

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017867.D
 Acq On : 10 Dec 2021 12:31
 Operator : CG/JU
 Sample : M4923-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20211130

Quant Time: Dec 11 00:35:38 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	18888	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	78071	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	50749	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	105846	0.400	ng	0.00
29) Chrysene-d12	21.293	240	82342	0.400	ng	# 0.01
35) Perylene-d12	23.585	264	37186	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5008	0.110	ng	0.00
5) Phenol-d6	6.903	99	2961	0.069	ng	0.00
8) Nitrobenzene-d5	8.859	82	15328	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	37619	0.242	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4464	0.168	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	57988	0.312	ng	0.00
27) Fluoranthene-d10	19.124	212	131350	0.371	ng	0.00
31) Terphenyl-d14	19.730	244	110771	0.626	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	36954m	5.315	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.143	93	2312	0.047	ng	94
25) Phenanthrene	17.129	178	8847m	0.032	ng	
28) Fluoranthene	19.154	202	7122	0.021	ng	97
34) Bis(2-ethylhexyl)phtha...	21.208	149	14115	0.123	ng	99

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

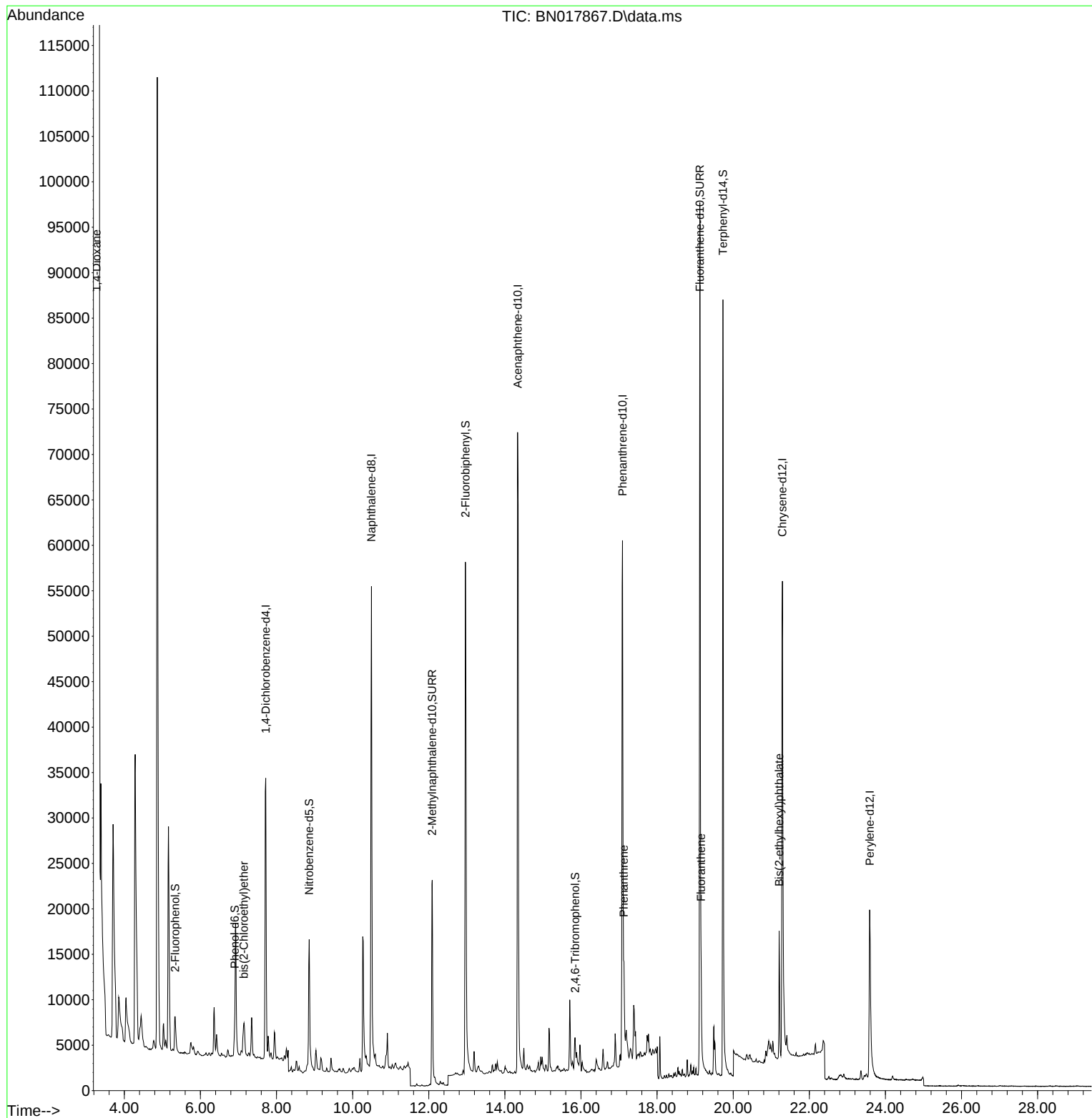
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017867.D
Acq On : 10 Dec 2021 12:31
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ALS Vial : 33 Sample Multiplier: 1

