

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019672.D
 Acq On : 04 May 2022 19:23
 Operator : CG/JU
 Sample : N2640-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922DL

Quant Time: May 05 04:57:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5071	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	14545	0.400	ng	0.01
13) Acenaphthene-d10	14.484	164	8401	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17591	0.400	ng	0.00
29) Chrysene-d12	21.404	240	13281	0.400	ng	# 0.00
35) Perylene-d12	23.746	264	10330	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	218	0.018	ng	0.00
5) Phenol-d6	7.031	99	166	0.011	ng	0.00
8) Nitrobenzene-d5	9.014	82	495m	0.042	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	1154	0.049	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	106	0.034	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	1674	0.046	ng	0.01
27) Fluoranthene-d10	19.248	212	2475	0.051	ng	0.00
31) Terphenyl-d14	19.847	244	1561	0.050	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.369	88	10301	1.754	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	2651	0.106	ng	100

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

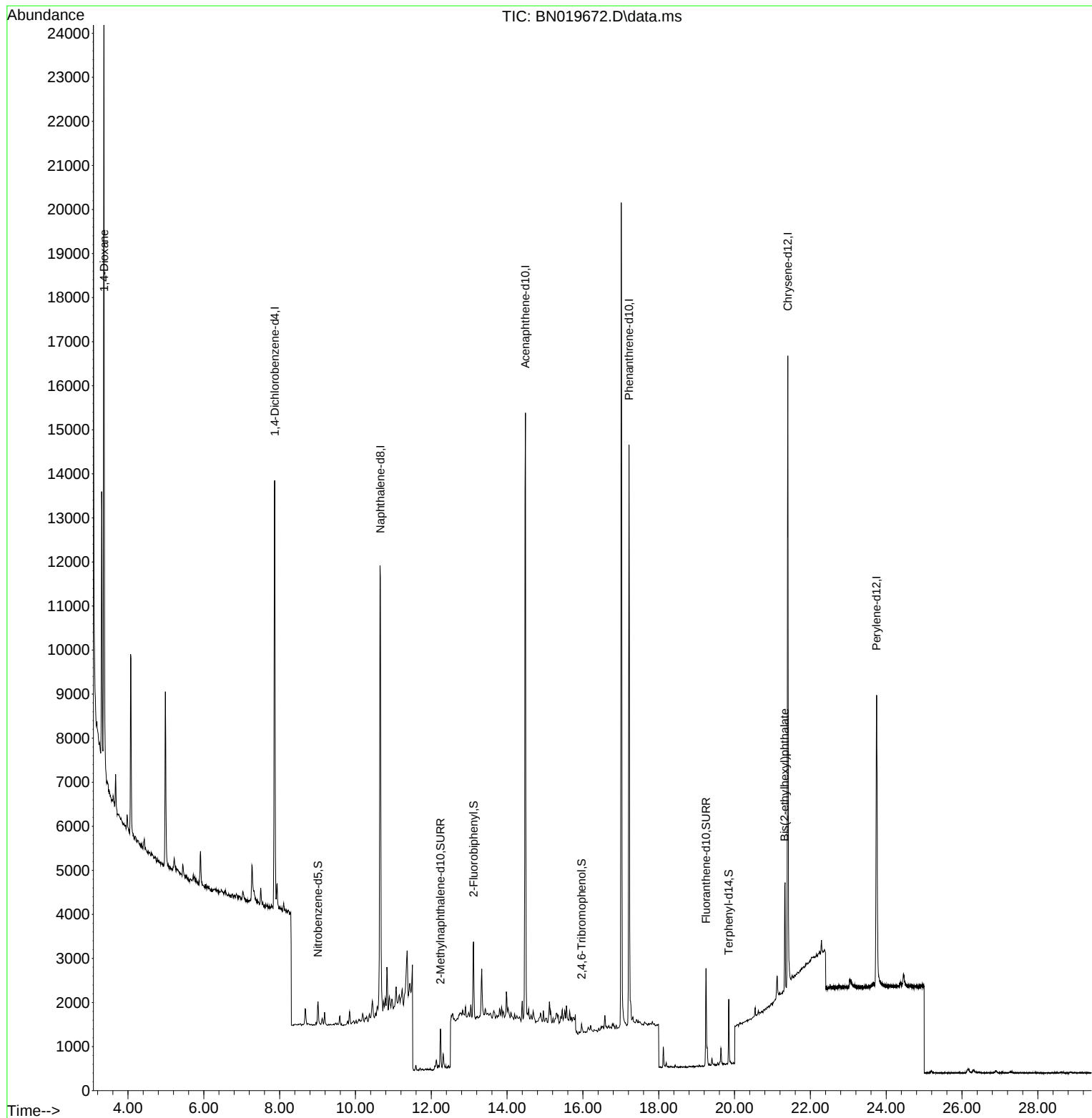
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
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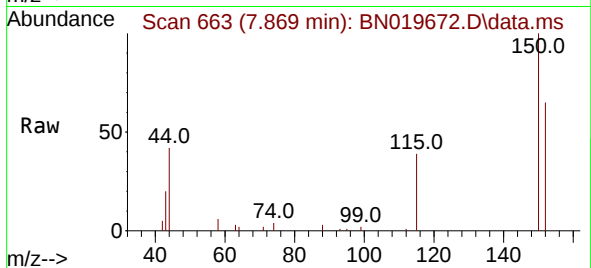
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.869 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN019672.D
 Acq: 04 May 2022 19:23

