

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017916.D
 Acq On : 11 Dec 2021 22:38
 Operator : CG/JU
 Sample : M4957-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20211206

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 12 02:51:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	22950	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	87281	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	59562	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	122825	0.400	ng	0.00
29) Chrysene-d12	21.293	240	83003	0.400	ng	# 0.00
35) Perylene-d12	23.592	264	55132	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	4109	0.087	ng	0.00
5) Phenol-d6	6.903	99	2174	0.046	ng	0.00
8) Nitrobenzene-d5	8.859	82	14377	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	42363m	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	98	0.336	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	59773	0.285	ng	0.01
27) Fluoranthene-d10	19.129	212	138373	0.348	ng	0.00
31) Terphenyl-d14	19.730	244	107441	0.525	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	30200m	4.336	ng	
34) Bis(2-ethylhexyl)phtha...	21.208	149	407763	4.576	ng	99

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

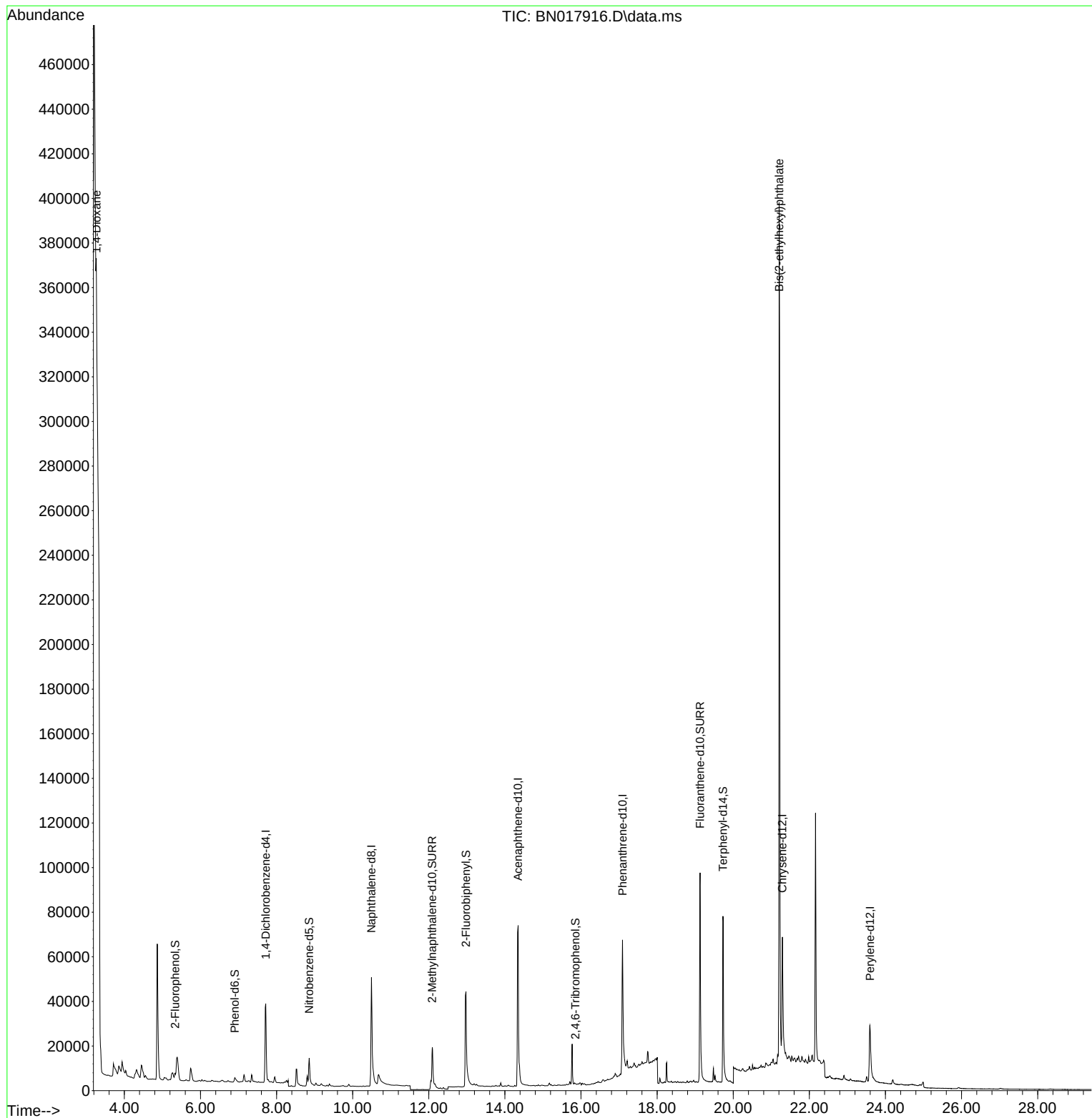
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017916.D
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Misc :
ALS Vial : 40 Sample Multiplier: 1

