

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017844.D
 Acq On : 09 Dec 2021 20:54
 Operator : CG/JU
 Sample : M4922-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20211129

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 10 06:49:36 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	20595	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	81548	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	56502	0.400	ng	-0.01
19) Phenanthrene-d10	17.093	188	117025	0.400	ng	0.00
29) Chrysene-d12	21.283	240	95772	0.400	ng	0.00
35) Perylene-d12	23.586	264	66402	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5423	0.109	ng	0.00
5) Phenol-d6	6.903	99	3055	0.065	ng	0.00
8) Nitrobenzene-d5	8.859	82	14321	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	40654	0.250	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	2208	0.075	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63314	0.306	ng	0.00
27) Fluoranthene-d10	19.125	212	139984	0.358	ng	0.00
31) Terphenyl-d14	19.730	244	112142	0.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	30599m	4.036	ng	
12) 2-Methylnaphthalene	12.161	142	6013	0.039	ng	97
25) Phenanthrene	17.129	178	21989	0.072	ng	# 94
28) Fluoranthene	19.154	202	8980	0.024	ng	98
30) Pyrene	19.522	202	6548	0.022	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	13068	0.098	ng	99

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

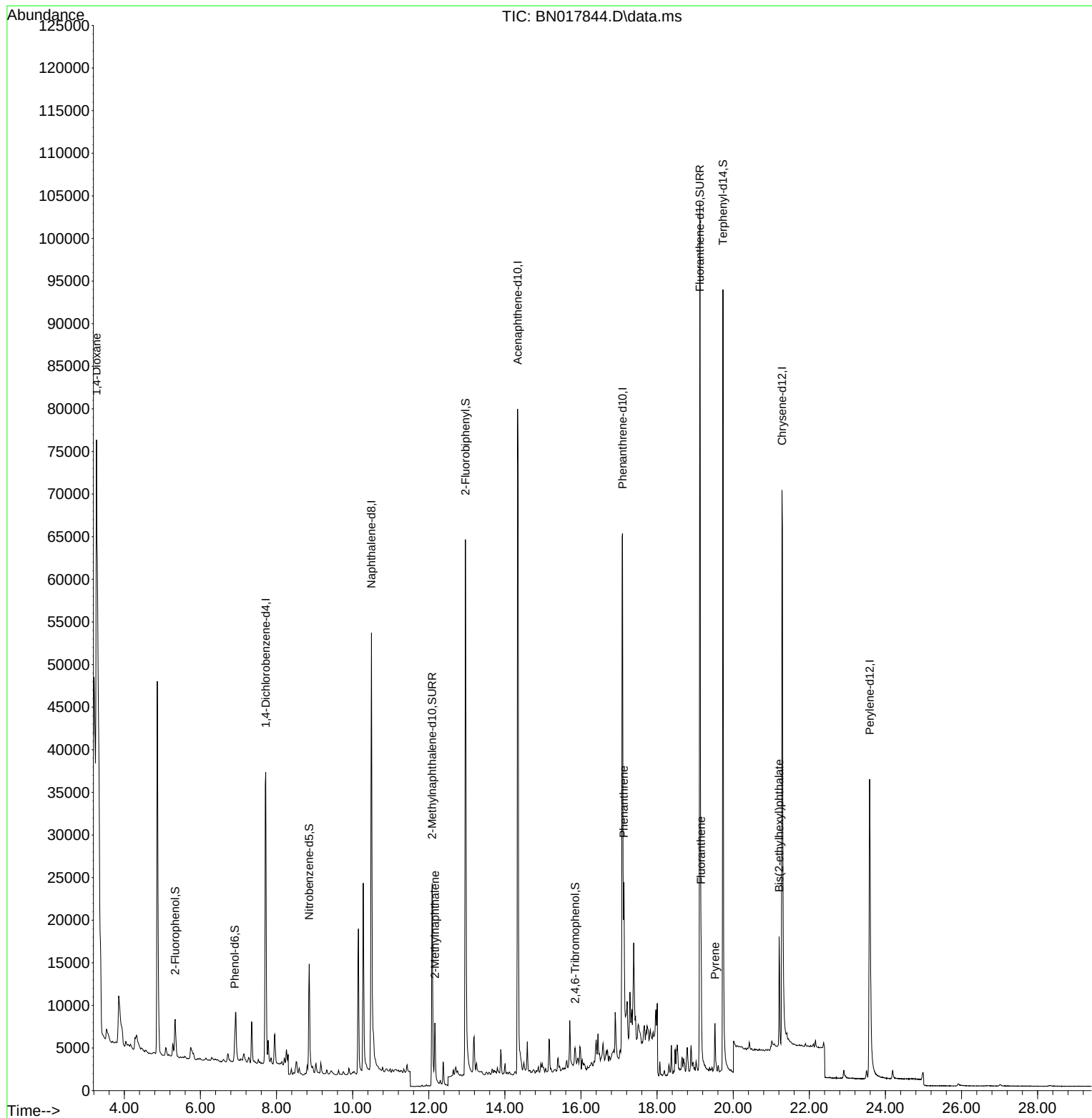
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017844.D
Acq On : 09 Dec 2021 20:54
Operator : CG/JU
Sample : M4922-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

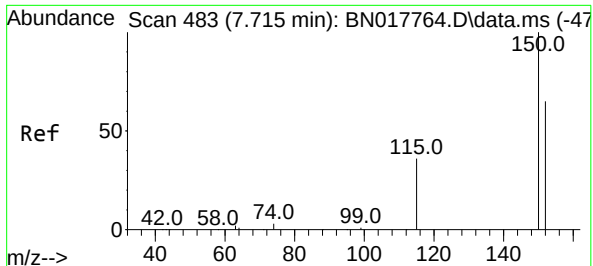
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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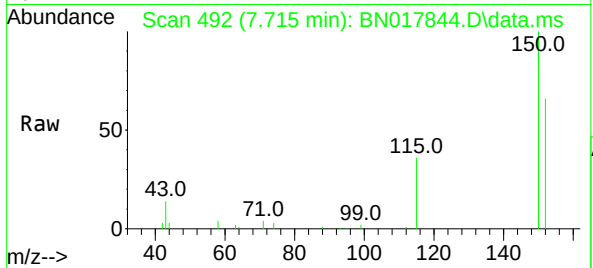
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

