

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019096.D
 Acq On : 23 Mar 2022 17:48
 Operator : CG/JU
 Sample : N2041-12DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20220317DL

Quant Time: Mar 24 05:31:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/24/2022
 Supervised By :Jagrut Upadhyay 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4554	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	12273	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	7304	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	15256	0.400	ng	-0.01
29) Chrysene-d12	21.422	240	11237	0.400	ng	# 0.00
35) Perylene-d12	23.784	264	8913	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	503	0.049	ng	0.00
5) Phenol-d6	7.031	99	222	0.021	ng	0.02
8) Nitrobenzene-d5	9.025	82	653m	0.074	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	2585	0.127	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	478	0.136	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	3994	0.136	ng	-0.01
27) Fluoranthene-d10	19.261	212	7140	0.158	ng	0.00
31) Terphenyl-d14	19.855	244	4205	0.152	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	15976	2.839	ng	98
34) Bis(2-ethylhexyl)phtha...	21.333	149	3648	0.159	ng	98

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

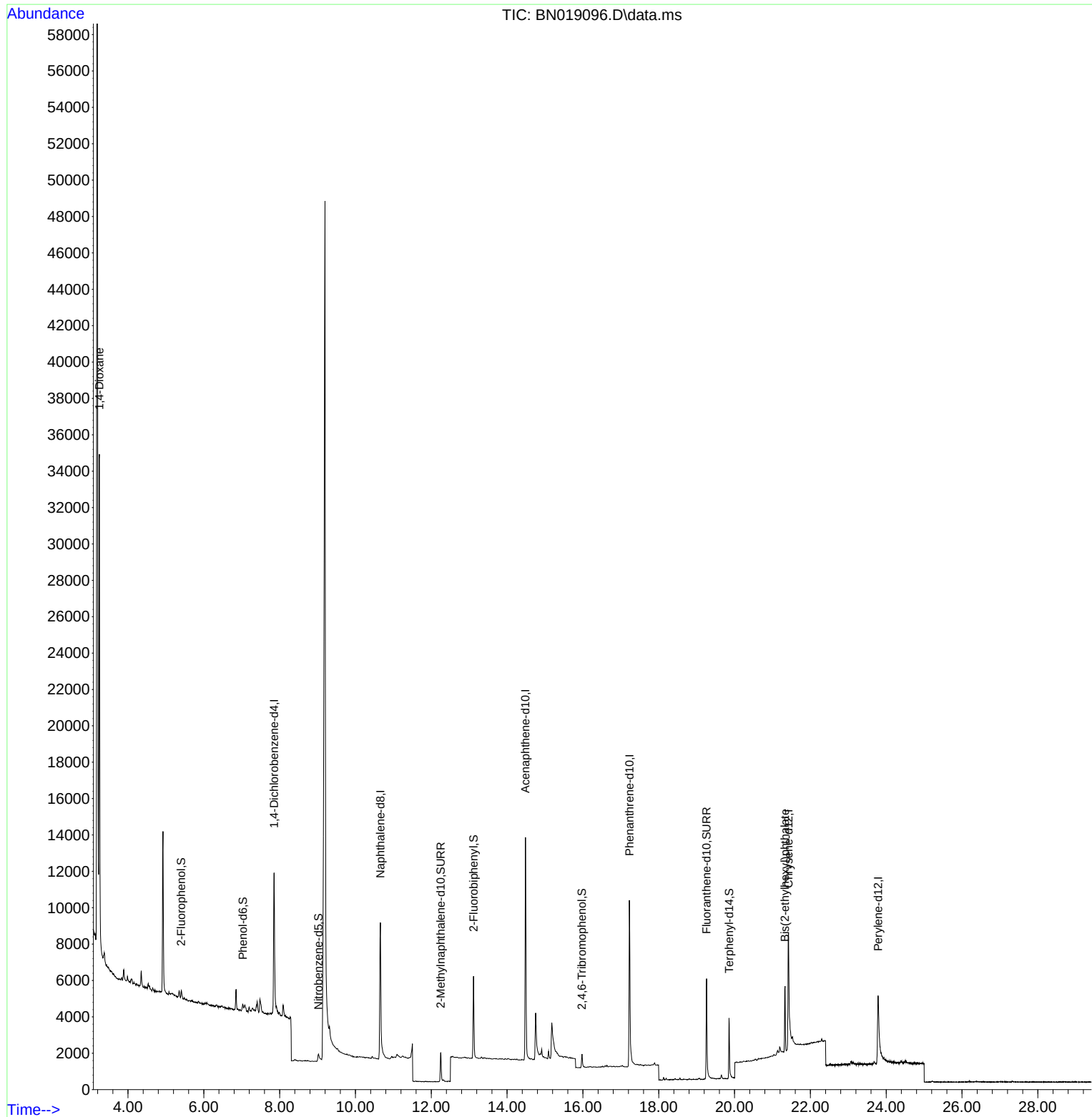
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019096.D
Acq On : 23 Mar 2022 17:48
Operator : CG/JU
Sample : N2041-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