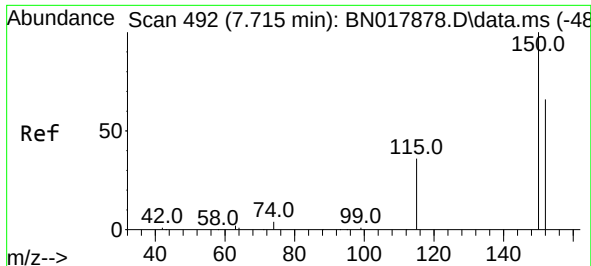
Instrument :
BNA_N
ClientSampleId :
RW4-20211206

Quant Time: Dec 12 02:51:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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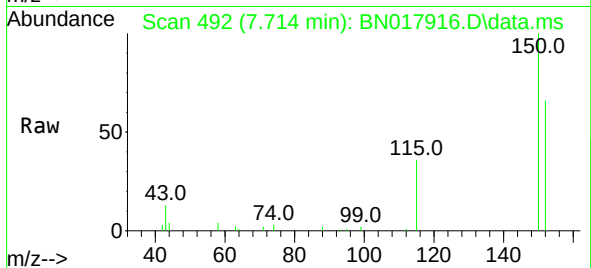
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

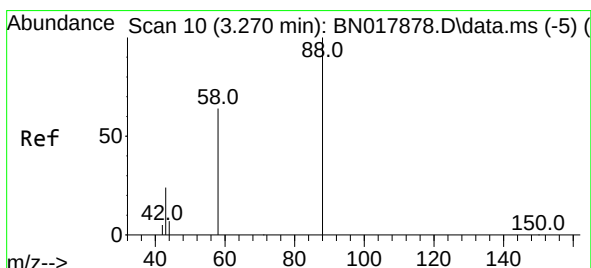
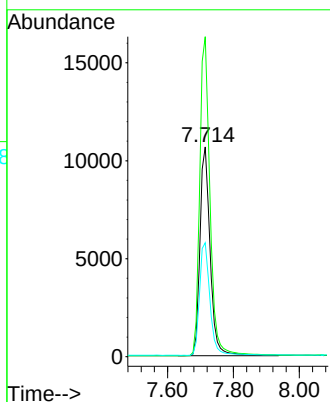
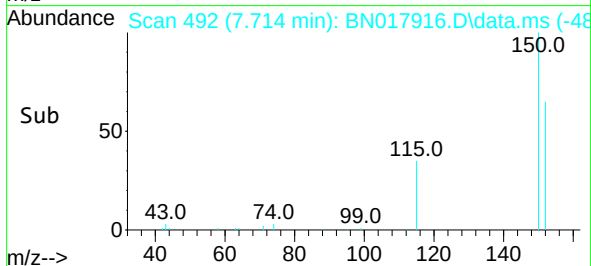
Instrument :
BNA_N
ClientSampleId :
RW4-20211206



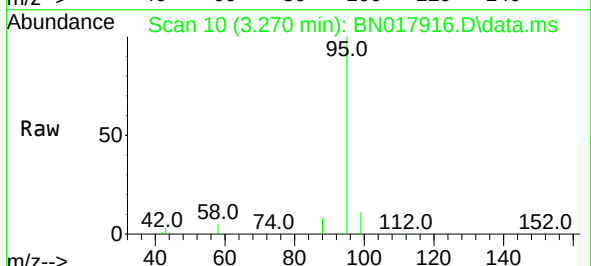
Tgt Ion: 152 Resp: 22950
Ion Ratio Lower Upper
152 100
150 152.6 121.9 182.9
115 54.4 44.1 66.1

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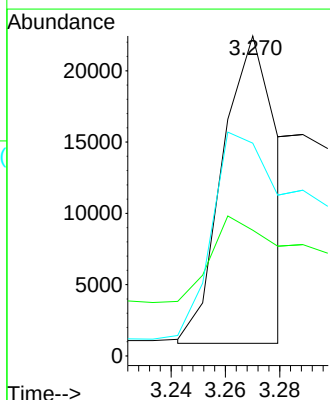
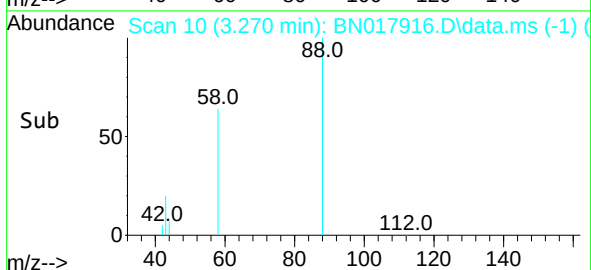
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

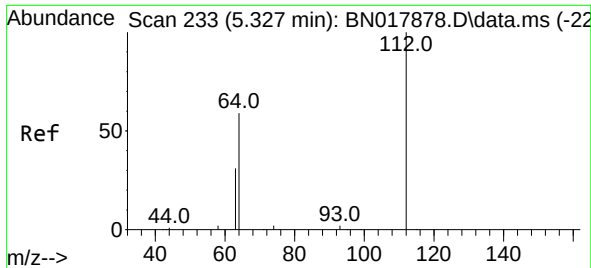


#2
1,4-Dioxane
Concen: 4.336 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38