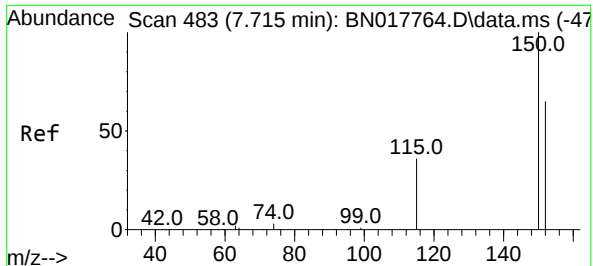
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RE115D2-20211130

Quant Time: Dec 11 00:35:38 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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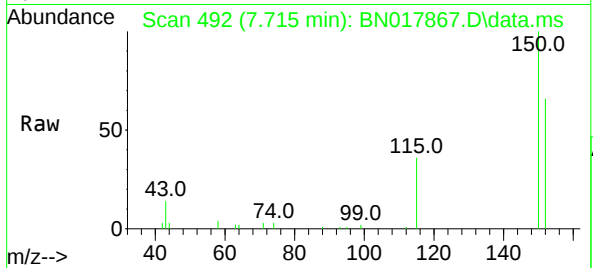
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017867.D
 Acq: 10 Dec 2021 12:31

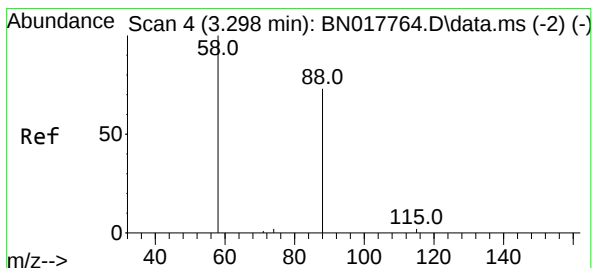
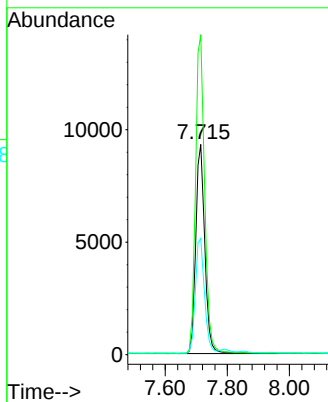
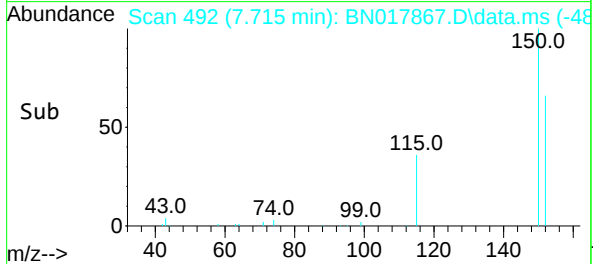
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20211130



Tgt Ion: 152 Resp: 1888
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.0 184.4
 115 55.2 45.3 67.9

