

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017923.D
 Acq On : 12 Dec 2021 02:53
 Operator : CG/JU
 Sample : M4956-23
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20211206

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 00:02:24 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	19733	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	75695	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	48204	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	96151	0.400	ng	0.00
29) Chrysene-d12	21.293	240	69318	0.400	ng	0.00
35) Perylene-d12	23.592	264	45841	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6756	0.166	ng	0.00
5) Phenol-d6	6.903	99	3243	0.080	ng	0.00
8) Nitrobenzene-d5	8.859	82	18280	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	47778	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	3304	0.458	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	68825	0.406	ng	0.01
27) Fluoranthene-d10	19.129	212	141235	0.453	ng	0.00
31) Terphenyl-d14	19.735	244	110949	0.649	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	1072m	0.179	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.208	149	11148	0.150	ng	99

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

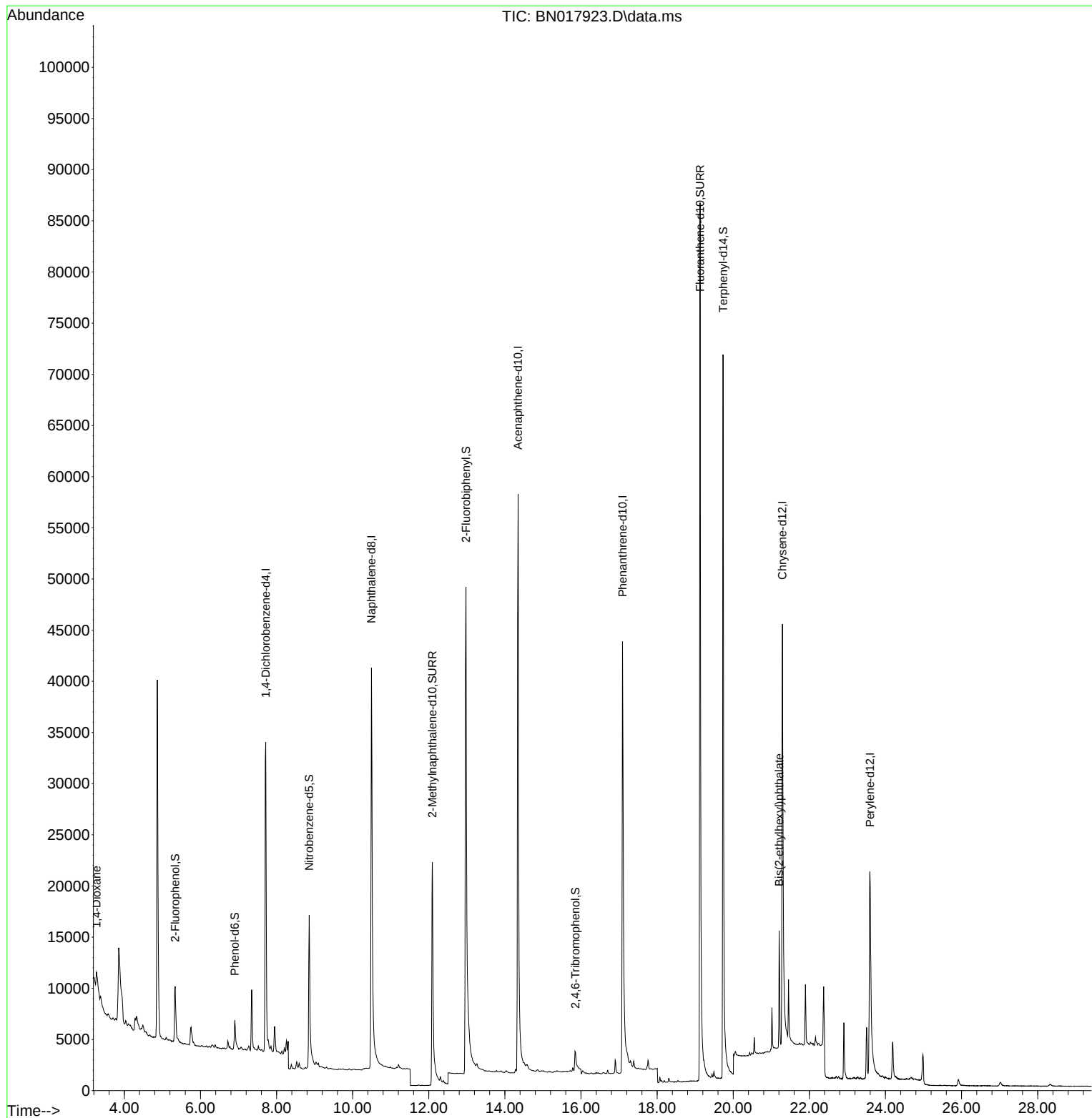
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017923.D
Acq On : 12 Dec 2021 02:53
Operator : CG/JU
Sample : M4956-23
Misc :
ALS Vial : 47 Sample Multiplier: 1