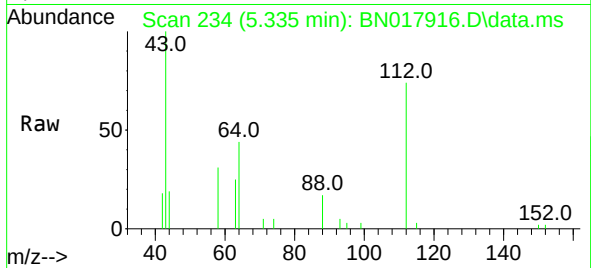
Tgt Ion: 88 Resp: 30200
Ion Ratio Lower Upper
88 100
43 45.1 28.0 42.0#
58 114.2 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.087 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

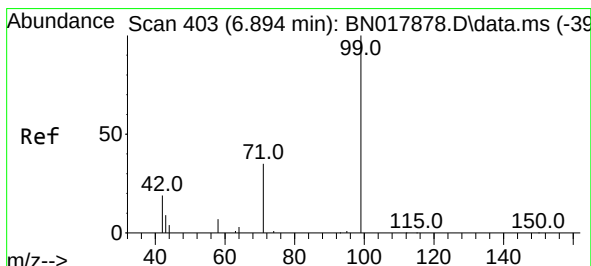
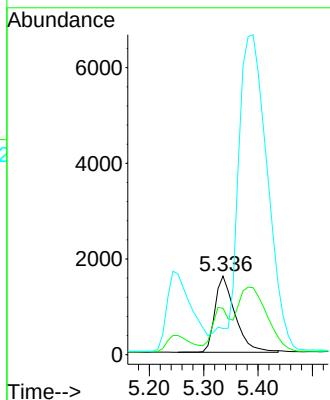
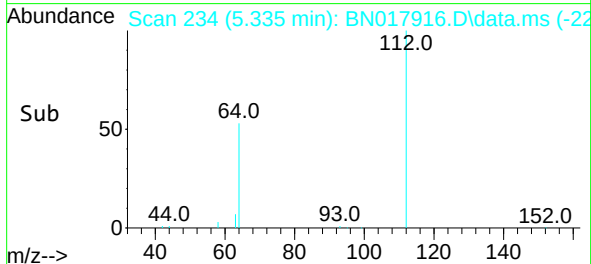
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Tgt Ion:112 Resp: 4109
Ion Ratio Lower Upper
112 100
64 43.7 49.0 73.4
63 0.0 26.2 39.2

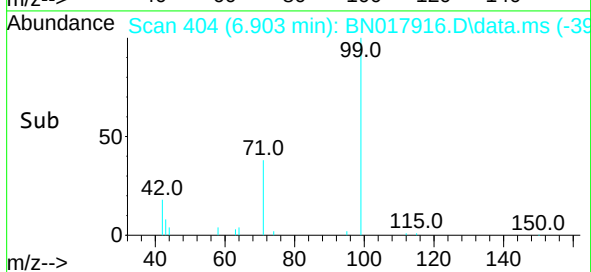
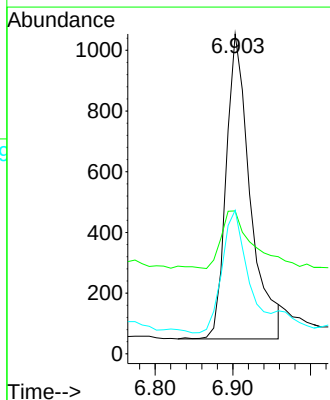
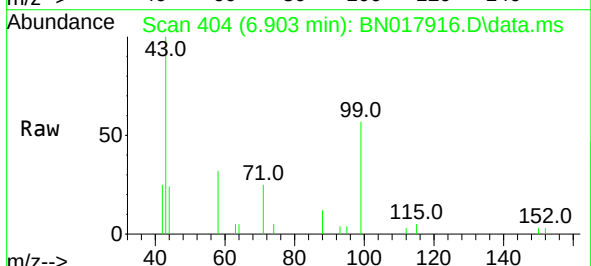
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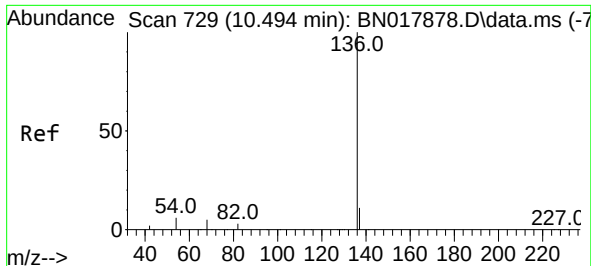
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Supervised By :Jagrut Upadhyay 12/13/2021



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

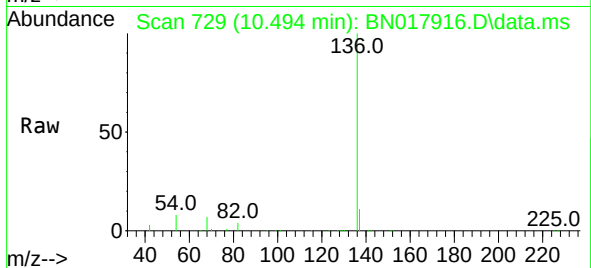
Tgt Ion: 99 Resp: 2174
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.4
71 43.3 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

