

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017858.D
 Acq On : 10 Dec 2021 07:07
 Operator : CG/JU
 Sample : M4923-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201

Quant Time: Dec 11 01:09:31 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21314	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	91489	0.400	ng	# 0.00
13) Acenaphthene-d10	14.334	164	60322	0.400	ng	-0.01
19) Phenanthrene-d10	17.080	188	120254	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	102402	0.400	ng	0.00
35) Perylene-d12	23.582	264	72952	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6320	0.123	ng	0.00
5) Phenol-d6	6.903	99	3944	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	19889	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	49302	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6553	0.208	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	81864	0.371	ng	0.00
27) Fluoranthene-d10	19.124	212	127581	0.317	ng	0.00
31) Terphenyl-d14	19.730	244	112364	0.511	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	59390m	7.570	ng	
25) Phenanthrene	17.129	178	29686	0.094	ng	97
28) Fluoranthene	19.154	202	26731	0.070	ng	99
30) Pyrene	19.516	202	16394	0.050	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.208	149	36870	0.258	ng	99

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

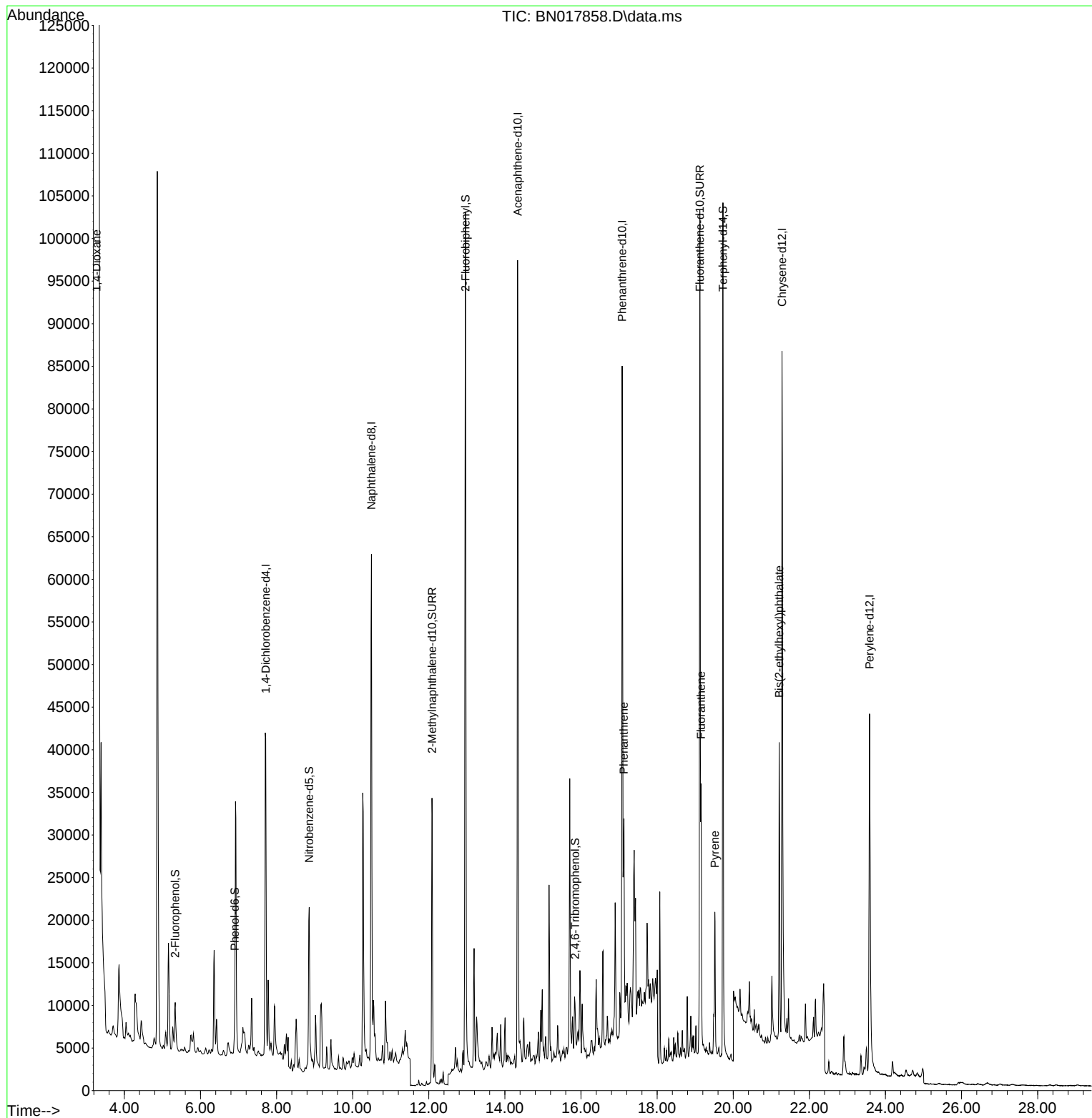
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017858.D
Acq On : 10 Dec 2021 07:07
Operator : CG/JU
Sample : M4923-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

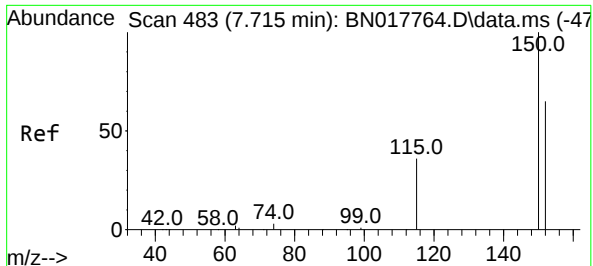
Instrument :
BNA_N
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RE120D2-20211201

Quant Time: Dec 11 01:09:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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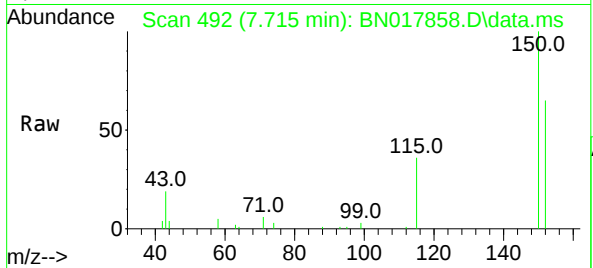
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