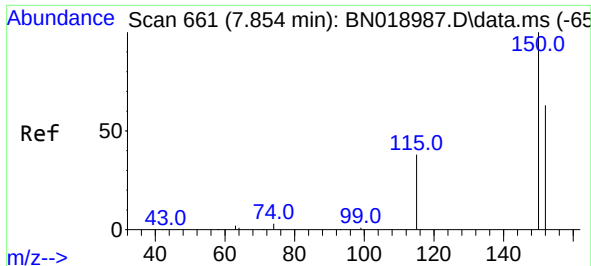
Instrument :
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ClientSampleId :
RE125D1-20220317DL

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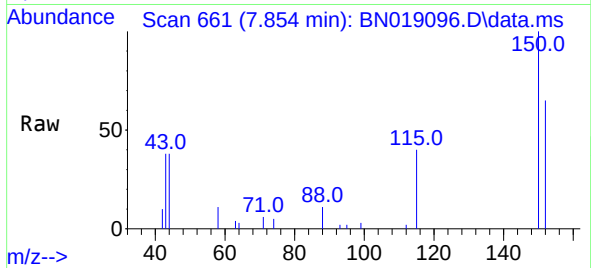
Quant Time: Mar 24 05:31:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

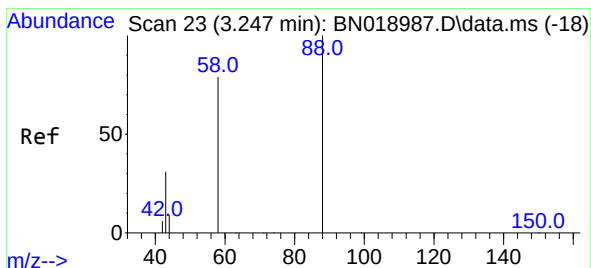
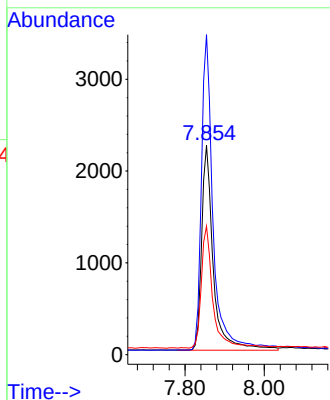
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317DL



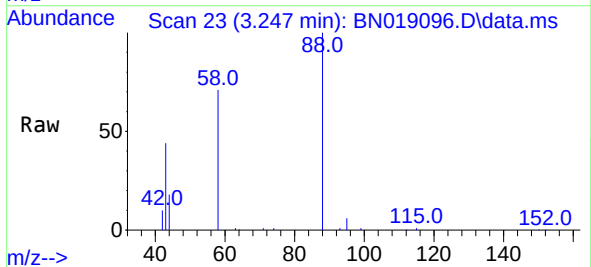
Tgt Ion:152 Resp: 4554
Ion Ratio Lower Upper
152 100
150 152.8 123.9 185.9
115 61.3 48.2 72.4

Manual Integrations
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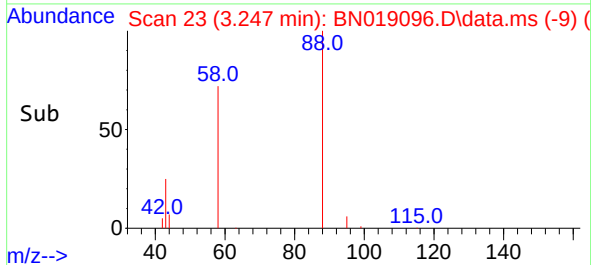
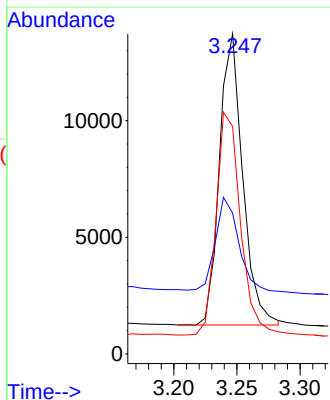
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

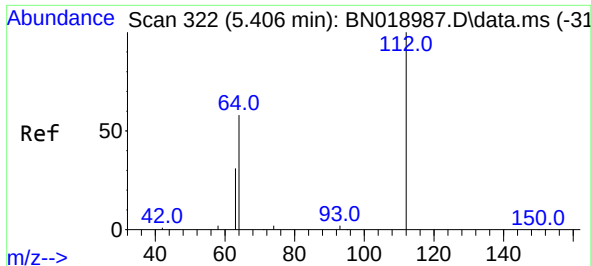


#2
1,4-Dioxane
Concen: 2.839 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48



