

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017857.D
 Acq On : 10 Dec 2021 06:31
 Operator : CG/JU
 Sample : M4923-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20211201

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 11 00:57:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19779	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	79154	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	55285	0.400	ng	-0.01
19) Phenanthrene-d10	17.080	188	111347	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	88587	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	60134	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4650	0.097	ng	0.00
5) Phenol-d6	6.903	99	2522	0.056	ng	0.00
8) Nitrobenzene-d5	8.859	82	13551	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	36377	0.230	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3884	0.134	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	58233	0.288	ng	0.00
27) Fluoranthene-d10	19.124	212	132599	0.356	ng	0.00
31) Terphenyl-d14	19.730	244	118969	0.625	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	1037m	0.142	ng	
25) Phenanthrene	17.129	178	15424m	0.053	ng	
28) Fluoranthene	19.154	202	9758	0.027	ng	100
30) Pyrene	19.517	202	7171	0.026	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	17443	0.141	ng	99

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

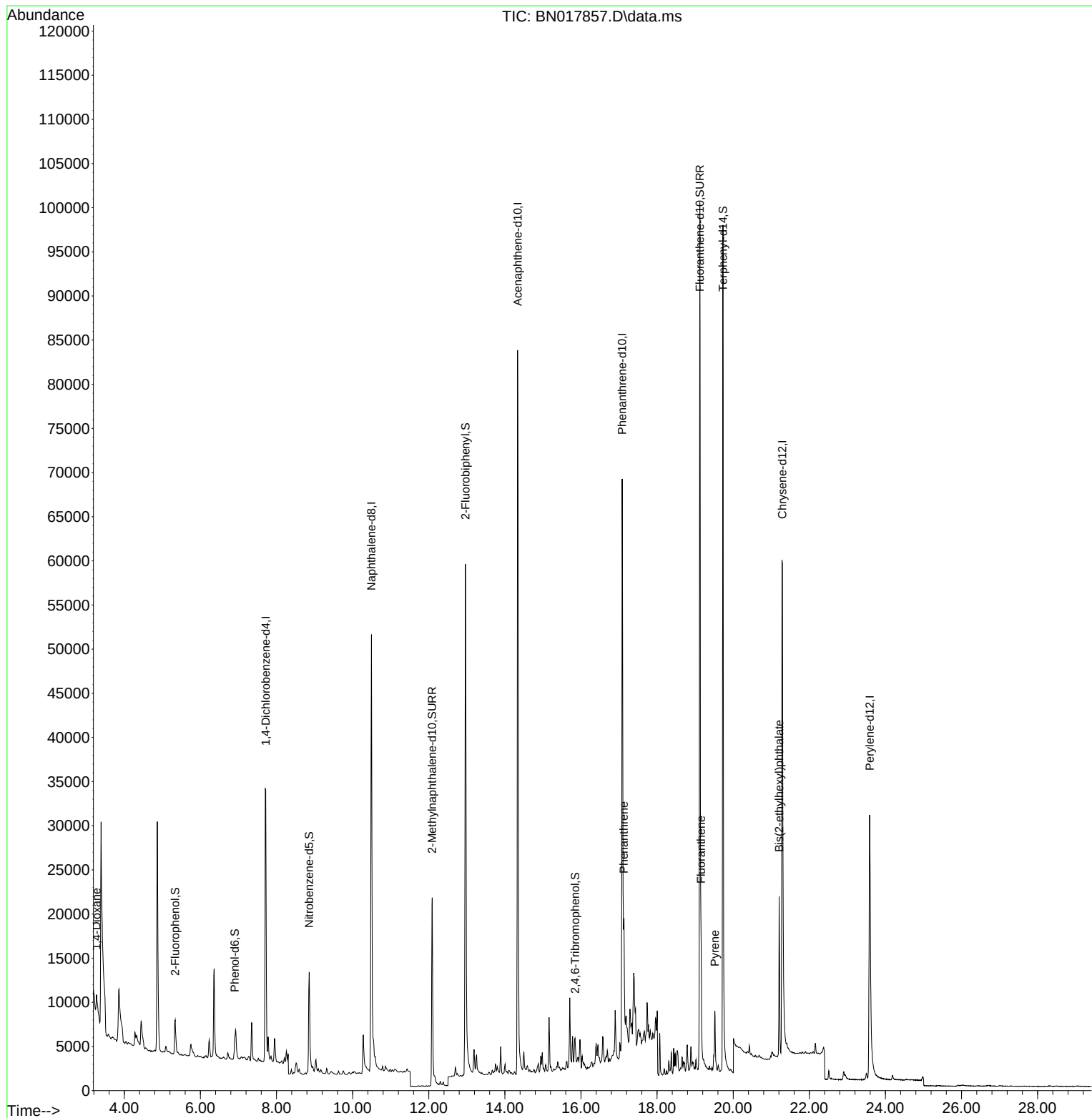
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017857.D
Acq On : 10 Dec 2021 06:31
Operator : CG/JU
Sample : M4923-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

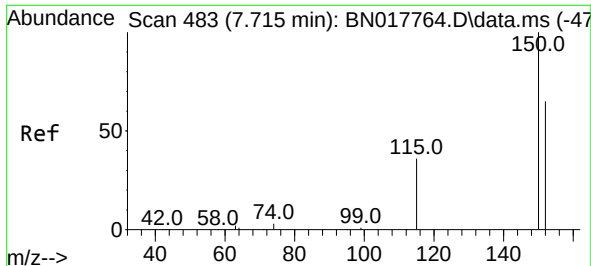
Instrument :
BNA_N
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TT180D-20211201

Quant Time: Dec 11 00:57:05 2021
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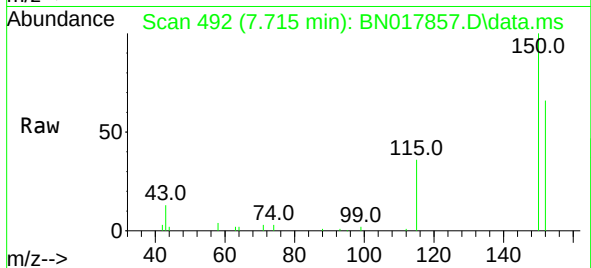
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN017857.D
 Acq: 10 Dec 2021 06:31