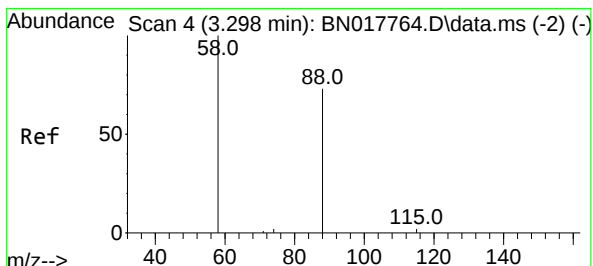
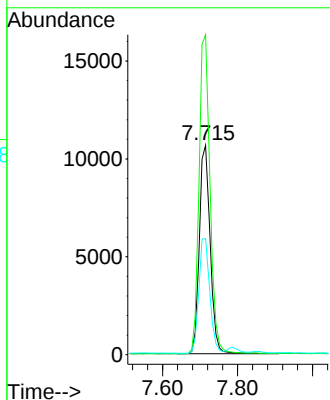
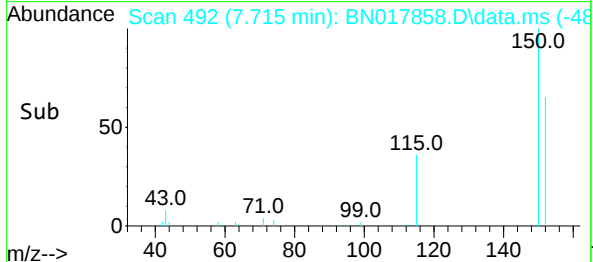
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201



Tgt Ion: 152 Resp: 21314
Ion Ratio Lower Upper
152 100
150 152.8 123.0 184.4
115 55.5 45.3 67.9

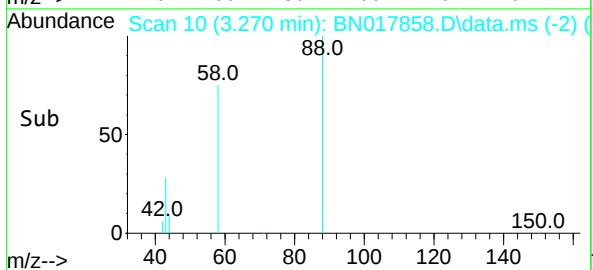
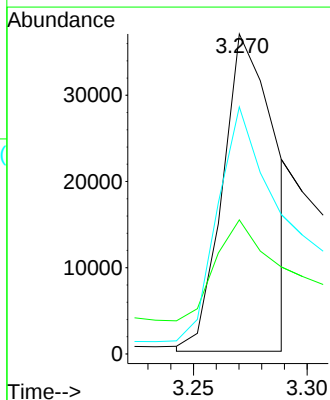
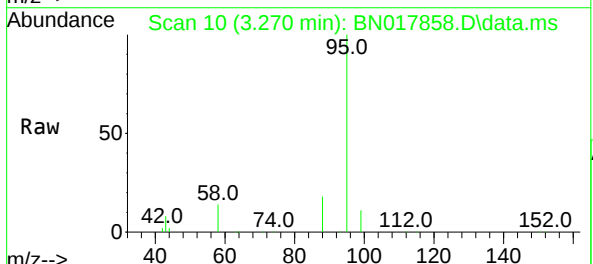
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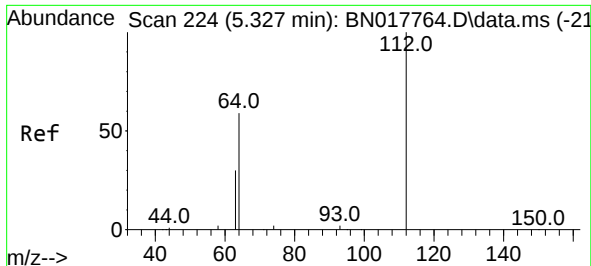
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 7.570 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

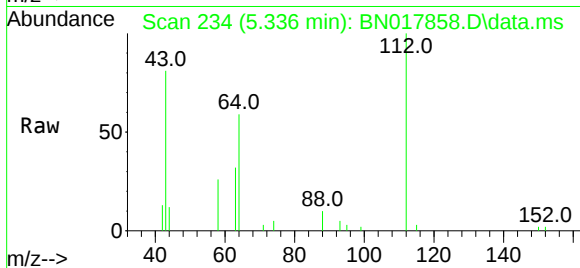
Tgt Ion: 88 Resp: 59390
Ion Ratio Lower Upper
88 100
43 47.7 0.0 0.0#
58 111.6 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

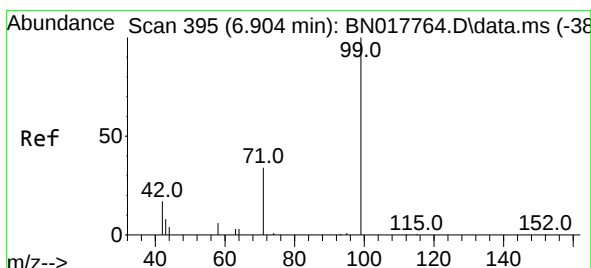
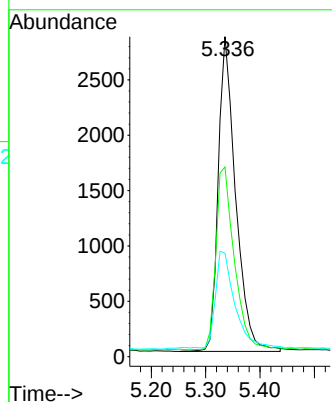
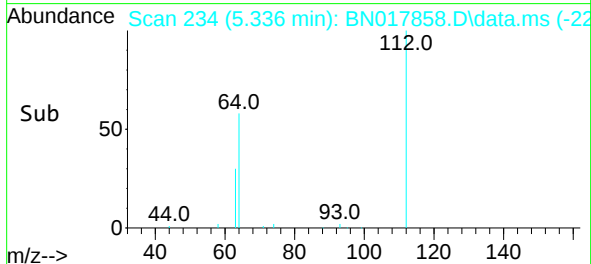
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201