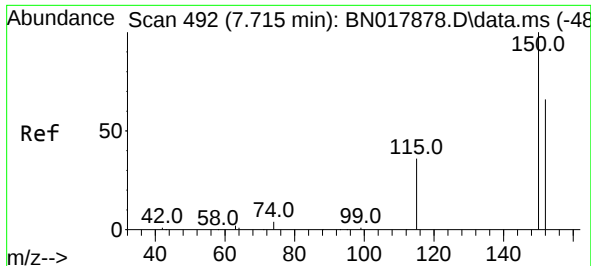
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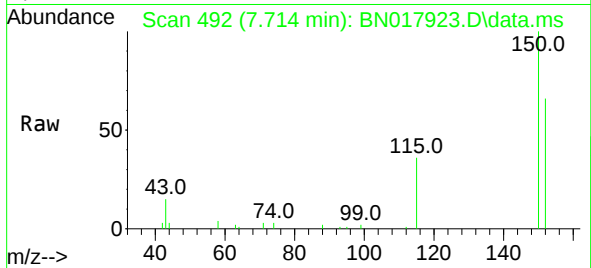
Quant Time: Dec 13 00:02:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

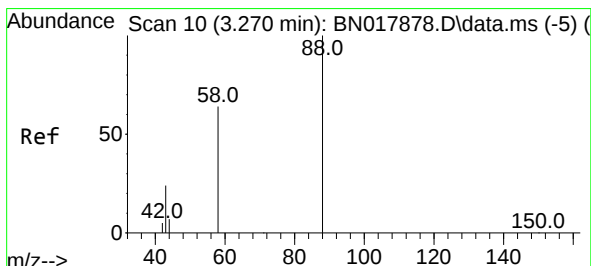
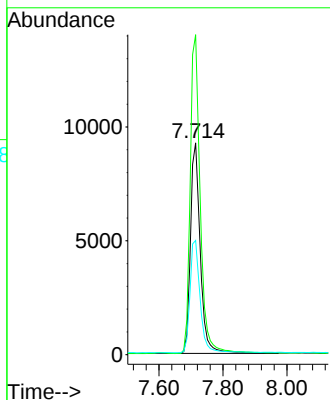
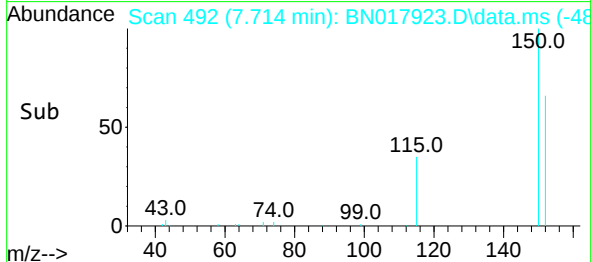
Instrument :
BNA_N
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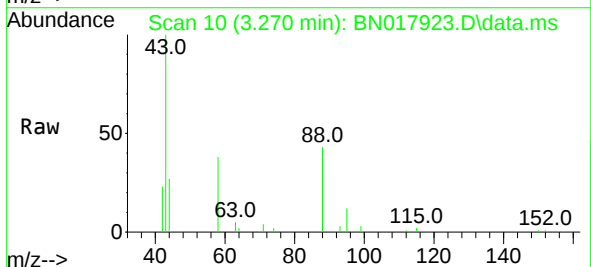
Tgt Ion:152 Resp: 1973
Ion Ratio Lower Upper
152 100
150 151.0 121.9 182.9
115 53.9 44.1 66.1

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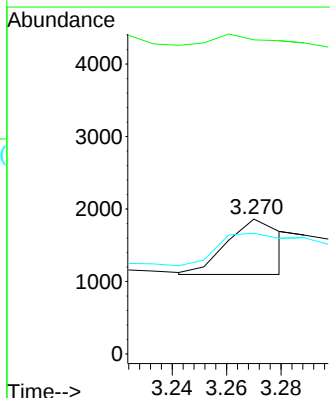
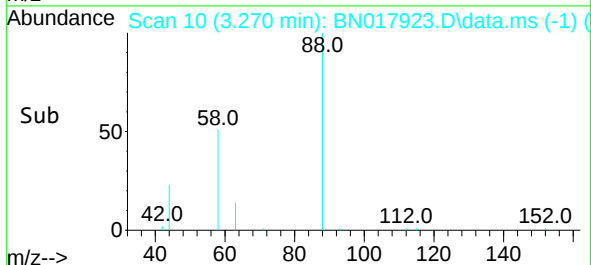
Reviewed By :Christian Giraldo 12/13/2021
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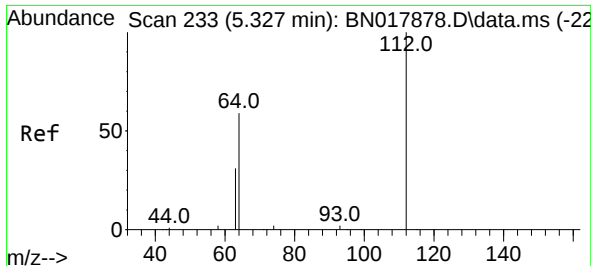