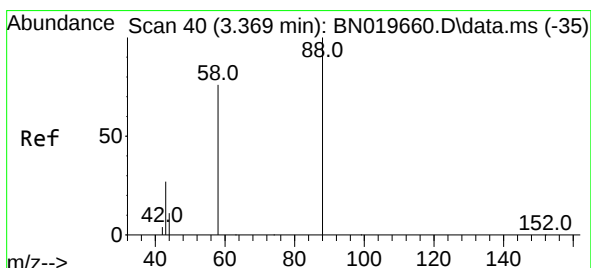
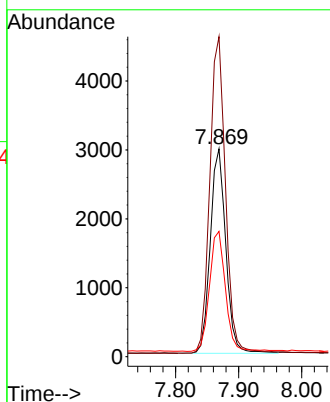
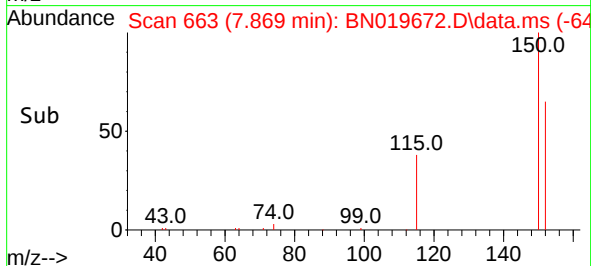
Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922DL



Tgt Ion: 152 Resp: 507
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.6 183.8
 115 60.3 49.0 73.6

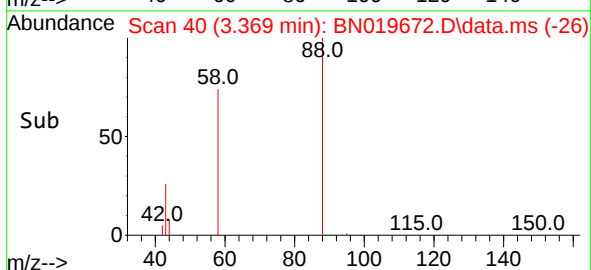
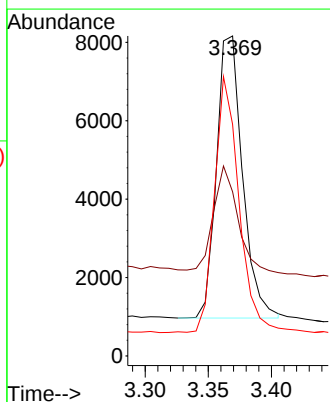
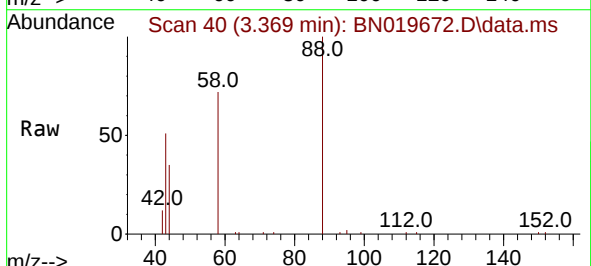
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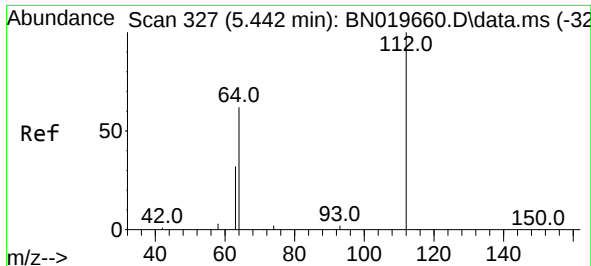
Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022



#2
 1,4-Dioxane
 Concen: 1.754 ng
 RT: 3.369 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BN019672.D
 Acq: 04 May 2022 19:23

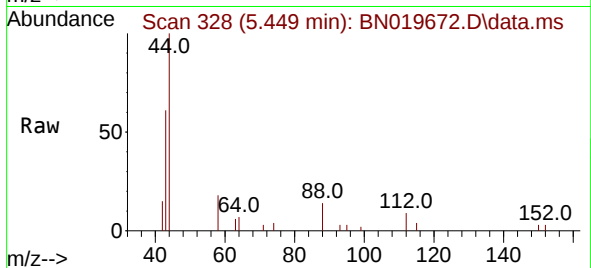
Tgt Ion: 88 Resp: 10301
 Ion Ratio Lower Upper
 88 100
 43 35.5 25.2 37.8
 58 85.1 67.6 101.4