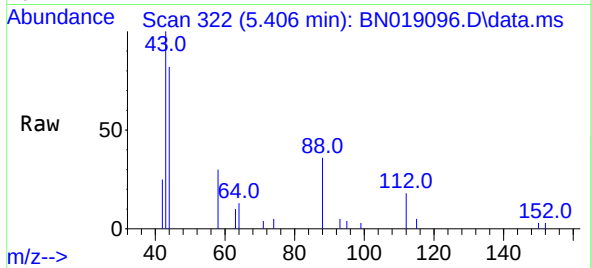
Tgt Ion: 88 Resp: 15976
Ion Ratio Lower Upper
88 100
43 32.2 24.6 37.0
58 80.3 65.4 98.2





#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.406 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

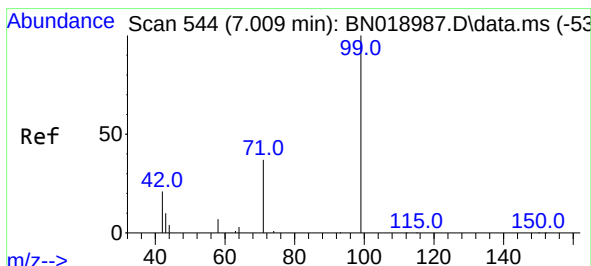
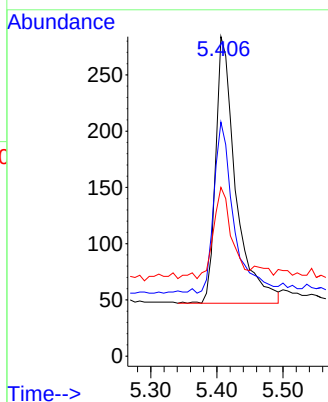
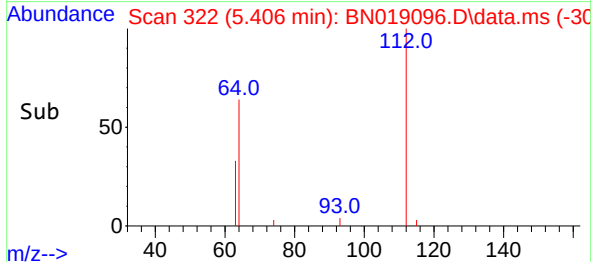
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317DL



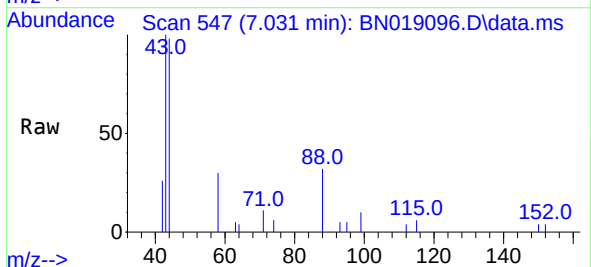
Tgt Ion:112 Resp: 50
Ion Ratio Lower Upper
112 100
64 64.0 47.8 71.8
63 30.4 25.7 38.5

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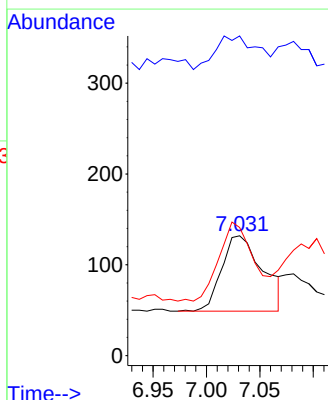
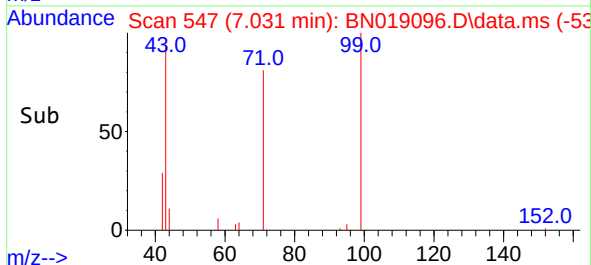
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

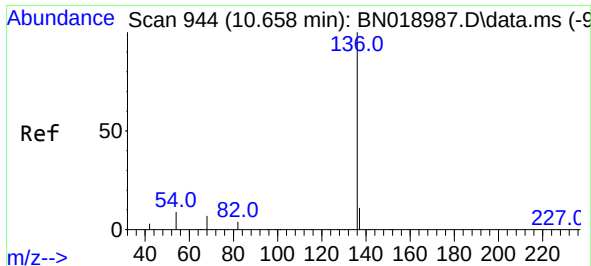


#5
Phenol-d6
Concen: 0.021 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.022 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48



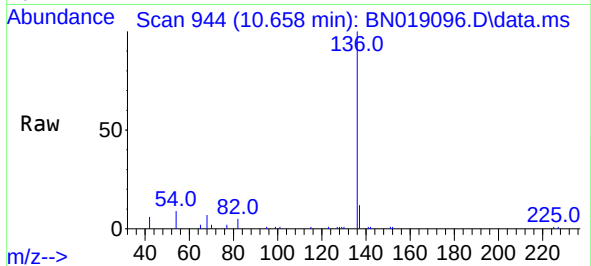
Tgt Ion: 99 Resp: 222
Ion Ratio Lower Upper
99 100
42 45.5 16.2 24.4#
71 89.2 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

