

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017837.D
 Acq On : 09 Dec 2021 16:41
 Operator : CG/JU
 Sample : M4924-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20211202

Quant Time: Dec 10 06:47:34 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 12/10/2021
 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	19341	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	75134	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	49608	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	100469	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	80270	0.400	ng	# 0.01
35) Perylene-d12	23.596	264	54210	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6542	0.140	ng	0.00
5) Phenol-d6	6.912	99	3188	0.072	ng	0.00
8) Nitrobenzene-d5	8.859	82	14756	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	42350	0.283	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3330	0.128	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	63424	0.349	ng	0.01
27) Fluoranthene-d10	19.129	212	126548	0.377	ng	0.00
31) Terphenyl-d14	19.735	244	104702	0.607	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	11469m	1.611	ng	Qvalue
25) Phenanthrene	17.129	178	6592	0.025	ng	97
28) Fluoranthene	19.159	202	7774	0.024	ng	# 97
30) Pyrene	19.521	202	7482	0.029	ng	100
33) Chrysene	21.325	228	6356	0.025	ng	96
34) Bis(2-ethylhexyl)phtha...	21.219	149	11421	0.102	ng	99
37) Benzo(b)fluoranthene	22.904	252	4257	0.023	ng	# 69

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

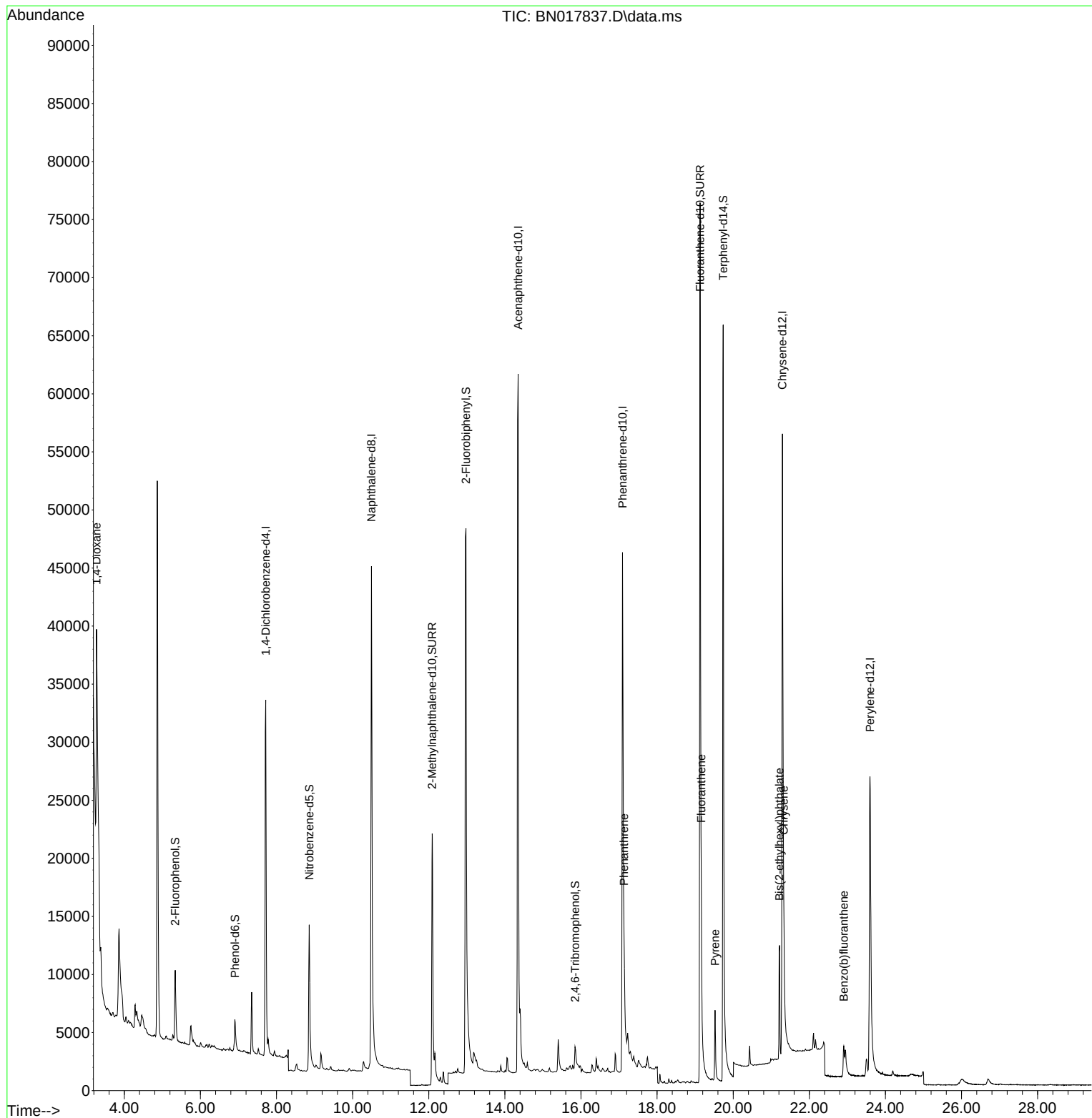
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Data File : BN017837.D
Acq On : 09 Dec 2021 16:41
Operator : CG/JU
Sample : M4924-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

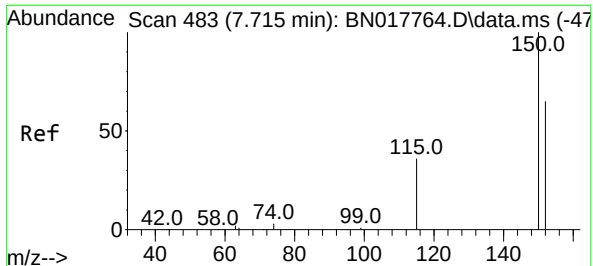
Instrument :
BNA_N
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RE134D4-20211202

Quant Time: Dec 10 06:47:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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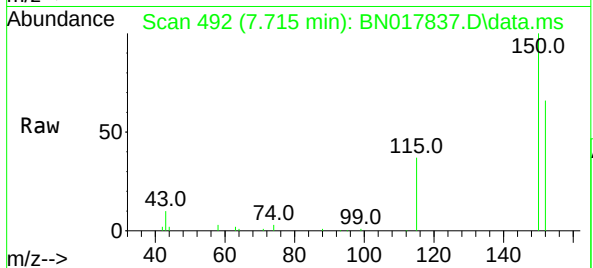
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Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