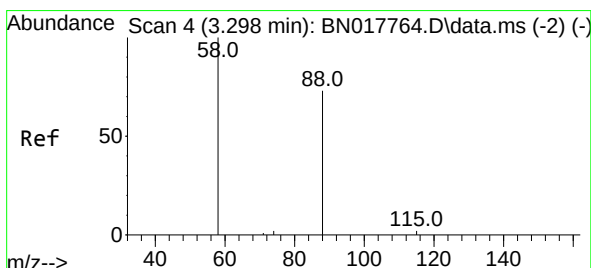
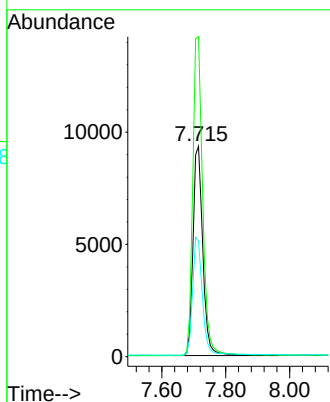
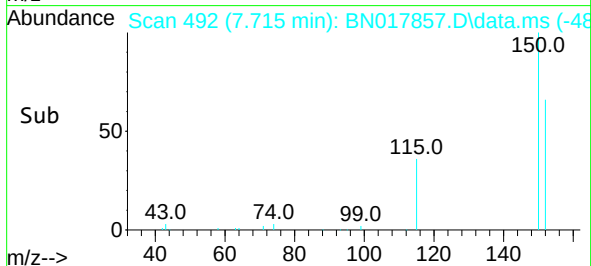
Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20211201



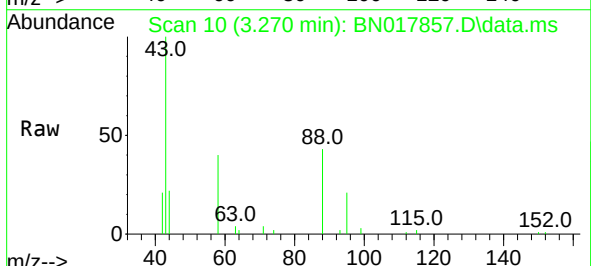
Tgt Ion: 152 Resp: 19779
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.0 184.4
 115 54.8 45.3 67.9

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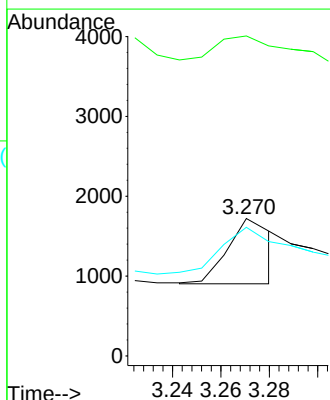
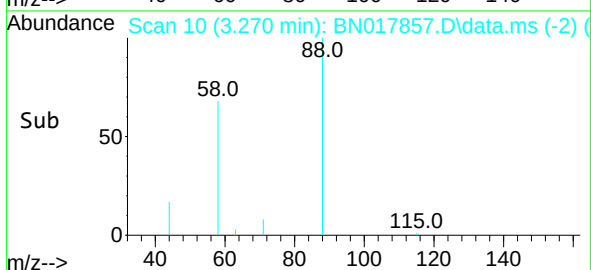
Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021

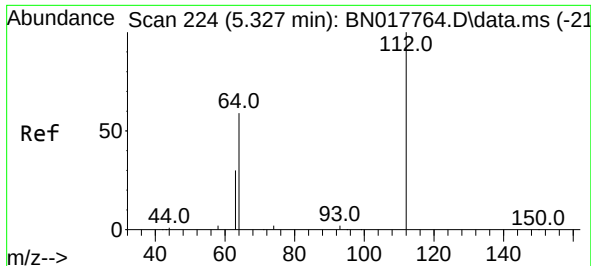


#2
 1,4-Dioxane
 Concen: 0.142 ng m
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017857.D
 Acq: 10 Dec 2021 06:31



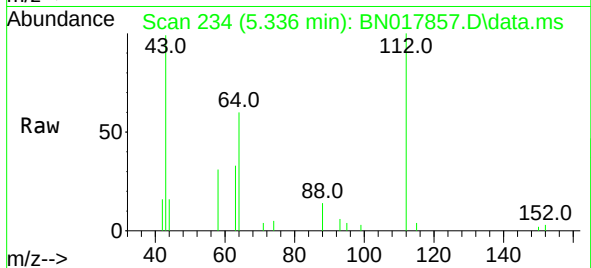
Tgt Ion: 88 Resp: 1037
 Ion Ratio Lower Upper
 88 100
 43 102.4 0.0 0.0#
 58 137.4 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

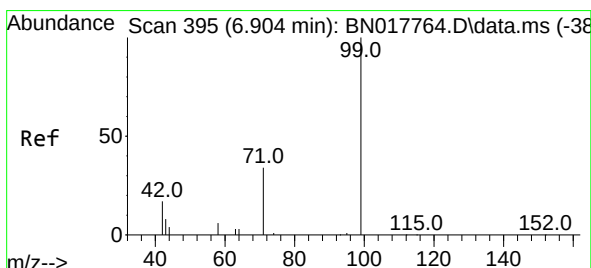
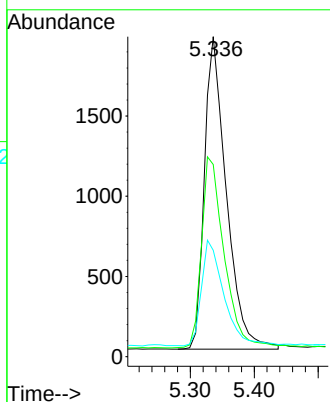
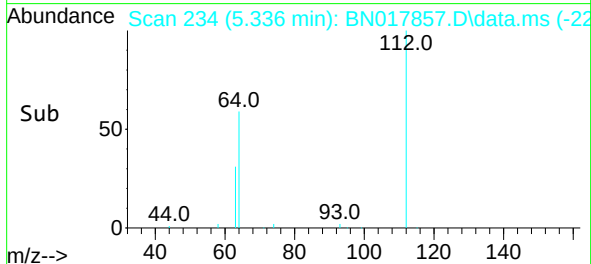
Instrument :
BNA_N
ClientSampleId :
TT180D-20211201