#2
1,4-Dioxane
Concen: 0.179 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53



Tgt Ion: 88 Resp: 1072
Ion Ratio Lower Upper
88 100
43 25.0 28.0 42.0#
58 104.0 65.4 98.0#





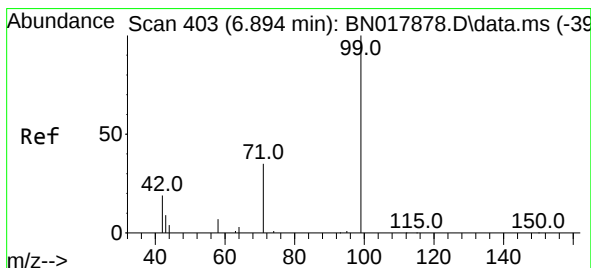
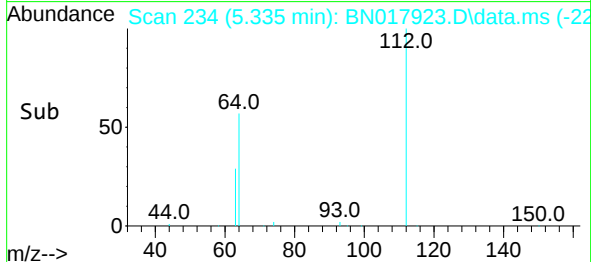
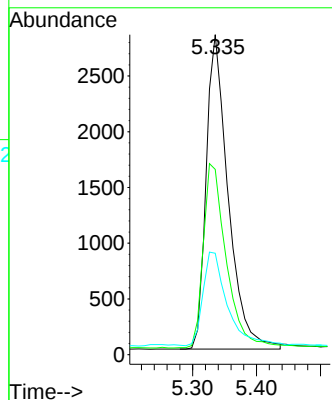
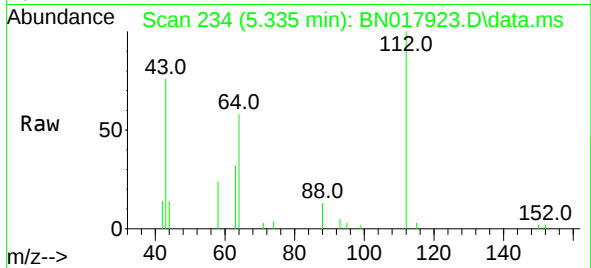
#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Instrument :
BNA_N
ClientSampleId :
MW178I-20211206

Tgt Ion: 112 Resp: 6750
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.4
63 32.8 26.2 39.2

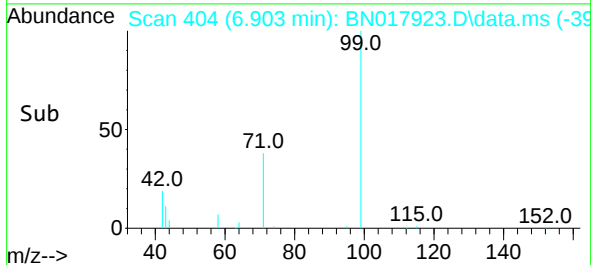
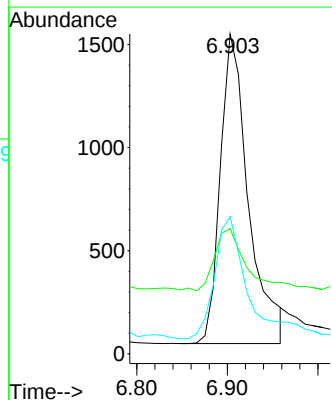
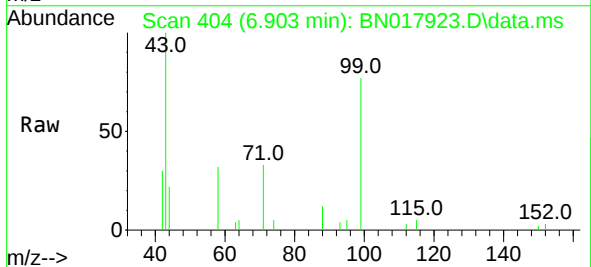
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#5
Phenol-d6
Concen: 0.080 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

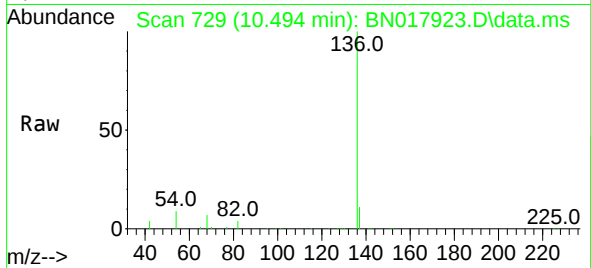
Tgt Ion: 99 Resp: 3243
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 43.4 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

