

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017917.D
 Acq On : 11 Dec 2021 23:15
 Operator : CG/JU
 Sample : M4957-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206

Quant Time: Dec 12 02:51:53 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

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Yogesh Patel 12/16/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23095	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	96014	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	63535	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	131348	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	89603	0.400	ng	0.00
35) Perylene-d12	23.589	264	64685	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6060	0.127	ng	0.00
5) Phenol-d6	6.903	99	3187	0.067	ng	0.00
8) Nitrobenzene-d5	8.859	82	18110	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	47735	0.283	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4910	0.474	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	71858	0.321	ng	0.00
27) Fluoranthene-d10	19.124	212	154023	0.362	ng	0.00
31) Terphenyl-d14	19.730	244	124317	0.563	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	50995m	7.276	ng	Qvalue
25) Phenanthrene	17.129	178	12627	0.038	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.208	149	478332	4.973	ng	98

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

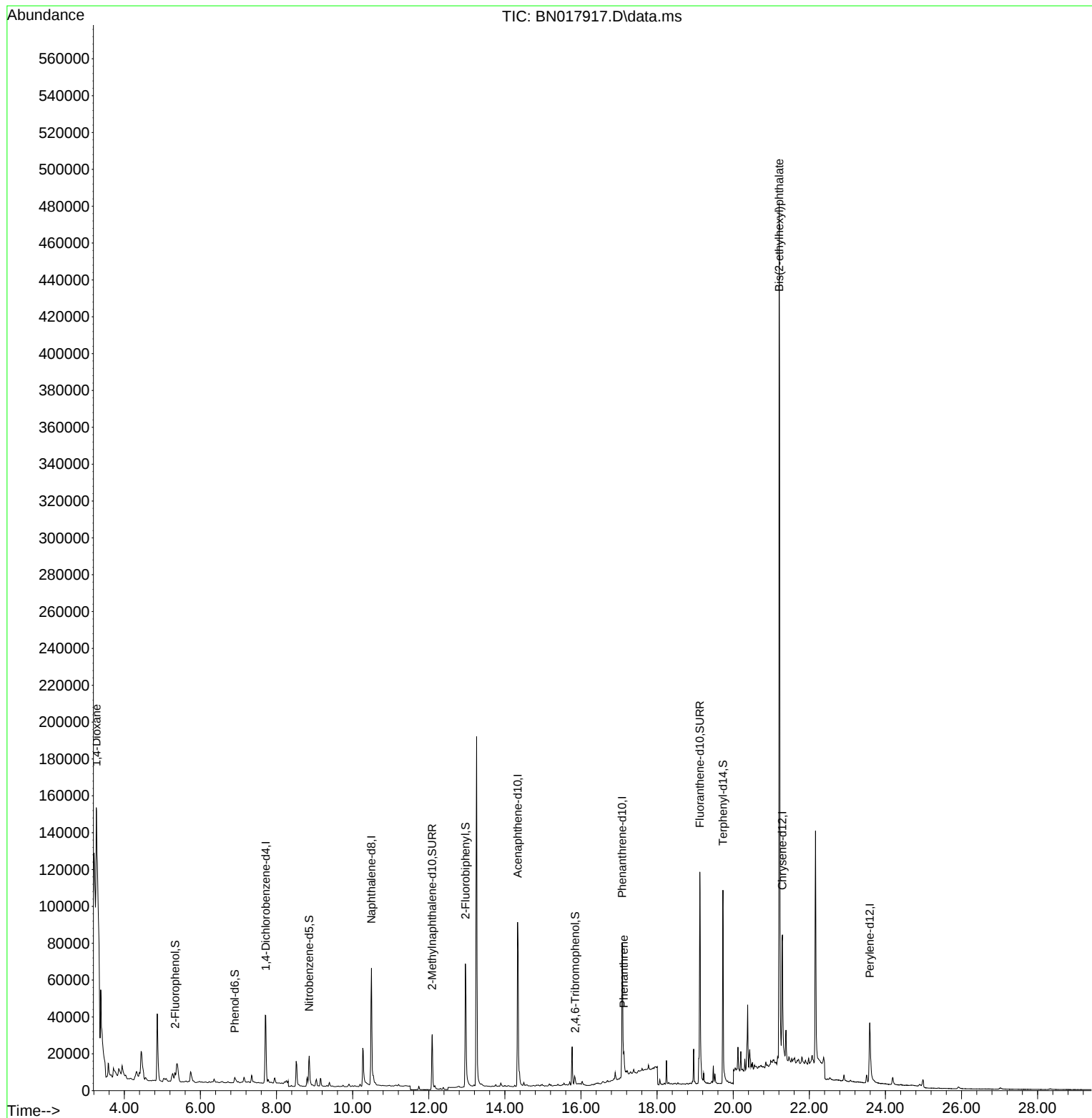
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017917.D
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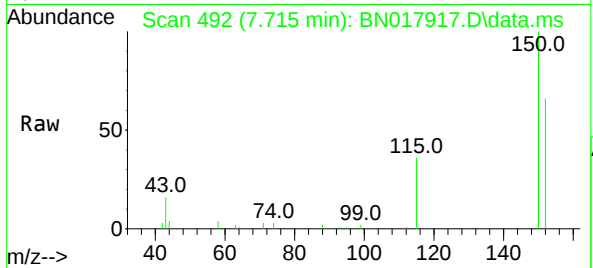
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