Tgt Ion: 112 Resp: 6320
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 33.7 25.8 38.8

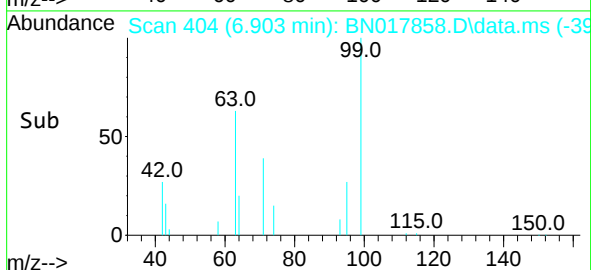
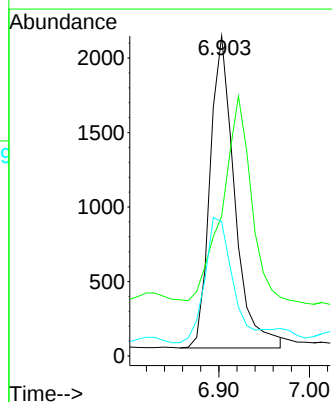
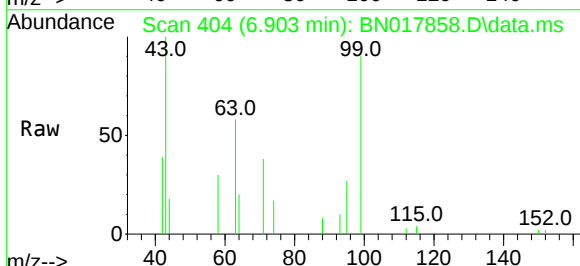
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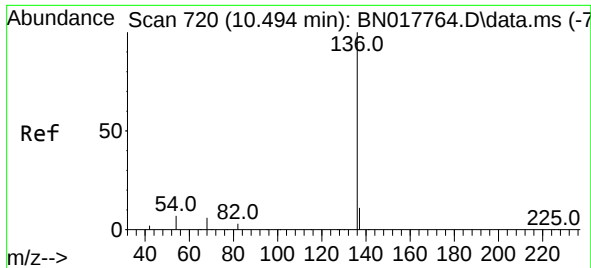
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

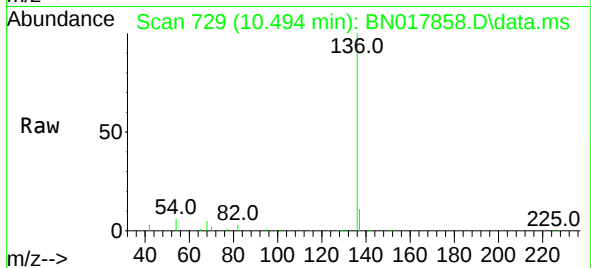
Tgt Ion: 99 Resp: 3944
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 47.4 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

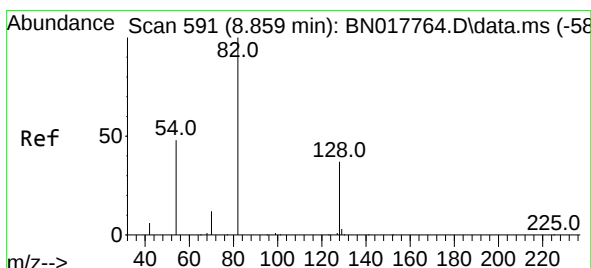
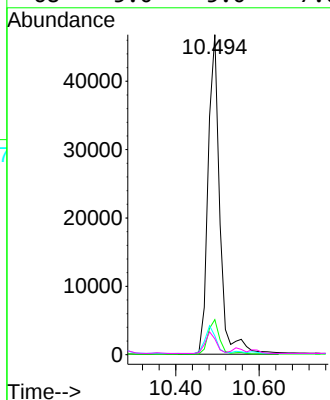
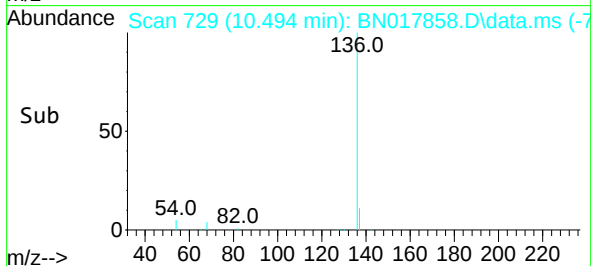
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201



Tgt Ion:136 Resp: 91489
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.8 5.9 8.9
68 5.0 5.0 7.6#