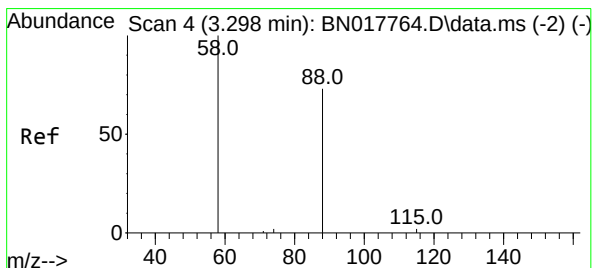
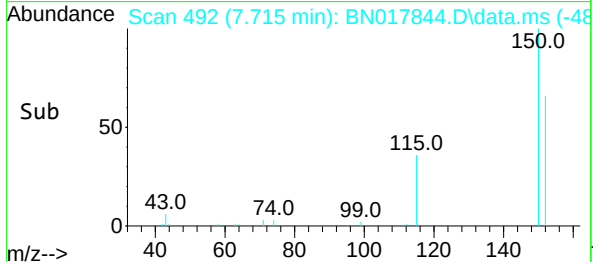
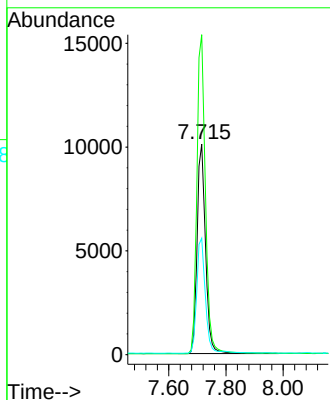
Instrument :
BNA_N
ClientSampleId :
DUP05-20211129



Tgt Ion: 152 Resp: 20599
Ion Ratio Lower Upper
152 100
150 151.9 123.0 184.4
115 55.3 45.3 67.9

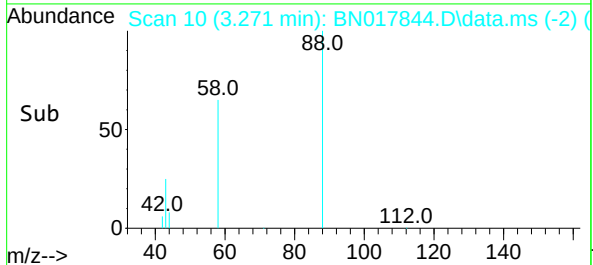
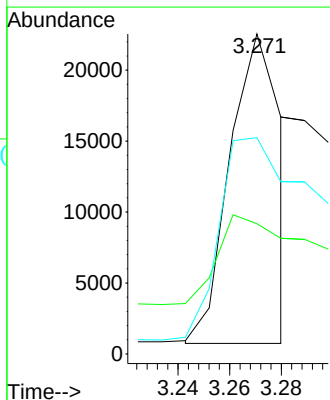
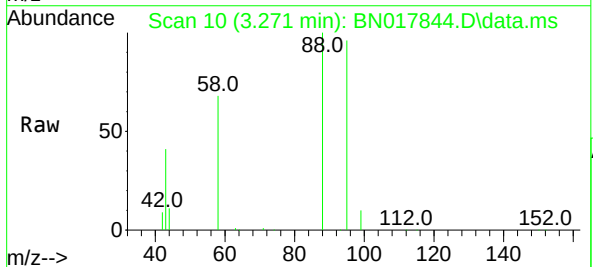
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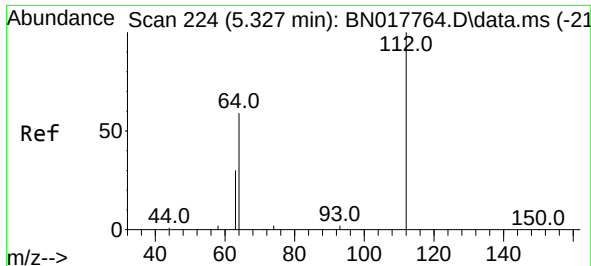
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 4.036 ng m
RT: 3.271 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

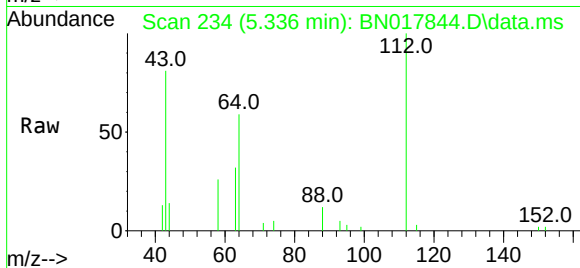
Tgt Ion: 88 Resp: 30599
Ion Ratio Lower Upper
88 100
43 63.0 0.0 0.0#
58 152.4 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

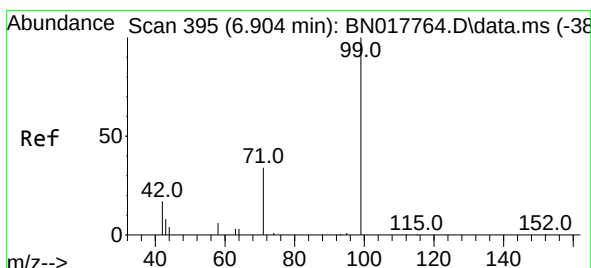
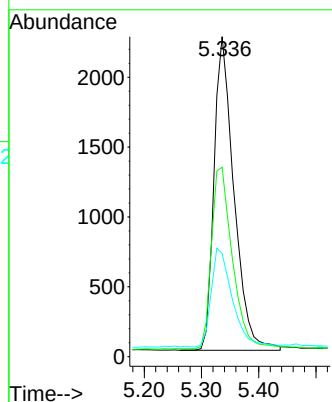
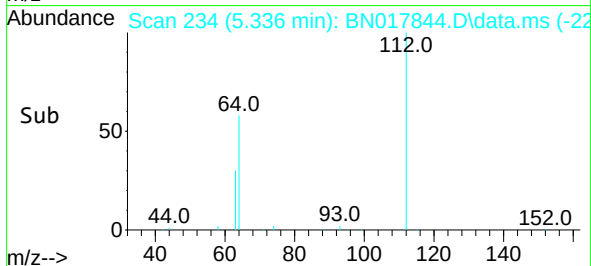
Instrument :
BNA_N
ClientSampleId :
DUP05-20211129