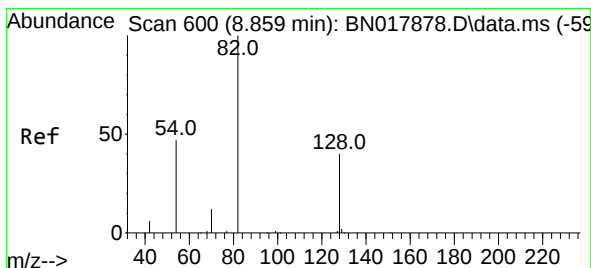
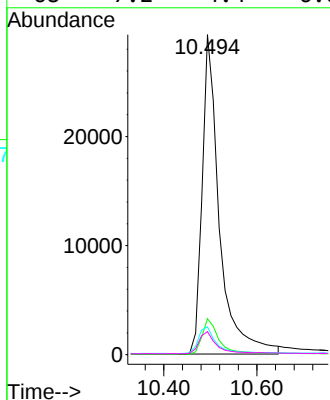
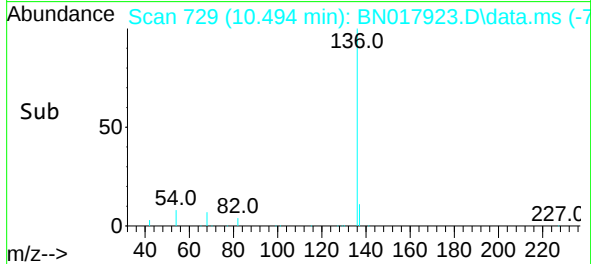
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:136 Resp: 7569
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 5.1 7.7
68 7.2 4.4 6.6#

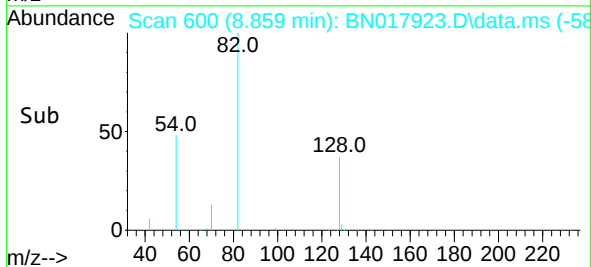
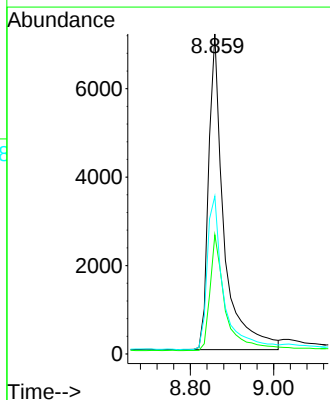
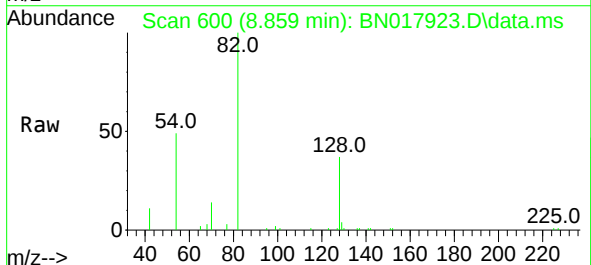
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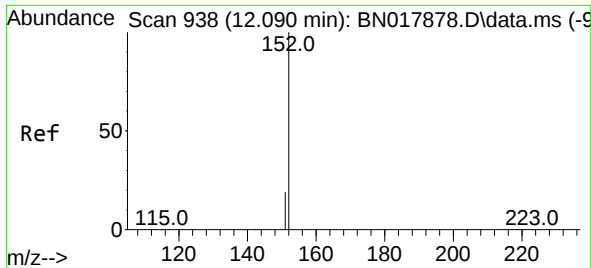
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#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

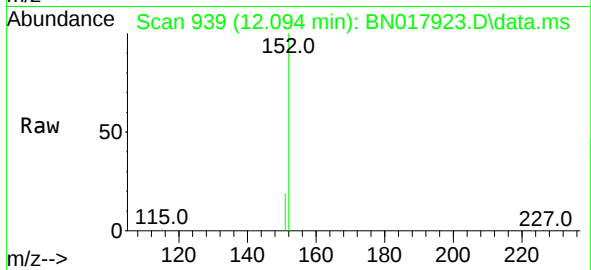
Tgt Ion: 82 Resp: 18280
Ion Ratio Lower Upper
82 100
128 37.2 32.2 48.4
54 49.3 37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.094 min Scan# 91
Delta R.T. 0.004 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