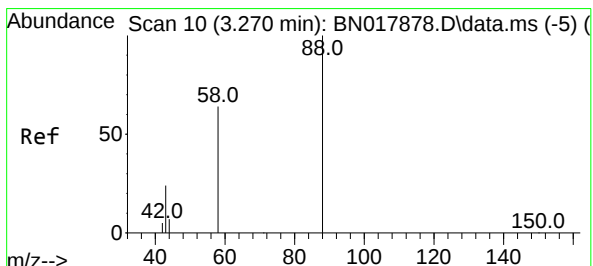
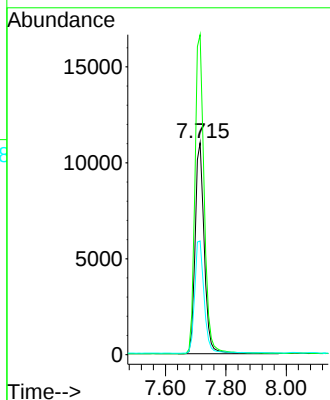
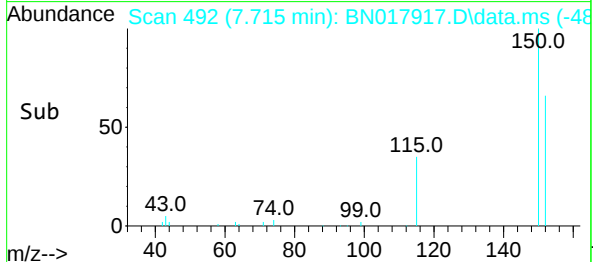
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206



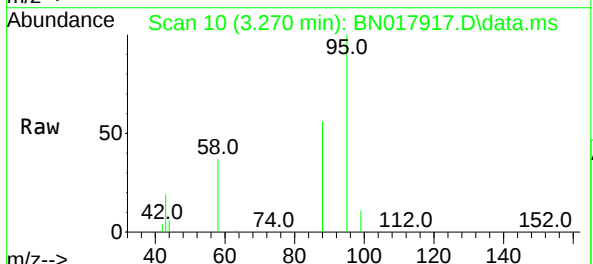
Tgt Ion:152 Resp: 23095
Ion Ratio Lower Upper
152 100
150 150.9 121.9 182.9
115 53.7 44.1 66.1

Manual Integrations
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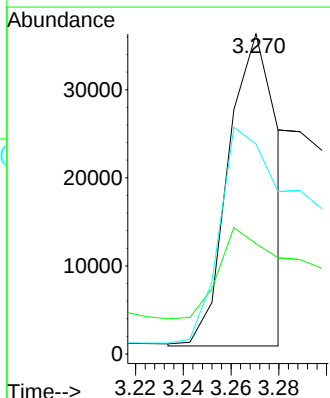
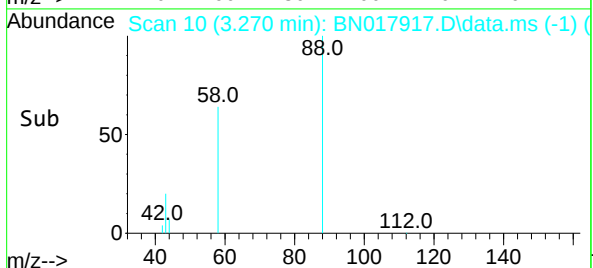
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021

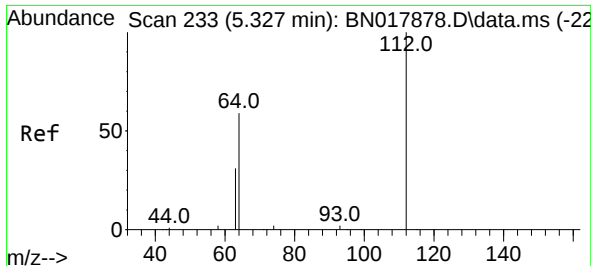


#2
1,4-Dioxane
Concen: 7.276 ng m
RT: 3.270 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15



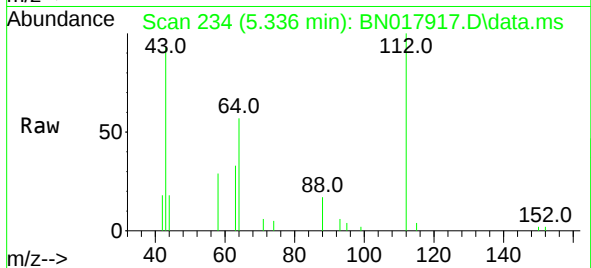
Tgt Ion: 88 Resp: 50995
Ion Ratio Lower Upper
88 100
43 45.3 28.0 42.0#
58 113.2 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