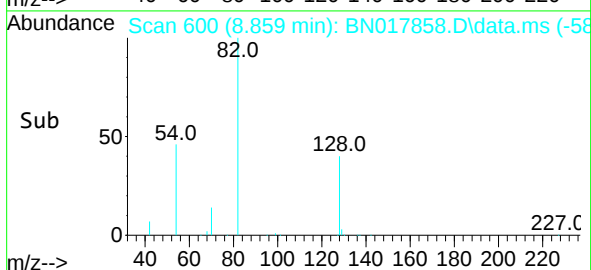
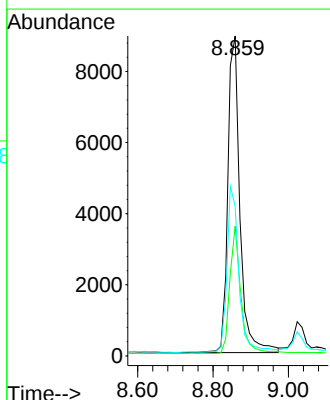
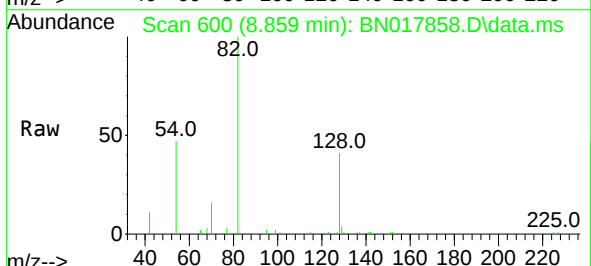
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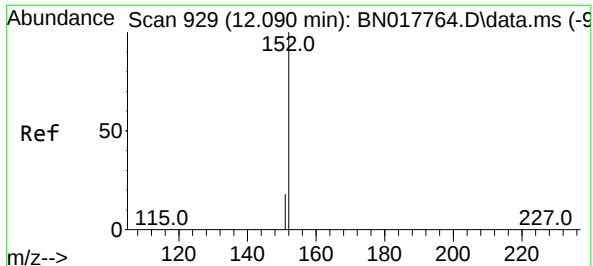
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

Tgt Ion: 82 Resp: 19889
Ion Ratio Lower Upper
82 100
128 40.5 30.2 45.2
54 46.7 39.0 58.6





#11

2-Methylnaphthalene-d10

Concen: 0.270 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.005 min

Lab File: BN017858.D

Acq: 10 Dec 2021 07:07

Instrument :

BNA_N

ClientSampleId :

RE120D2-20211201

Tgt Ion:152 Resp: 4930

Ion Ratio Lower Upper

152 100

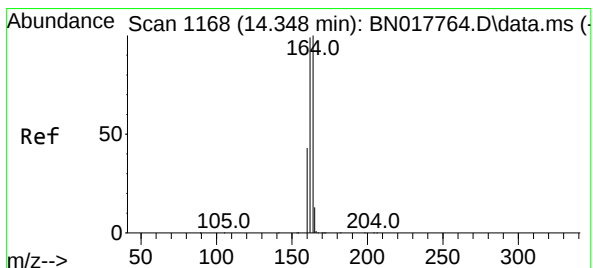
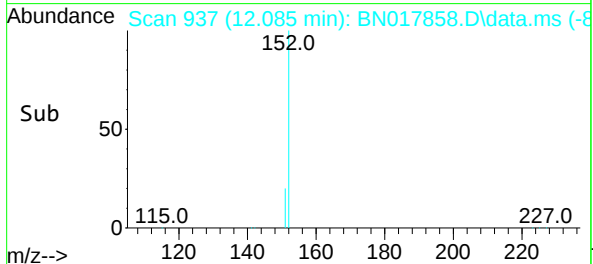
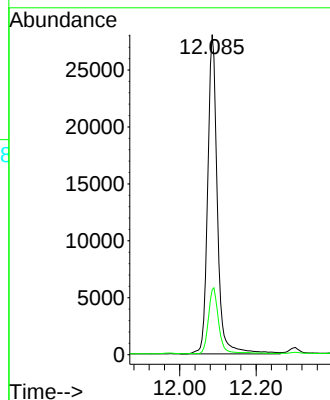
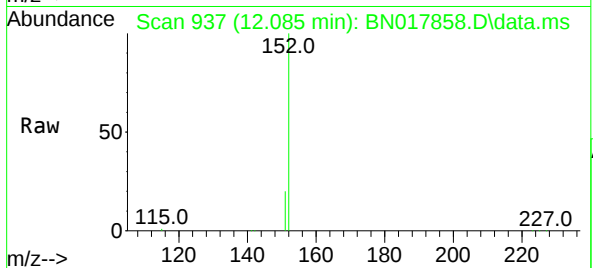
151 21.7 16.4 24.6

Manual Integrations

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#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017858.D

Acq: 10 Dec 2021 07:07

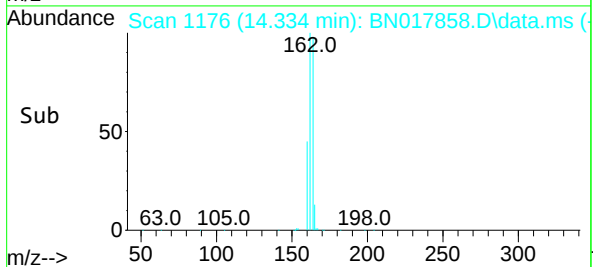
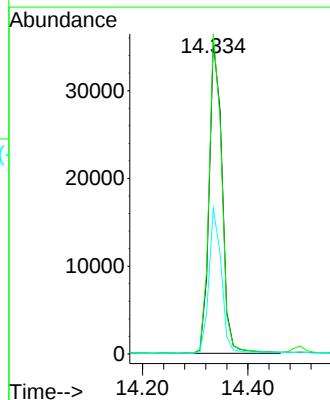
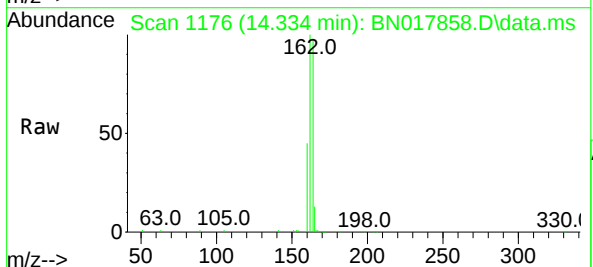
Tgt Ion:164 Resp: 60322

