

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020635.D
 Acq On : 02 Jul 2022 18:46
 Operator : CG/JU
 Sample : N3458-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20220622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 04 02:39:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	3774	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	11413	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	6194	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	12521	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	9718	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	8232	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	28	0.003	ng	0.02
5) Phenol-d6	7.074	99	59m	0.005	ng	0.04
8) Nitrobenzene-d5	9.003	82	2230	0.241	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	5181	0.265	ng	0.00
14) 2,4,6-Tribromophenol	15.995	330	78	0.033	ng	0.02
15) 2-Fluorobiphenyl	13.105	172	8064	0.315	ng	0.00
27) Fluoranthene-d10	19.270	212	10875	0.292	ng	0.00
31) Terphenyl-d14	19.872	244	9491	0.409	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	13627	2.755	ng	94
34) Bis(2-ethylhexyl)phtha...	21.351	149	3385	0.173	ng	95

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

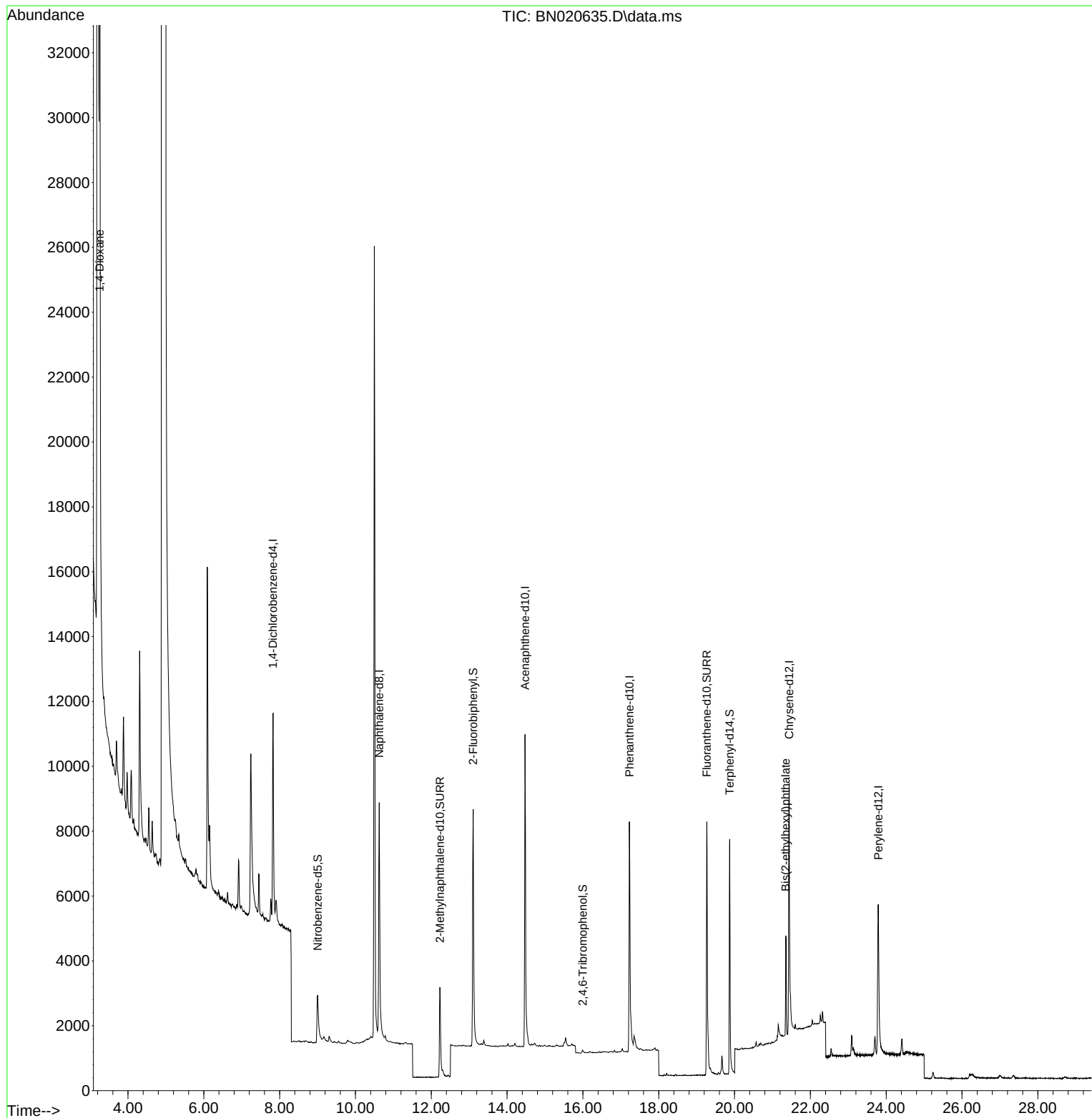
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020635.D
Acq On : 02 Jul 2022 18:46
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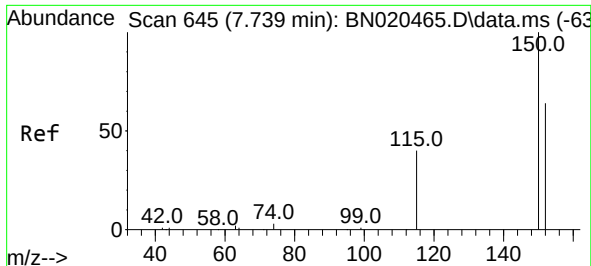
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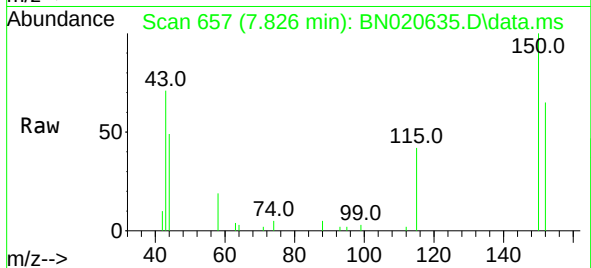
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN020635.D
 Acq: 02 Jul 2022 18:46