#4
2-Fluorophenol
Concen: 0.018 ng
RT: 5.449 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

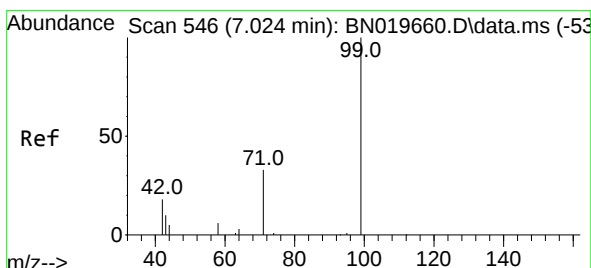
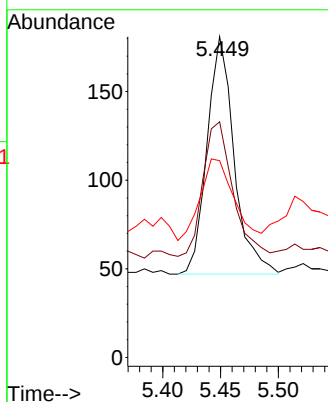
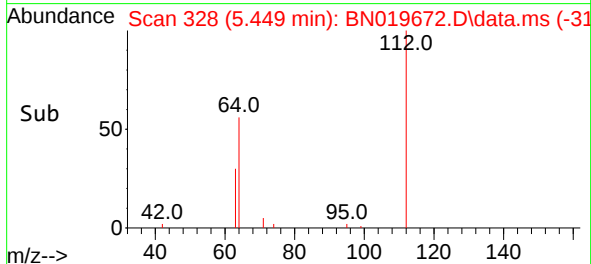
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922DL



Tgt Ion: 112 Resp: 218
Ion Ratio Lower Upper
112 100
64 62.4 47.3 70.9
63 42.2 24.6 36.8

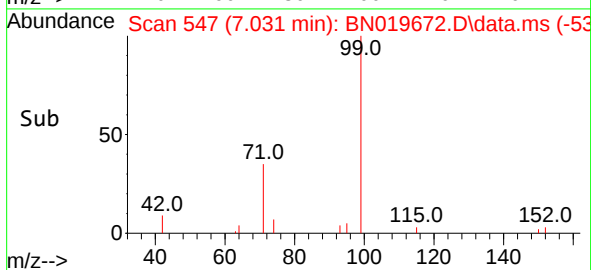
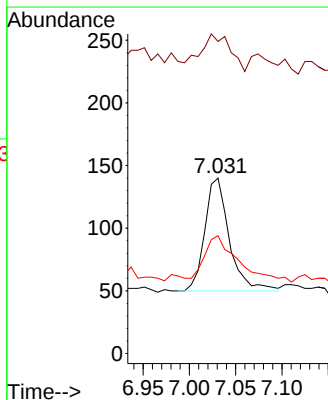
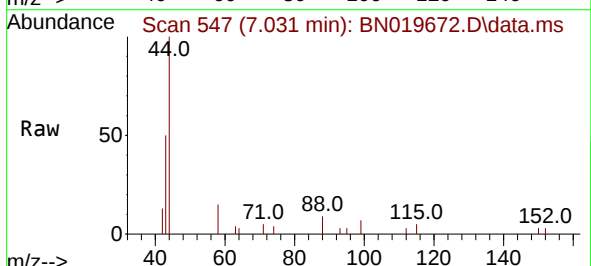
Manual Integrations
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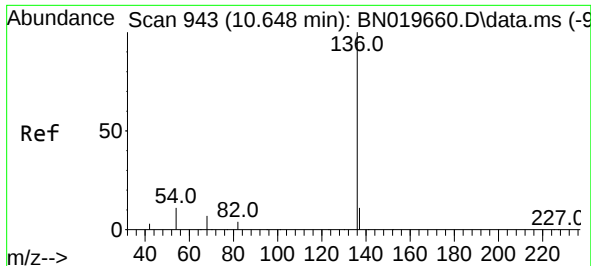
Reviewed By : Christian Giraldo 05/05/2022
Supervised By : Jagrut Upadhyay 05/05/2022



#5
Phenol-d6
Concen: 0.011 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

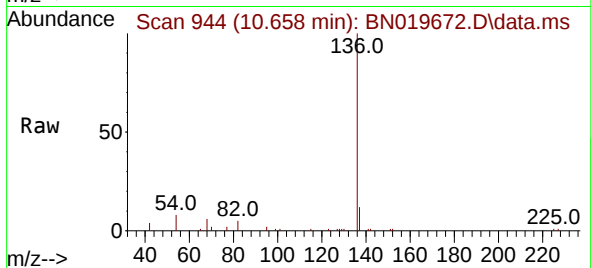
Tgt Ion: 99 Resp: 166
Ion Ratio Lower Upper
99 100
42 39.8 15.8 23.8#
71 48.2 26.5 39.7#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 943
Delta R.T. 0.011 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