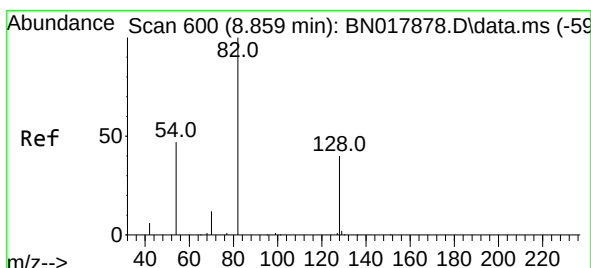
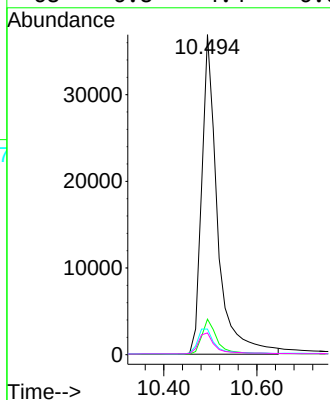
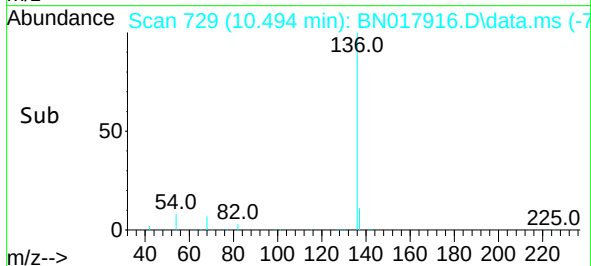
Instrument :
BNA_N
ClientSampleId :
RW4-20211206



Tgt Ion:136 Resp: 8728
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 5.1 7.7
68 6.8 4.4 6.6#

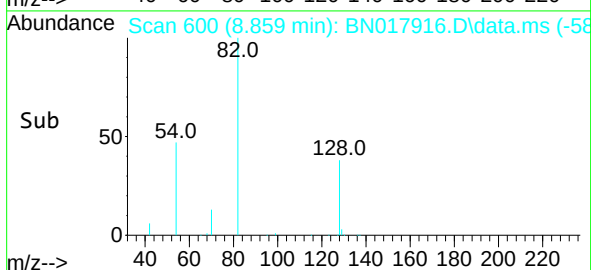
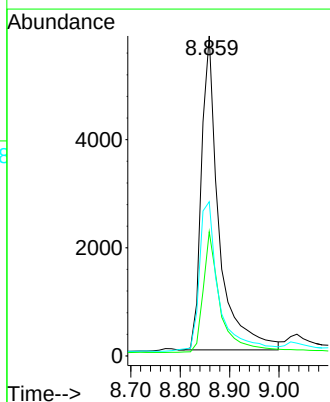
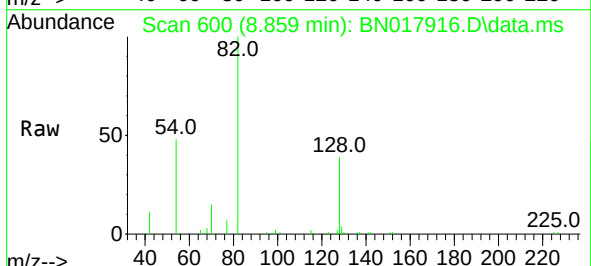
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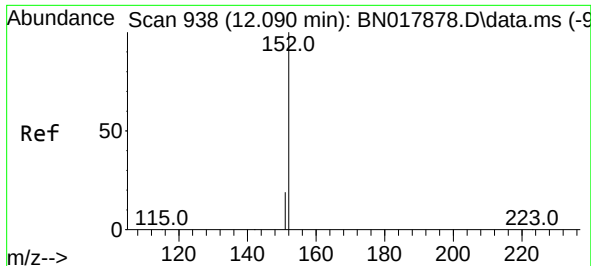
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#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

Tgt Ion: 82 Resp: 14377
Ion Ratio Lower Upper
82 100
128 38.8 32.2 48.4
54 48.2 37.6 56.4





#11

2-Methylnaphthalene-d10

Concen: 0.276 ng m

RT: 12.094 min Scan# 91

Delta R.T. 0.004 min

Lab File: BN017916.D

Acq: 11 Dec 2021 22:38

Instrument :

BNA_N

ClientSampleId :