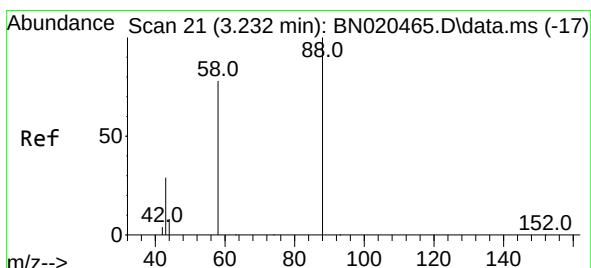
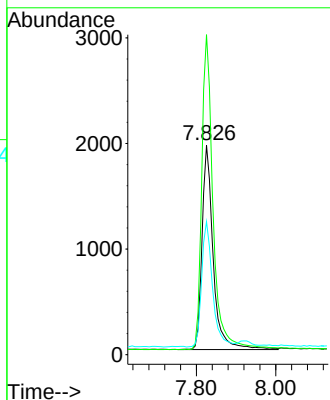
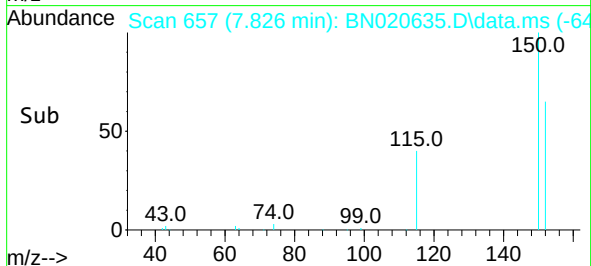
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20220622



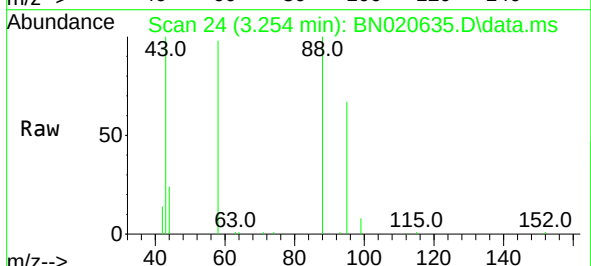
Tgt Ion: 152 Resp: 3774
 Ion Ratio Lower Upper
 152 100
 150 152.8 127.9 191.9
 115 63.6 51.4 77.2

Manual Integrations
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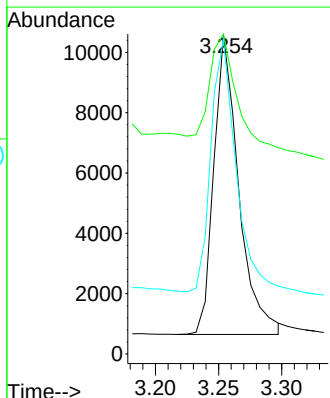
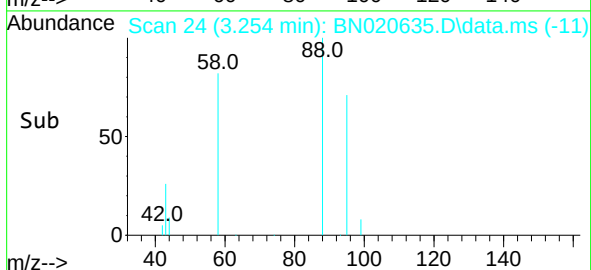
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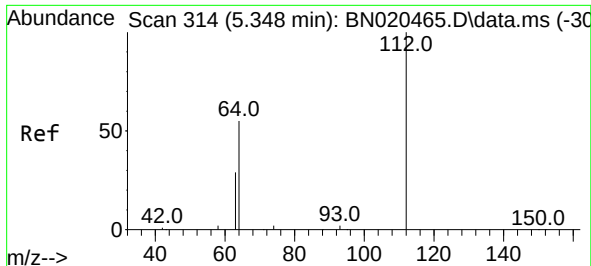


#2
 1,4-Dioxane
 Concen: 2.755 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN020635.D
 Acq: 02 Jul 2022 18:46