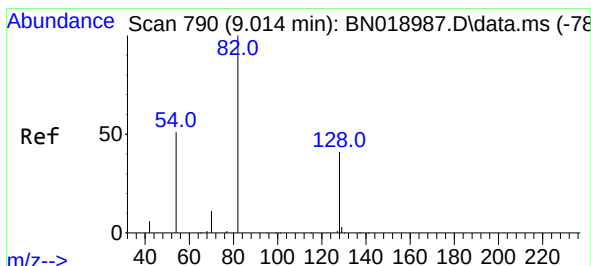
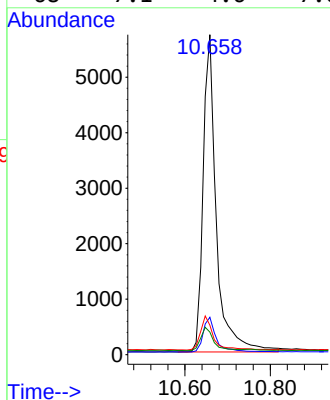
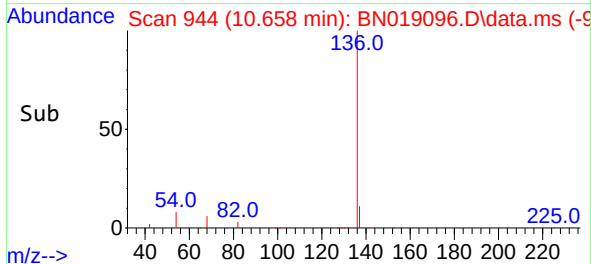
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317DL



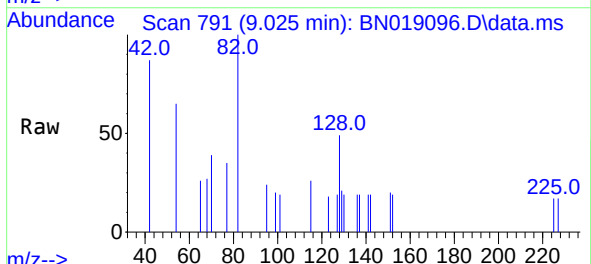
Tgt Ion:136 Resp: 1227
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 9.2 5.8 8.6
68 7.1 4.6 7.0#

Manual Integrations
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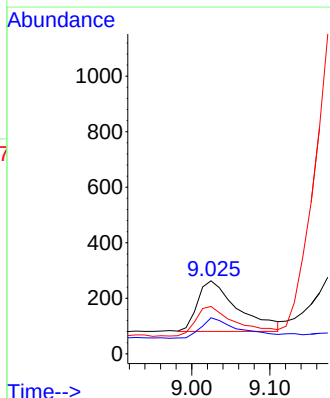
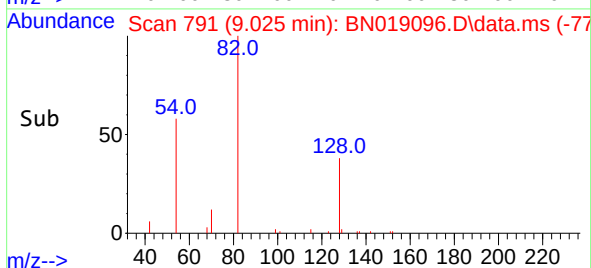
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

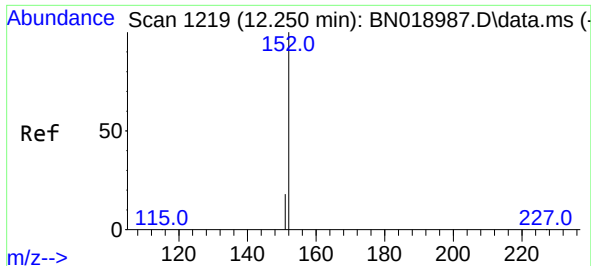


#8
Nitrobenzene-d5
Concen: 0.074 ng m
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48



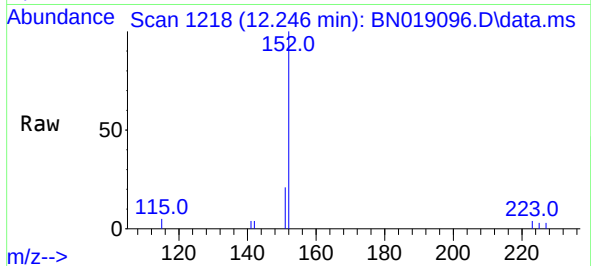
Tgt Ion: 82 Resp: 653
Ion Ratio Lower Upper
82 100
128 49.4 33.0 49.6
54 65.0 42.5 63.7#





#11
2-Methylnaphthalene-d10
Concen: 0.127 ng
RT: 12.246 min Scan# 1219
Delta R.T. -0.004 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