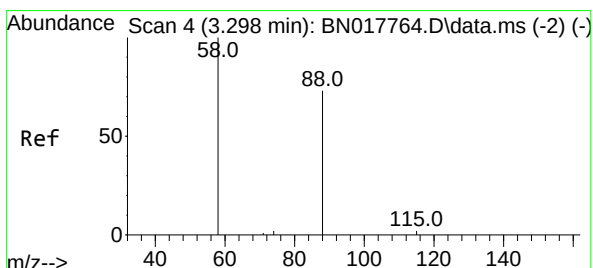
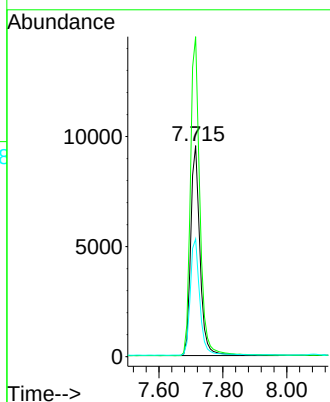
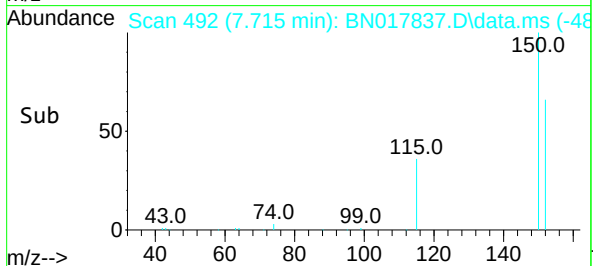
Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202



Tgt Ion: 152 Resp: 1934
Ion Ratio Lower Upper
152 100
150 151.6 123.0 184.4
115 55.8 45.3 67.9

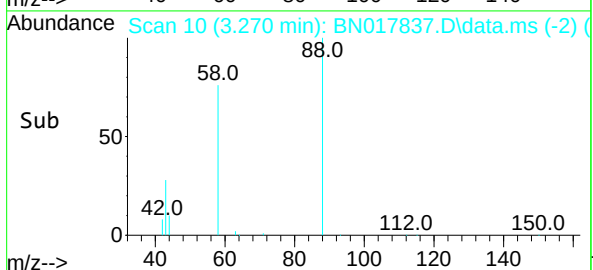
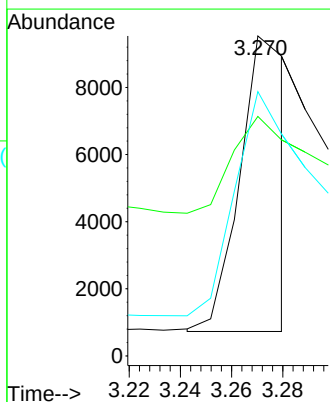
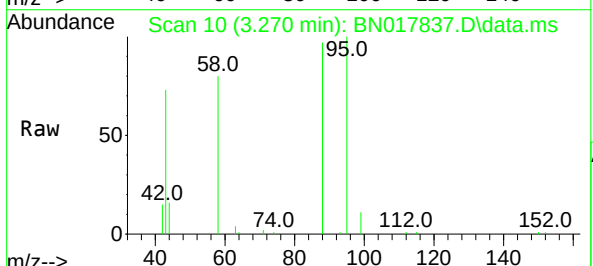
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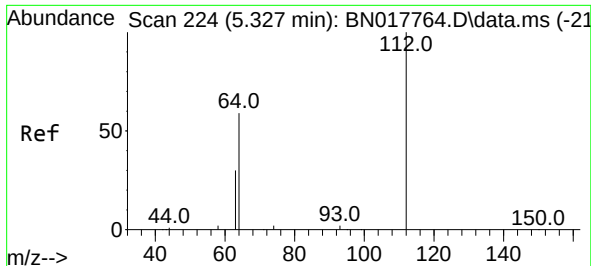
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Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 1.611 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

Tgt Ion: 88 Resp: 11469
Ion Ratio Lower Upper
88 100
43 61.8 0.0 0.0#
58 153.1 0.0 0.0#





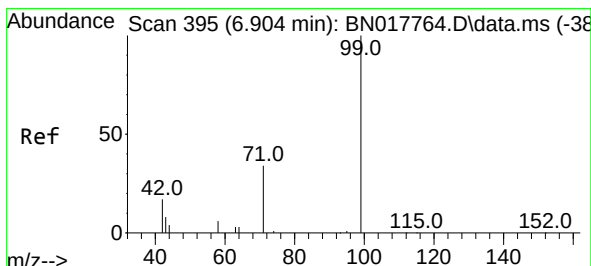
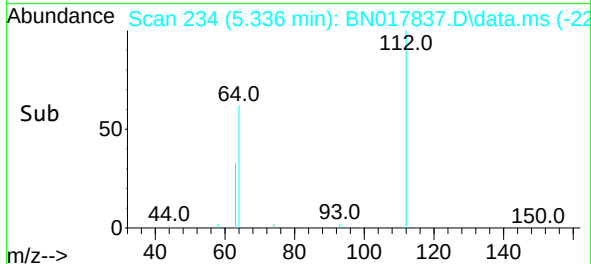
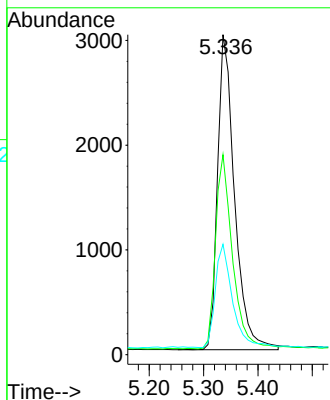
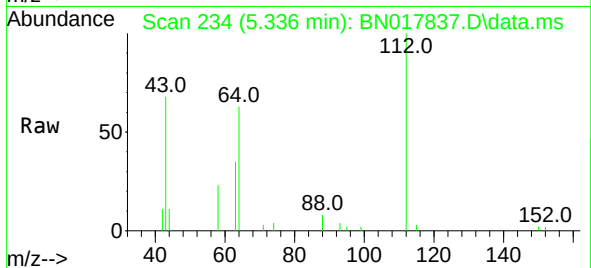
#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202

Tgt Ion:112 Resp: 654
Ion Ratio Lower Upper
112 100
64 61.5 49.3 73.9
63 33.0 25.8 38.8