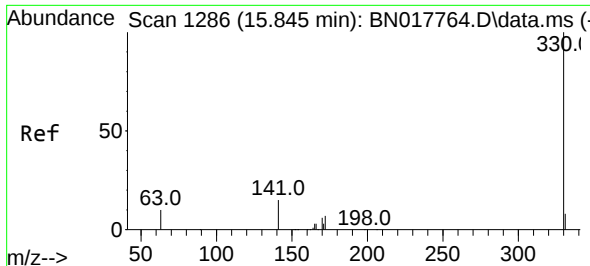
Ion Ratio Lower Upper

164 100

162 102.4 79.0 118.6

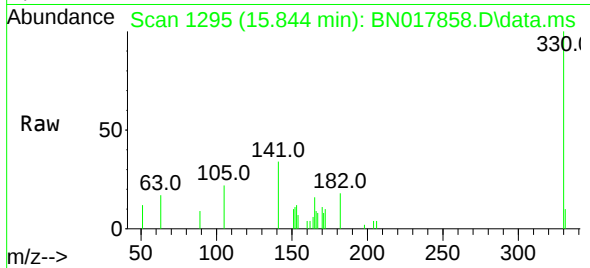
160 46.6 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.844 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

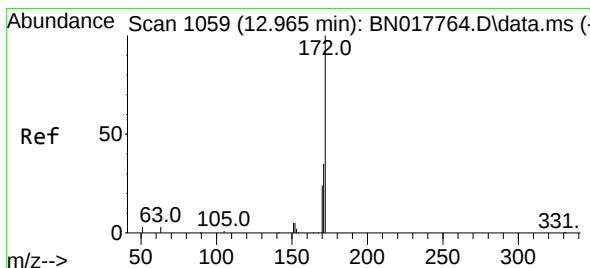
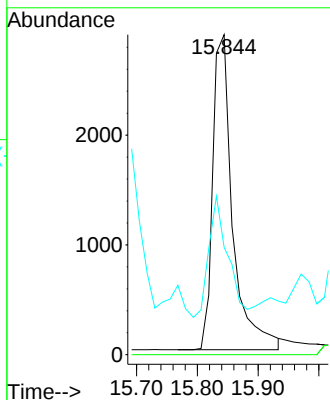
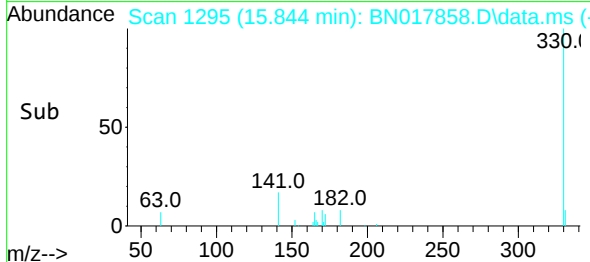
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201



Tgt Ion:330 Resp: 655
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.4 21.5 32.3

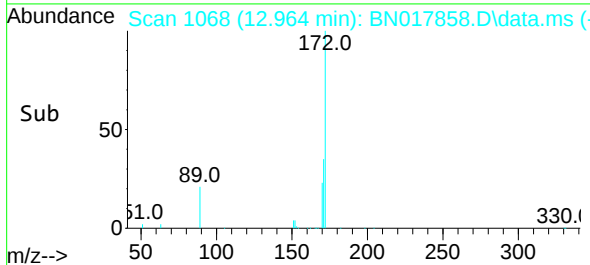
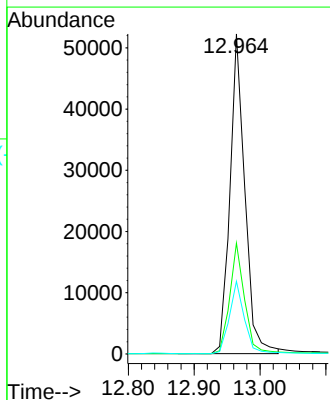
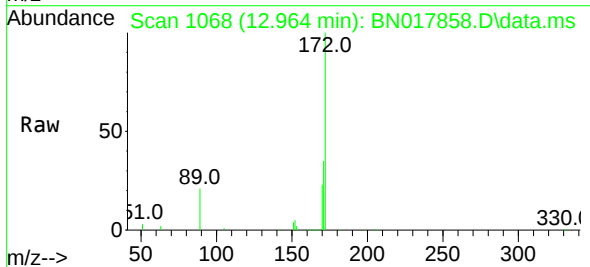
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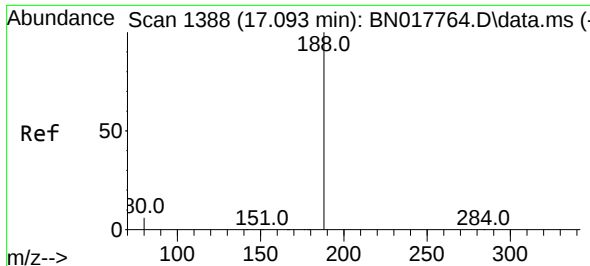
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

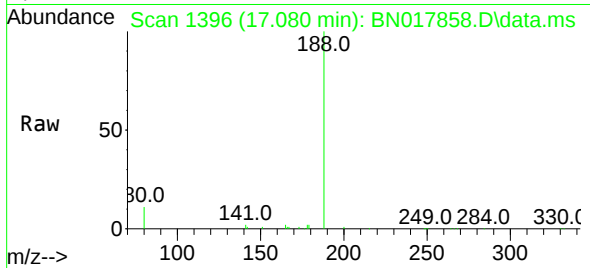
Tgt Ion:172 Resp: 81864
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.7 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