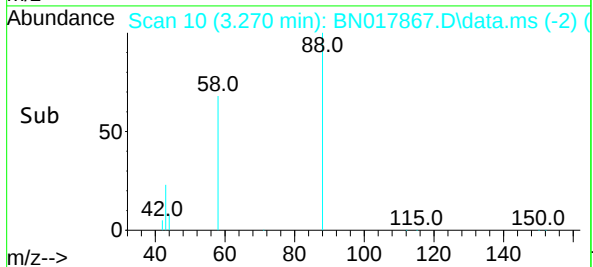
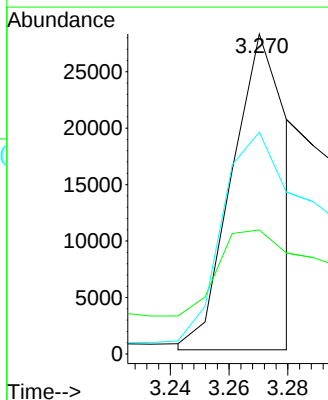
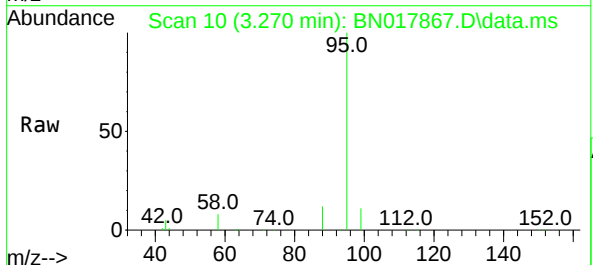
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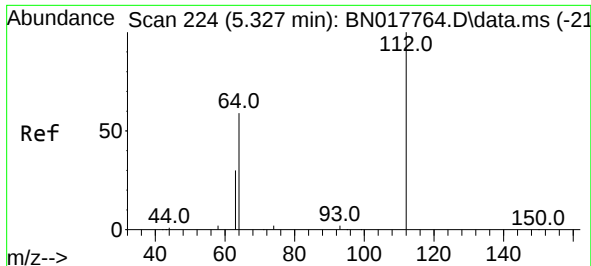
Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021



#2
 1,4-Dioxane
 Concen: 5.315 ng m
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017867.D
 Acq: 10 Dec 2021 12:31

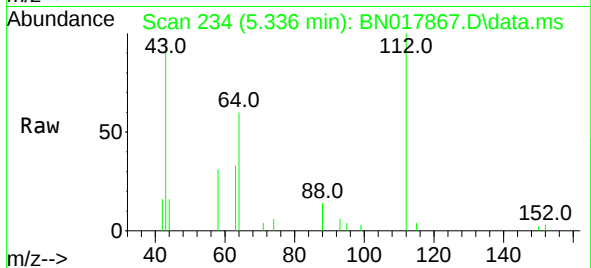
Tgt Ion: 88 Resp: 36954
 Ion Ratio Lower Upper
 88 100
 43 61.2 0.0 0.0#
 58 146.0 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

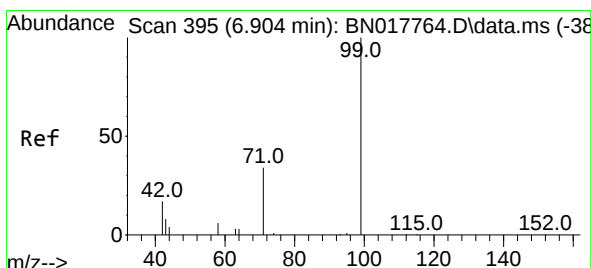
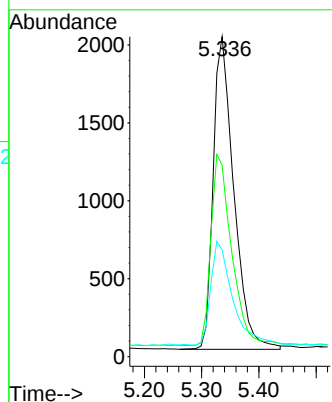
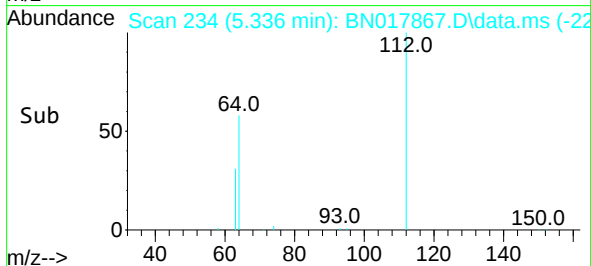
Instrument :
BNA_N
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Tgt Ion: 112 Resp: 5008
Ion Ratio Lower Upper
112 100
64 61.5 49.3 73.9
63 34.9 25.8 38.8