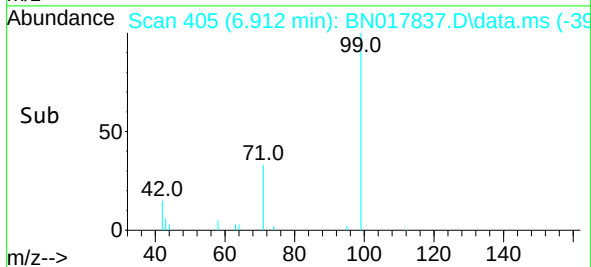
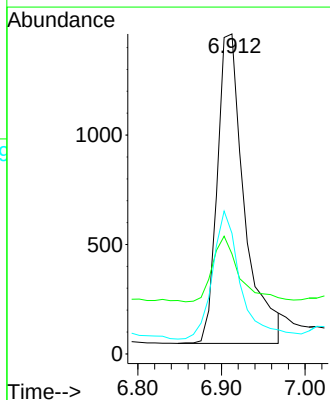
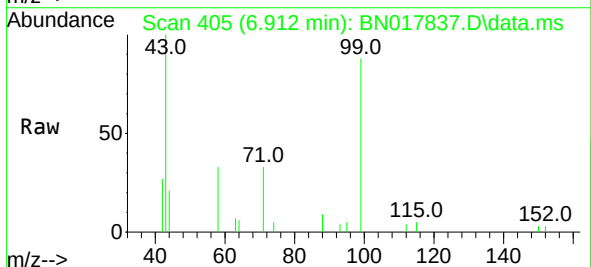
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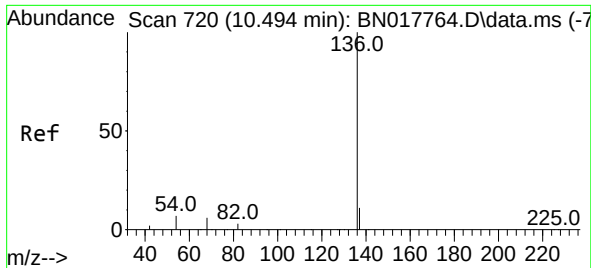
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Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.912 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

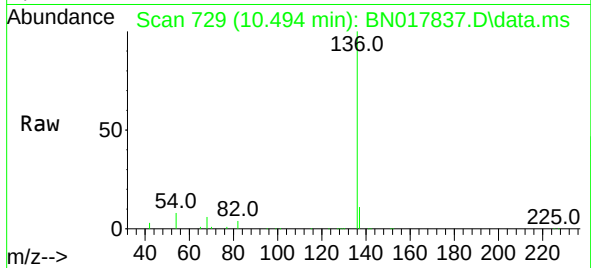
Tgt Ion: 99 Resp: 3188
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 41.8 29.0 43.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

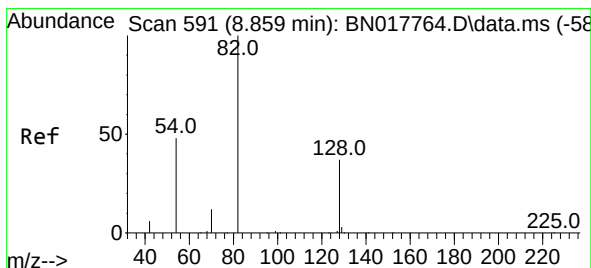
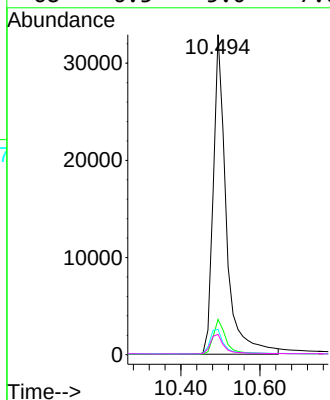
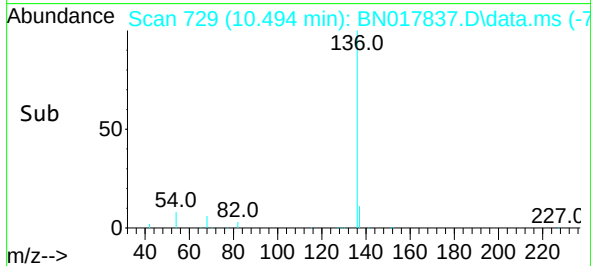
Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202



Tgt Ion:136 Resp: 75134
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 5.9 8.9
68 6.3 5.0 7.6

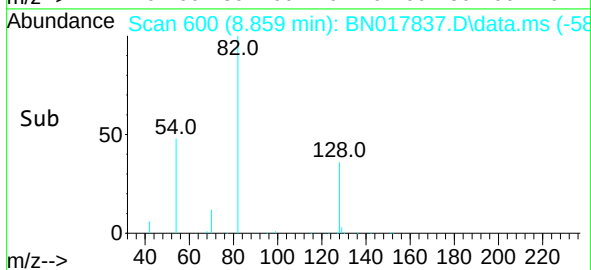
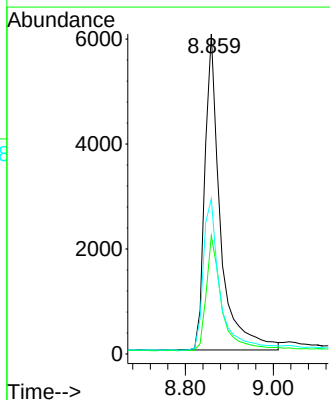
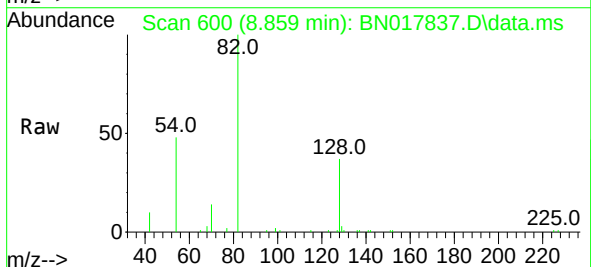
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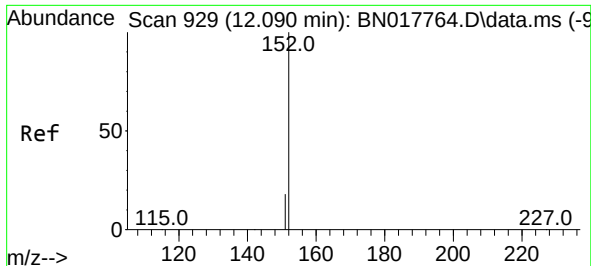
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