Tgt Ion: 112 Resp: 4650
Ion Ratio Lower Upper
112 100
64 62.9 49.3 73.9
63 34.2 25.8 38.8

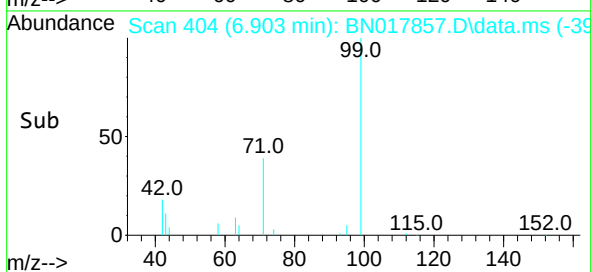
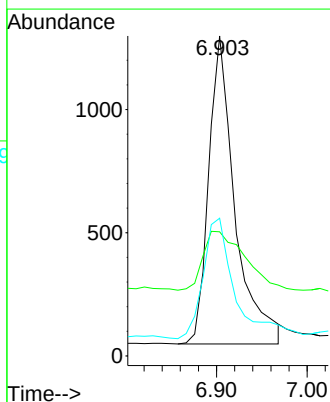
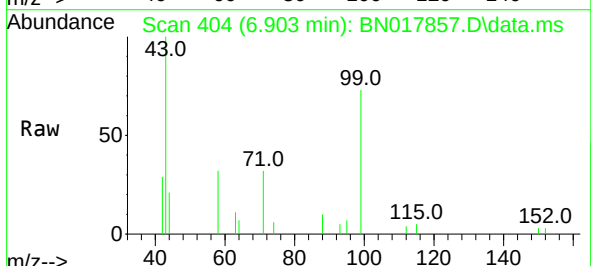
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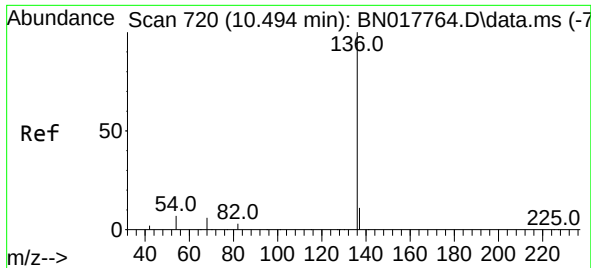
Reviewed By :Jagrut Upadhyay 12/14/2021
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#5
Phenol-d6
Concen: 0.056 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

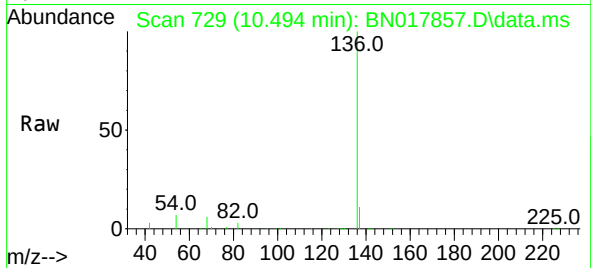
Tgt Ion: 99 Resp: 2522
Ion Ratio Lower Upper
99 100
42 30.1 16.6 25.0#
71 46.3 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

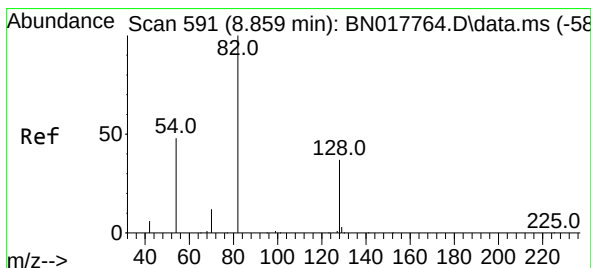
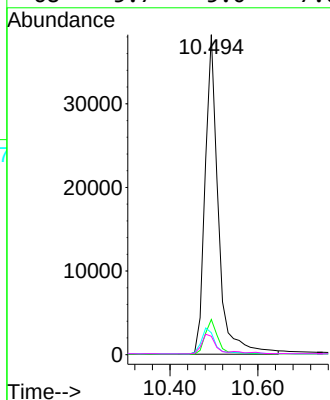
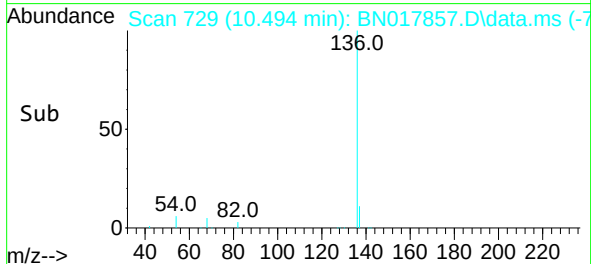
Instrument :
BNA_N
ClientSampleId :
TT180D-20211201



Tgt Ion:	136	Resp:	79154
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.8	5.9	8.9
68	5.7	5.0	7.6