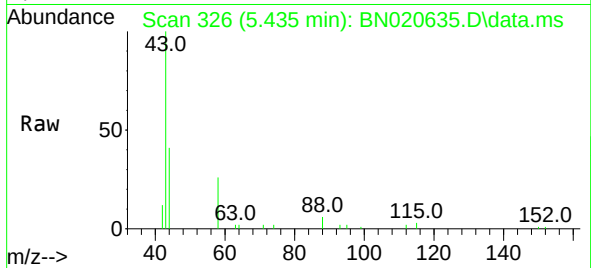
Tgt Ion: 88 Resp: 13627
 Ion Ratio Lower Upper
 88 100
 43 40.5 30.2 45.2
 58 84.9 73.0 109.6





#4
2-Fluorophenol
Concen: 0.003 ng
RT: 5.435 min Scan# 314
Delta R.T. 0.022 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

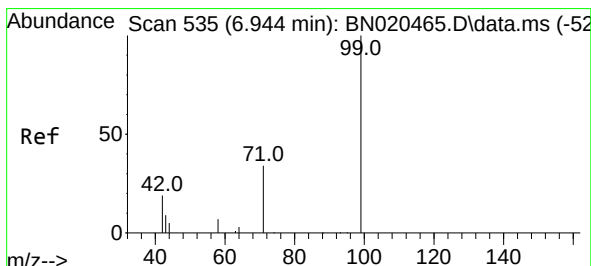
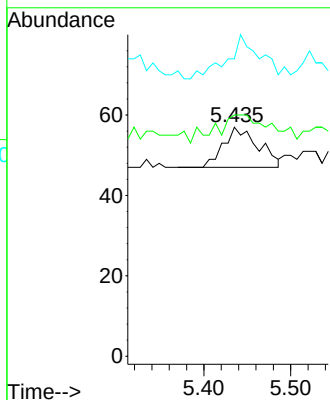
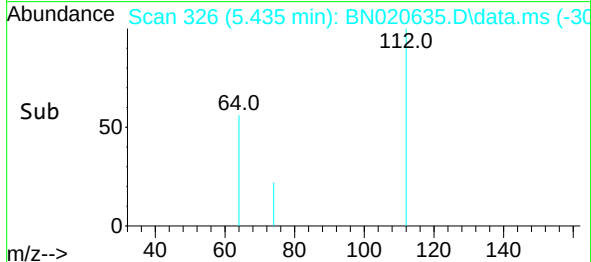
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ClientSampleId :
RE114D1-20220622



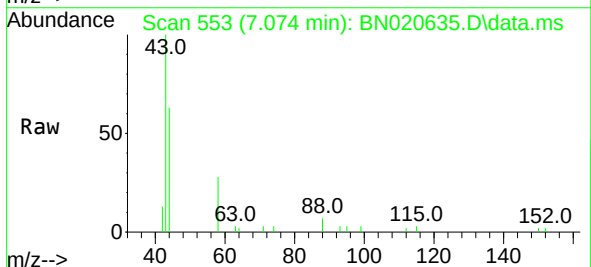
Tgt Ion: 112 Resp: 28
Ion Ratio Lower Upper
112 100
64 110.7 49.1 73.7
63 107.1 26.3 39.5

Manual Integrations
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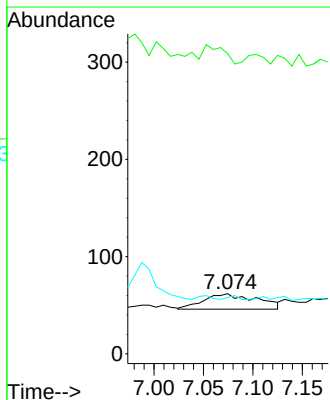
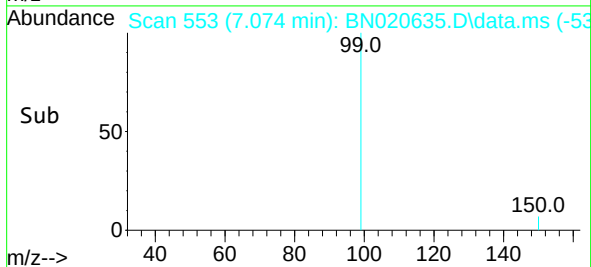
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

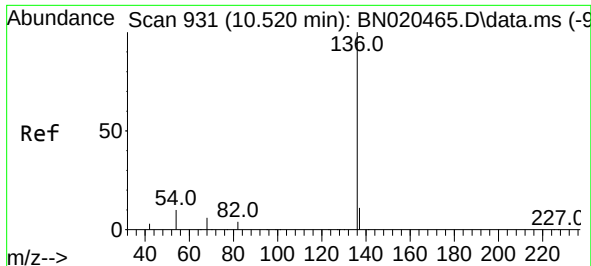


#5
Phenol-d6
Concen: 0.005 ng m
RT: 7.074 min Scan# 553
Delta R.T. 0.044 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46