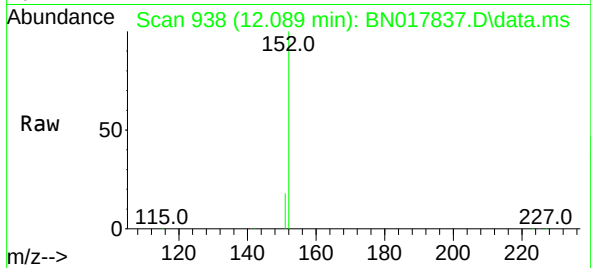
Tgt Ion: 82 Resp: 14756
Ion Ratio Lower Upper
82 100
128 36.9 30.2 45.2
54 48.5 39.0 58.6





#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

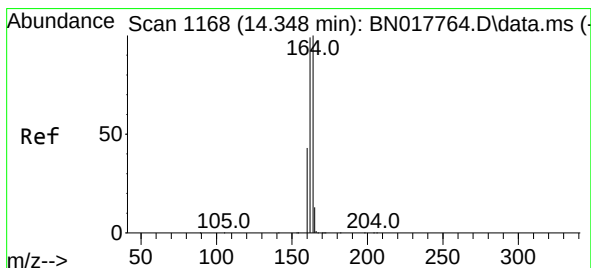
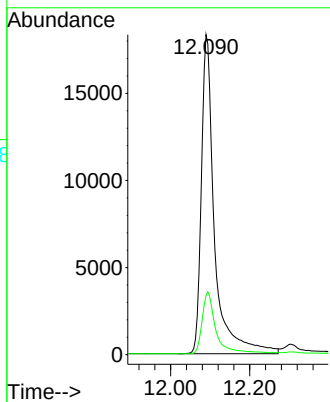
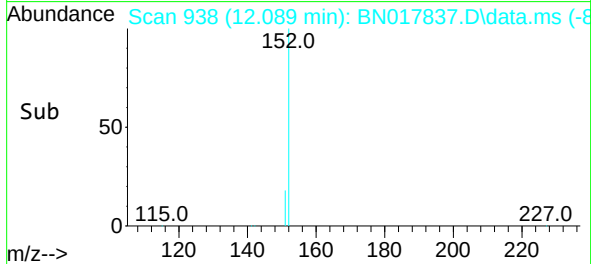
Instrument :
BNA_N
ClientSampleId :
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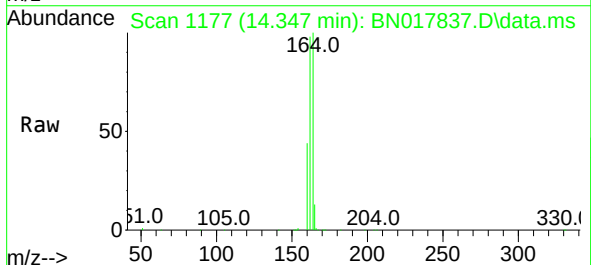
Tgt Ion:152 Resp: 42350
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6

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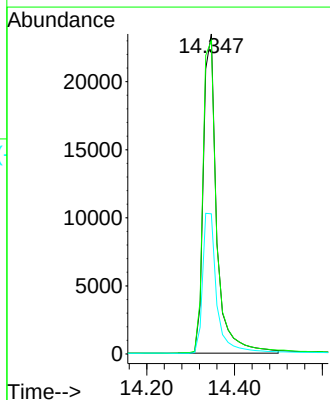
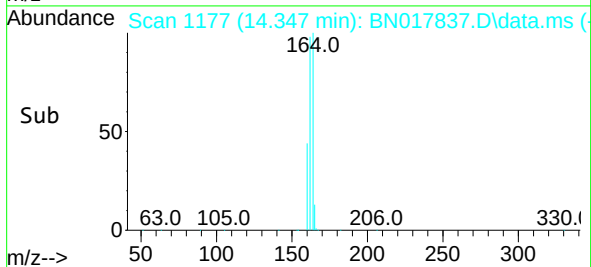
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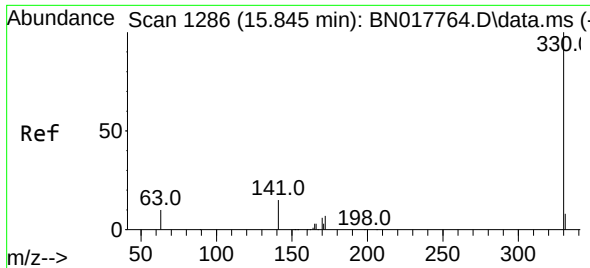


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41



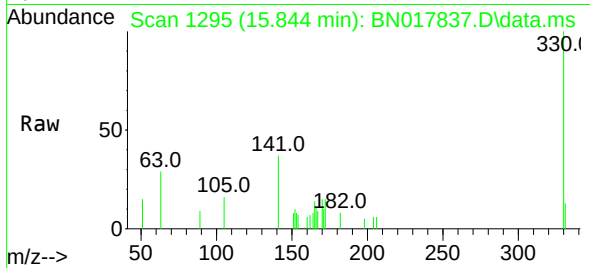
Tgt Ion:164 Resp: 49608
Ion Ratio Lower Upper
164 100
162 97.9 79.0 118.6
160 43.8 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 15.844 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

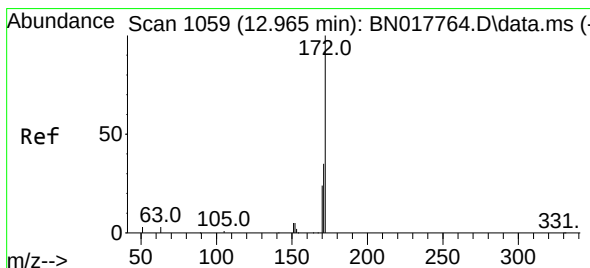
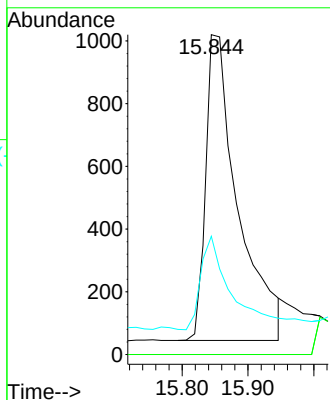
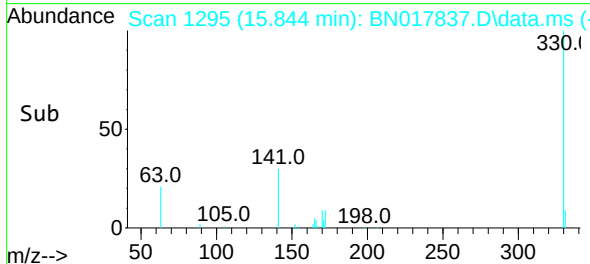
Instrument :
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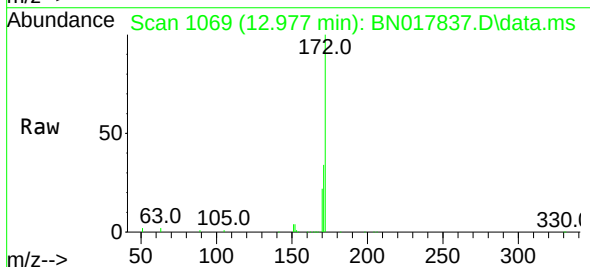
Tgt Ion:330 Resp: 3330
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.4 21.5 32.3