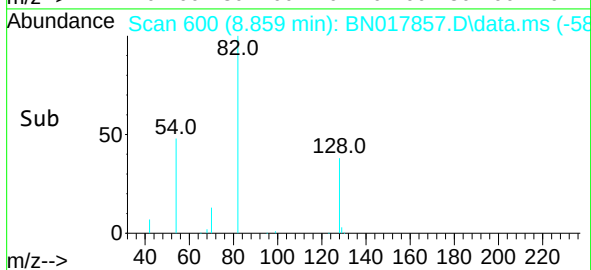
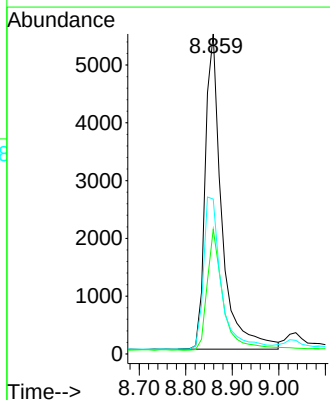
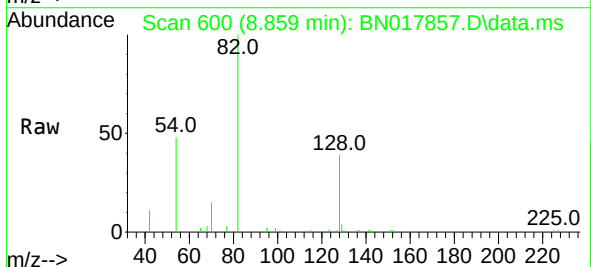
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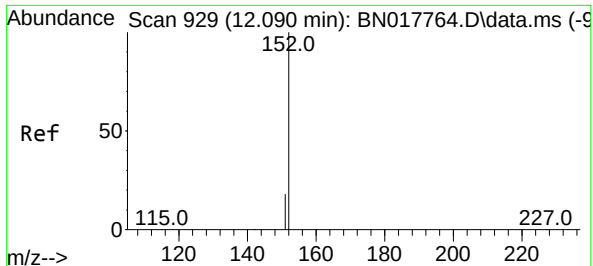
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

Tgt Ion:	82	Resp:	13551
Ion Ratio	Lower	Upper	
82	100		
128	38.9	30.2	45.2
54	48.4	39.0	58.6





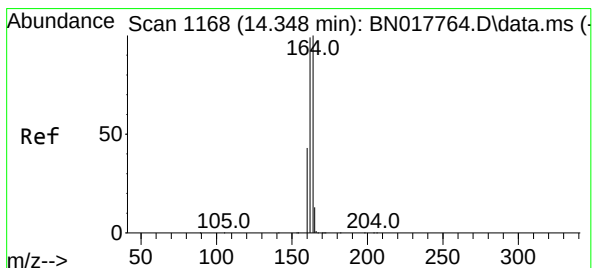
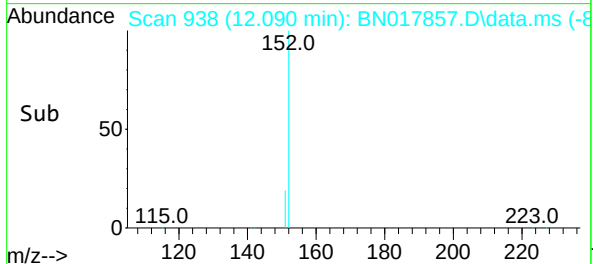
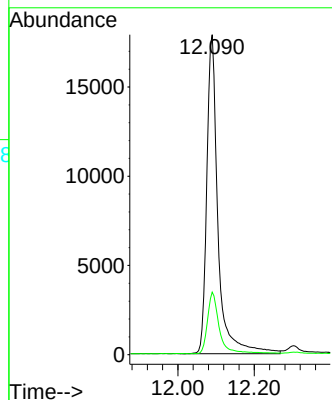
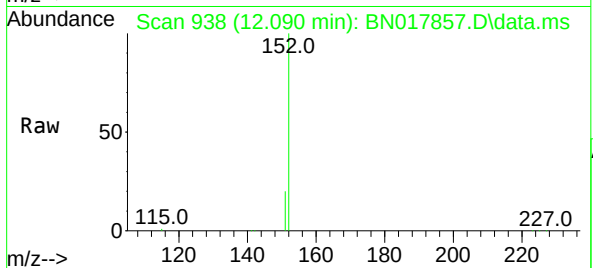
#11
2-Methylnaphthalene-d10
Concen: 0.230 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

Instrument :
BNA_N
ClientSampleId :
TT180D-20211201

Tgt Ion:152 Resp: 3637
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

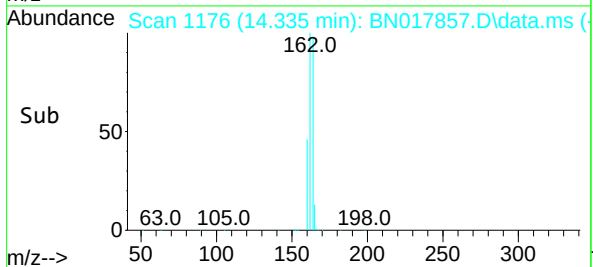
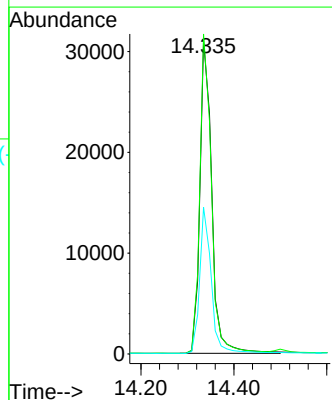
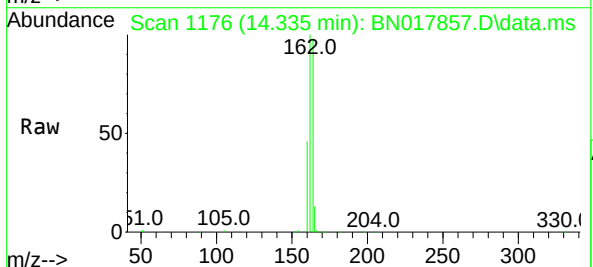
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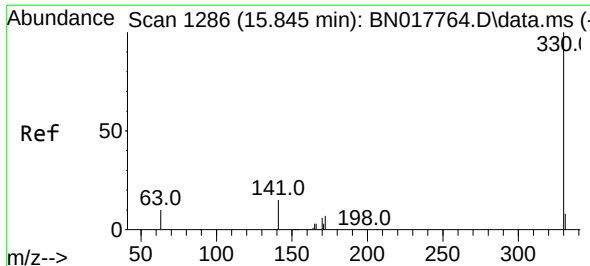
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Supervised By :Yogesh Patel 12/15/2021