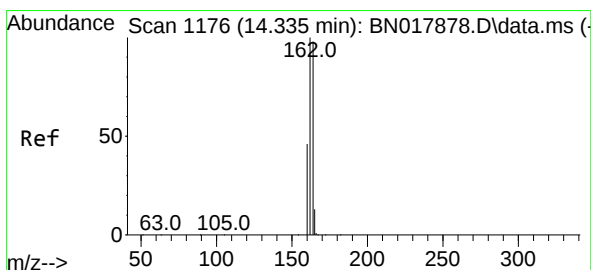
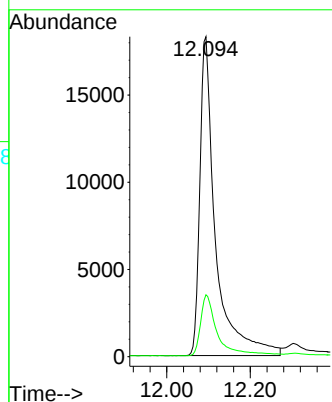
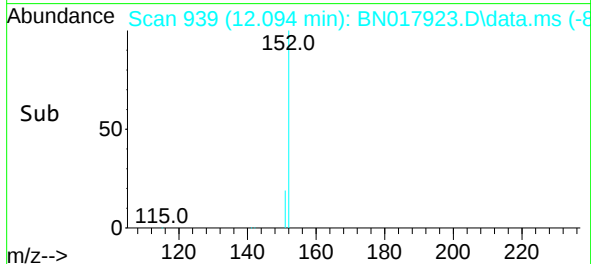
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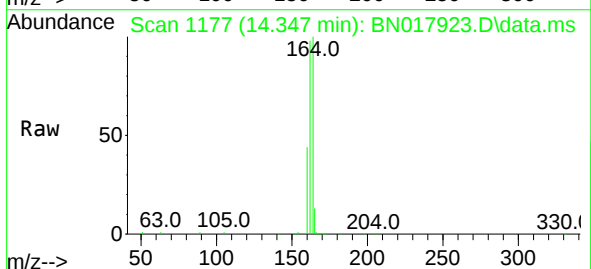
Tgt Ion:152 Resp: 47778
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

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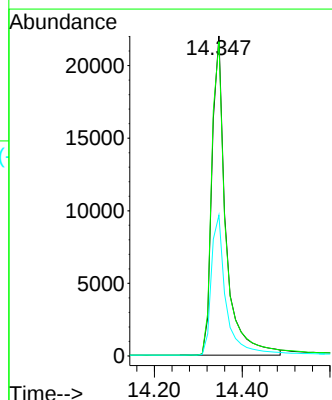
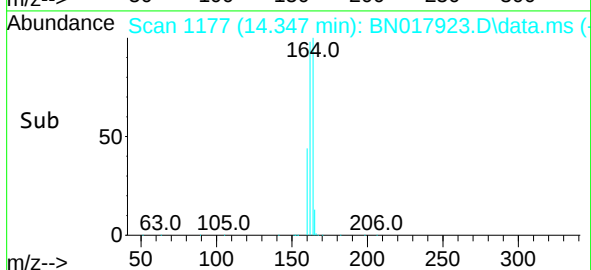
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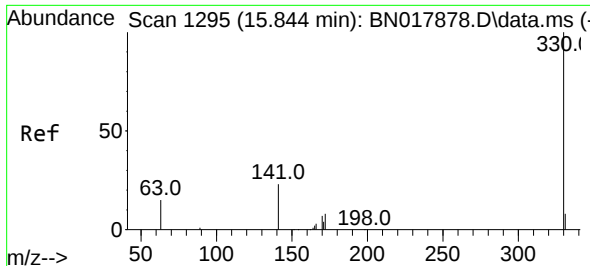


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53



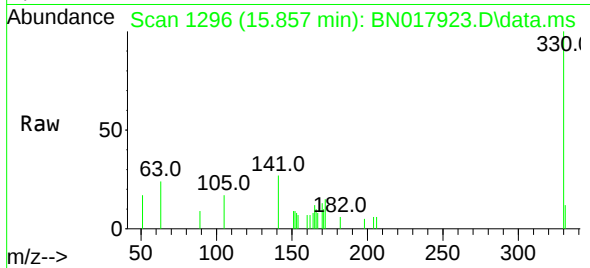
Tgt Ion:164 Resp: 48204
Ion Ratio Lower Upper
164 100
162 98.2 82.1 123.1
160 44.0 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.857 min Scan# 1069
Delta R.T. 0.013 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