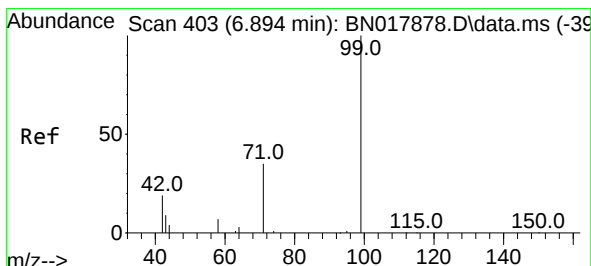
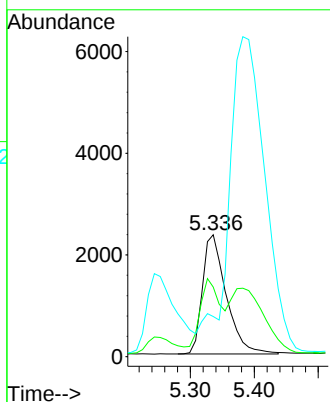
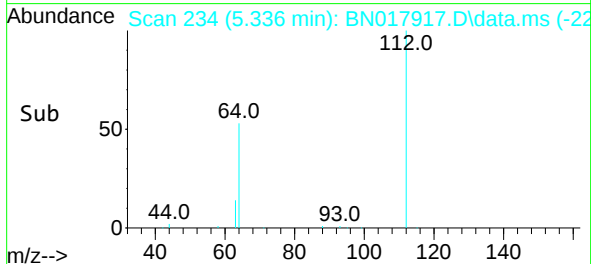
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206



Tgt Ion: 112 Resp: 6060
Ion Ratio Lower Upper
112 100
64 47.8 49.0 73.4
63 0.0 26.2 39.2

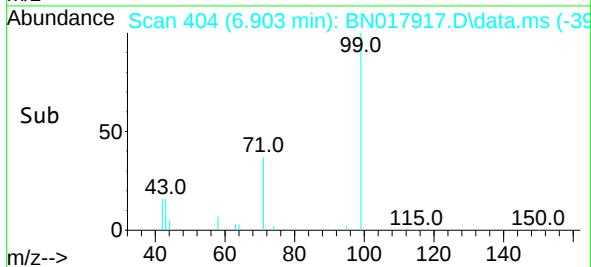
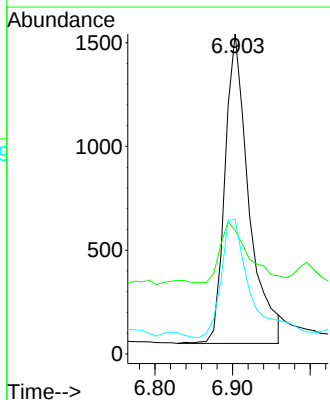
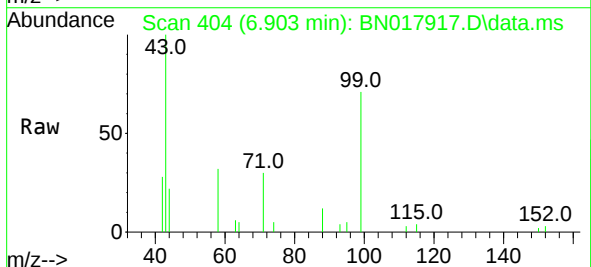
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Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

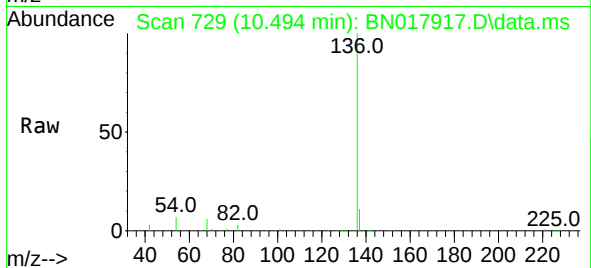
Tgt Ion: 99 Resp: 3187
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.4
71 43.8 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

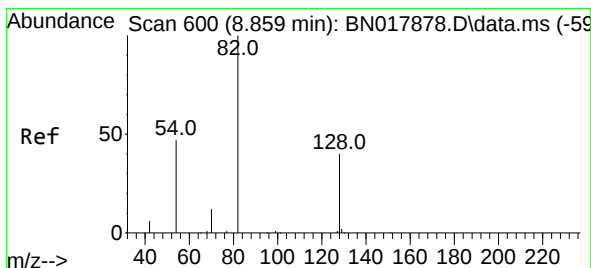
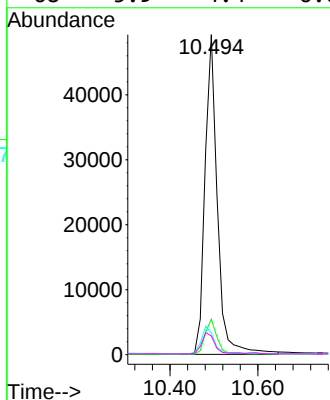
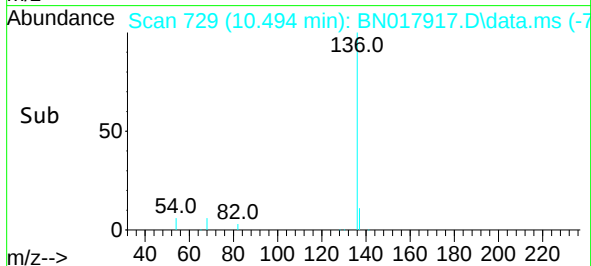
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206