Manual Integrations
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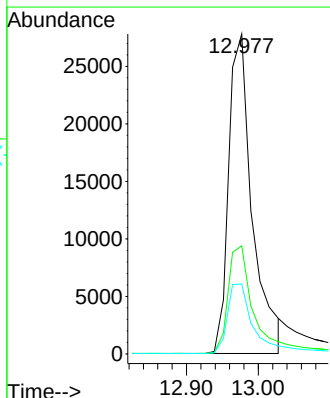
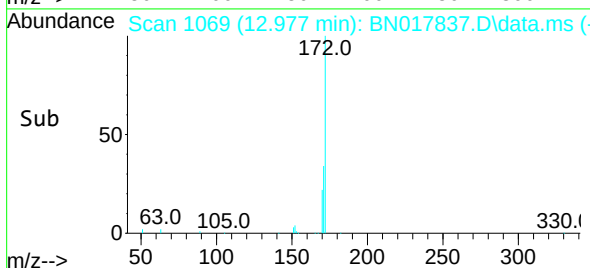
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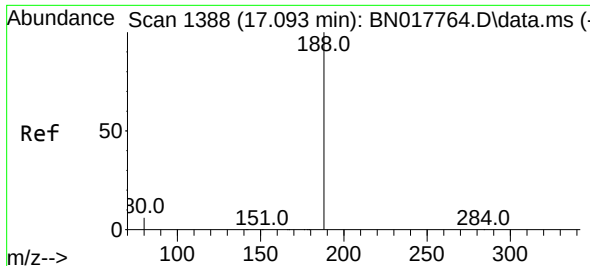


#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41



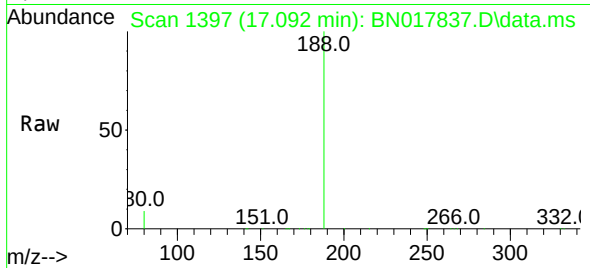
Tgt Ion:172 Resp: 63424
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 21.8 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

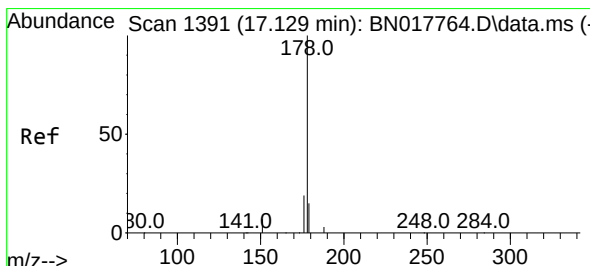
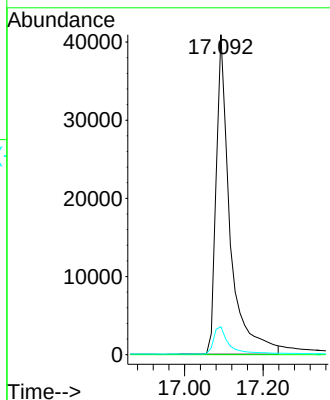
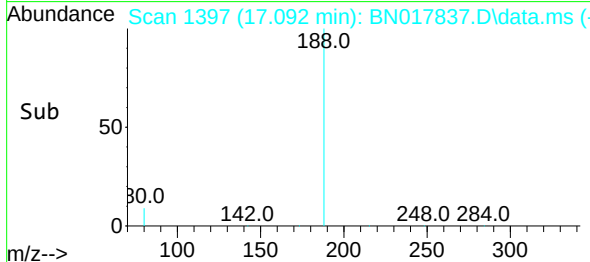
Instrument :
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RE134D4-20211202



Tgt Ion:188 Resp: 100469
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 8.7 5.1 7.7

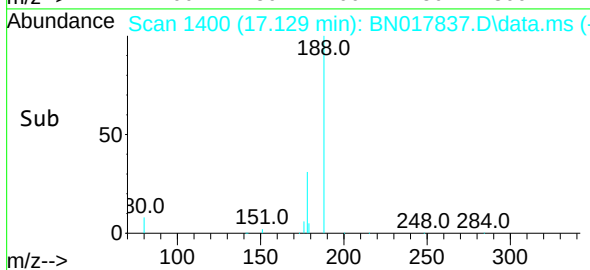
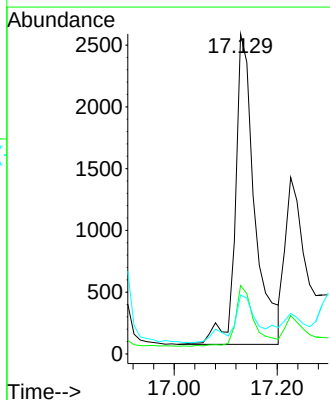
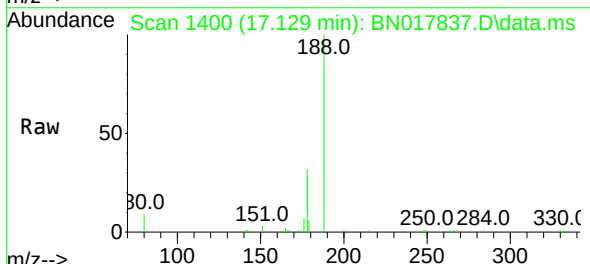
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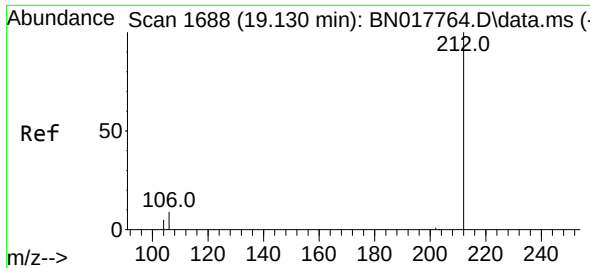
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#25
Phenanthrene
Concen: 0.025 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