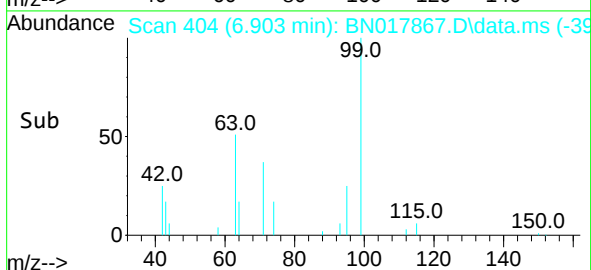
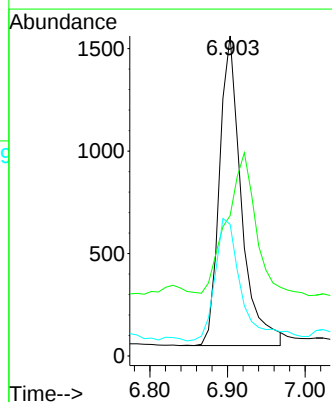
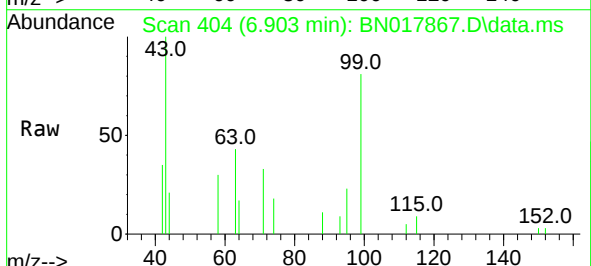
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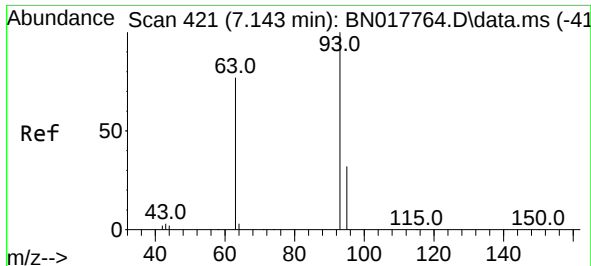
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

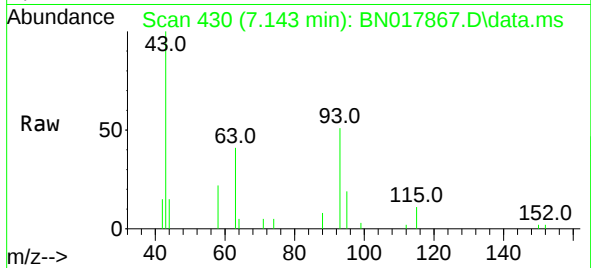
Tgt Ion: 99 Resp: 2961
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 46.5 29.0 43.4#





#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

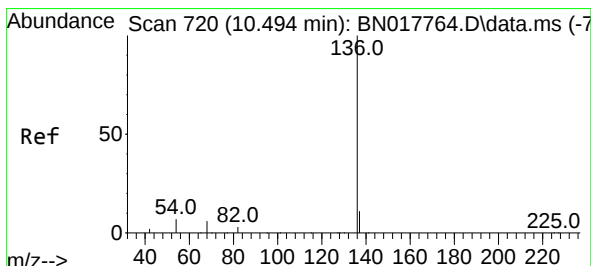
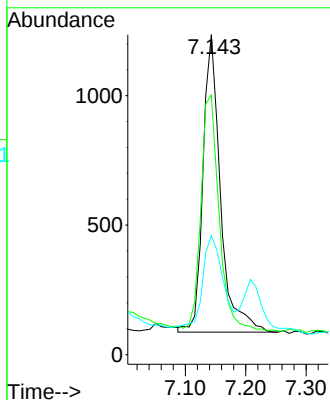
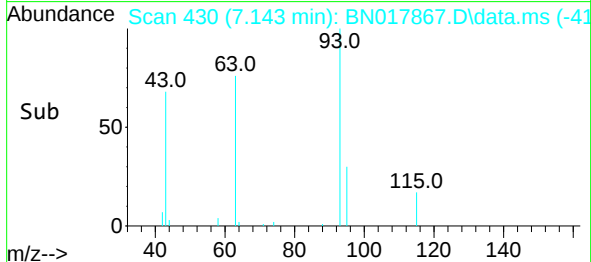
Instrument :
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ClientSampleId :
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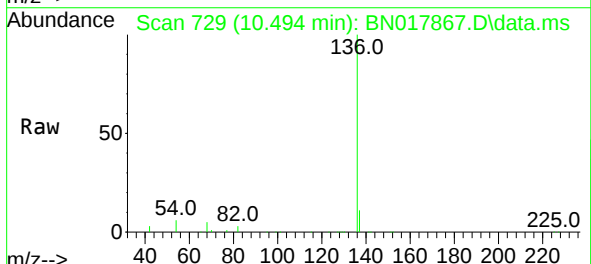
Tgt Ion: 93 Resp: 231
Ion Ratio Lower Upper
93 100
63 83.0 62.0 93.0
95 36.1 26.4 39.6