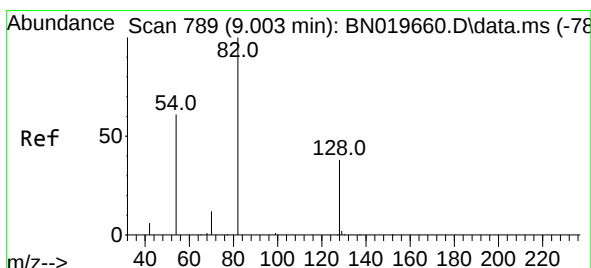
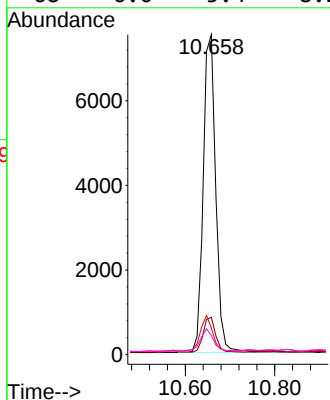
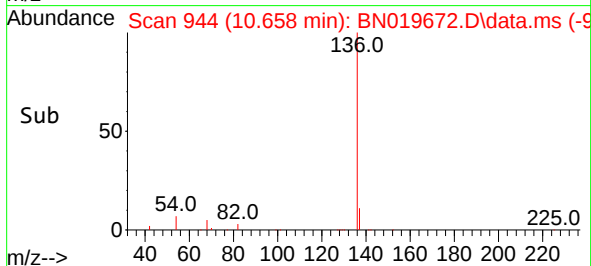
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922DL



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	8.3	7.8	11.6
68	6.0	5.4	8.2

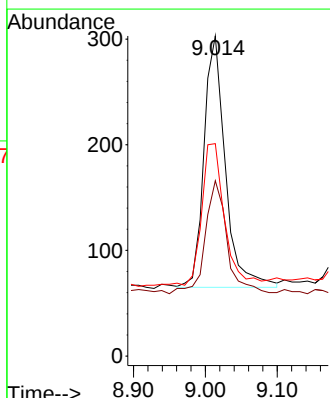
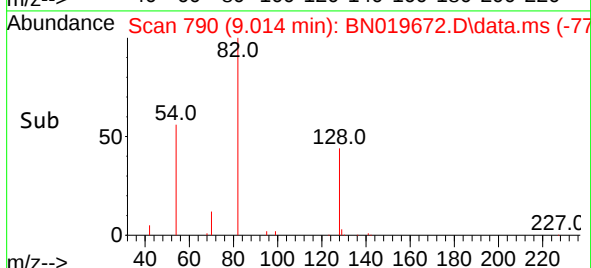
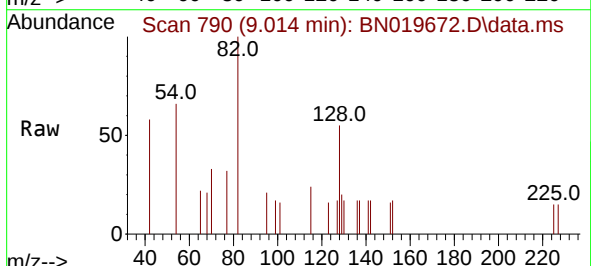
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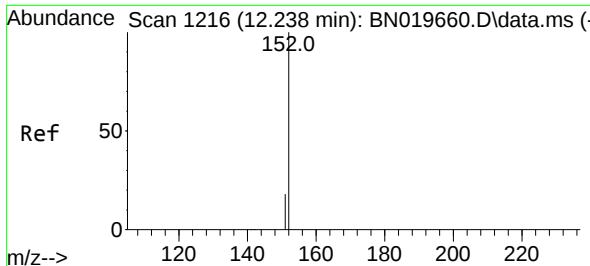
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#8
Nitrobenzene-d5
Concen: 0.042 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.011 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

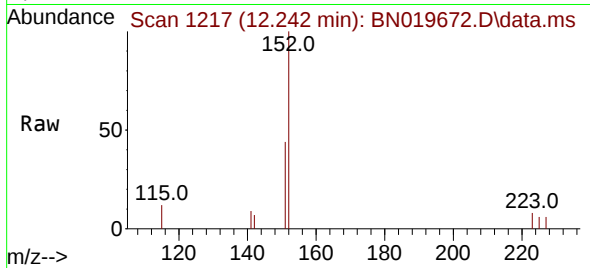
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.8	32.4	48.6
54	66.3	44.4	66.6





#11
2-Methylnaphthalene-d10
Concen: 0.049 ng
RT: 12.242 min Scan# 1154
Delta R.T. 0.004 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