Tgt Ion:136 Resp: 96014
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.1 7.7
68 5.9 4.4 6.6

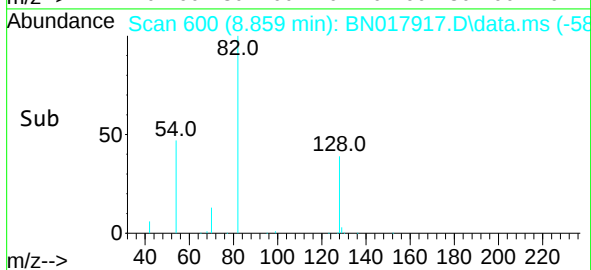
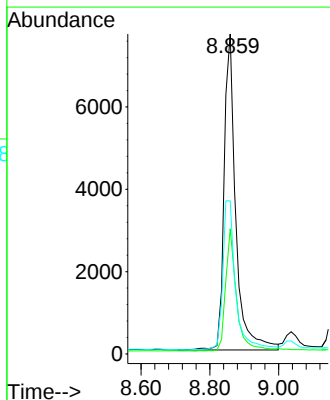
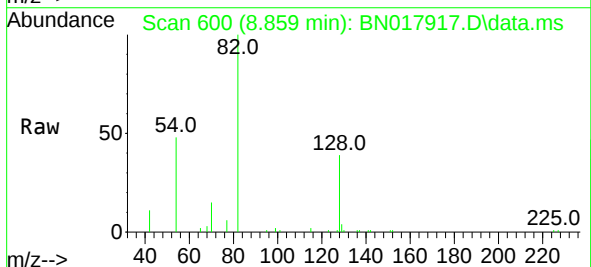
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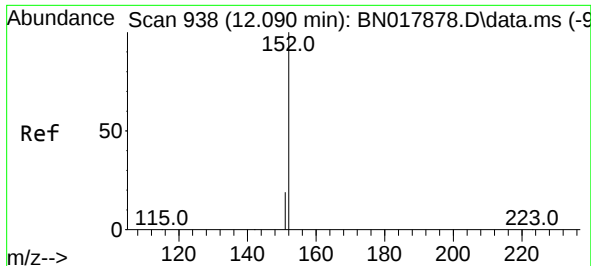
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

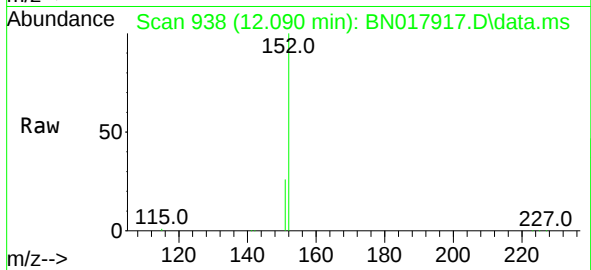
Tgt Ion: 82 Resp: 18110
Ion Ratio Lower Upper
82 100
128 39.2 32.2 48.4
54 47.8 37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.090 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

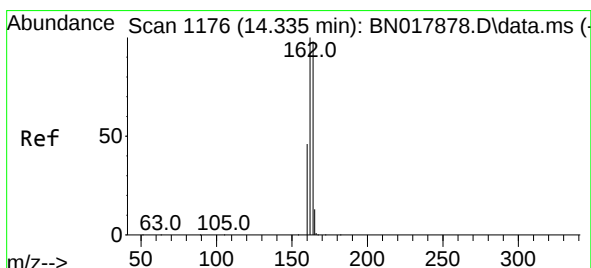
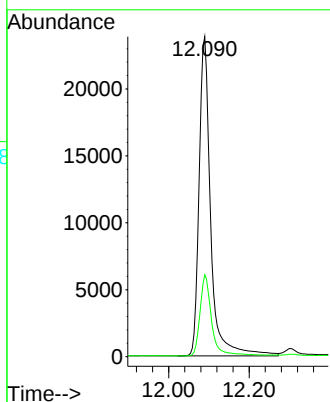
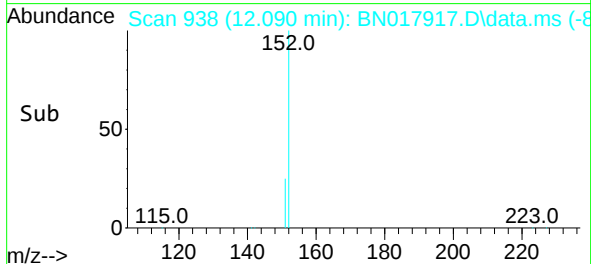
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ClientSampleId :
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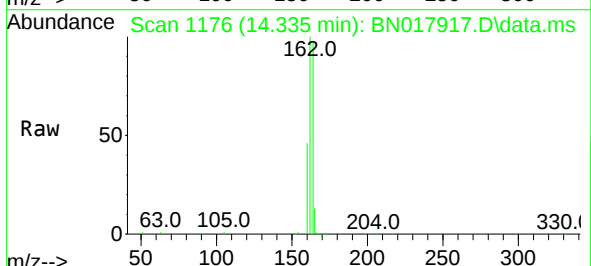
Tgt Ion:152 Resp: 47735
Ion Ratio Lower Upper
152 100
151 25.4 16.4 24.6