Tgt Ion: 112 Resp: 542
Ion Ratio Lower Upper
112 100
64 60.7 49.3 73.9
63 33.1 25.8 38.8

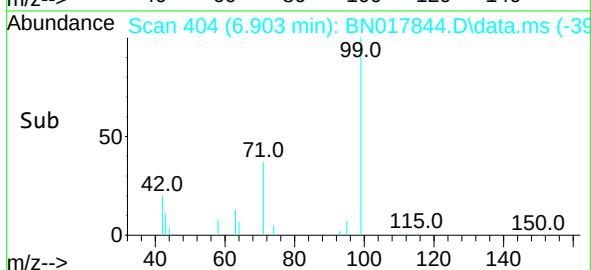
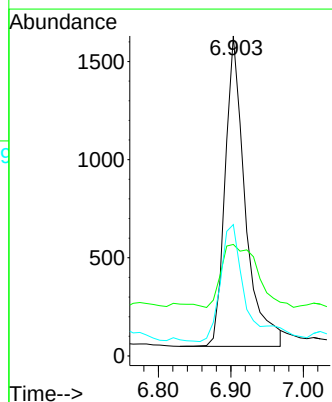
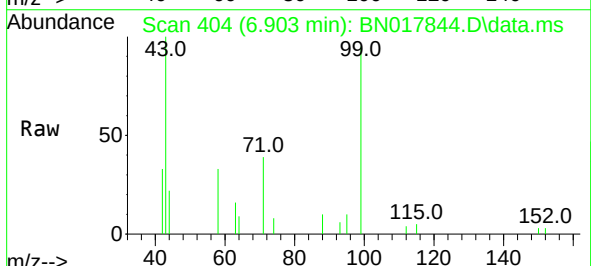
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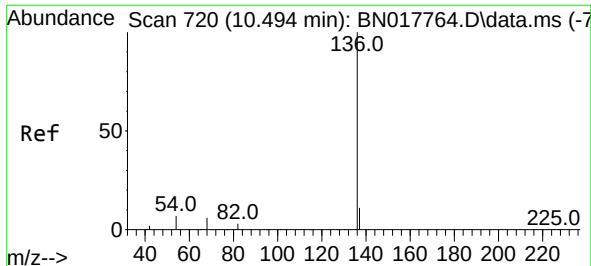
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

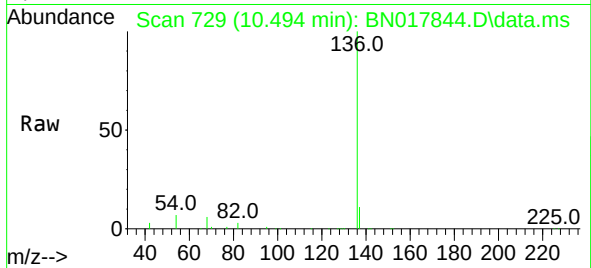
Tgt Ion: 99 Resp: 3055
Ion Ratio Lower Upper
99 100
42 35.6 16.6 25.0#
71 45.4 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

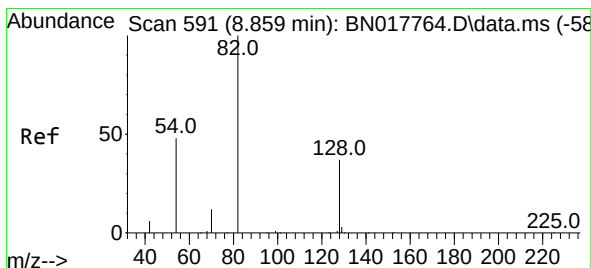
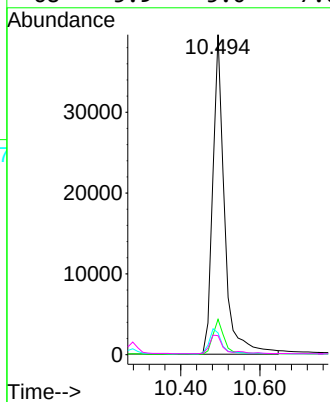
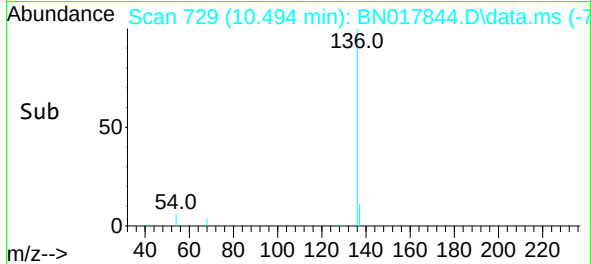
Instrument :
BNA_N
ClientSampleId :
DUP05-20211129



Tgt Ion:136 Resp: 8154
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 5.9 8.9
68 5.9 5.0 7.6

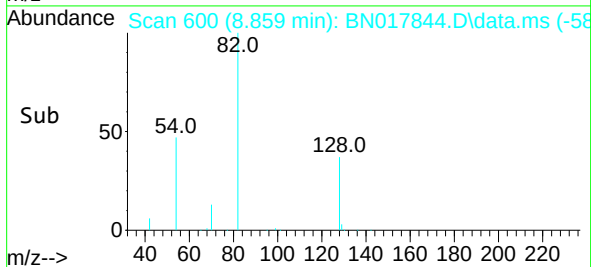
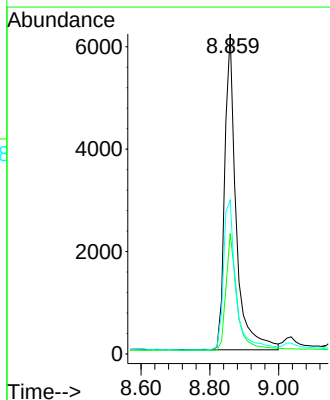
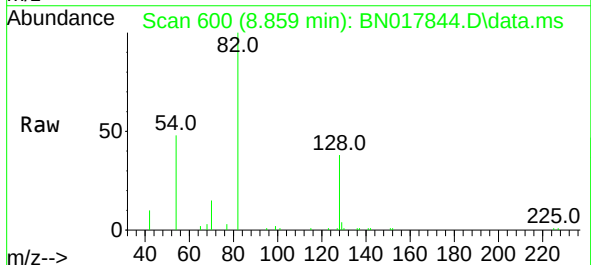
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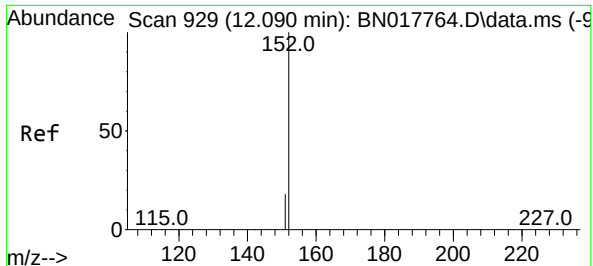
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