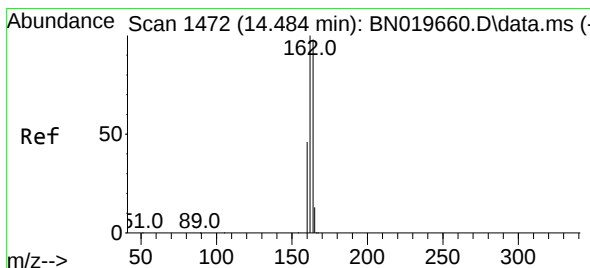
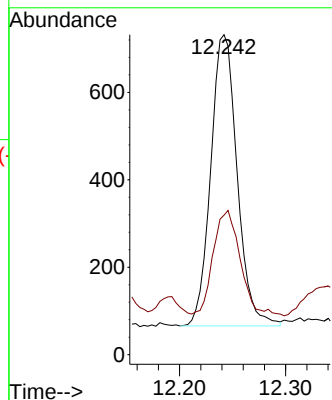
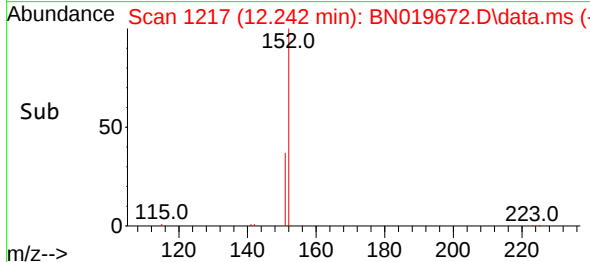
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922DL



Tgt Ion:152 Resp: 1154
Ion Ratio Lower Upper
152 100
151 37.2 16.2 24.4

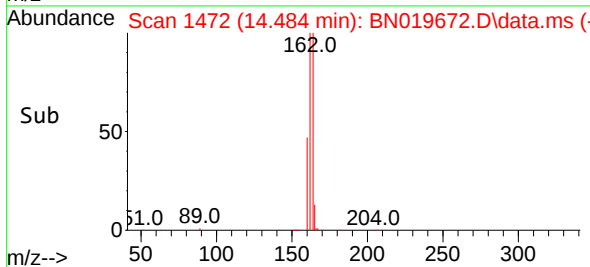
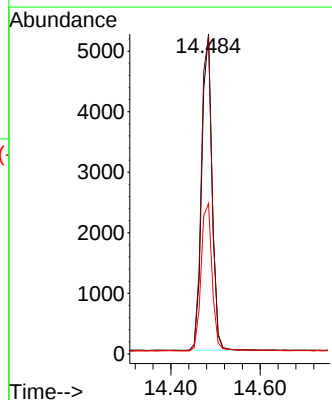
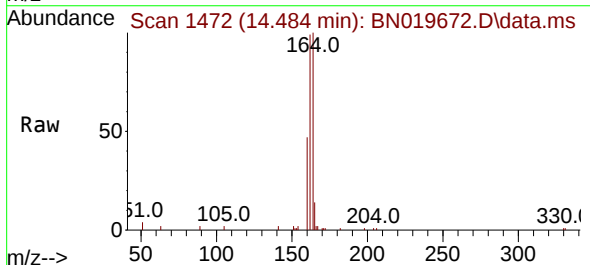
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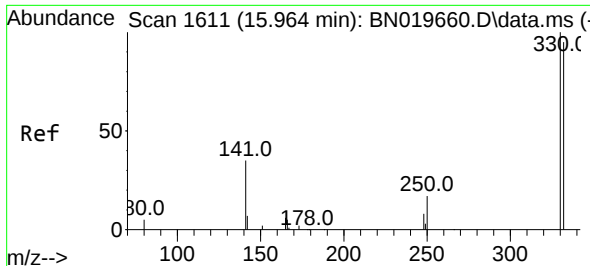
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

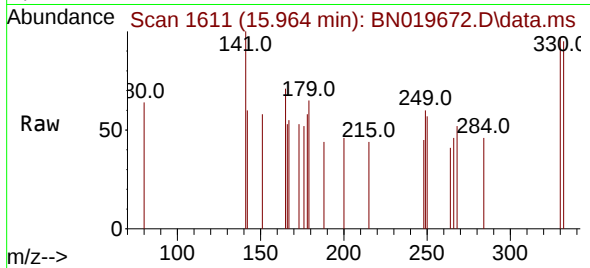
Tgt Ion:164 Resp: 8401
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.6
160 47.0 38.3 57.5





#14
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

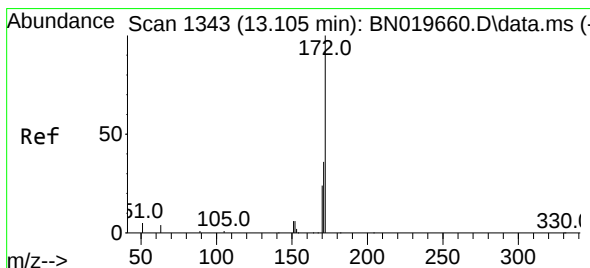
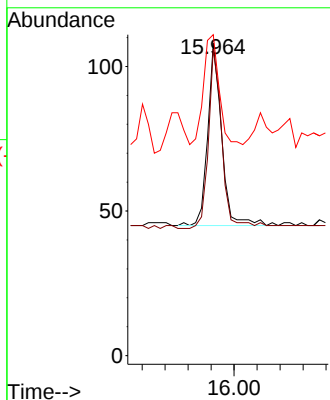
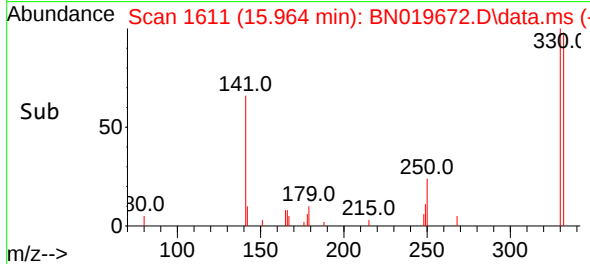
Instrument :
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ClientSampleId :
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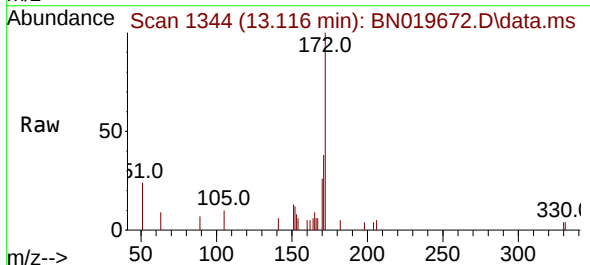
Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 66.0 39.7 59.5