Tgt Ion:178 Resp: 6592
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 18.3 12.5 18.7





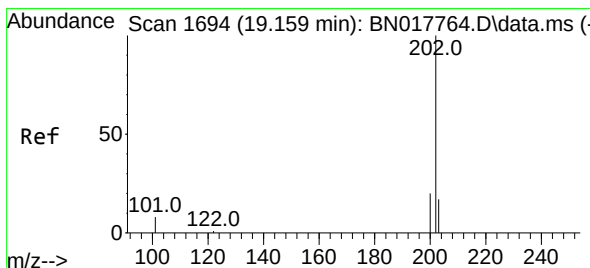
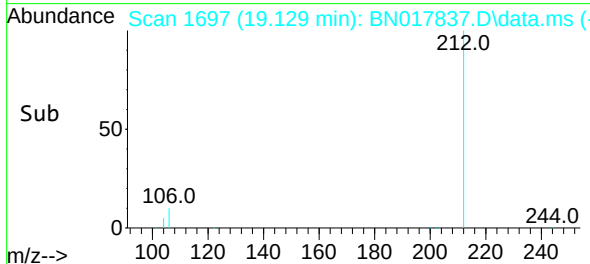
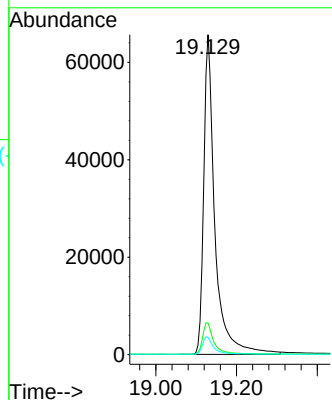
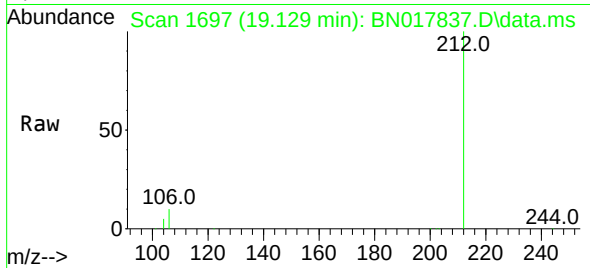
#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.129 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202

Tgt Ion:212 Resp: 126548
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.2
104 5.7 4.6 6.8

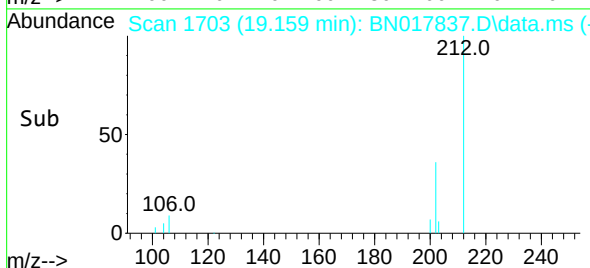
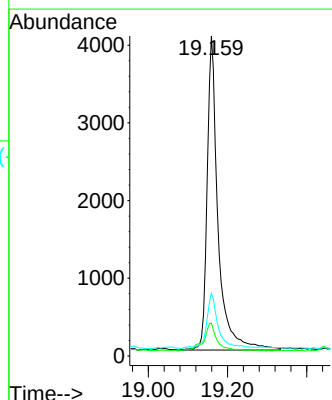
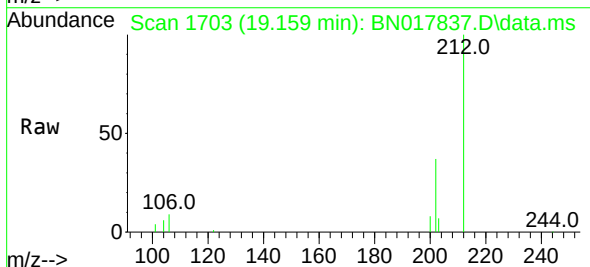
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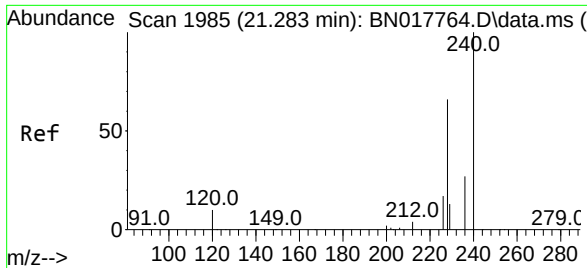
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.159 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

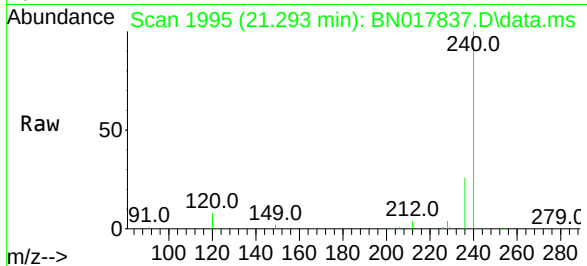
Tgt Ion:202 Resp: 7774
Ion Ratio Lower Upper
202 100
101 11.2 7.2 10.8#
203 17.6 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