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. -0.013 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

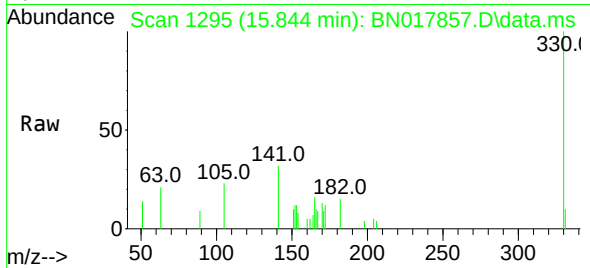
Tgt Ion:164 Resp: 55285
Ion Ratio Lower Upper
164 100
162 102.1 79.0 118.6
160 46.8 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.134 ng
RT: 15.844 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

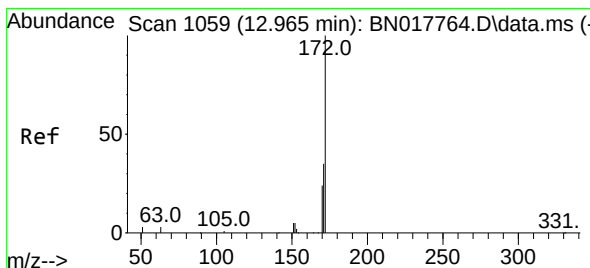
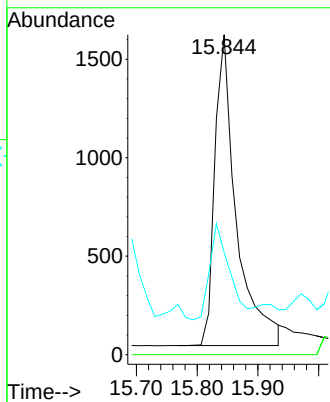
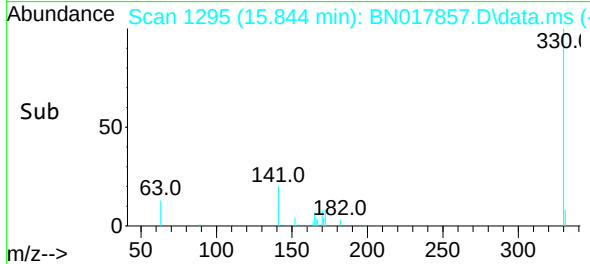
Instrument :
BNA_N
ClientSampleId :
TT180D-20211201



Tgt Ion:330 Resp: 3884
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.6 21.5 32.3

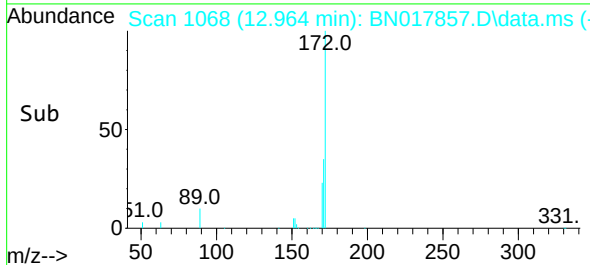
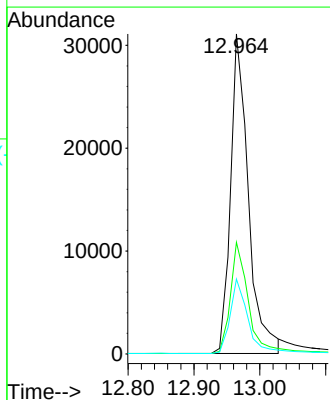
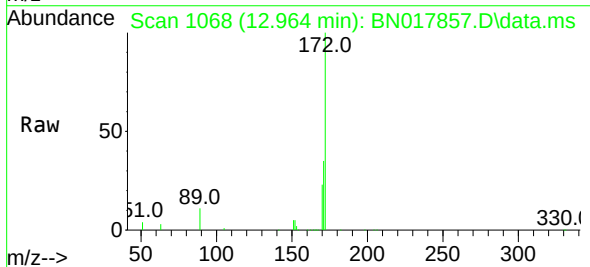
Manual Integrations
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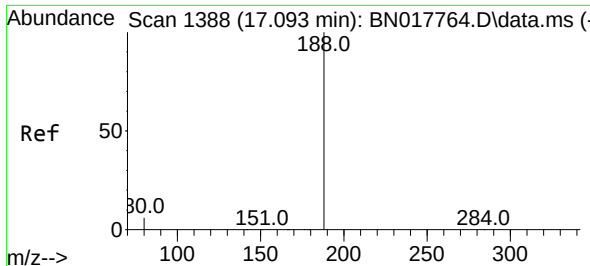
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

Tgt Ion:172 Resp: 58233
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.9 28.3





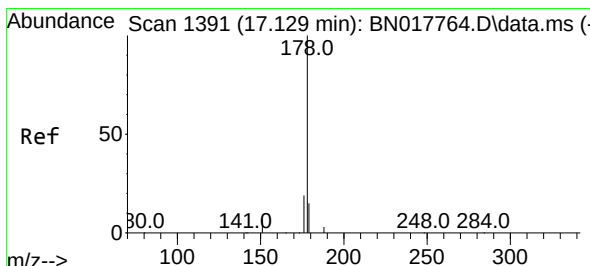
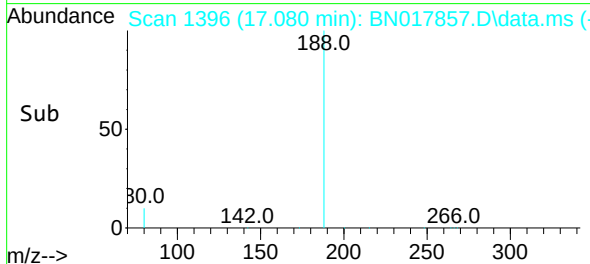
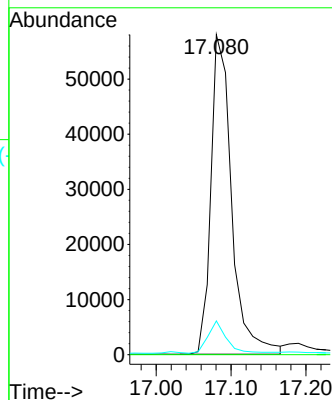
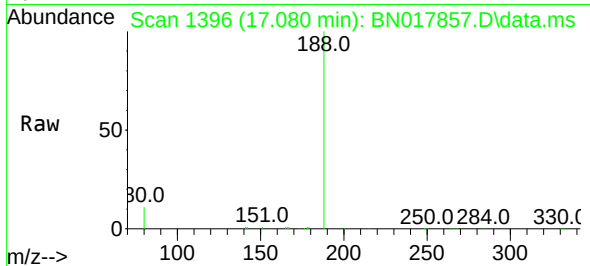
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11134
Delta R.T. -0.012 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