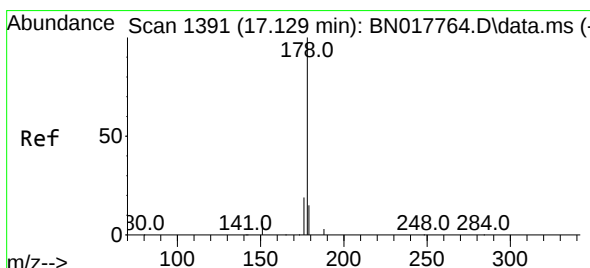
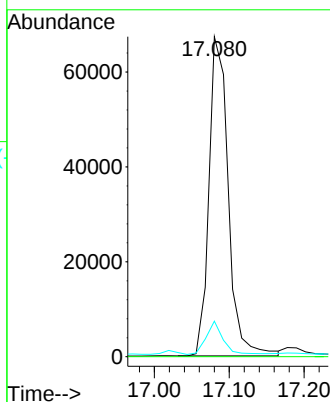
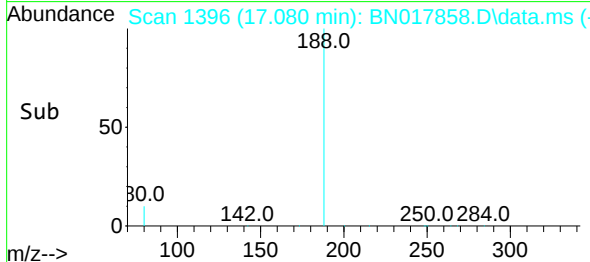
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BNA_N
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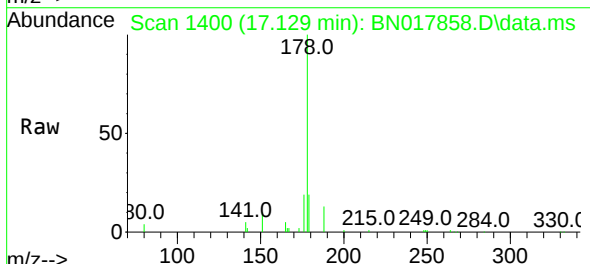
Tgt Ion:188 Resp: 120254
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 5.1 7.7

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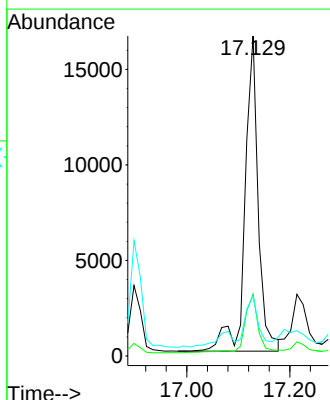
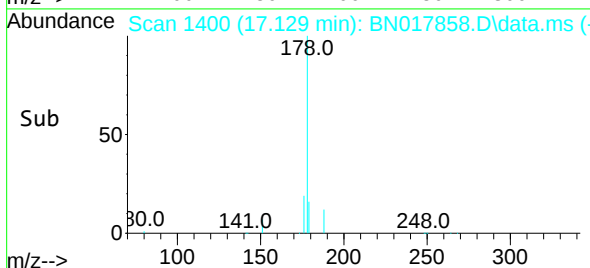
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

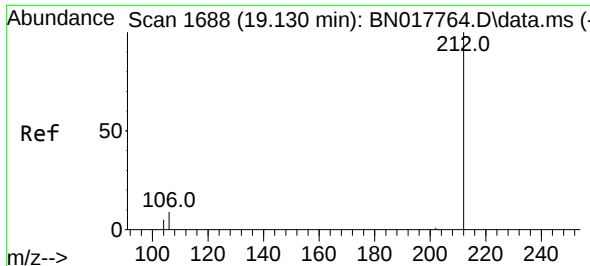


#25
Phenanthrene
Concen: 0.094 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07



Tgt Ion:178 Resp: 29686
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 13.2 12.5 18.7





#27

Fluoranthene-d10

Concen: 0.317 ng

RT: 19.124 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN017858.D

Acq: 10 Dec 2021 07:07

Instrument :

BNA_N

ClientSampleId :

RE120D2-20211201

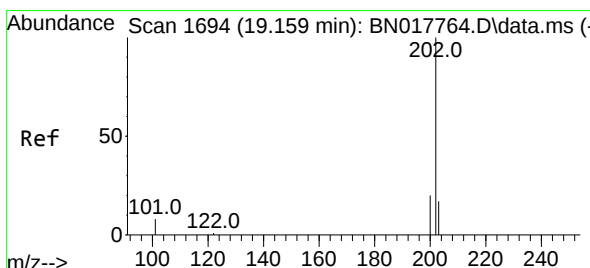
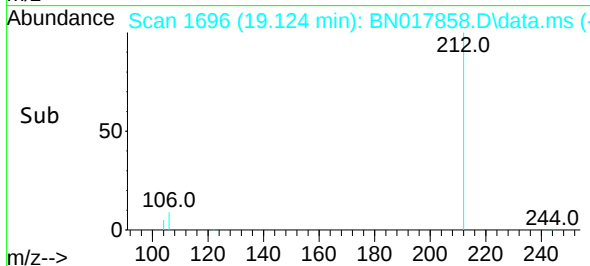
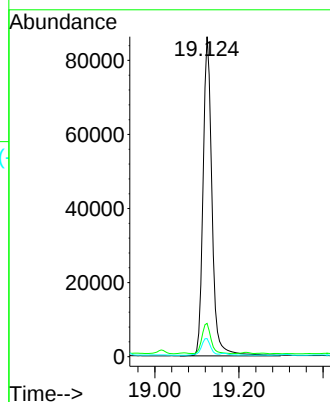
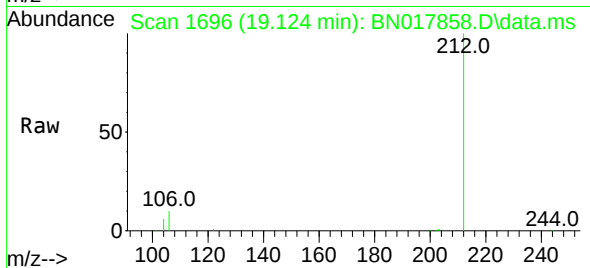
Tgt Ion:212 Resp: 12758