Tgt Ion: 82 Resp: 14321
Ion Ratio Lower Upper
82 100
128 37.7 30.2 45.2
54 48.1 39.0 58.6





#11

2-Methylnaphthalene-d10

Concen: 0.250 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

Instrument :

BNA_N

ClientSampleId :

DUP05-20211129

Tgt Ion:152 Resp: 40654

Ion Ratio Lower Upper

152 100

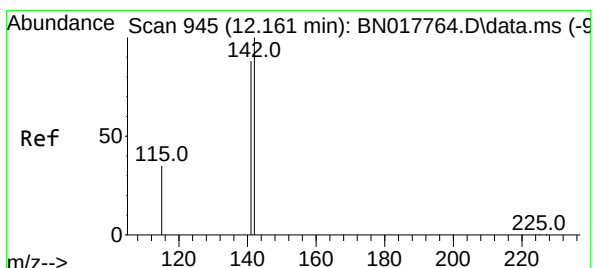
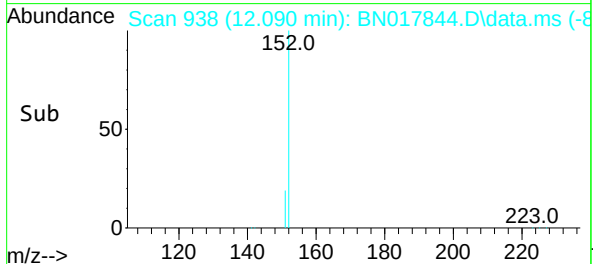
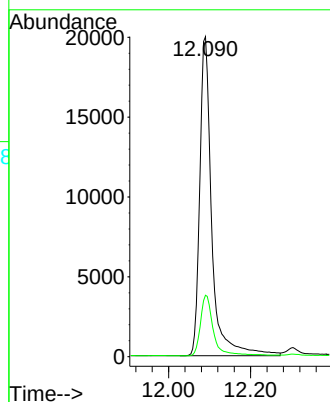
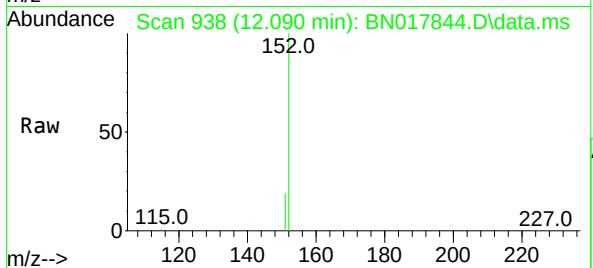
151 20.4 16.4 24.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/10/2021

Supervised By :Yogesh Patel 12/15/2021



#12

2-Methylnaphthalene

Concen: 0.039 ng

RT: 12.161 min Scan# 954

Delta R.T. -0.000 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

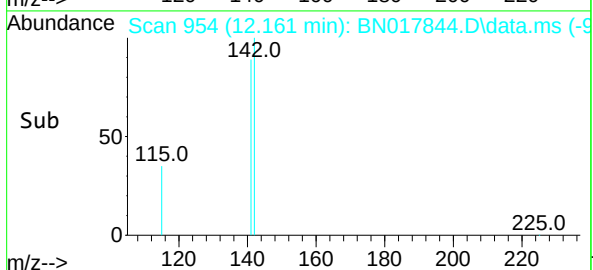
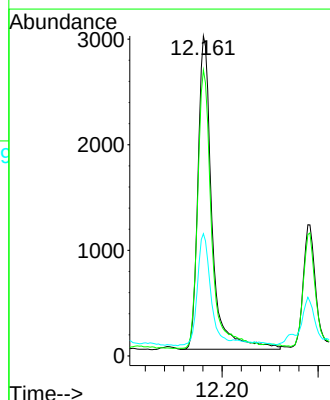
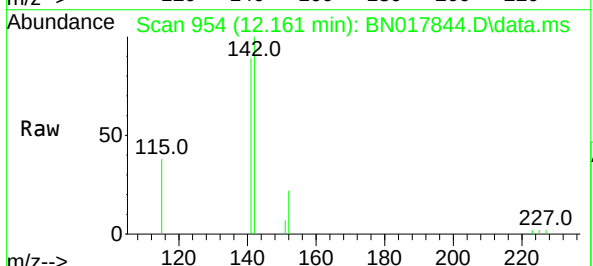
Tgt Ion:142 Resp: 6013

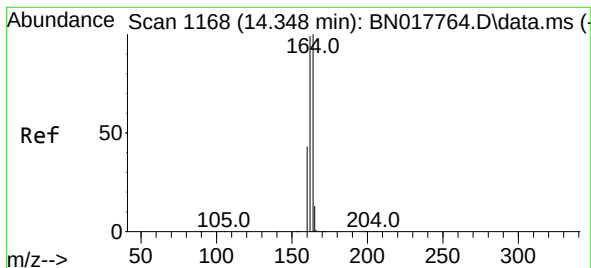
Ion Ratio Lower Upper

142 100

141 89.3 70.5 105.7

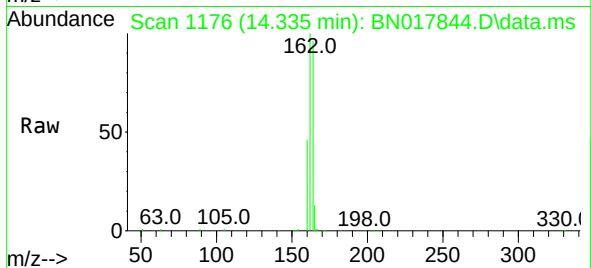
115 38.2 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