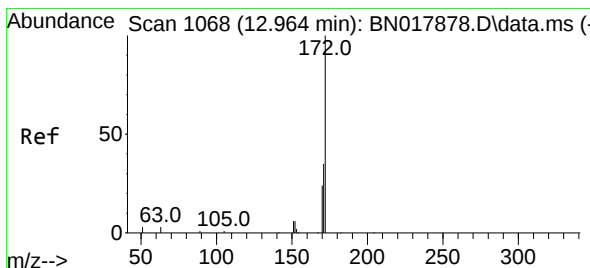
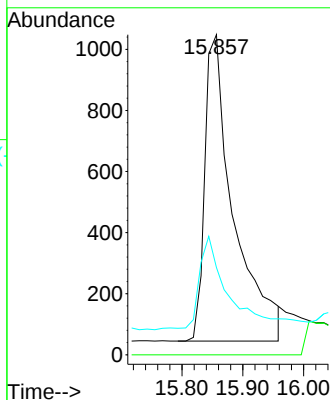
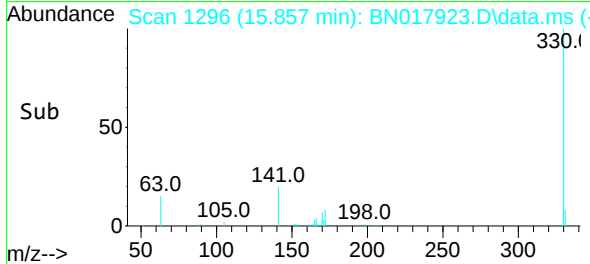
Instrument :
BNA_N
ClientSampleId :
MW178I-20211206



Tgt Ion: 330 Resp: 330
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.8 19.7 29.5

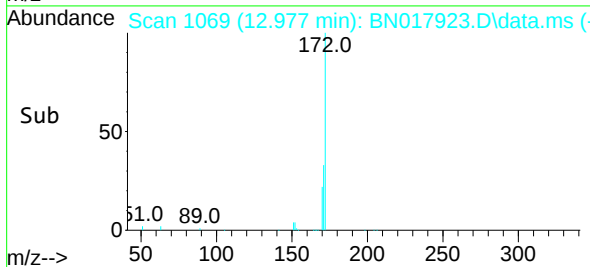
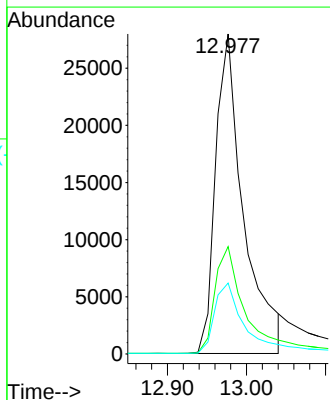
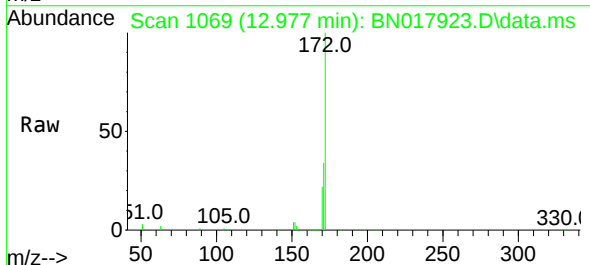
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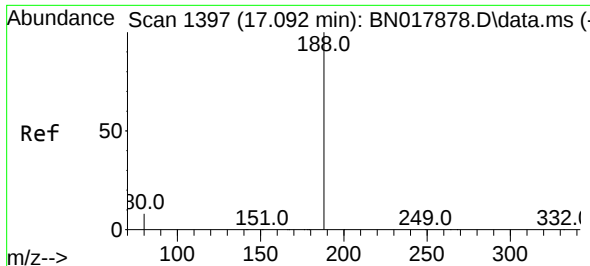
Reviewed By : Christian Giraldo 12/13/2021
Supervised By : Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Tgt Ion: 172 Resp: 68825
Ion Ratio Lower Upper
172 100
171 33.5 28.3 42.5
170 22.1 19.1 28.7





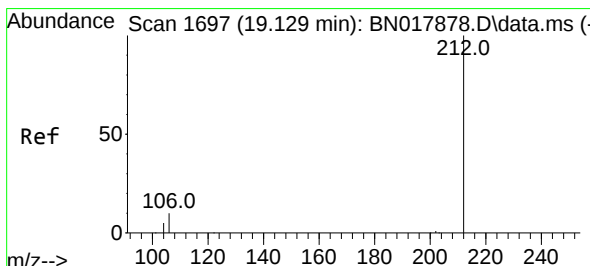
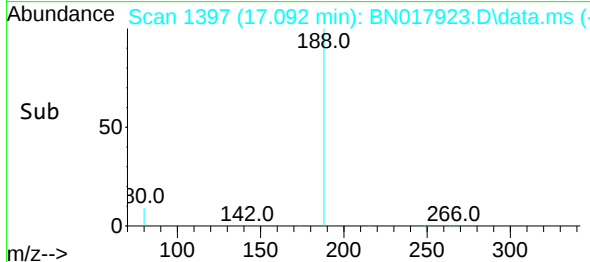
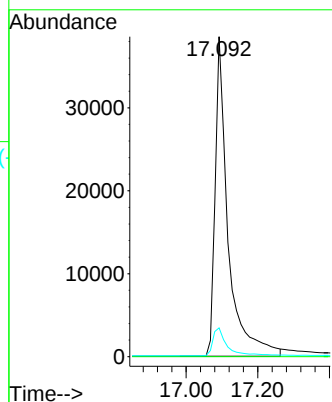
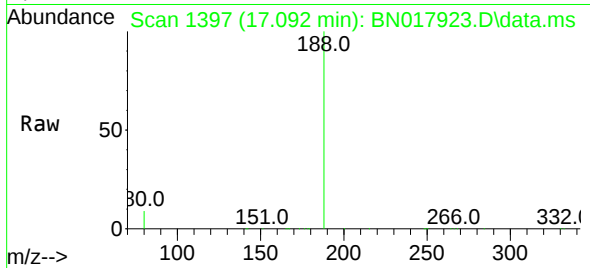
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