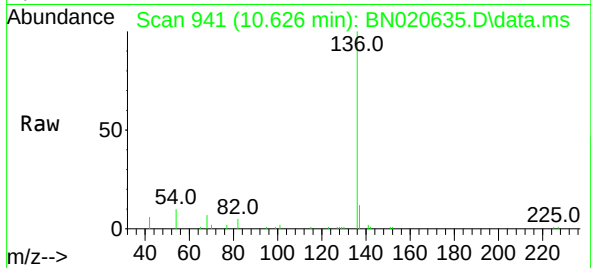
Tgt Ion: 99 Resp: 59
Ion Ratio Lower Upper
99 100
42 39.0 19.3 28.9#
71 122.0 27.5 41.3#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

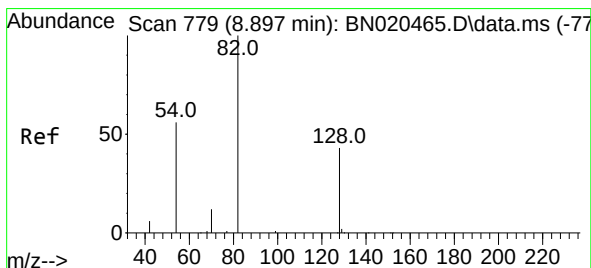
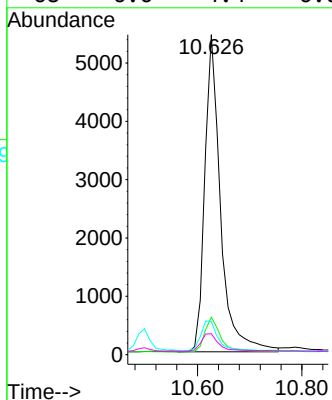
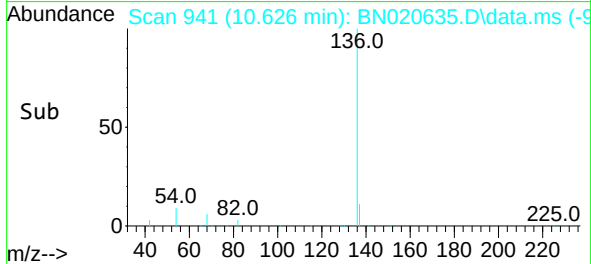
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ClientSampleId :
RE114D1-20220622



Tgt Ion:136 Resp: 1141
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 10.4 6.2 9.2
68 6.6 4.4 6.6

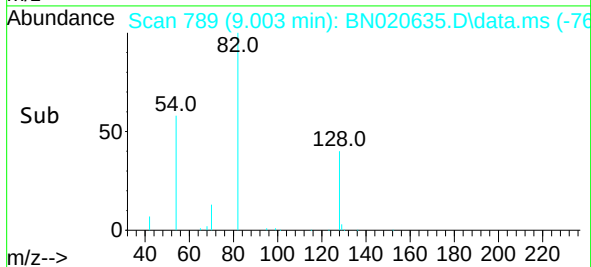
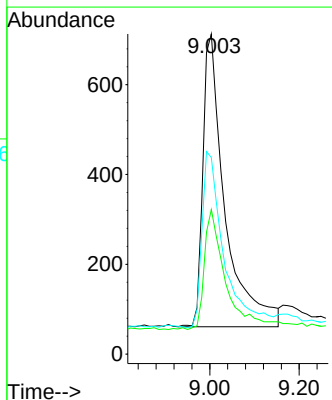
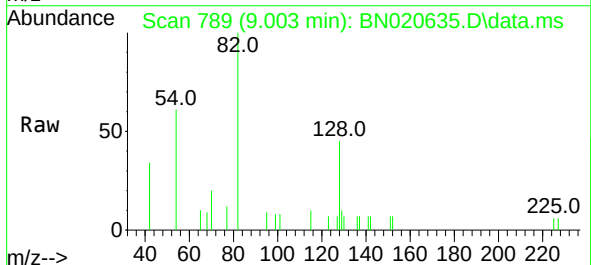
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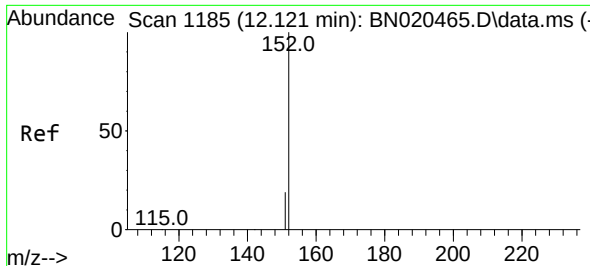
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

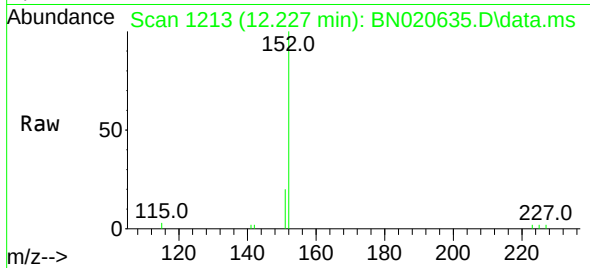
Tgt Ion: 82 Resp: 2230
Ion Ratio Lower Upper
82 100
128 45.2 35.0 52.6
54 61.4 46.2 69.4





#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.227 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