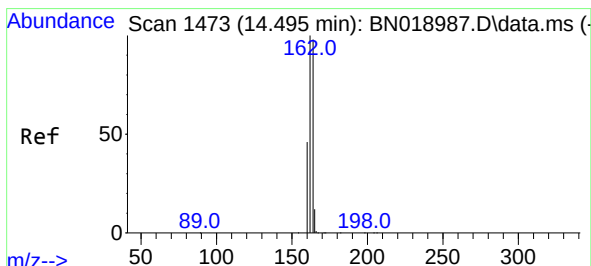
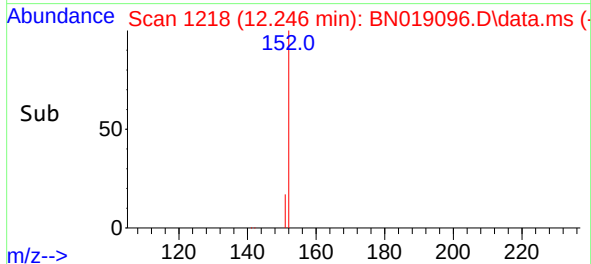
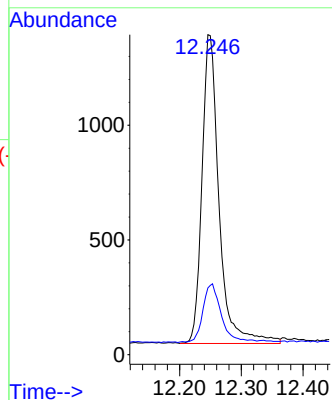
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317DL



Tgt Ion:152 Resp: 2585
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7

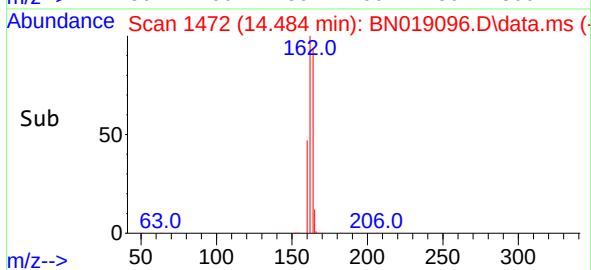
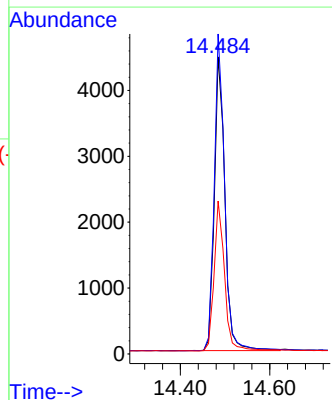
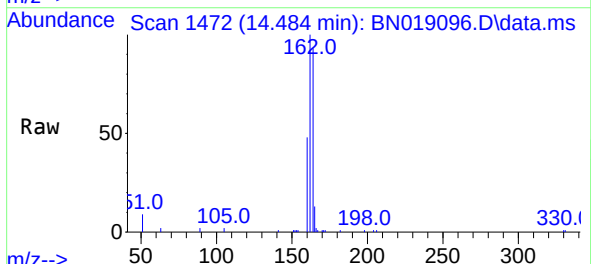
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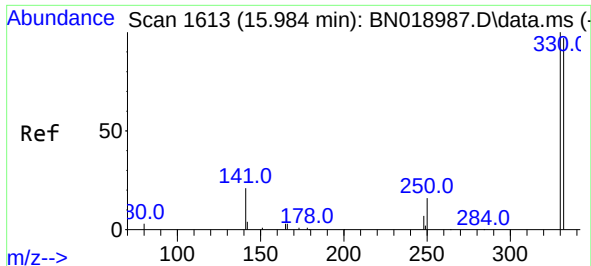
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

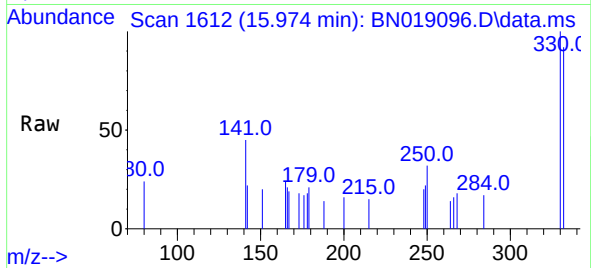
Tgt Ion:164 Resp: 7304
Ion Ratio Lower Upper
164 100
162 107.7 85.2 127.8
160 51.5 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

