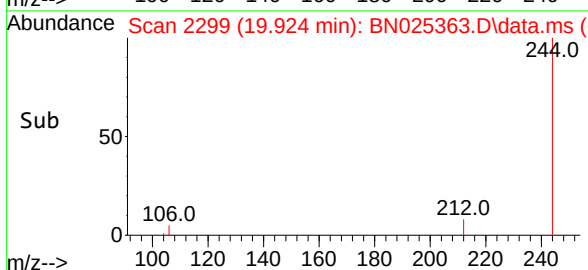
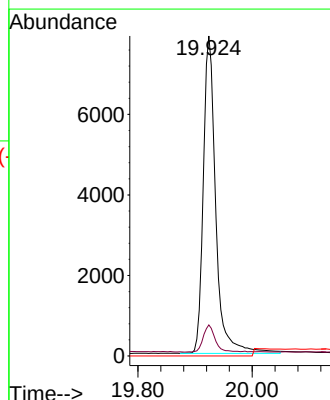
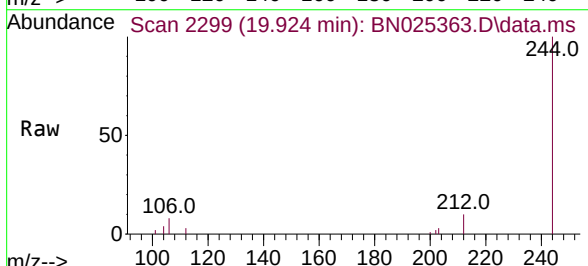
RT: 19.924 min Scan# 2299

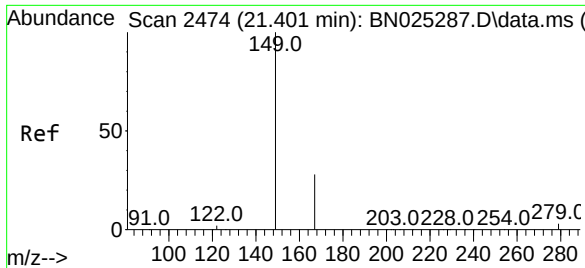
Delta R.T. 0.000 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

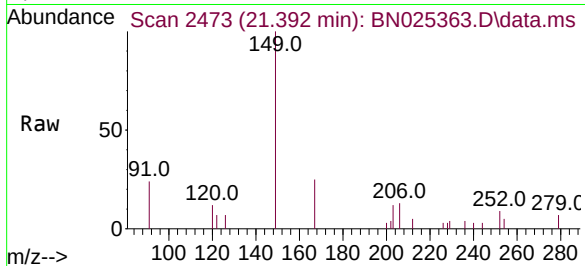
Tgt Ion:	244	Resp:	13740
Ion Ratio	Lower	Upper	
244	100		
212	9.7	7.1	10.7
122	0.0	0.0	0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.392 min Scan# 2473
Delta R.T. 0.014 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

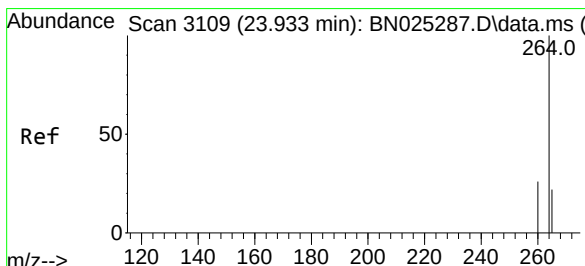
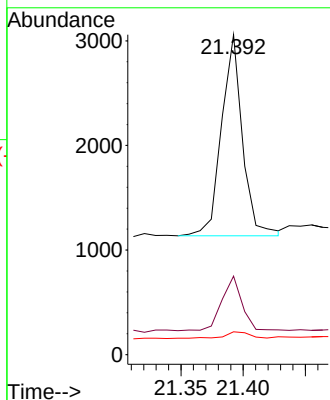
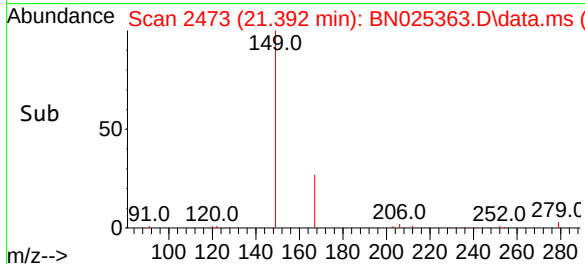
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL



Tgt Ion:149 Resp: 2248
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.4
279 4.3 2.6 4.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.925 min Scan# 3106
Delta R.T. 0.014 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

Tgt Ion:264 Resp: 22811
Ion Ratio Lower Upper
264 100
260 26.1 21.5 32.3
265 51.6 46.2 69.4