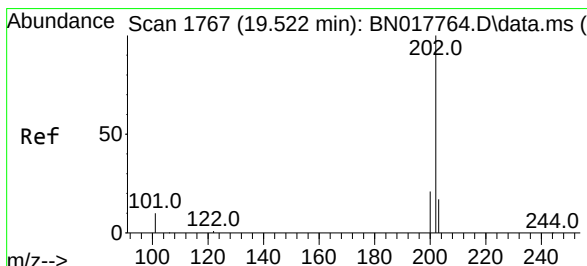
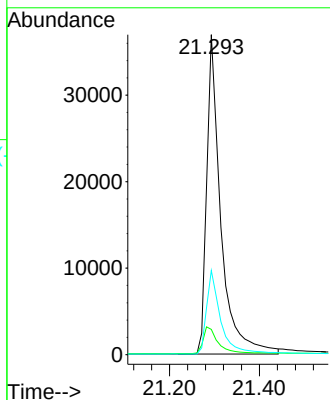
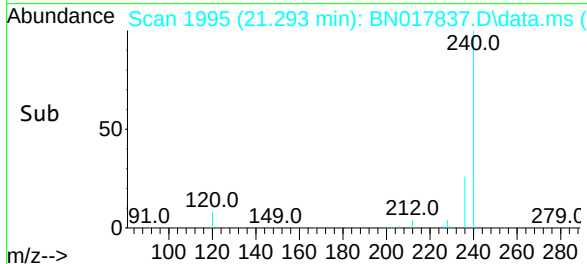
Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202



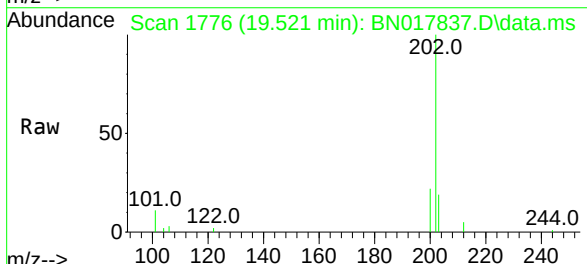
Tgt Ion:240 Resp: 80270
Ion Ratio Lower Upper
240 100
120 7.9 7.9 11.9
236 26.3 21.4 32.2

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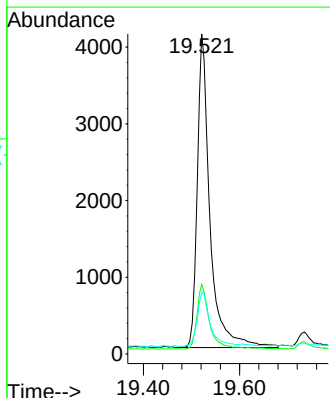
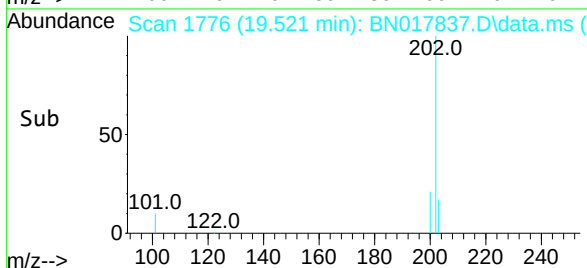
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

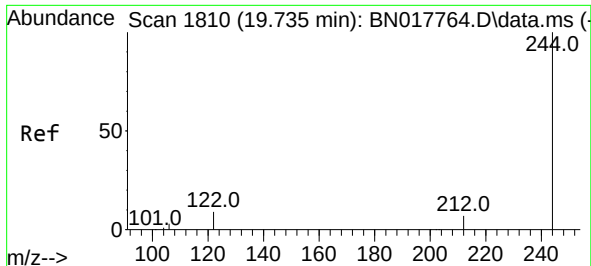


#30
Pyrene
Concen: 0.029 ng
RT: 19.521 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41



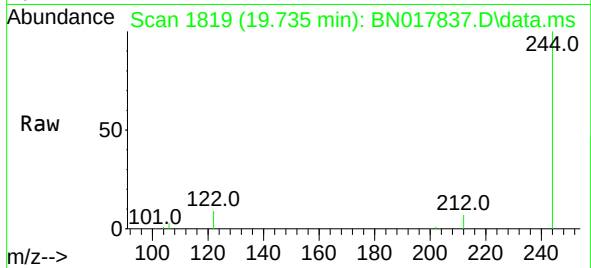
Tgt Ion:202 Resp: 7482
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.4 14.0 21.0





#31
Terphenyl-d14
Concen: 0.607 ng
RT: 19.735 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

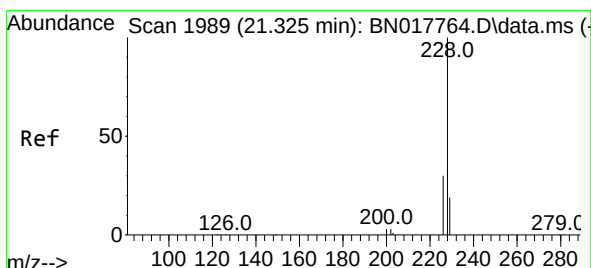
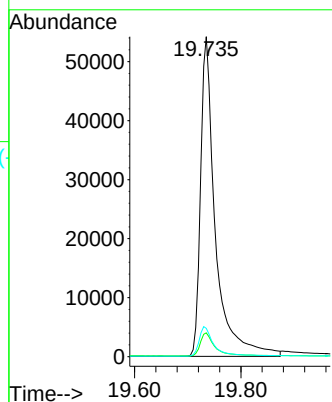
Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202



Tgt Ion:244 Resp: 10470
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 8.9 7.1 10.7

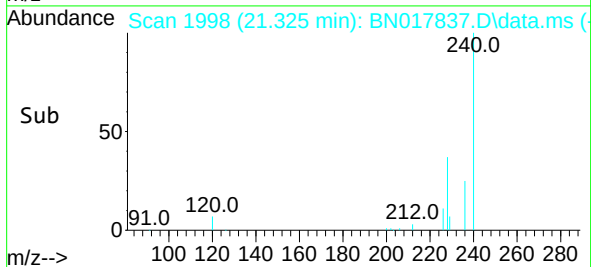
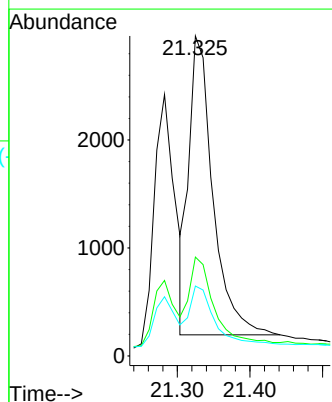
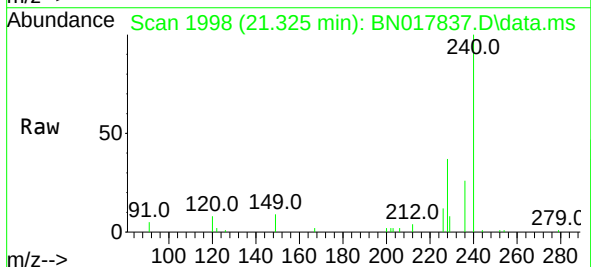
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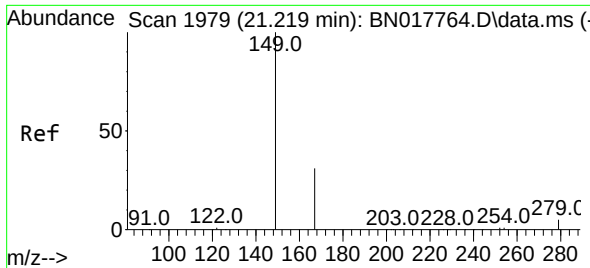
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#33
Chrysene
Concen: 0.025 ng
RT: 21.325 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