Manual Integrations
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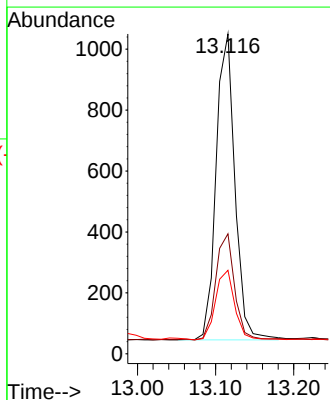
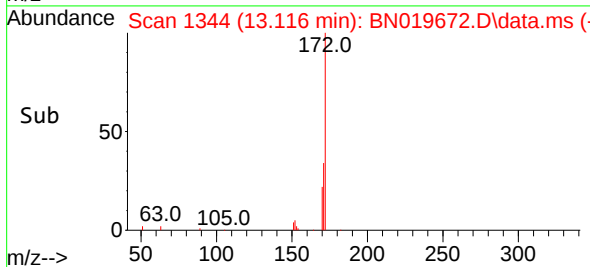
Reviewed By :Christian Giraldo 05/05/2022
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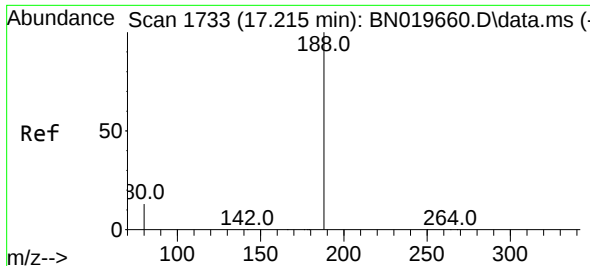


#15
2-Fluorobiphenyl
Concen: 0.046 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23



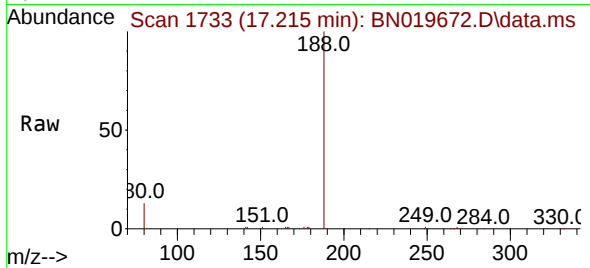
Tgt Ion:172 Resp: 1674
Ion Ratio Lower Upper
172 100
171 37.5 28.0 42.0
170 26.1 19.0 28.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

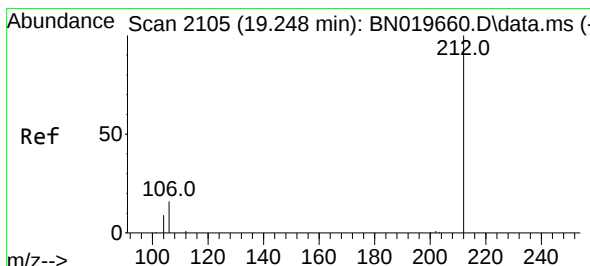
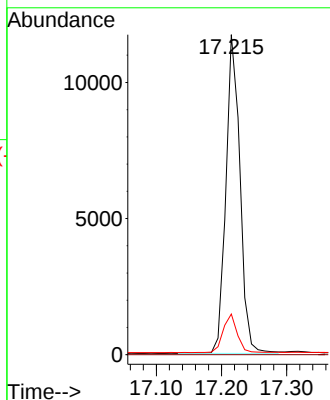
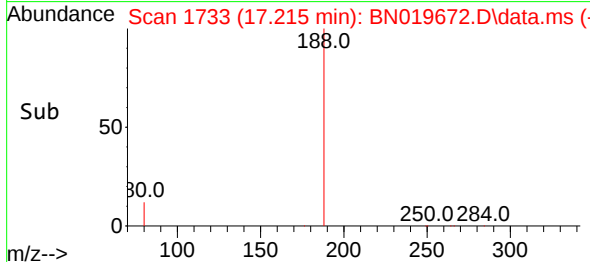
Instrument :
BNA_N
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MWBR3D-B-480-500-042922DL