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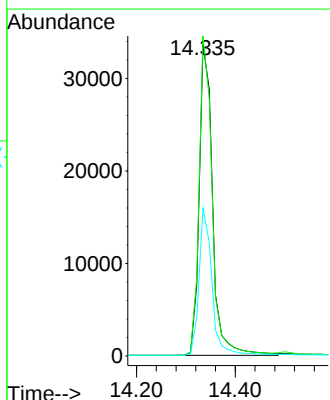
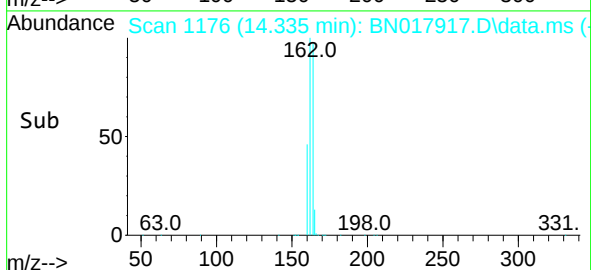
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021

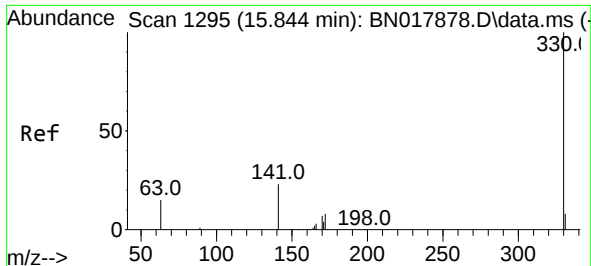


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15



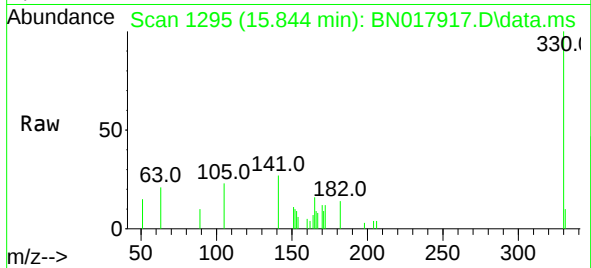
Tgt Ion:164 Resp: 63535
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 47.4 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.474 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

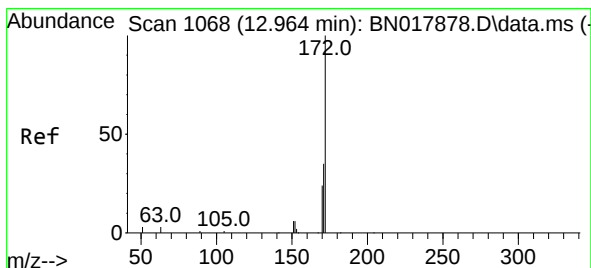
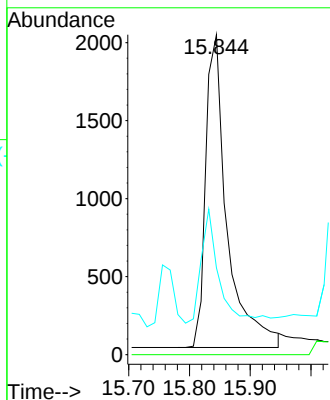
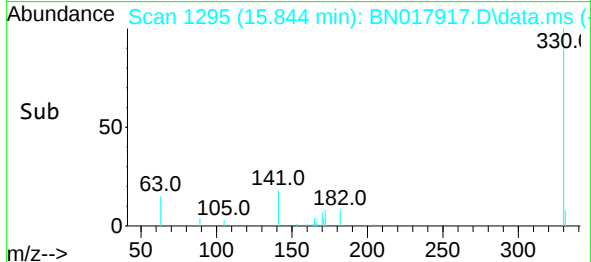
Instrument :
BNA_N
ClientSampleId :
RE125D1-20211206



Tgt Ion:330 Resp: 4910
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.6 19.7 29.5

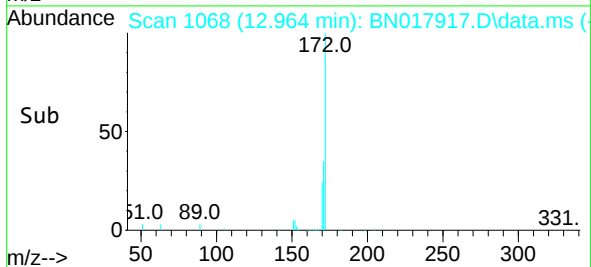
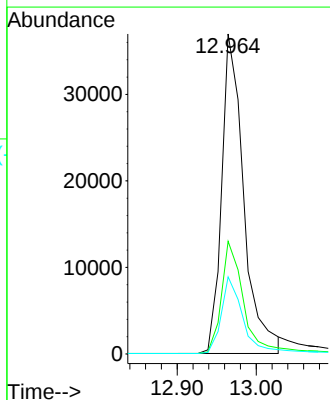
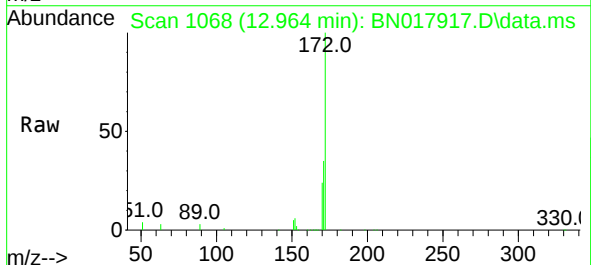
Manual Integrations
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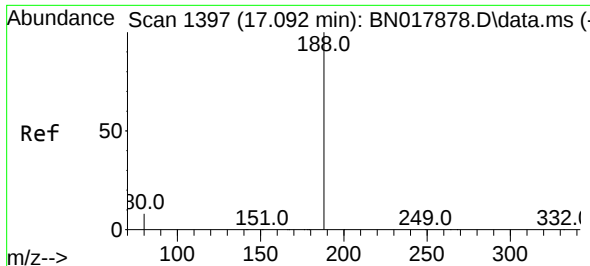
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