Instrument :
BNA_N
ClientSampleId :
TT180D-20211201

Tgt Ion:188 Resp: 11134
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 5.1 7.7

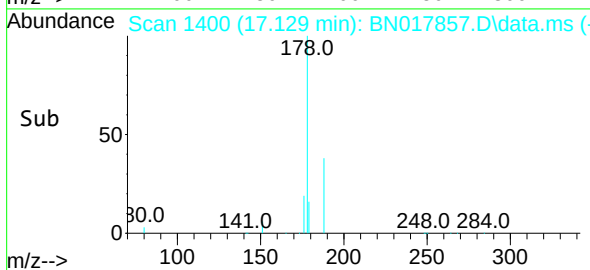
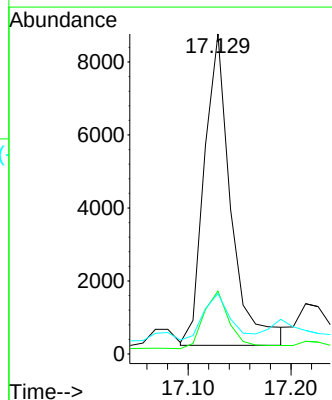
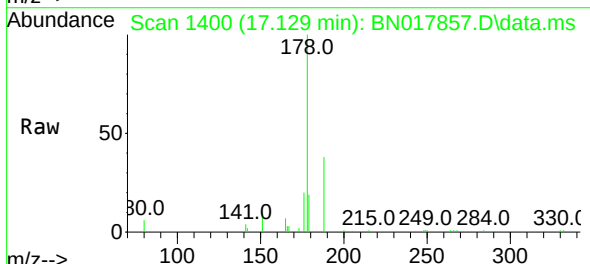
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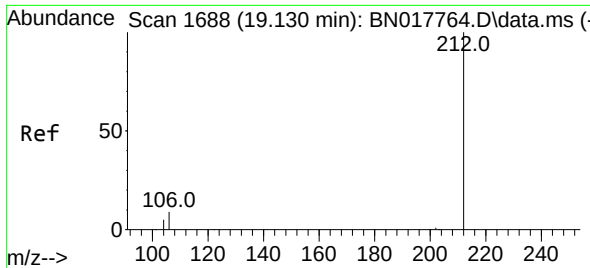
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#25
Phenanthrene
Concen: 0.053 ng m
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

Tgt Ion:178 Resp: 15424
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.6
179 23.0 12.5 18.7





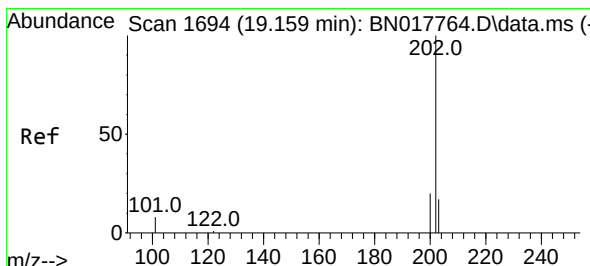
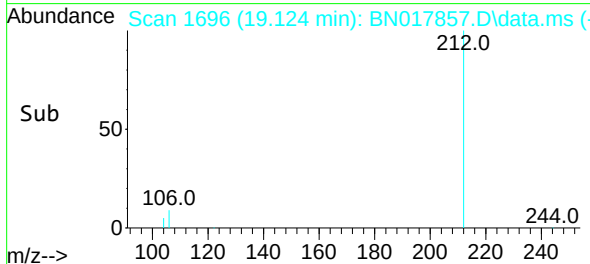
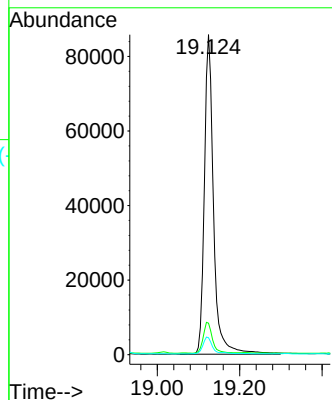
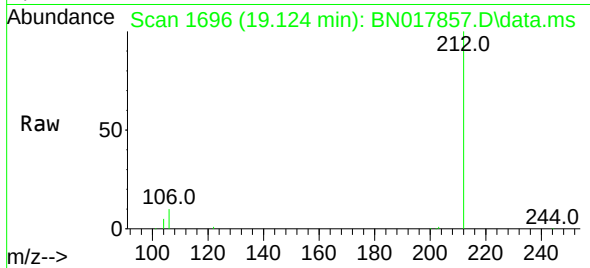
#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.124 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

Instrument :
BNA_N
ClientSampleId :
TT180D-20211201

Tgt Ion:212 Resp: 13259
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 5.6 4.6 6.8