Tgt Ion:188 Resp: 1759
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 8.6 12.8

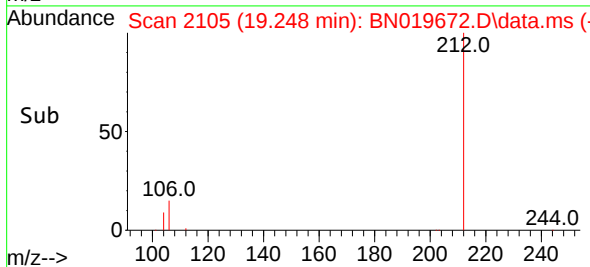
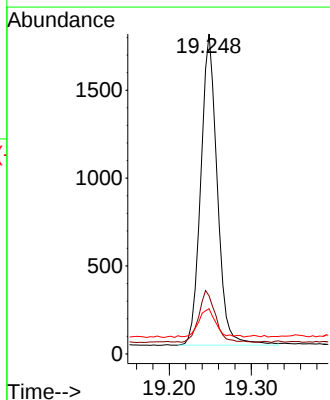
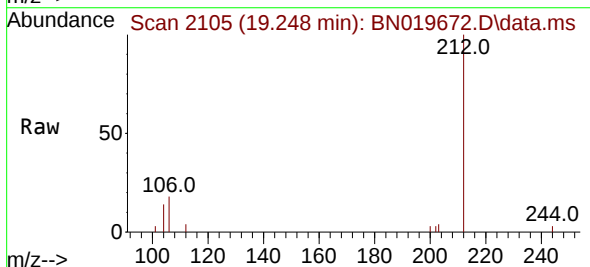
Manual Integrations
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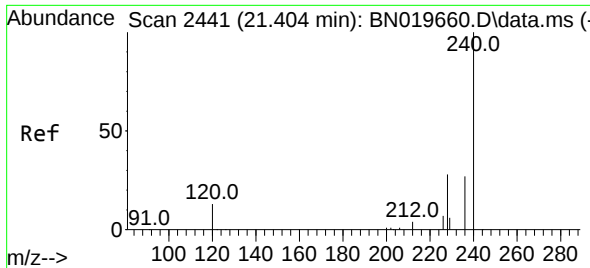
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#27
Fluoranthene-d10
Concen: 0.051 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

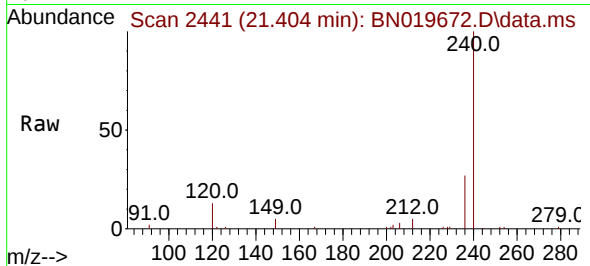
Tgt Ion:212 Resp: 2475
Ion Ratio Lower Upper
212 100
106 16.6 13.5 20.3
104 10.1 7.6 11.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

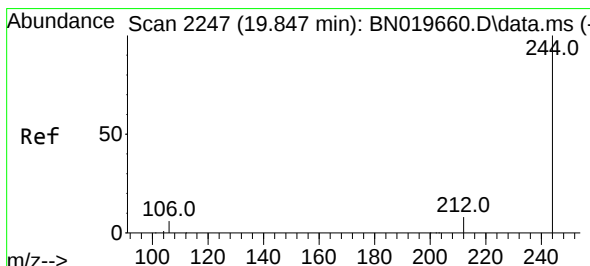
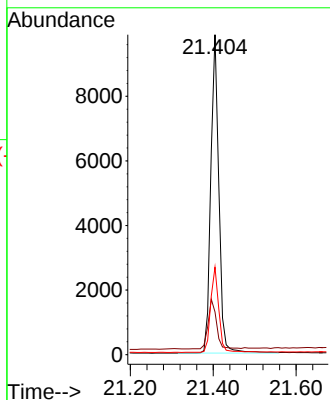
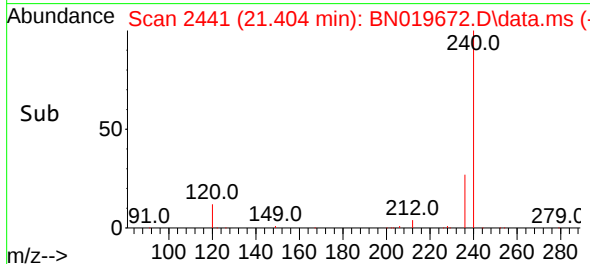
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922DL



Tgt Ion:240 Resp: 1328
Ion Ratio Lower Upper
240 100
120 13.4 17.4 26.2
236 27.4 23.0 34.4