RW4-20211206

Tgt Ion:152 Resp: 4236

Ion Ratio Lower Upper

152 100

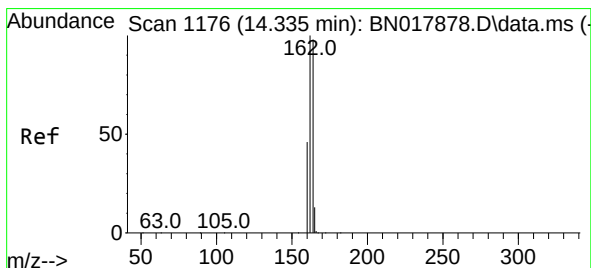
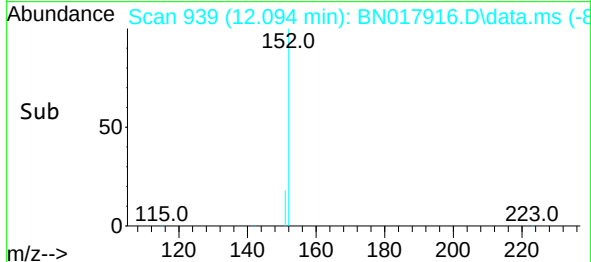
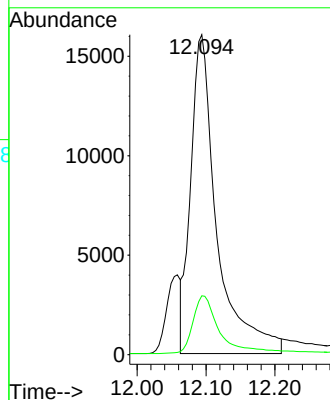
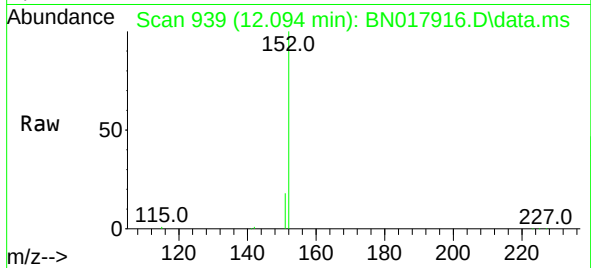
151 19.3 16.4 24.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 12/13/2021



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1177

Delta R.T. 0.012 min

Lab File: BN017916.D

Acq: 11 Dec 2021 22:38

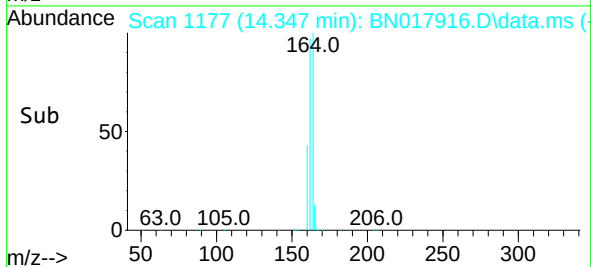
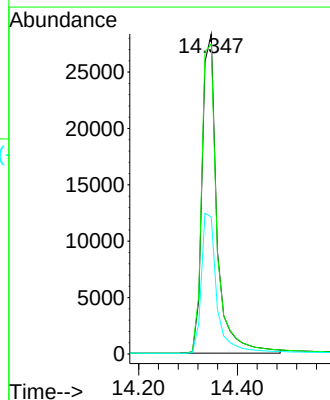
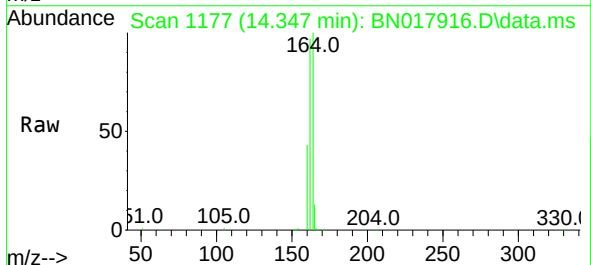
Tgt Ion:164 Resp: 59562