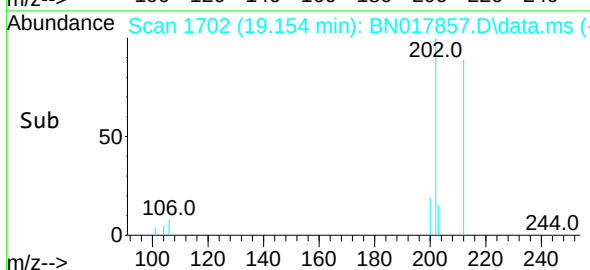
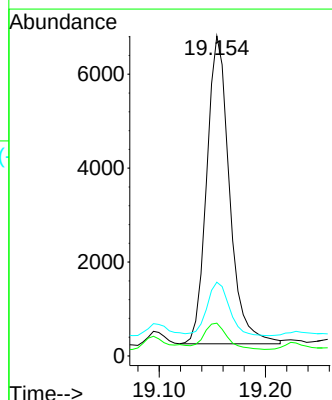
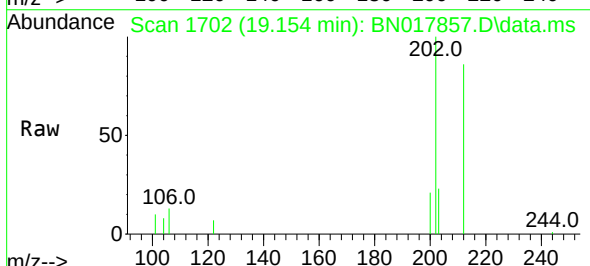
Manual Integrations
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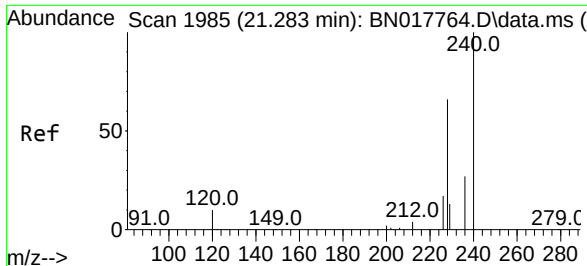
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

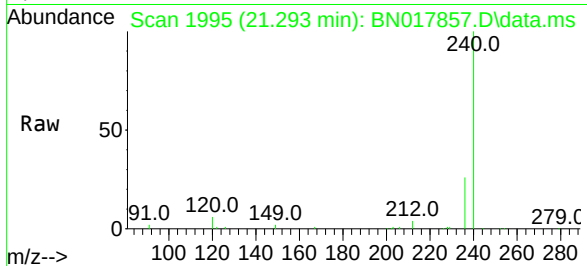
Tgt Ion:202 Resp: 9758
Ion Ratio Lower Upper
202 100
101 9.1 7.2 10.8
203 17.0 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

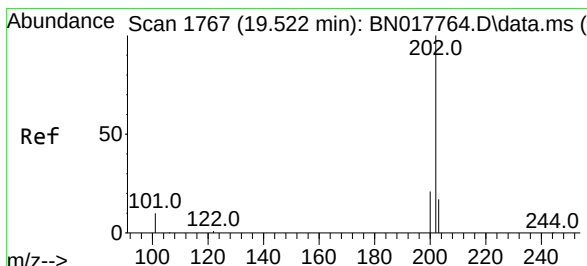
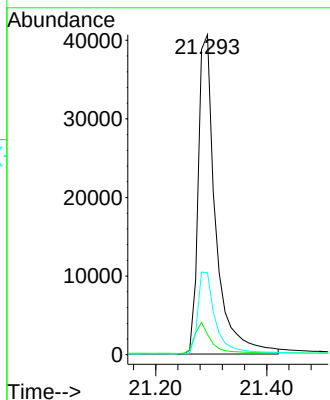
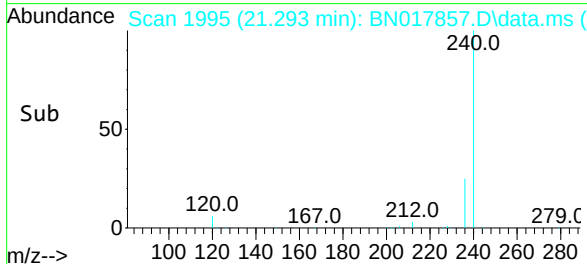
Instrument :
BNA_N
ClientSampleId :
TT180D-20211201



Tgt Ion:240 Resp: 8858
Ion Ratio Lower Upper
240 100
120 6.4 7.9 11.9
236 25.6 21.4 32.2

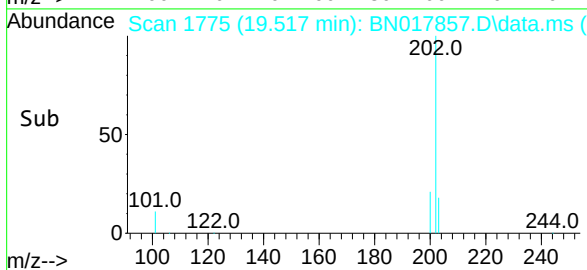
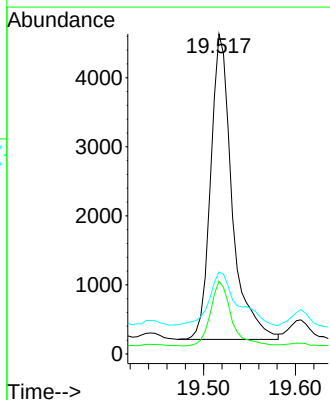
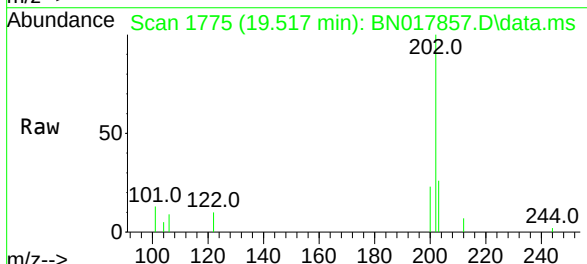
Manual Integrations
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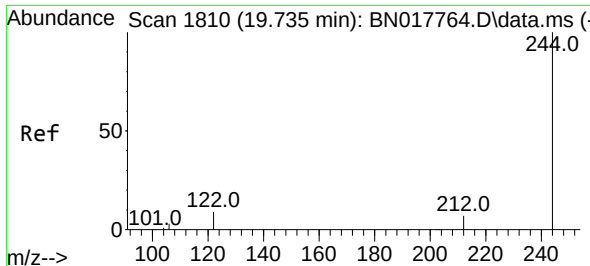
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#30
Pyrene
Concen: 0.026 ng
RT: 19.517 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN017857.D
Acq: 10 Dec 2021 06:31