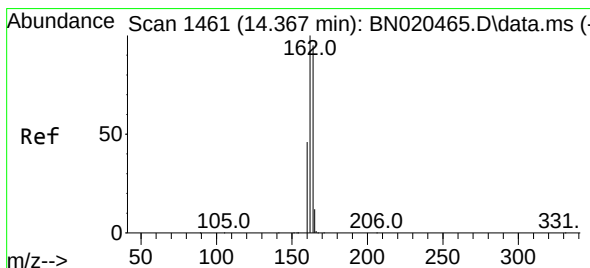
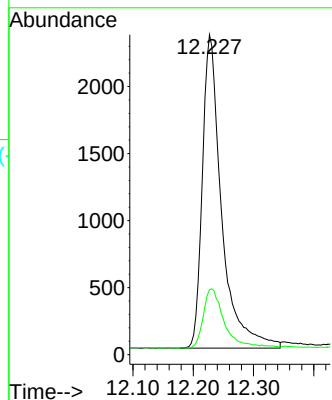
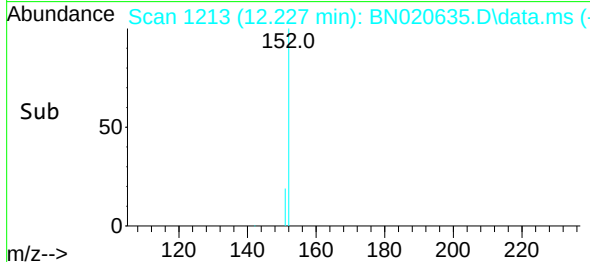
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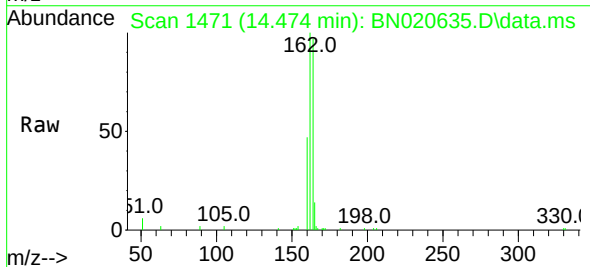
Tgt Ion:152 Resp: 518
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

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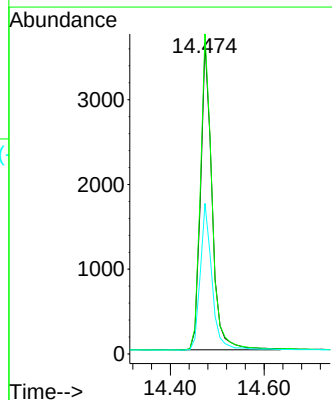
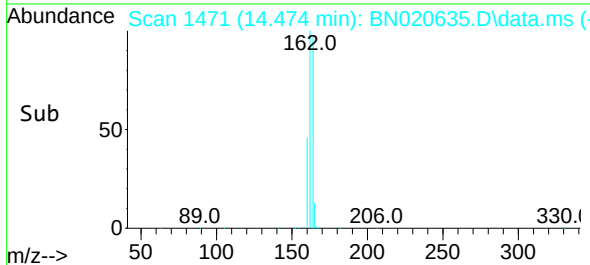
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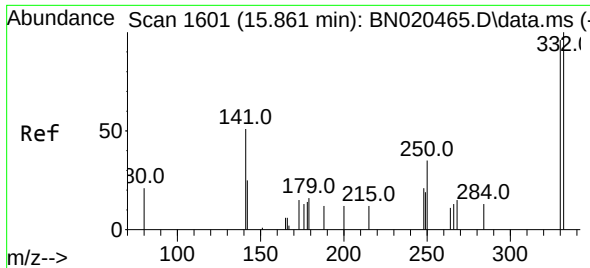


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46



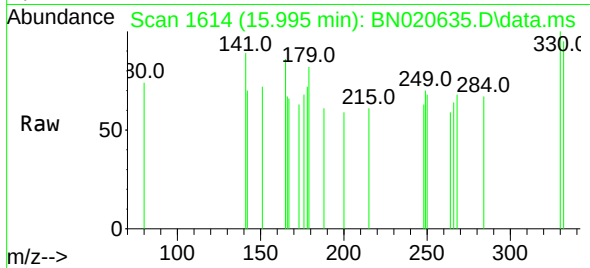
Tgt Ion:164 Resp: 6194
Ion Ratio Lower Upper
164 100
162 102.8 82.1 123.1
160 48.4 38.6 58.0





#14
2,4,6-Tribromophenol
Concen: 0.033 ng
RT: 15.995 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