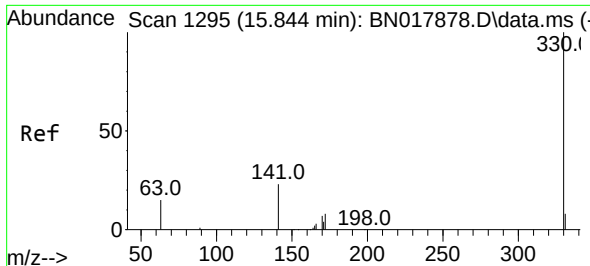
Ion Ratio Lower Upper

164 100

162 96.8 82.1 123.1

160 42.8 38.2 57.2





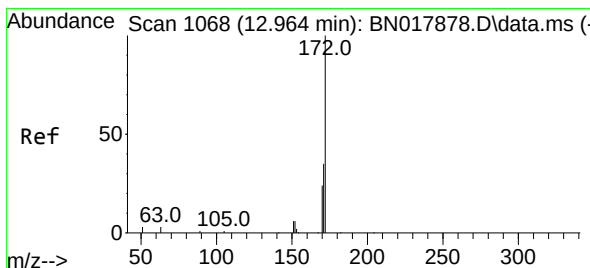
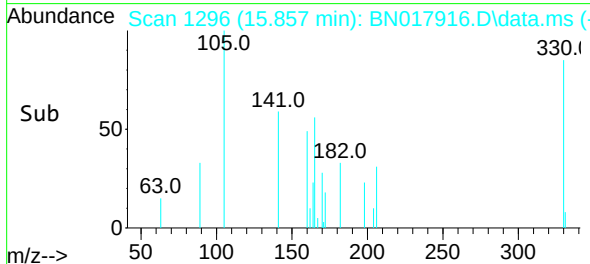
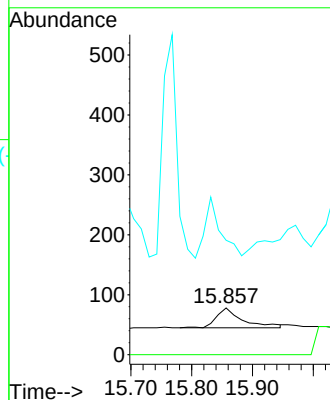
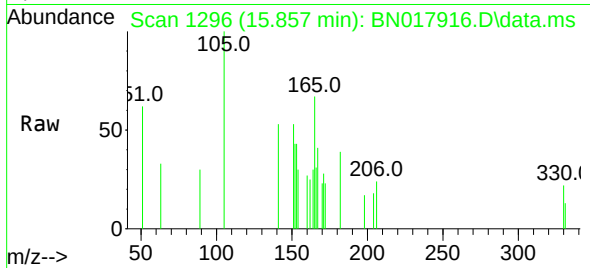
#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.857 min Scan# 1098
Delta R.T. 0.013 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

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RW4-20211206

Tgt Ion:330 Resp: 98
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 19.7 29.5

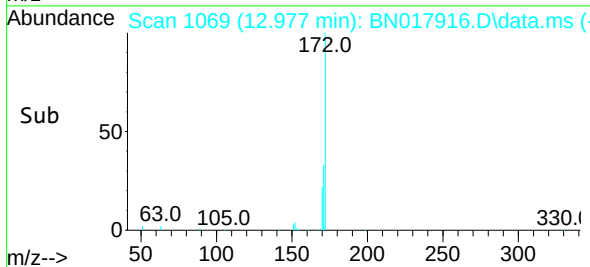
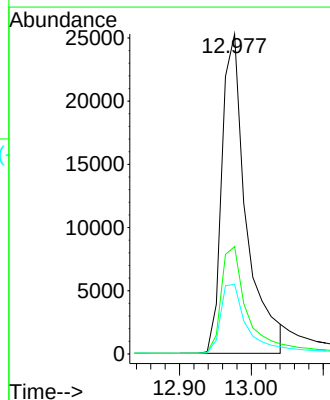
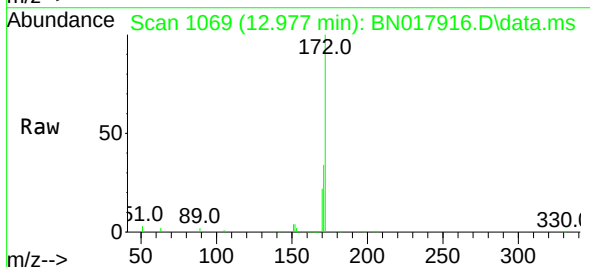
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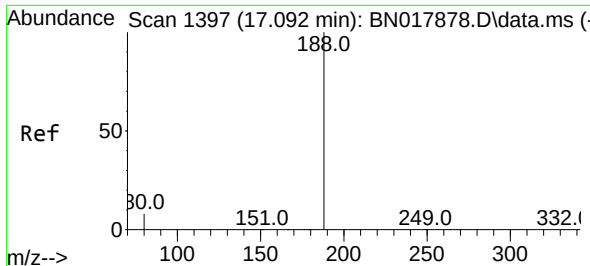
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

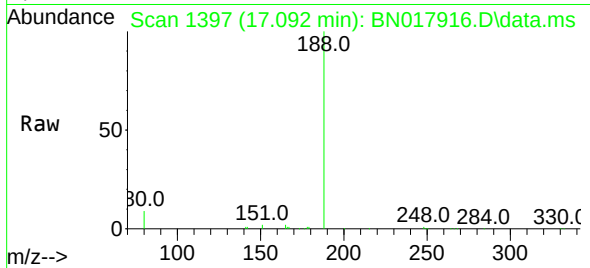
Tgt Ion:172 Resp: 59773
Ion Ratio Lower Upper
172 100
171 33.5 28.3 42.5
170 21.7 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