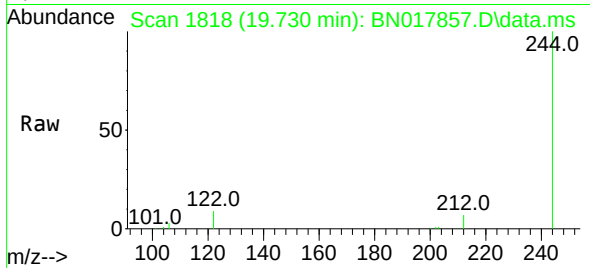
Tgt Ion:202 Resp: 7171
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 23.0 14.0 21.0





#31
 Terphenyl-d14
 Concen: 0.625 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017857.D
 Acq: 10 Dec 2021 06:31

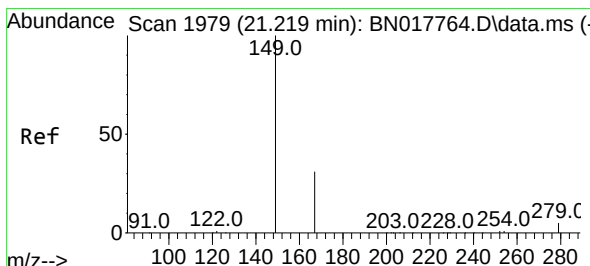
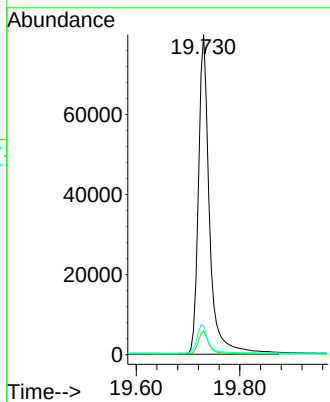
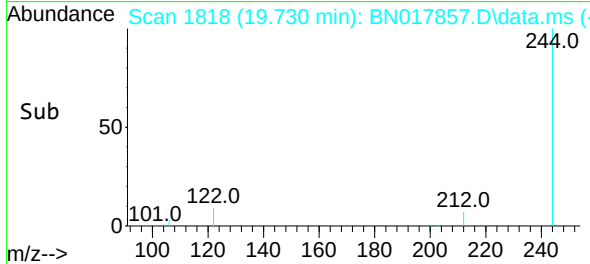
Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20211201



Tgt Ion:244 Resp: 118969
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.1 7.1 10.7

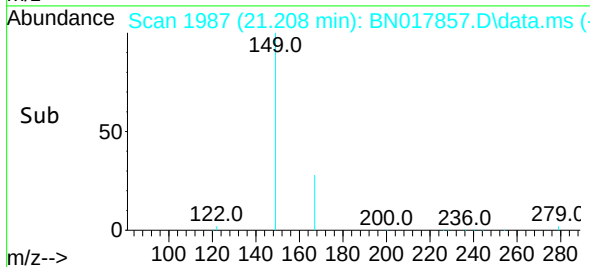
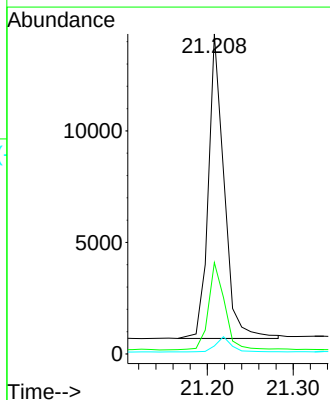
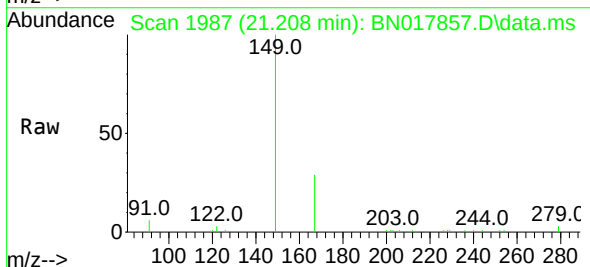
Manual Integrations
 APPROVED

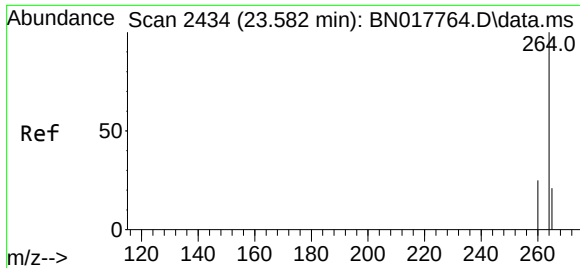
Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017857.D
 Acq: 10 Dec 2021 06:31

Tgt Ion:149 Resp: 17443
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.5 35.3
 279 4.9 3.8 5.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.586 min Scan# 24

Delta R.T. 0.003 min

Lab File: BN017857.D

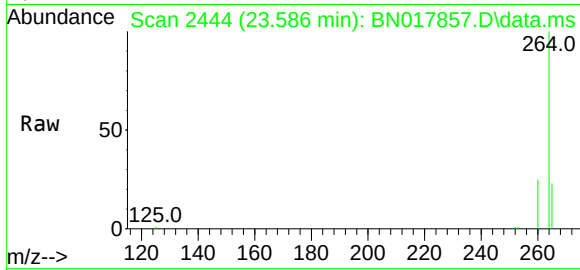
Acq: 10 Dec 2021 06:31

Instrument :

BNA_N

ClientSampleId :

TT180D-20211201



Tgt Ion:264 Resp: 60134

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 23.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021

Supervised By :Yogesh Patel 12/15/2021