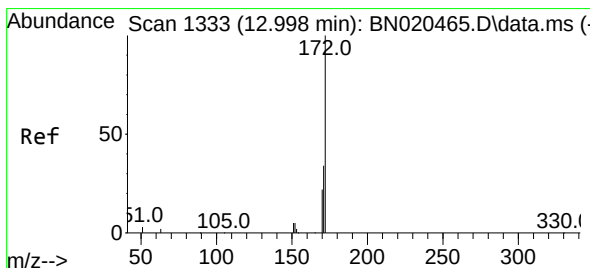
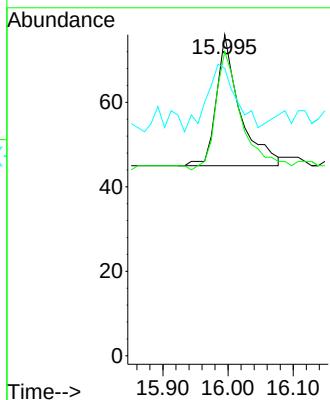
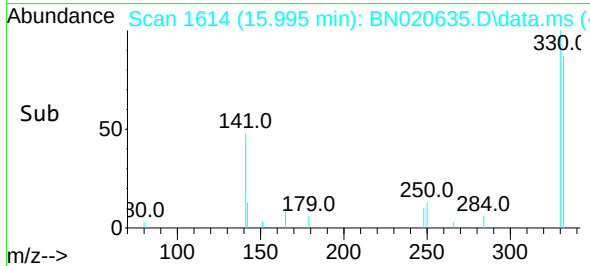
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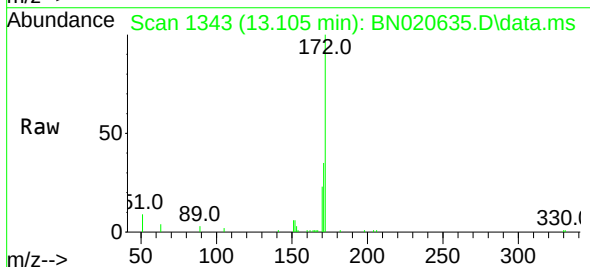
Tgt Ion:330 Resp: 78
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 64.1 41.0 61.4

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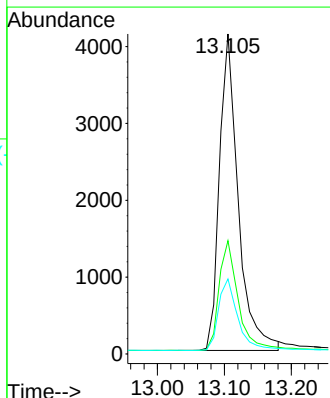
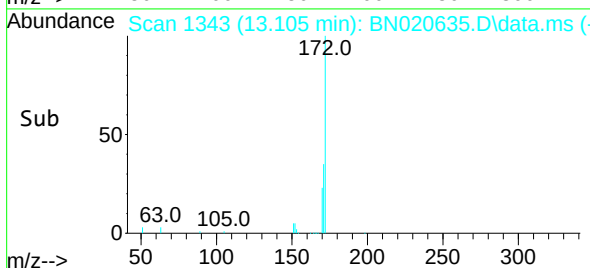
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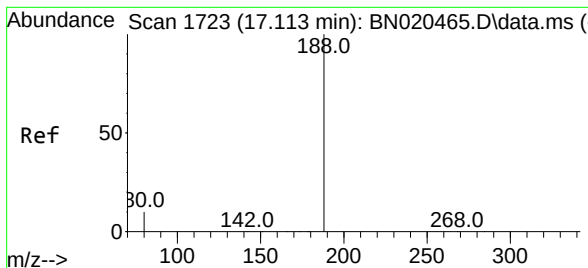


#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46



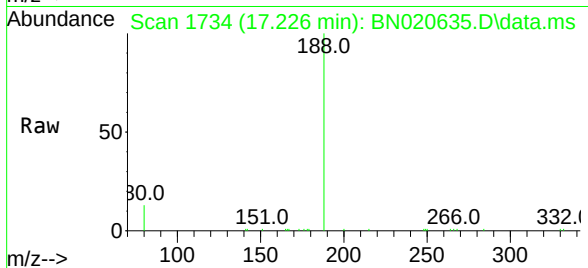
Tgt Ion:172 Resp: 8064
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 23.5 18.2 27.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

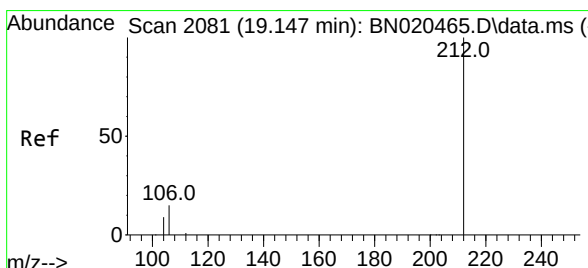
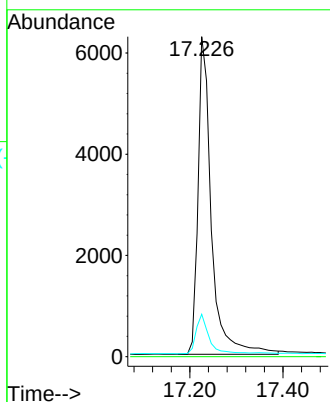
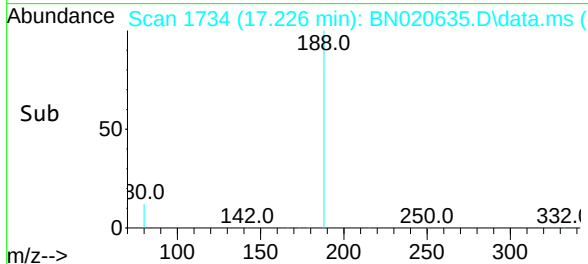
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Tgt Ion:188 Resp: 1252
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 7.4 11.2