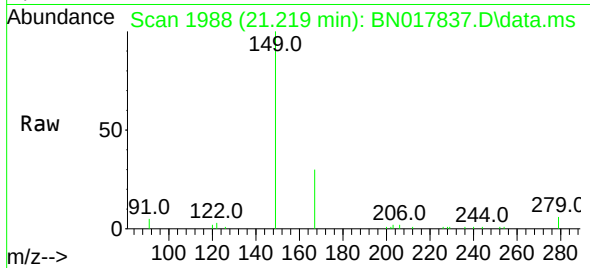
Tgt Ion:228 Resp: 6356
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 21.9 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

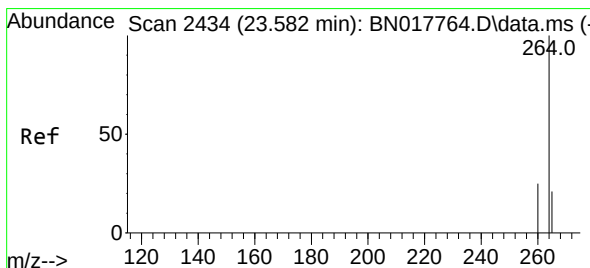
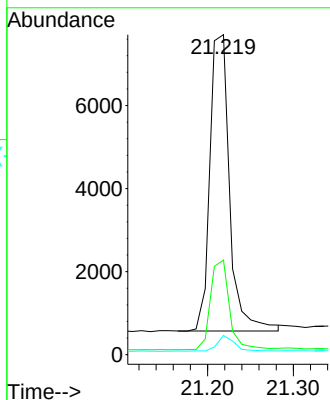
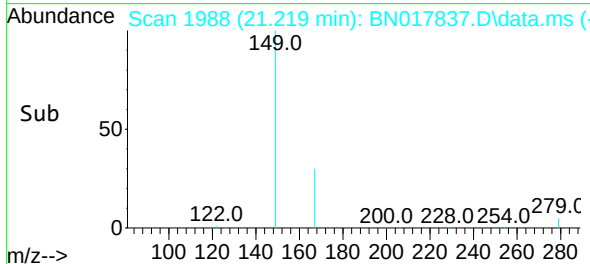
Instrument :
BNA_N
ClientSampleId :
RE134D4-20211202



Tgt Ion:149 Resp: 1142
Ion Ratio Lower Upper
149 100
167 28.9 23.5 35.3
279 4.6 3.8 5.6

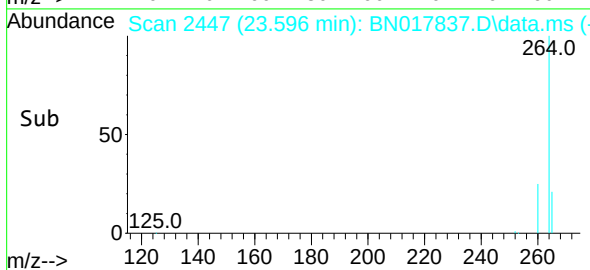
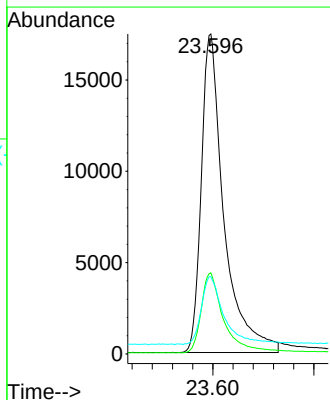
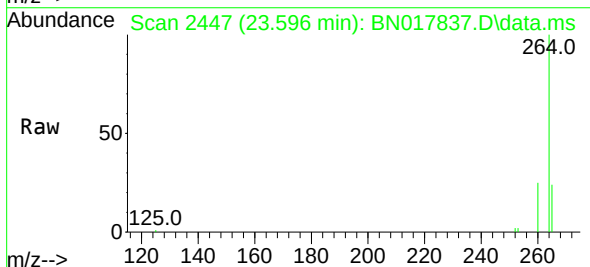
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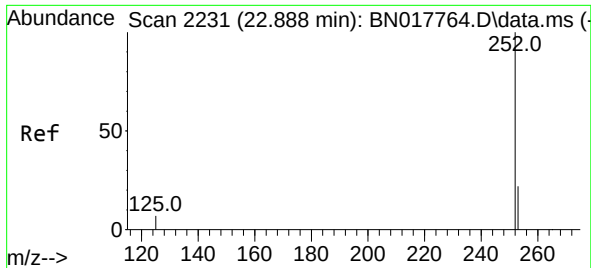
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.596 min Scan# 2447
Delta R.T. 0.013 min
Lab File: BN017837.D
Acq: 09 Dec 2021 16:41

Tgt Ion:264 Resp: 54210
Ion Ratio Lower Upper
264 100
260 25.4 20.0 30.0
265 24.1 20.5 30.7





#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 22.904 min Scan# 21

Delta R.T. 0.017 min

Lab File: BN017837.D

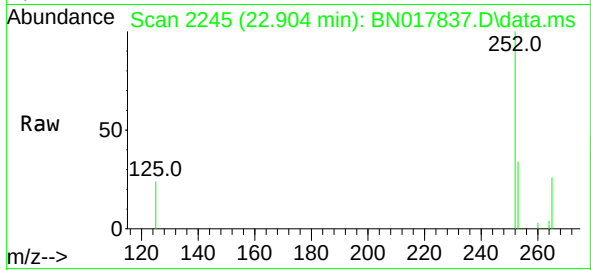
Acq: 09 Dec 2021 16:41

Instrument :

BNA_N

ClientSampleId :

RE134D4-20211202



Tgt Ion:252 Resp: 425

Ion Ratio Lower Upper

252 100

253 34.2 17.7 26.5

125 24.3 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021

Supervised By :Yogesh Patel 12/15/2021