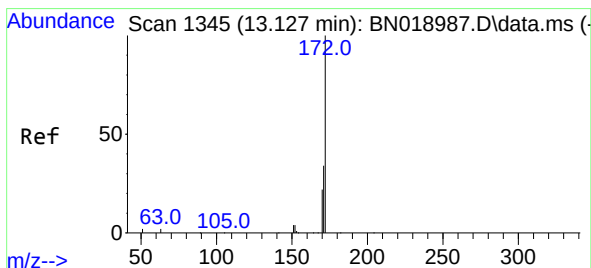
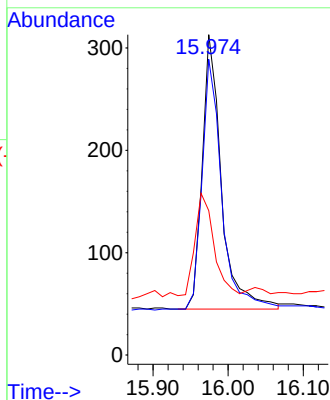
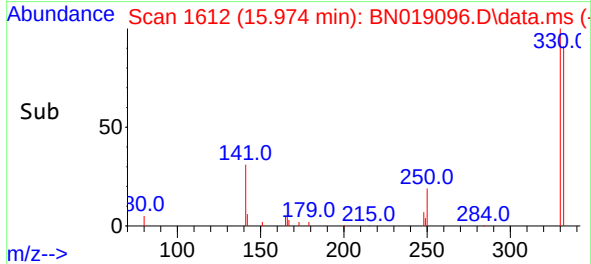
Instrument :
BNA_N
ClientSampleId :
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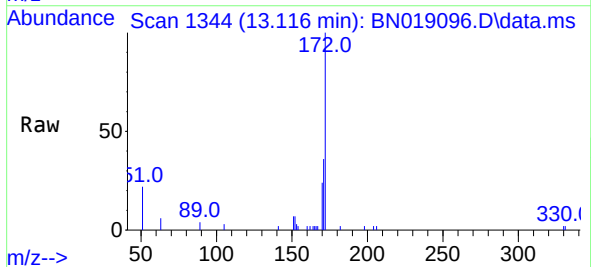
Tgt Ion:330 Resp: 478
Ion Ratio Lower Upper
330 100
332 95.0 76.8 115.2
141 36.4 32.2 48.2

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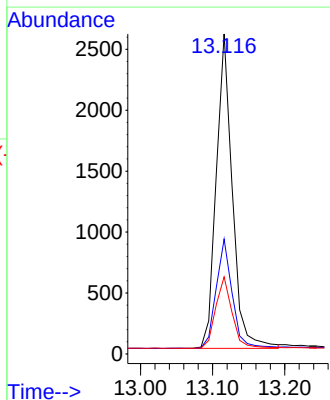
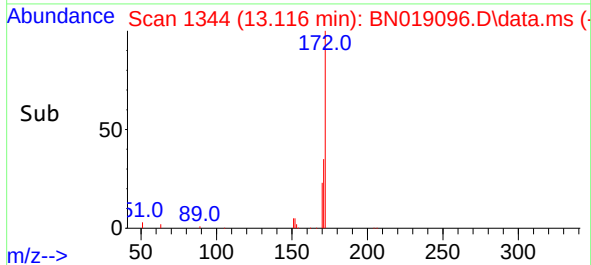
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

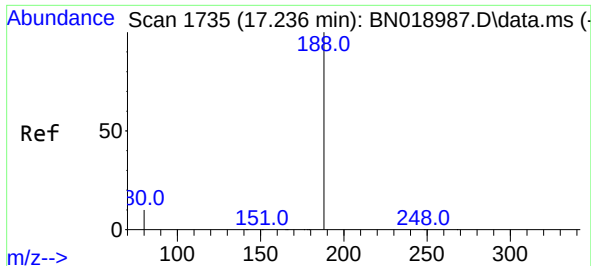


#15
2-Fluorobiphenyl
Concen: 0.136 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48



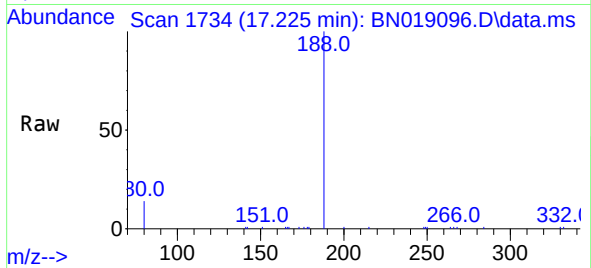
Tgt Ion:172 Resp: 3994
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.1 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

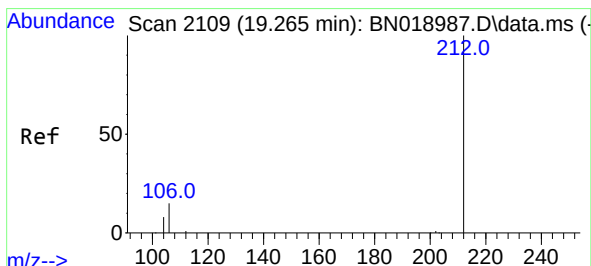
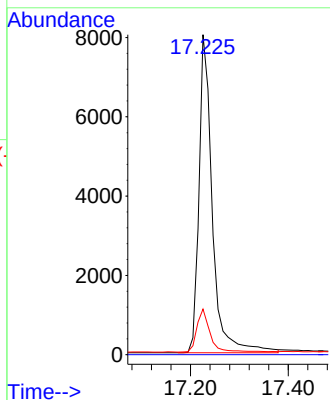
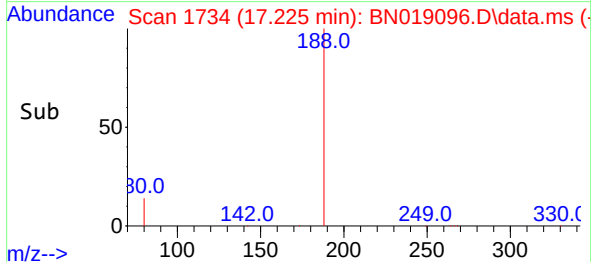
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317DL