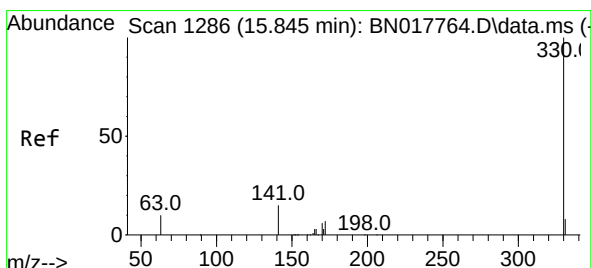
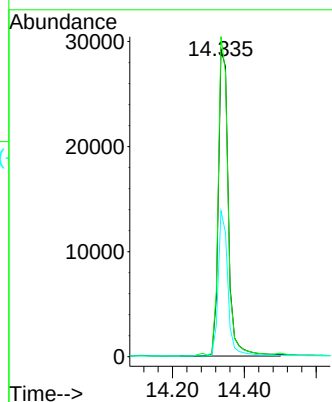
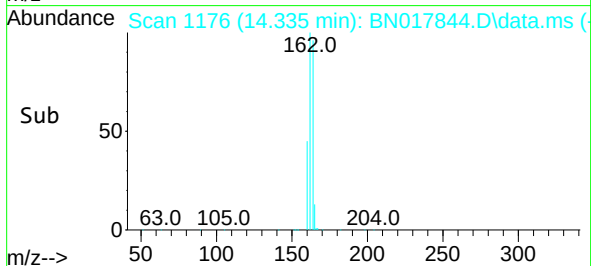
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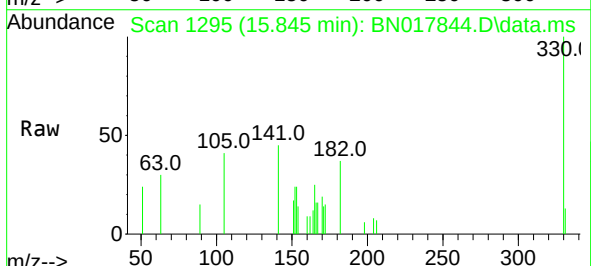
Tgt Ion:164 Resp: 56502
Ion Ratio Lower Upper
164 100
162 104.2 79.0 118.6
160 47.5 34.6 52.0

Manual Integrations
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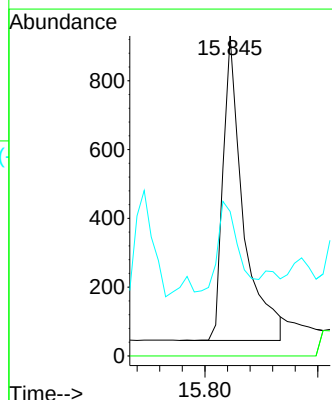
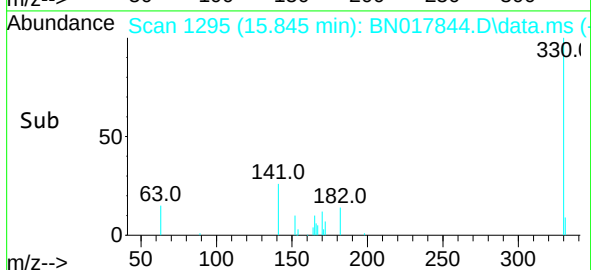
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

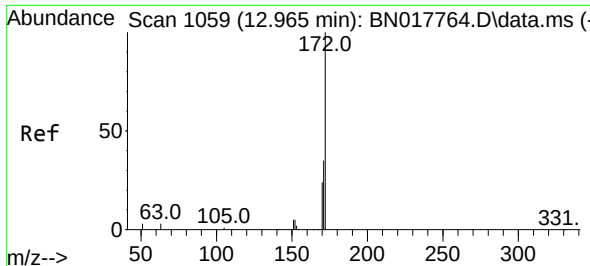


#14
2,4,6-Tribromophenol
Concen: 0.075 ng
RT: 15.845 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54



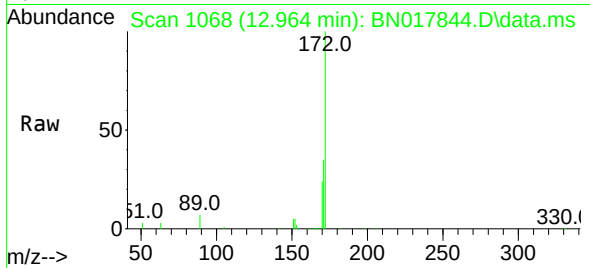
Tgt Ion:330 Resp: 2208
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

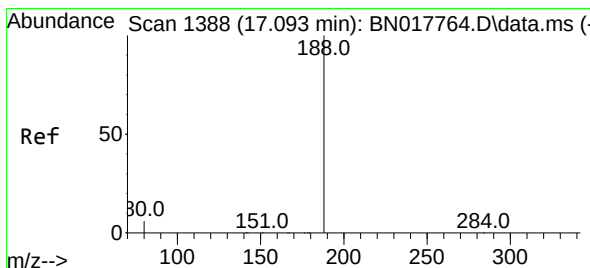
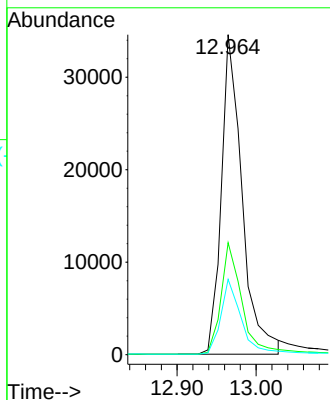
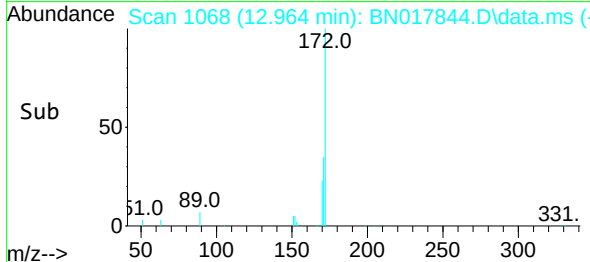
Instrument :
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ClientSampleId :
DUP05-20211129