Instrument :
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Tgt Ion:188 Resp: 9615
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.2 9.2

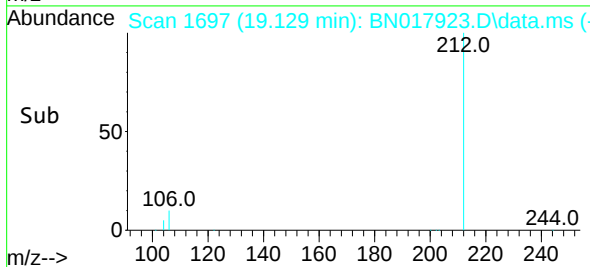
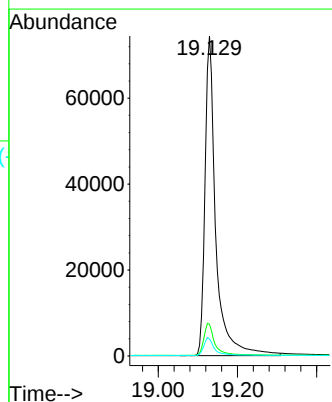
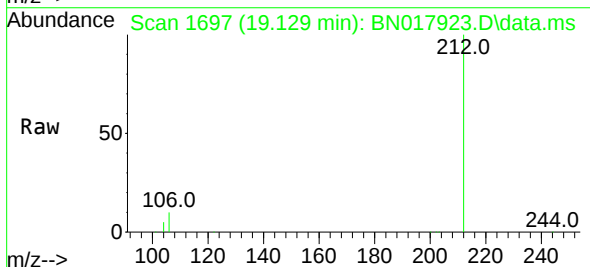
Manual Integrations
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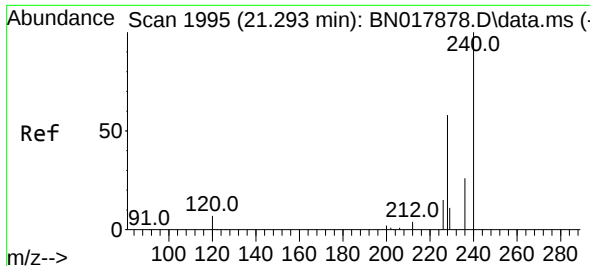
Reviewed By :Christian Giraldo 12/13/2021
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#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

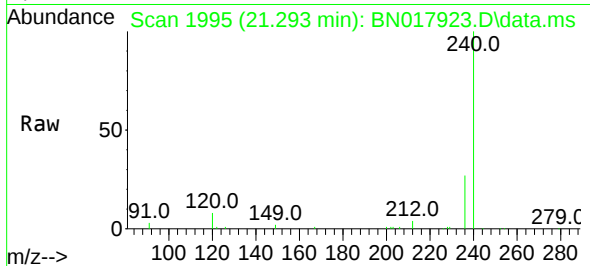
Tgt Ion:212 Resp: 141235
Ion Ratio Lower Upper
212 100
106 10.4 8.3 12.5
104 5.5 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

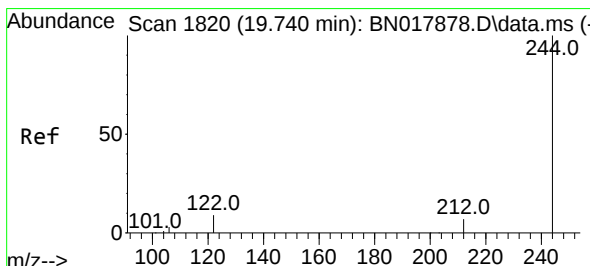
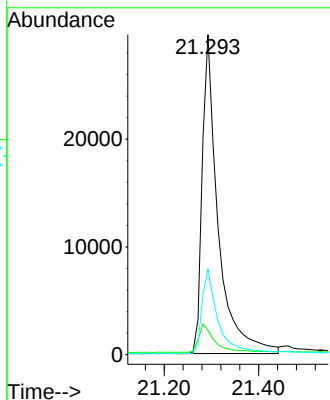
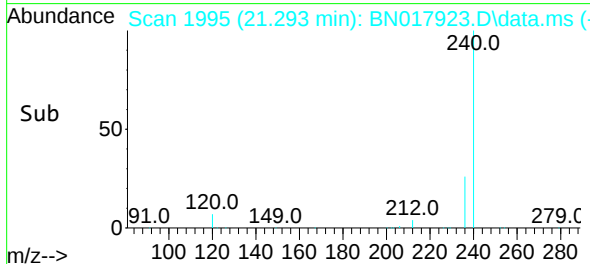
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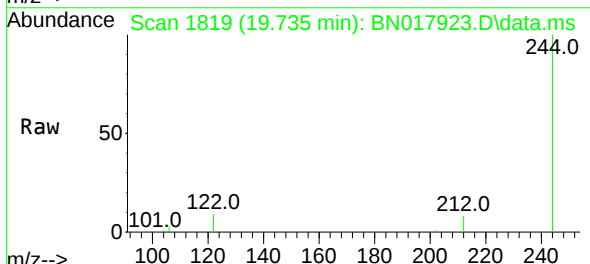
Tgt Ion:240 Resp: 69318
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 26.5 21.0 31.6