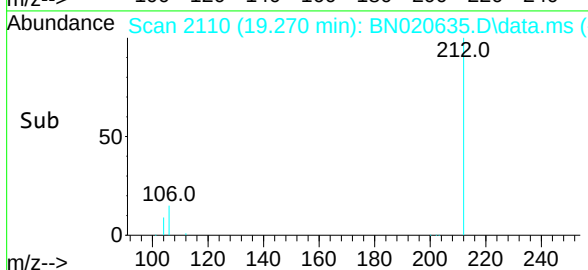
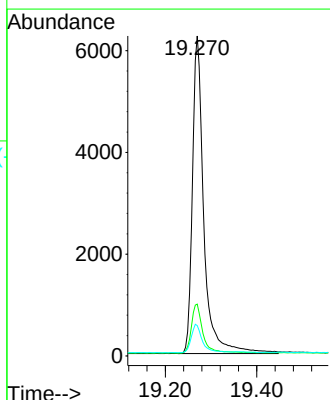
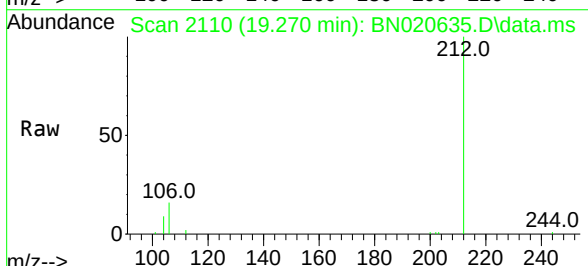
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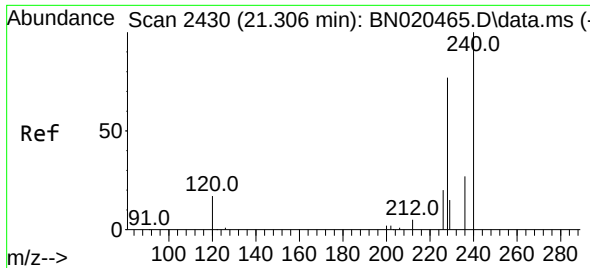
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#27
Fluoranthene-d10
Concen: 0.292 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

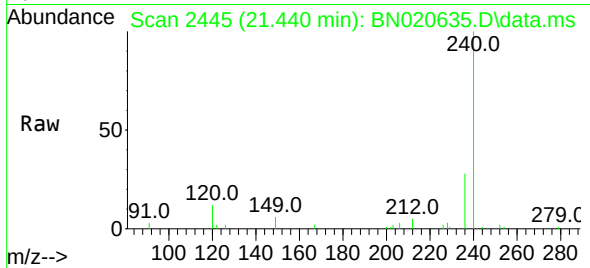
Tgt Ion:212 Resp: 10875
Ion Ratio Lower Upper
212 100
106 15.3 12.6 19.0
104 8.7 7.2 10.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46

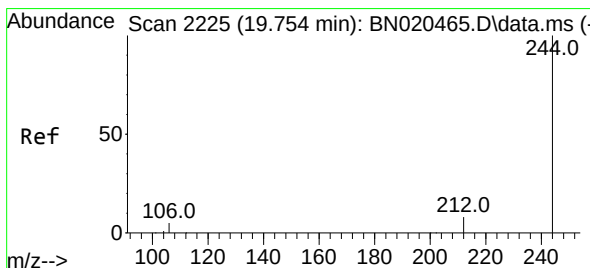
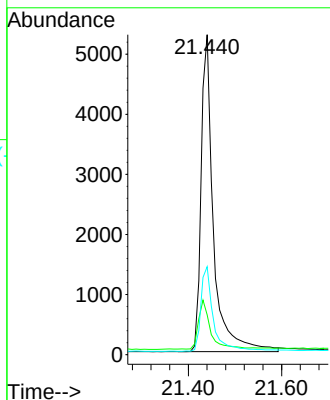
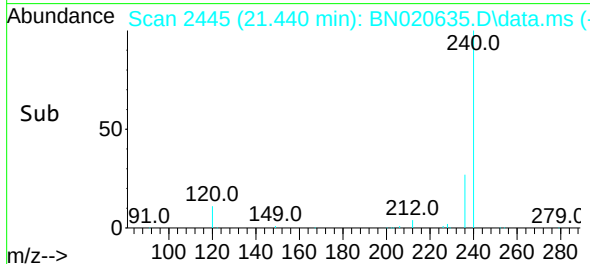
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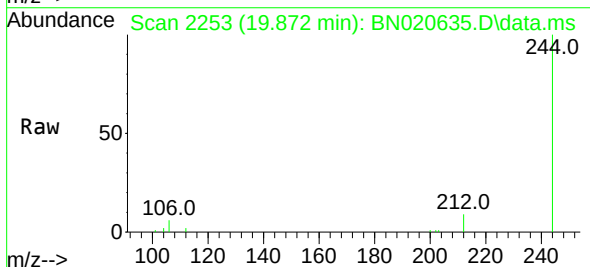
Tgt Ion:240 Resp: 9718
Ion Ratio Lower Upper
240 100
120 12.5 14.6 21.8
236 27.5 22.6 33.8