Tgt Ion:172 Resp: 63314
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.9 28.3

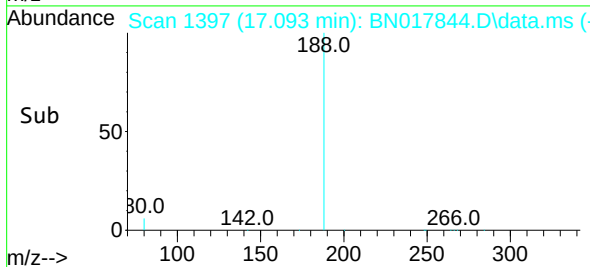
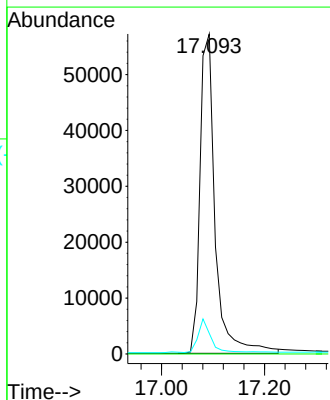
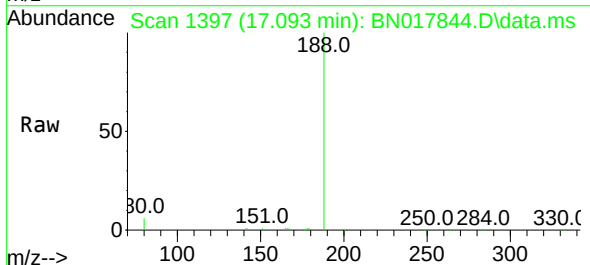
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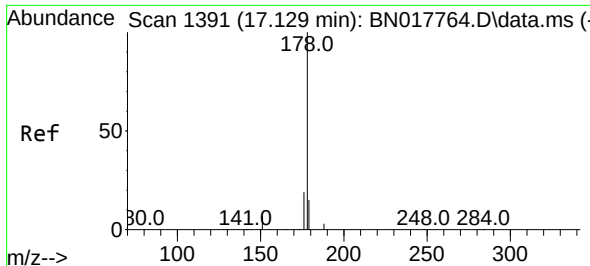
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

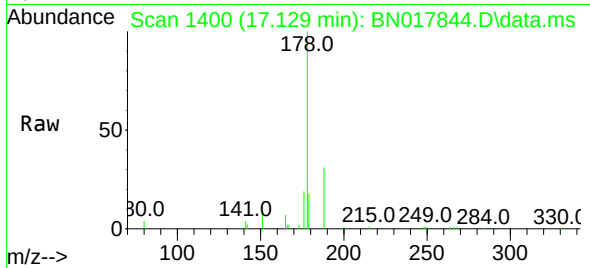
Tgt Ion:188 Resp: 117025
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.1 7.7





#25
Phenanthrene
Concen: 0.072 ng
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

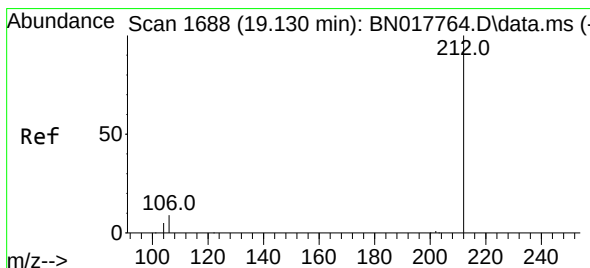
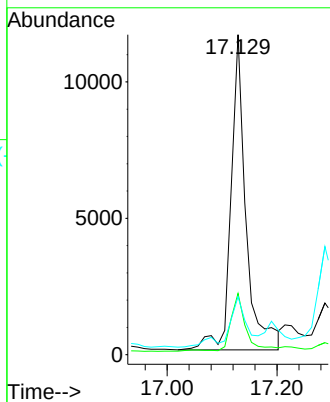
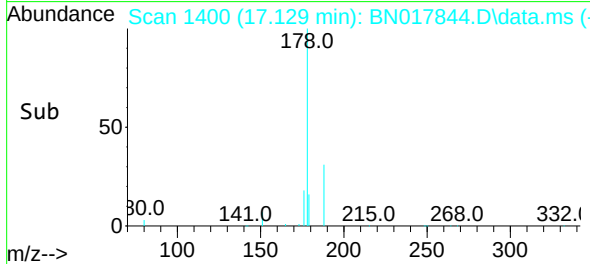
Instrument :
BNA_N
ClientSampleId :
DUP05-20211129



Tgt Ion:178 Resp: 21989
Ion Ratio Lower Upper
178 100
176 17.0 15.0 22.6
179 19.5 12.5 18.7

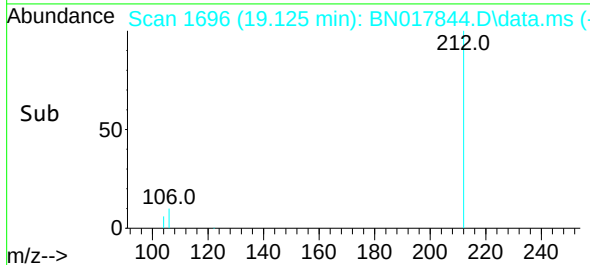
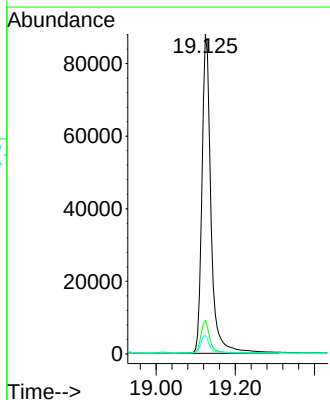
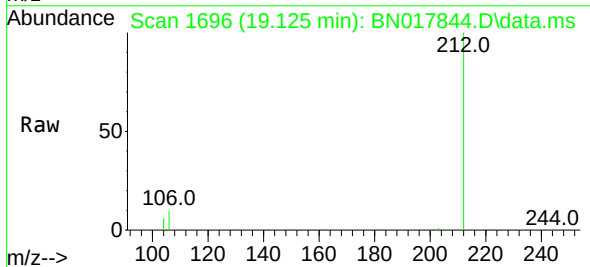
Manual Integrations
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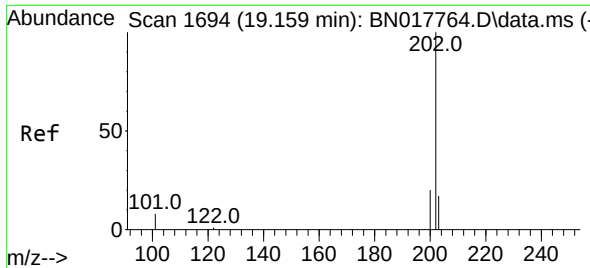
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.125 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