Ion	Ratio	Lower	Upper
212	100		
106	9.6	8.2	12.2
104	5.4	4.6	6.8

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#28

Fluoranthene

Concen: 0.070 ng

RT: 19.154 min Scan# 1702

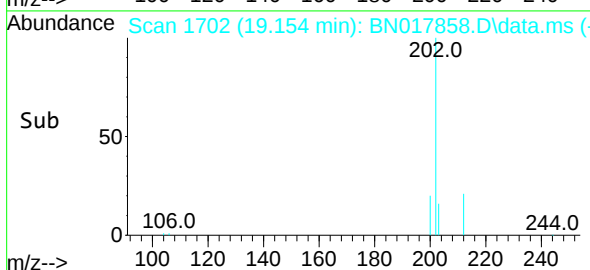
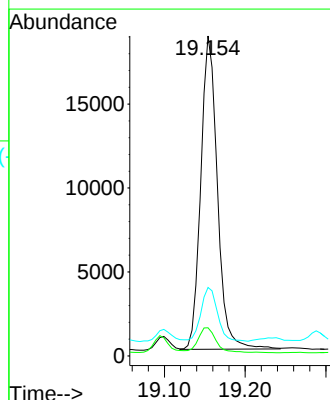
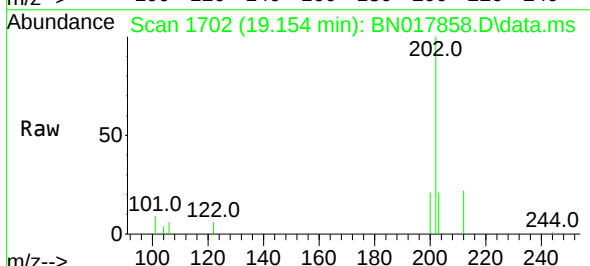
Delta R.T. -0.005 min

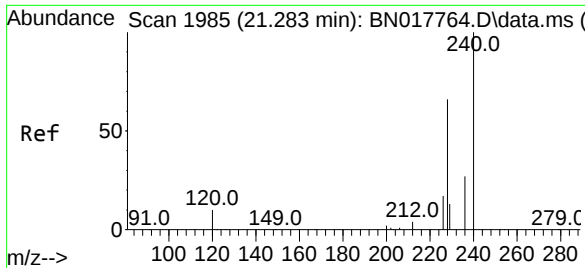
Lab File: BN017858.D

Acq: 10 Dec 2021 07:07

Tgt Ion:202 Resp: 26731

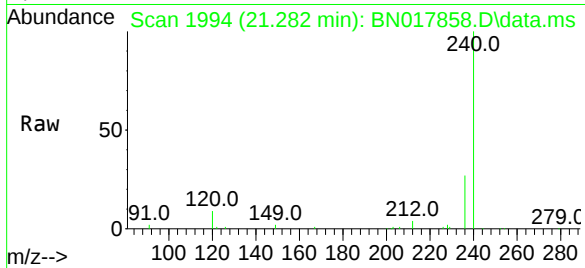
Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.2	10.8
203	17.5	13.7	20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

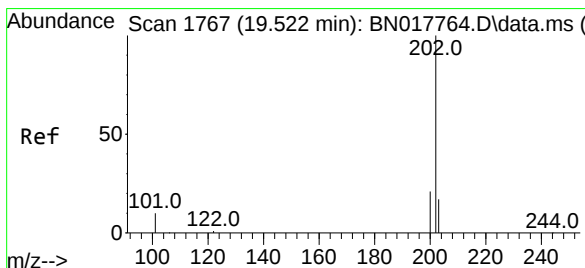
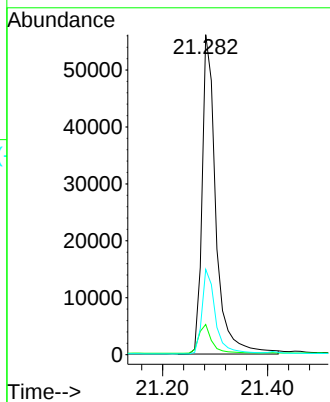
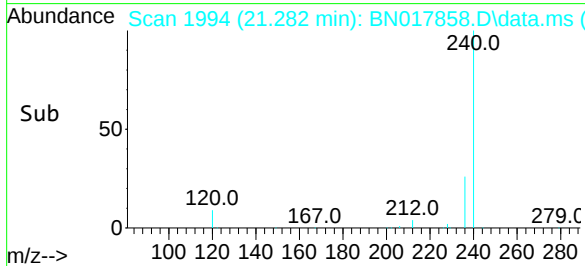
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201



Tgt Ion:240 Resp: 102400
Ion Ratio Lower Upper
240 100
120 9.4 7.9 11.9
236 26.7 21.4 32.2

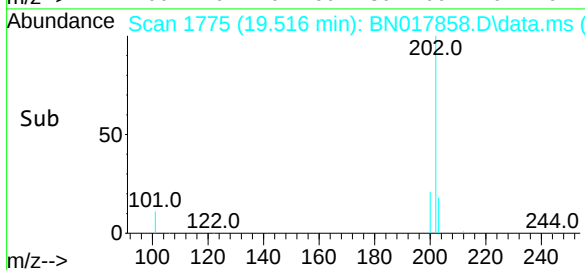
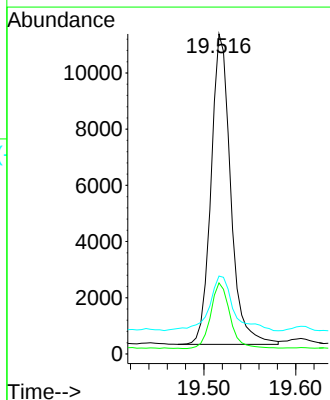
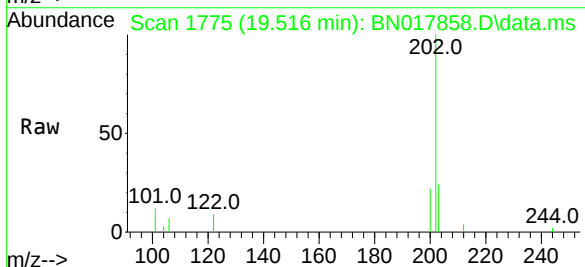
Manual Integrations
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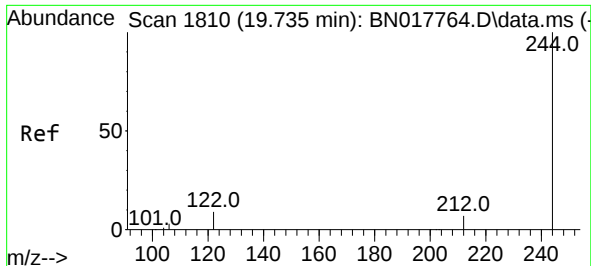
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#30
Pyrene
Concen: 0.050 ng
RT: 19.516 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