Manual Integrations
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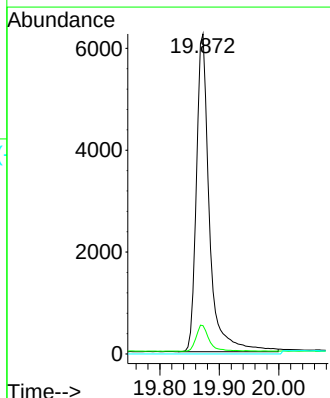
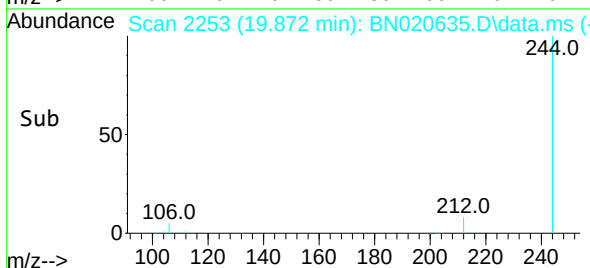
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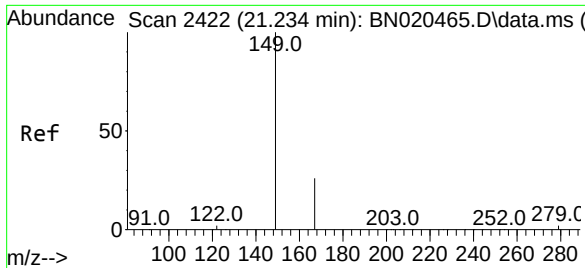


#31
Terphenyl-d14
Concen: 0.409 ng
RT: 19.872 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN020635.D
Acq: 02 Jul 2022 18:46



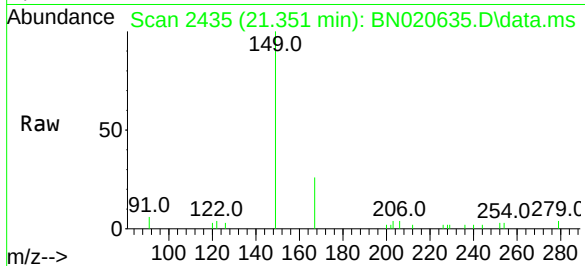
Tgt Ion:244 Resp: 9491
Ion Ratio Lower Upper
244 100
212 8.9 7.1 10.7
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.173 ng
 RT: 21.351 min Scan# 2422
 Delta R.T. 0.000 min
 Lab File: BN020635.D
 Acq: 02 Jul 2022 18:46

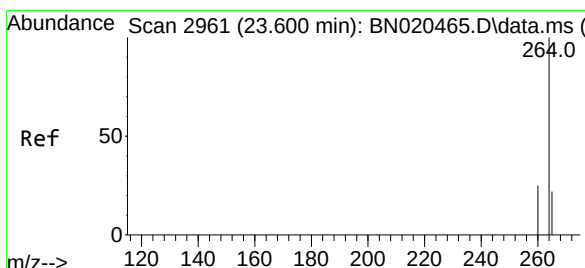
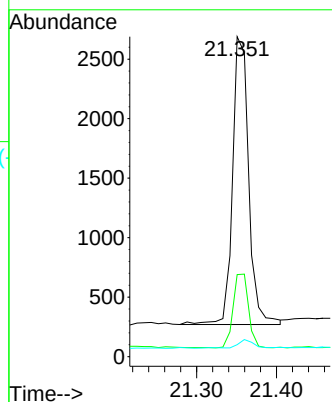
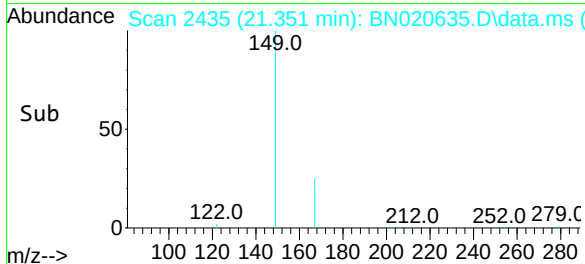
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20220622



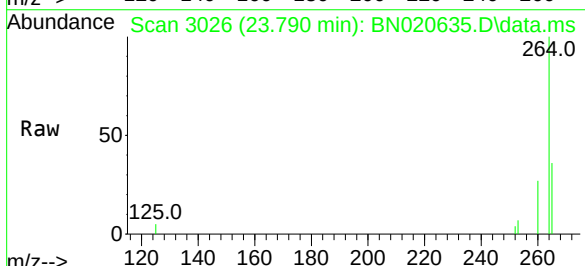
Tgt Ion:149 Resp: 3385
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.7 32.5
 279 3.0 2.2 3.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 3026
 Delta R.T. 0.000 min
 Lab File: BN020635.D
 Acq: 02 Jul 2022 18:46



Tgt Ion:264 Resp: 8232
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.9 31.3
 265 36.1 28.0 42.0