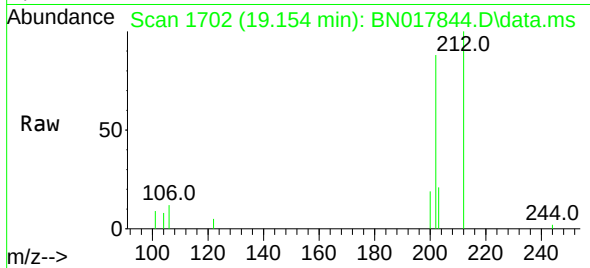
Tgt Ion:212 Resp: 139984
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.7 4.6 6.8





#28
Fluoranthene
Concen: 0.024 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

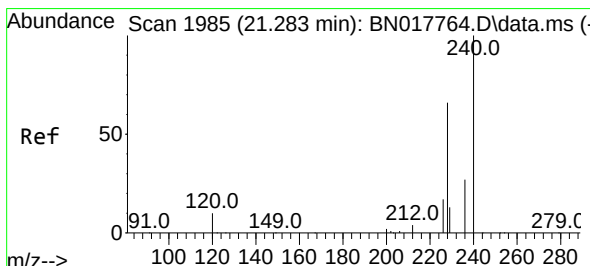
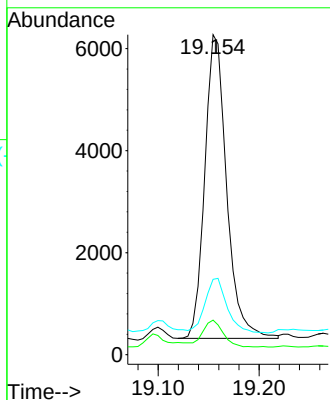
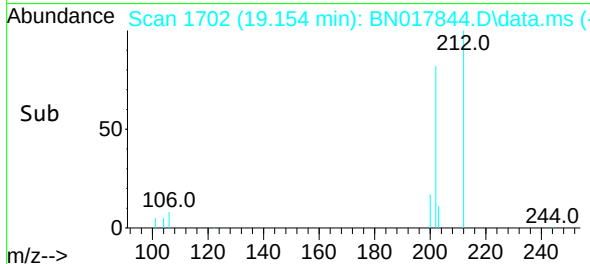
Instrument :
BNA_N
ClientSampleId :
DUP05-20211129



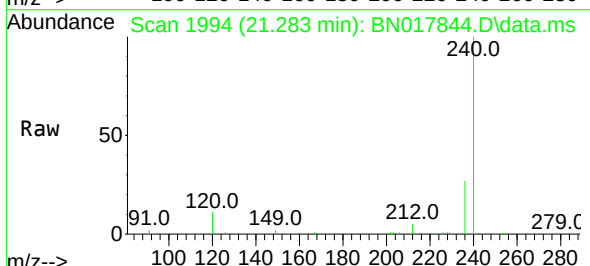
Tgt Ion:202 Resp: 8980
Ion Ratio Lower Upper
202 100
101 8.7 7.2 10.8
203 18.0 13.7 20.5

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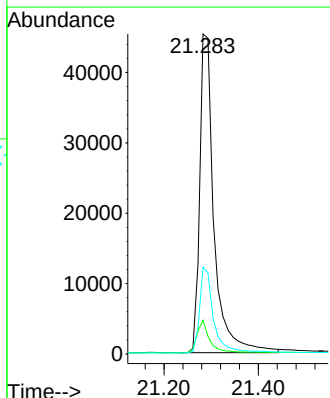
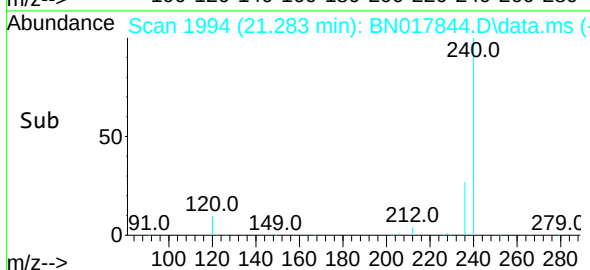
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

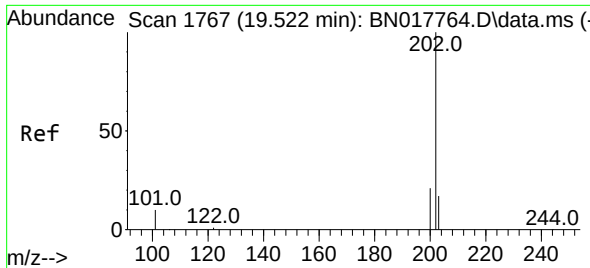


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54



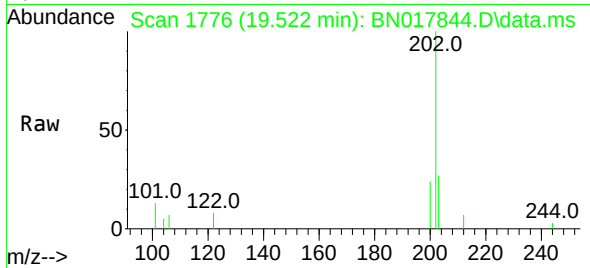
Tgt Ion:240 Resp: 95772
Ion Ratio Lower Upper
240 100
120 10.5 7.9 11.9
236 27.1 21.4 32.2