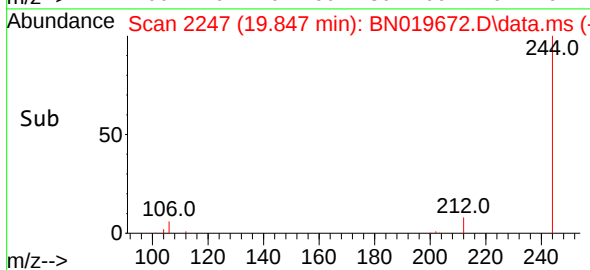
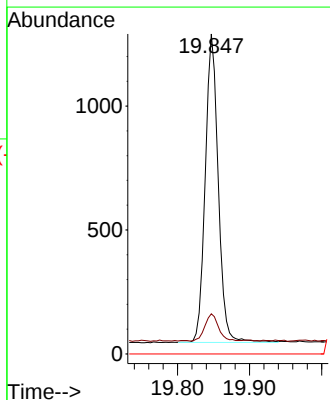
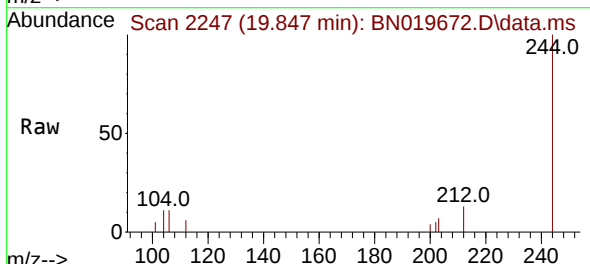
Manual Integrations
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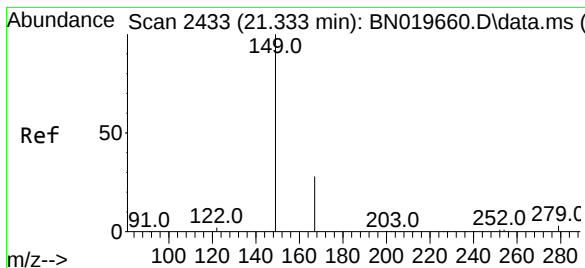
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#31
Terphenyl-d14
Concen: 0.050 ng
RT: 19.847 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

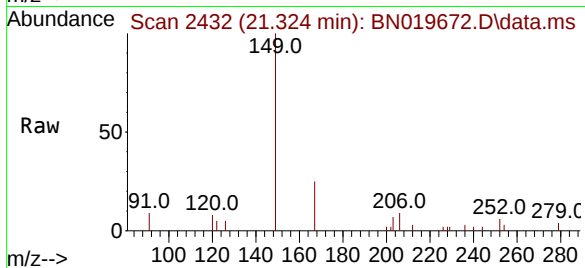
Tgt Ion:244 Resp: 1561
Ion Ratio Lower Upper
244 100
212 12.5 7.6 11.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23

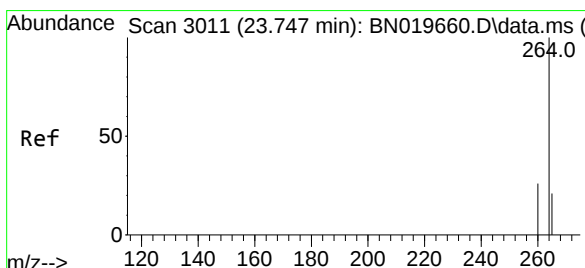
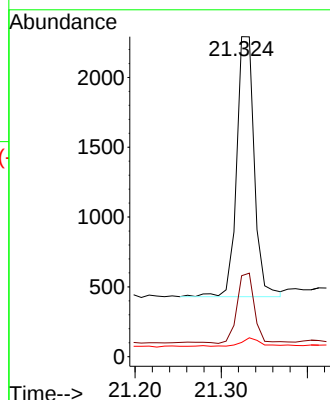
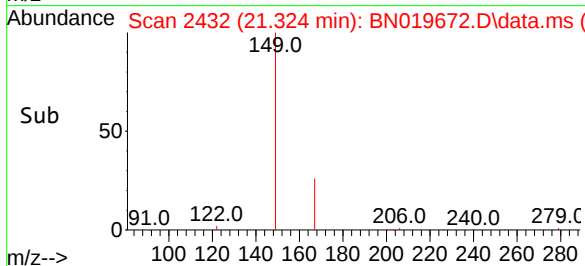
Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922DL



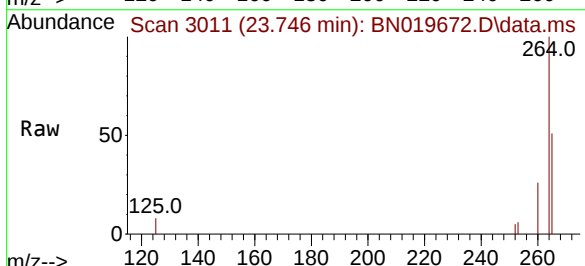
Tgt Ion:149 Resp: 265
Ion Ratio Lower Upper
149 100
167 27.0 21.7 32.5
279 3.9 2.8 4.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.746 min Scan# 3011
Delta R.T. -0.000 min
Lab File: BN019672.D
Acq: 04 May 2022 19:23



Tgt Ion:264 Resp: 10330
Ion Ratio Lower Upper
264 100
260 26.1 21.0 31.6
265 51.5 67.9 101.9#