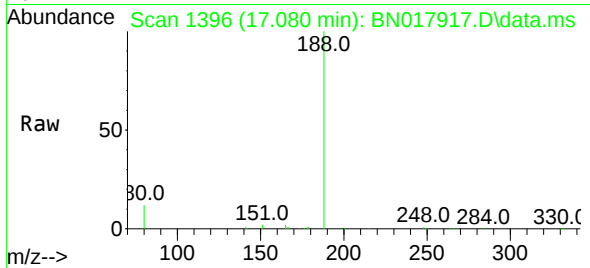
Tgt Ion:172 Resp: 71858
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.1 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

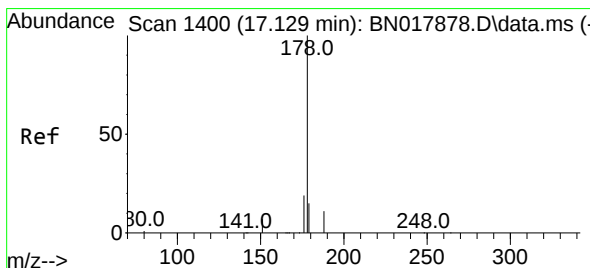
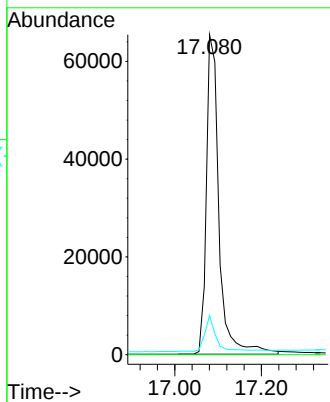
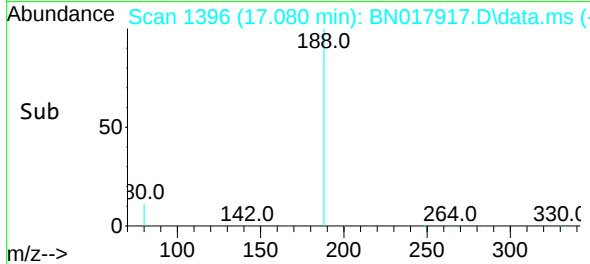
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Tgt Ion:188 Resp: 13134
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 6.2 9.2

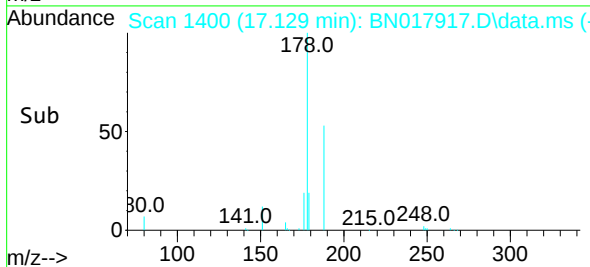
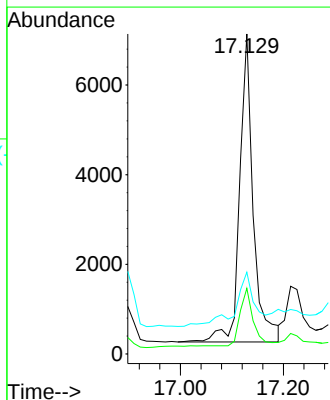
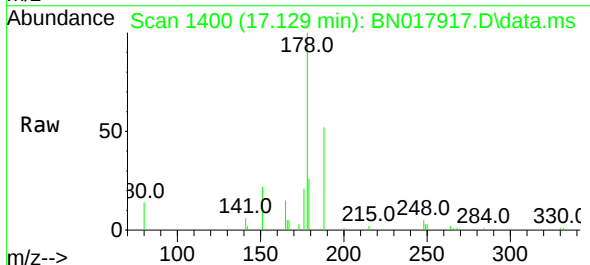
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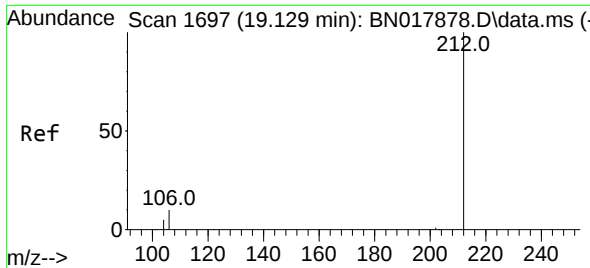
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#25
Phenanthrene
Concen: 0.038 ng
RT: 17.129 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