#30
Pyrene
Concen: 0.022 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

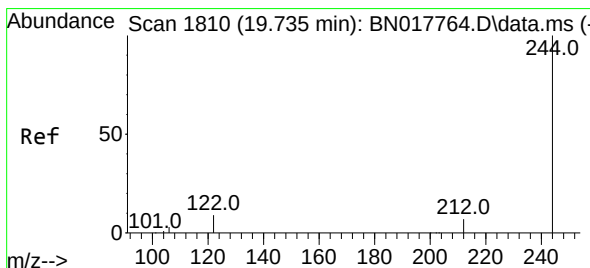
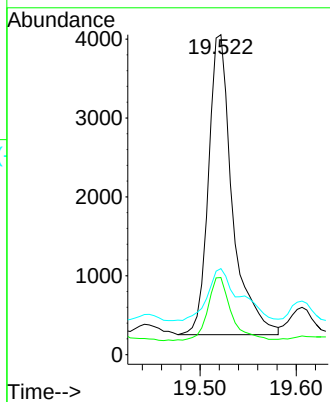
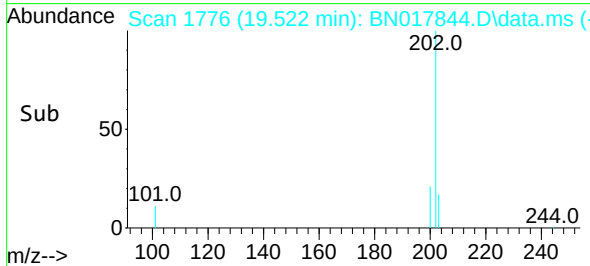
Instrument :
BNA_N
ClientSampleId :
DUP05-20211129



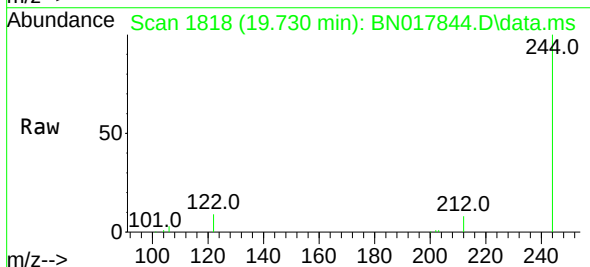
Tgt Ion:202 Resp: 6548
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 23.0 14.0 21.0

Manual Integrations
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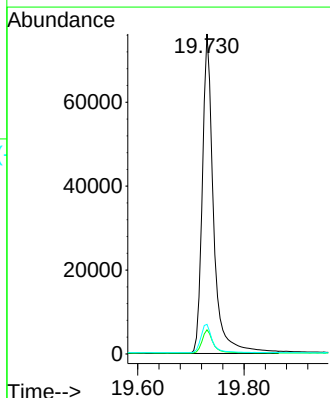
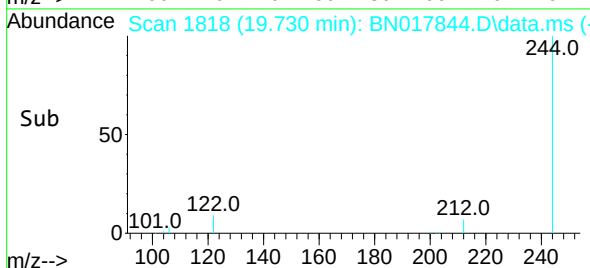
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

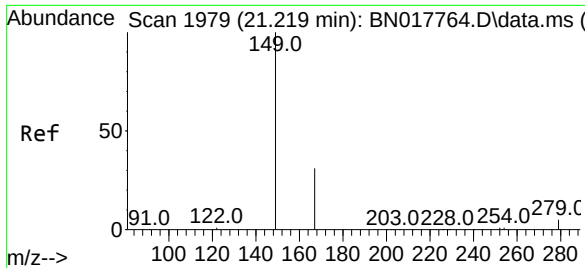


#31
Terphenyl-d14
Concen: 0.545 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54



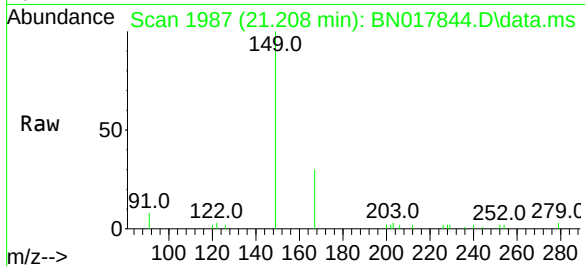
Tgt Ion:244 Resp: 112142
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.2 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.208 min Scan# 1979
Delta R.T. -0.011 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

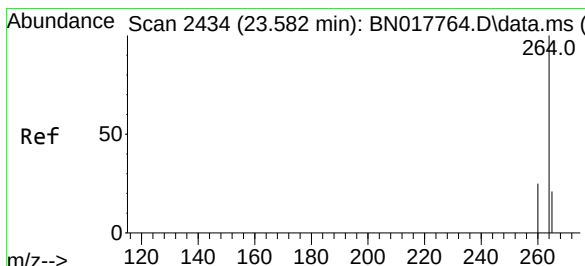
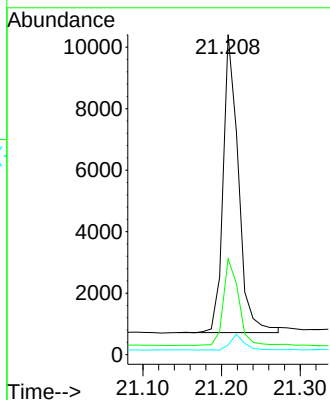
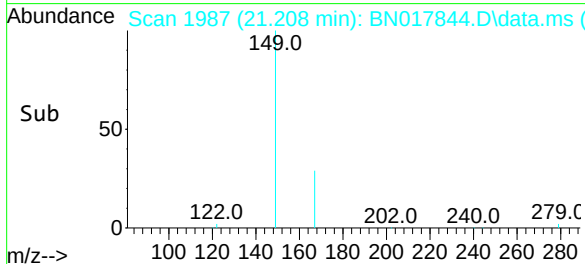
Instrument :
BNA_N
ClientSampleId :
DUP05-20211129



Tgt Ion:149 Resp: 13068
Ion Ratio Lower Upper
149 100
167 28.9 23.5 35.3
279 4.8 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2444
Delta R.T. 0.003 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

Tgt Ion:264 Resp: 66402
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 23.3 20.5 30.7