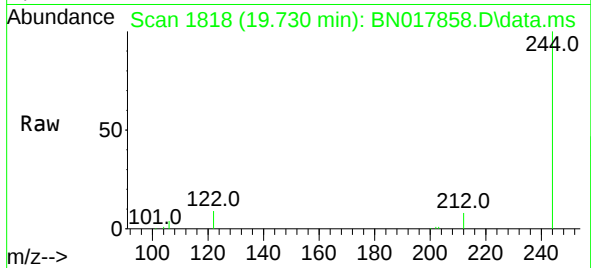
Tgt Ion:202 Resp: 16394
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 21.9 14.0 21.0#





#31
Terphenyl-d14
Concen: 0.511 ng
RT: 19.730 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

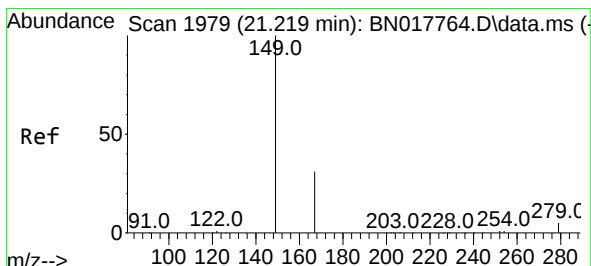
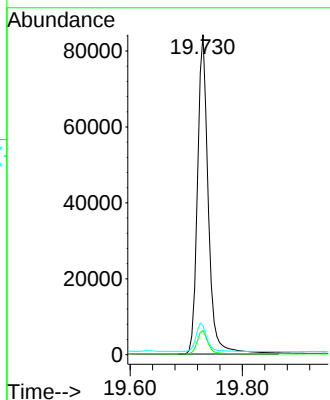
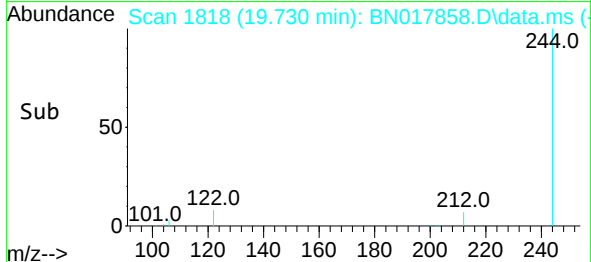
Instrument :
BNA_N
ClientSampleId :
RE120D2-20211201



Tgt Ion:244 Resp: 112364
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.0 7.1 10.7

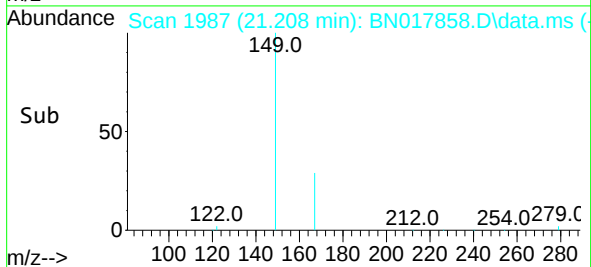
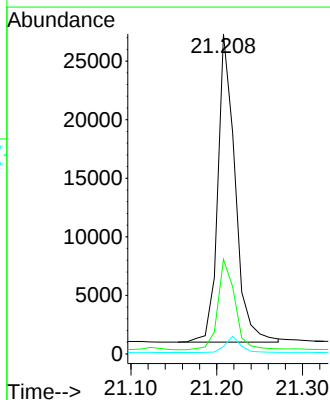
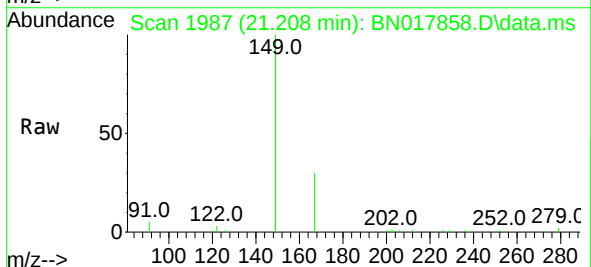
Manual Integrations
APPROVED

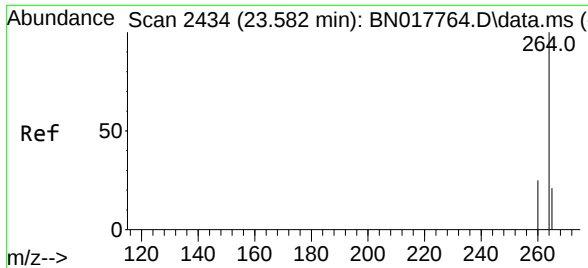
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.258 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017858.D
Acq: 10 Dec 2021 07:07

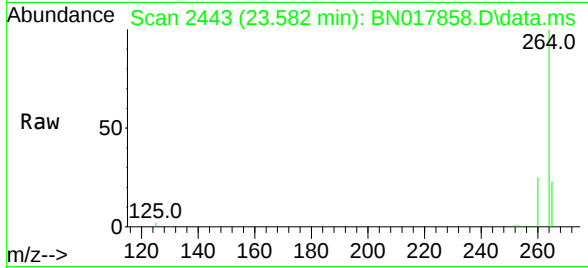
Tgt Ion:149 Resp: 36870
Ion Ratio Lower Upper
149 100
167 29.0 23.5 35.3
279 4.7 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.582 min Scan# 24
 Delta R.T. -0.001 min
 Lab File: BN017858.D
 Acq: 10 Dec 2021 07:07

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20211201



Tgt Ion:264 Resp: 72952
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 22.8 20.5 30.7

Manual Integrations
 APPROVED

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