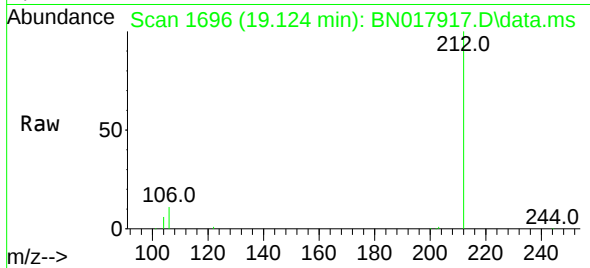
Tgt Ion:178 Resp: 12627
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 24.7 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.124 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

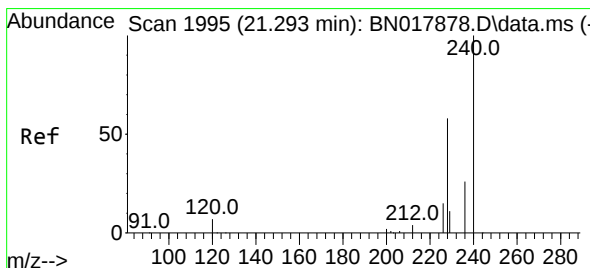
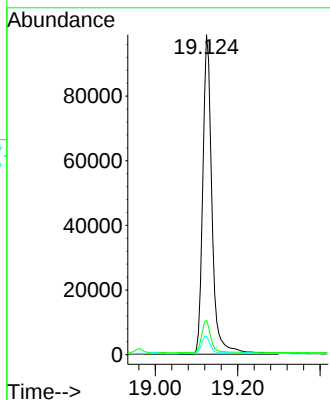
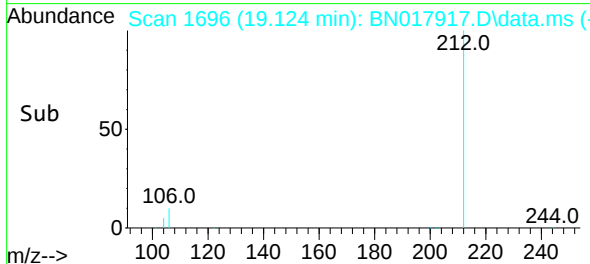
Instrument :
BNA_N
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RE125D1-20211206



Tgt Ion:212 Resp: 15402
Ion Ratio Lower Upper
212 100
106 9.8 8.3 12.5
104 5.3 4.6 6.8

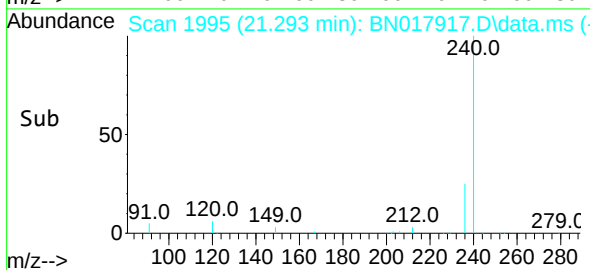
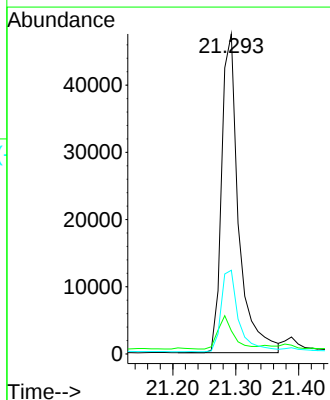
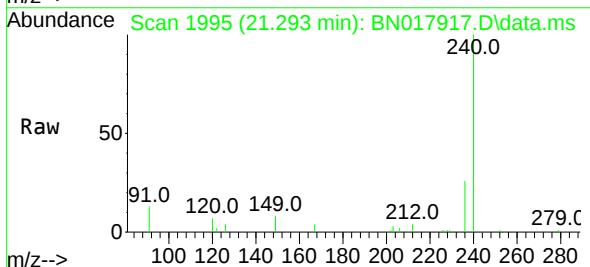
Manual Integrations
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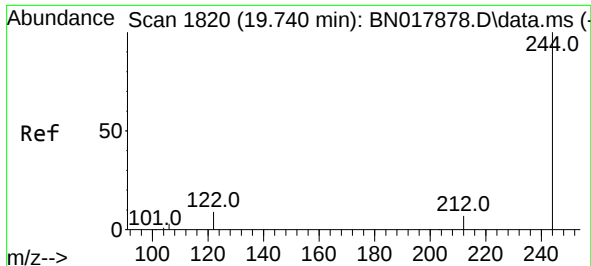
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017917.D
Acq: 11 Dec 2021 23:15