Manual Integrations
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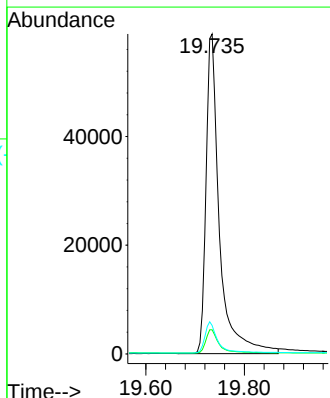
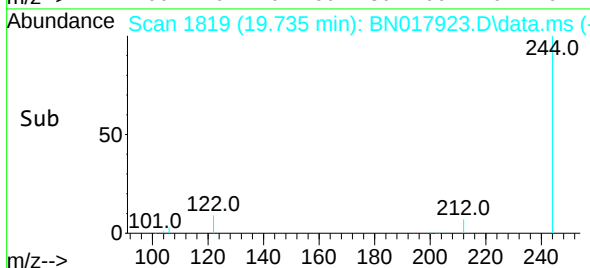
Reviewed By :Christian Giraldo 12/13/2021
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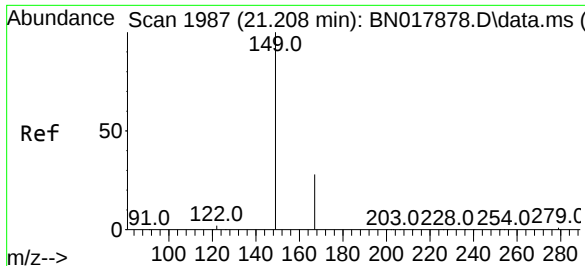


#31
Terphenyl-d14
Concen: 0.649 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53



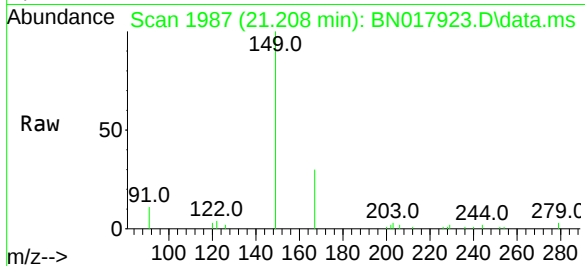
Tgt Ion:244 Resp: 110949
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 8.9 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017923.D
Acq: 12 Dec 2021 02:53

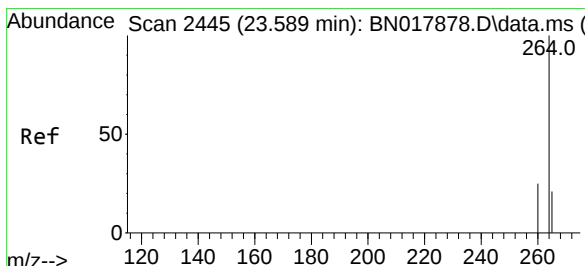
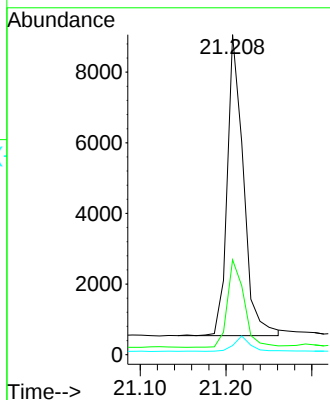
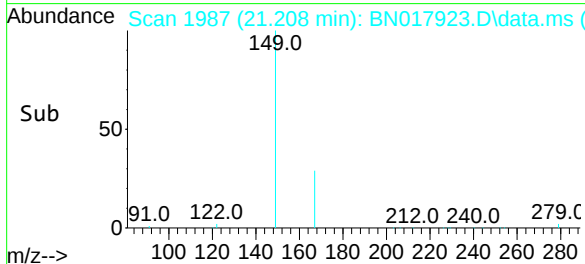
Instrument :
BNA_N
ClientSampleId :
MW178I-20211206



Tgt Ion:149 Resp: 11148
Ion Ratio Lower Upper
149 100
167 30.0 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: BN017923.D
Acq: 12 Dec 2021 02:53

Tgt Ion:264 Resp: 45841
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 23.9 18.2 27.4