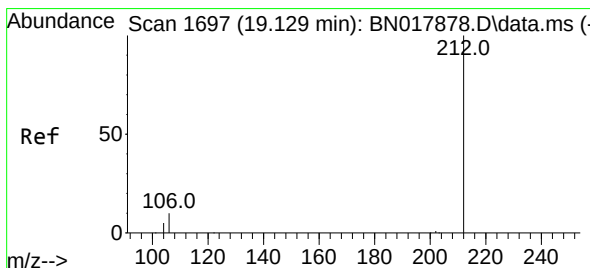
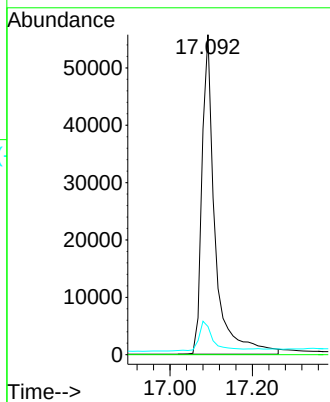
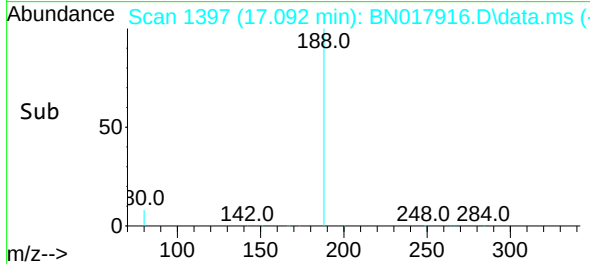
Instrument :
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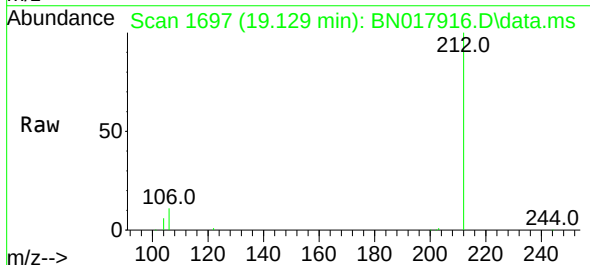
Tgt Ion:188 Resp: 122825
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.2 9.2

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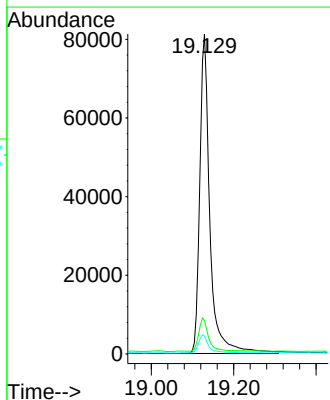
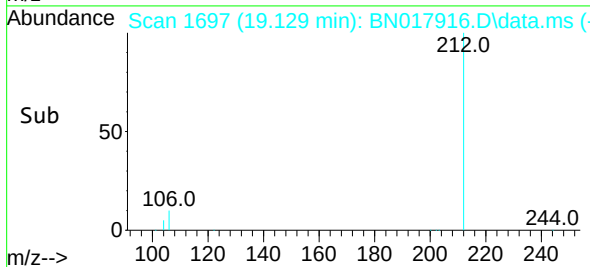
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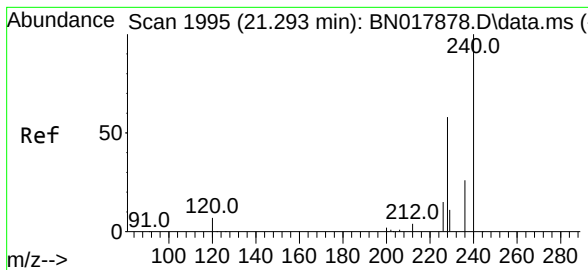


#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38



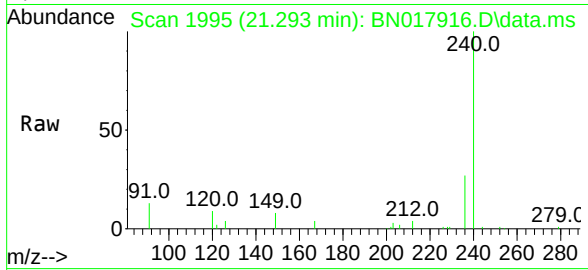
Tgt Ion:212 Resp: 138373
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.9 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38

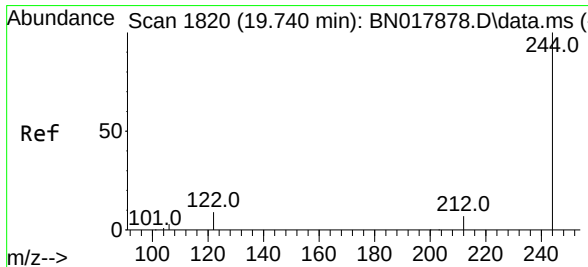
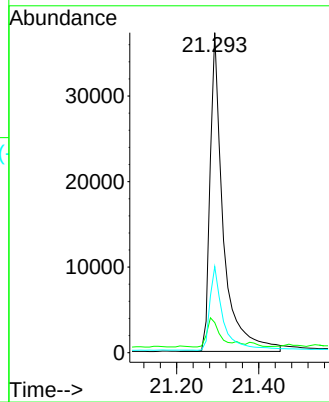
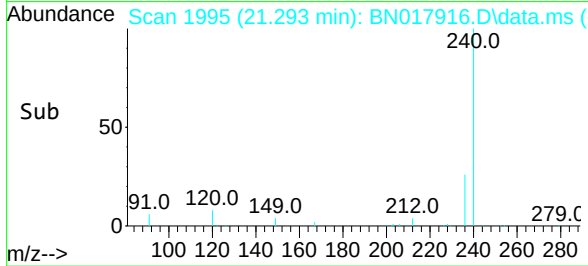
Instrument :
BNA_N
ClientSampleId :
RW4-20211206