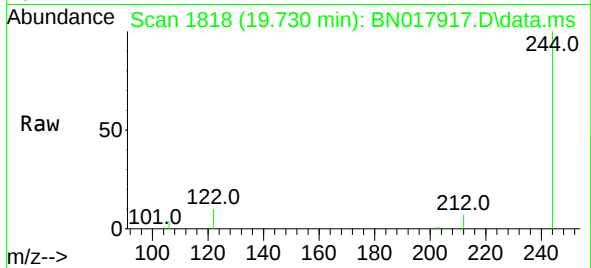
Tgt Ion:240 Resp: 89603
Ion Ratio Lower Upper
240 100
120 7.3 5.8 8.8
236 26.1 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.563 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

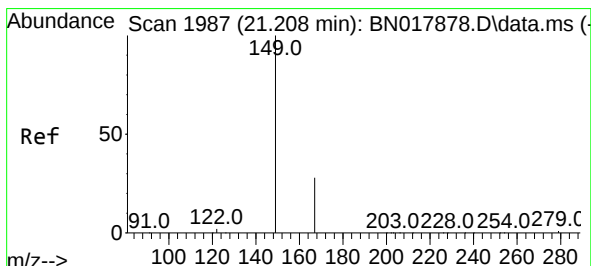
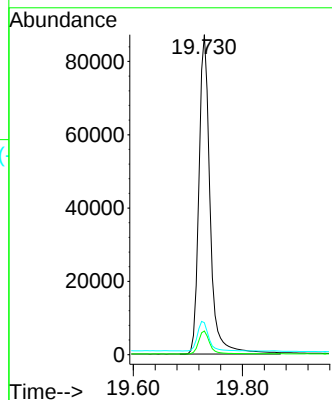
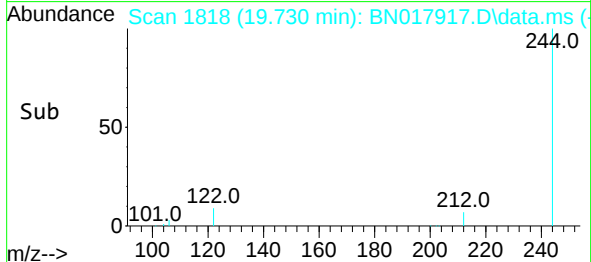
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206



Tgt Ion:244 Resp: 124317
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.0 7.5 11.3

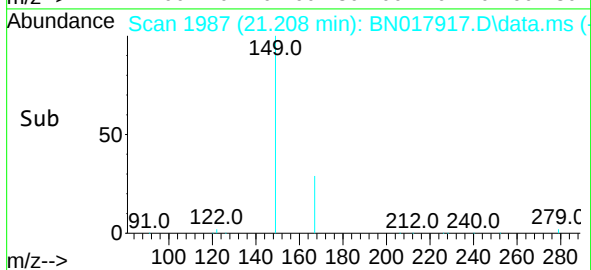
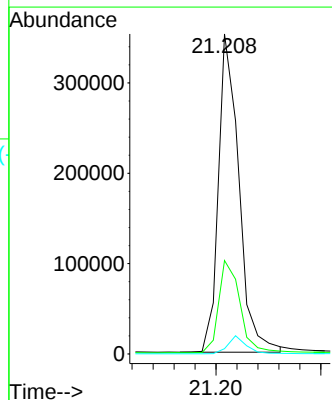
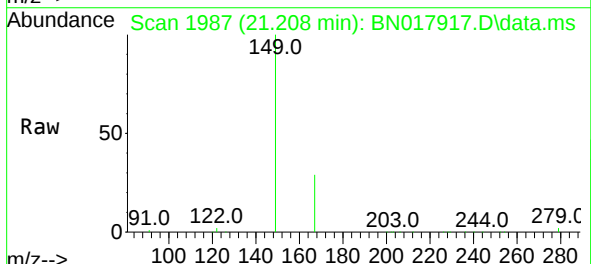
Manual Integrations
 APPROVED

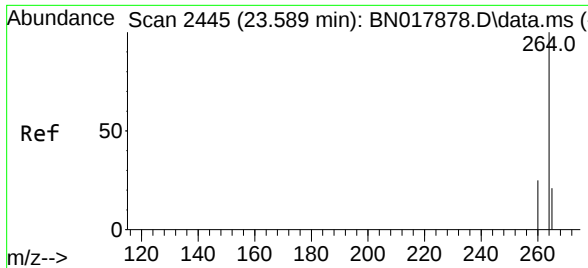
Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Yogesh Patel 12/16/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.973 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. 0.000 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

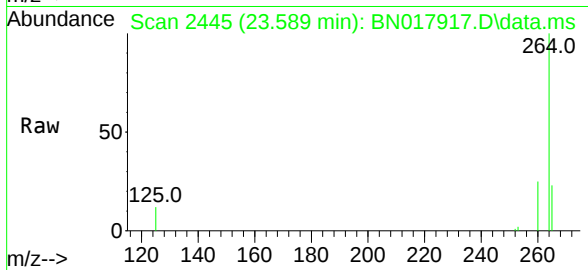
Tgt Ion:149 Resp: 478332
 Ion Ratio Lower Upper
 149 100
 167 30.1 23.4 35.0
 279 5.0 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN017917.D
 Acq: 11 Dec 2021 23:15

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20211206



Tgt Ion:264 Resp: 64689
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.4
 265 22.6 18.2 27.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Yogesh Patel 12/16/2021