Tgt Ion:188 Resp: 15250
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 11.8 17.8

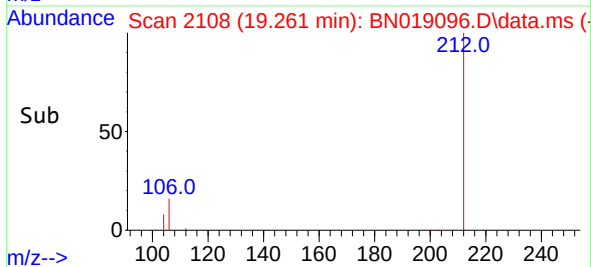
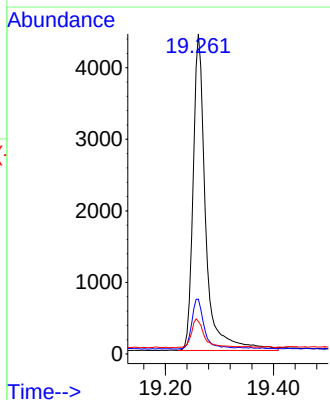
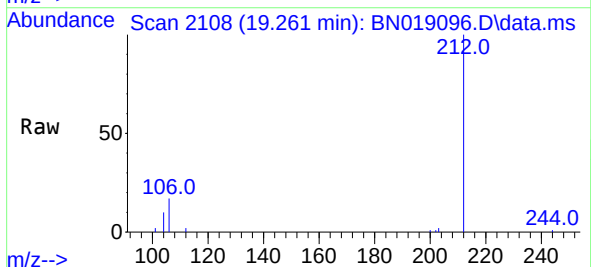
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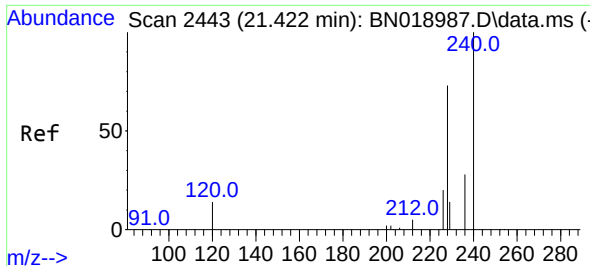
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#27
Fluoranthene-d10
Concen: 0.158 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

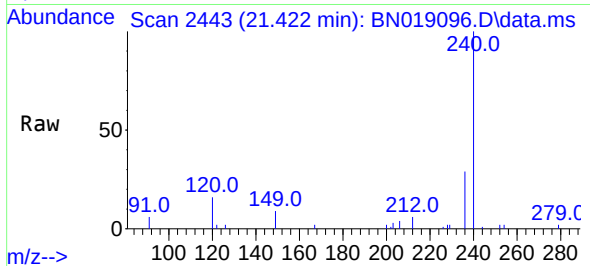
Tgt Ion:212 Resp: 7140
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 9.3 7.1 10.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

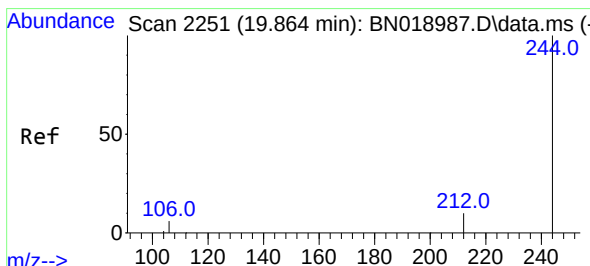
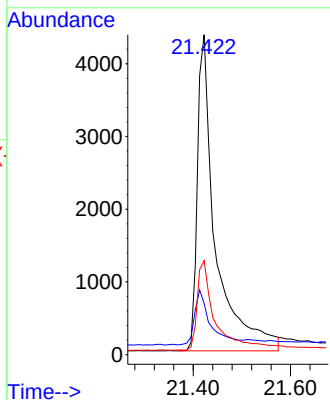
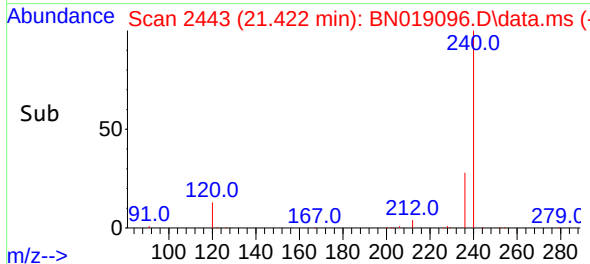
Instrument :
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RE125D1-20220317DL