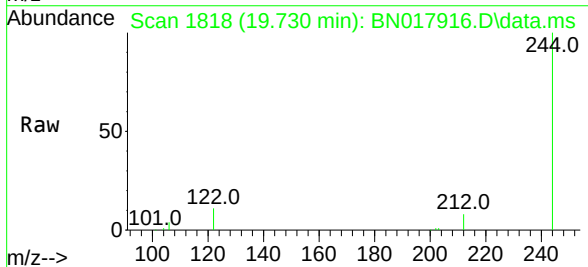
Tgt Ion:240 Resp: 83000
Ion Ratio Lower Upper
240 100
120 9.4 5.8 8.8
236 26.9 21.0 31.6

Manual Integrations
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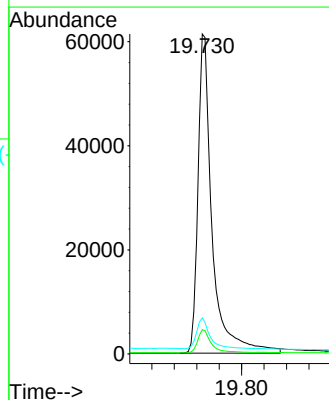
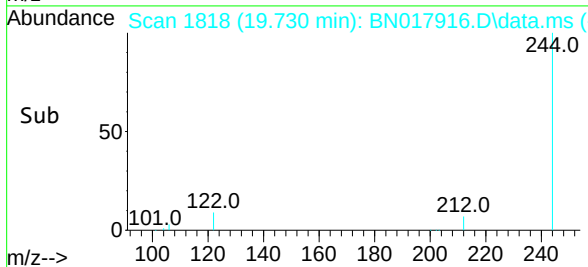
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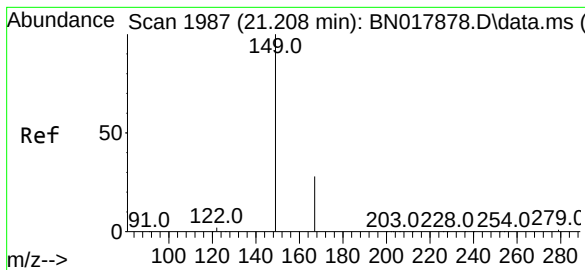


#31
Terphenyl-d14
Concen: 0.525 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017916.D
Acq: 11 Dec 2021 22:38



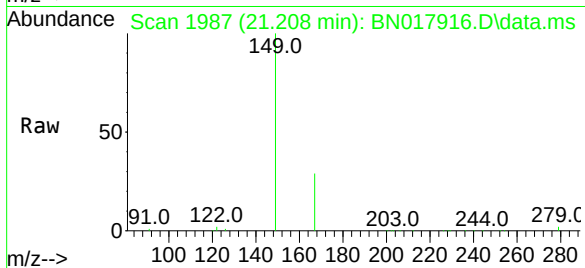
Tgt Ion:244 Resp: 107441
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.2 7.5 11.3





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.576 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38

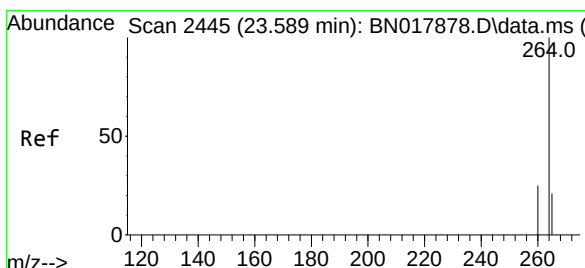
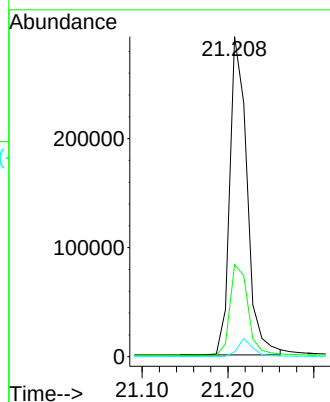
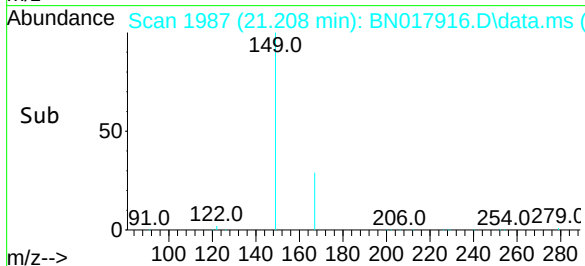
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20211206



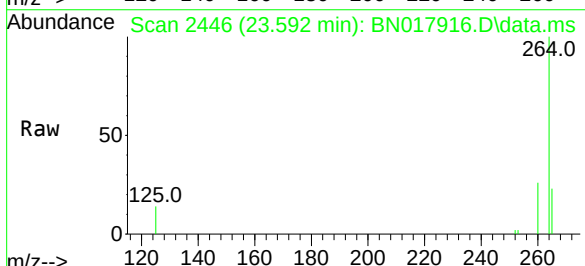
Tgt Ion:149 Resp: 40776
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.4 35.0
 279 4.9 3.6 5.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017916.D
 Acq: 11 Dec 2021 22:38



Tgt Ion:264 Resp: 55132
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.4
 265 23.2 18.2 27.4