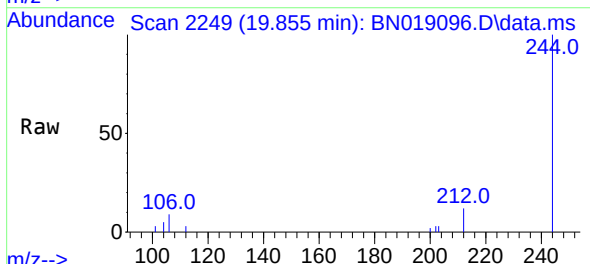
Tgt Ion:240 Resp: 1123
Ion Ratio Lower Upper
240 100
120 16.0 8.5 12.7
236 29.4 22.4 33.6

Manual Integrations
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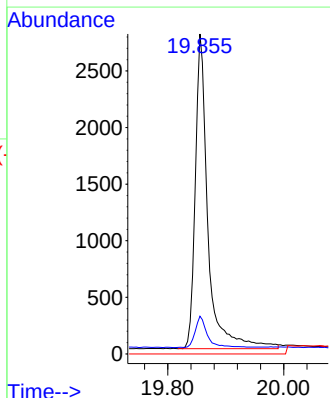
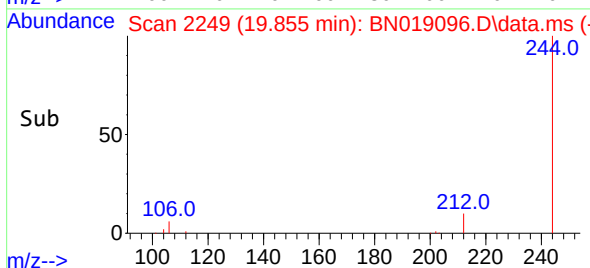
Reviewed By :Christian Giraldo 03/24/2022
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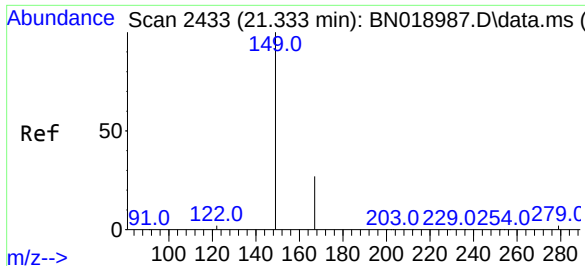


#31
Terphenyl-d14
Concen: 0.152 ng
RT: 19.855 min Scan# 2249
Delta R.T. -0.008 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48



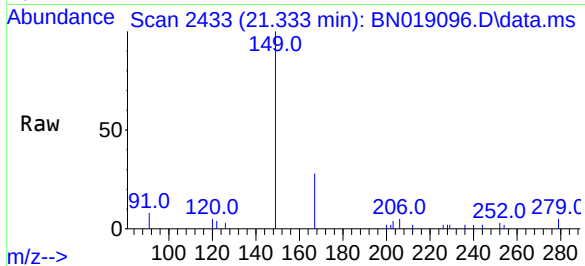
Tgt Ion:244 Resp: 4205
Ion Ratio Lower Upper
244 100
212 11.8 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.159 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

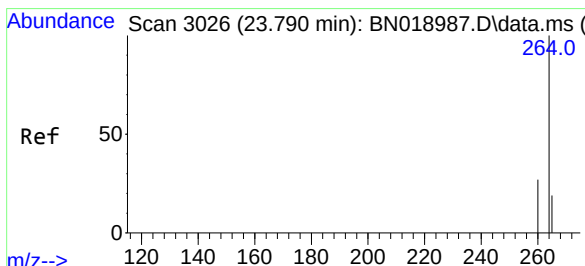
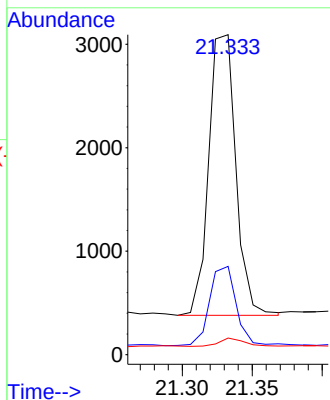
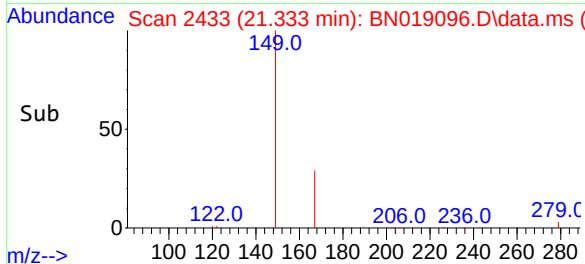
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220317DL



Tgt Ion:149 Resp: 3648
Ion Ratio Lower Upper
149 100
167 28.4 21.8 32.8
279 2.7 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.784 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019096.D
Acq: 23 Mar 2022 17:48

Tgt Ion:264 Resp: 8913
Ion Ratio Lower Upper
264 100
260 28.5 22.4 33.6
265 45.6 25.3 37.9