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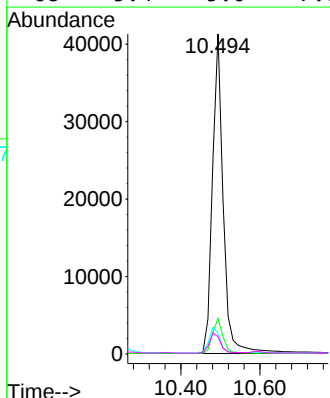
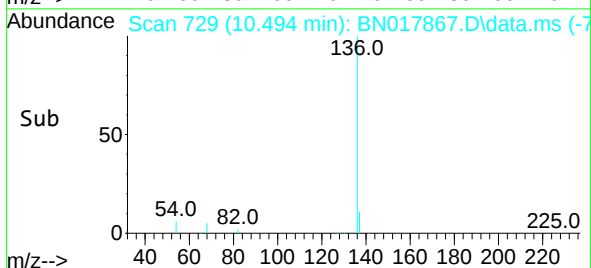
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021

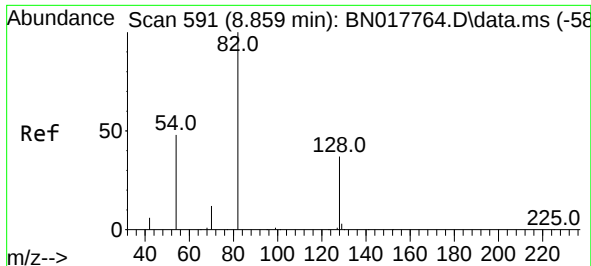


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31



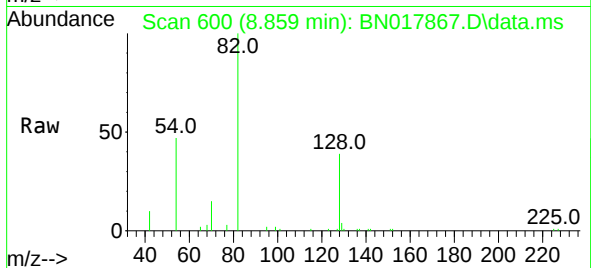
Tgt Ion:136 Resp: 78071
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.9 8.9
68 5.4 5.0 7.6





#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

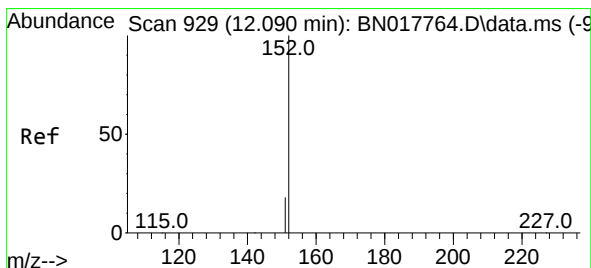
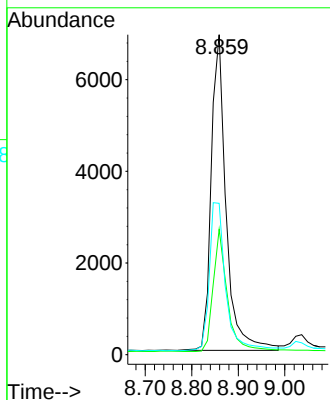
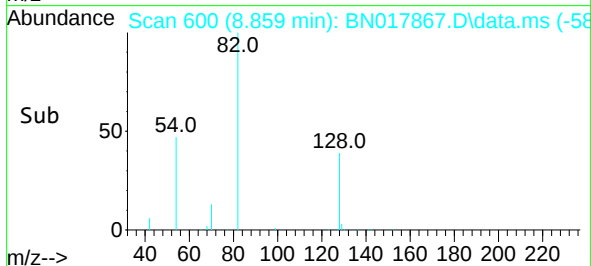
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130



Tgt Ion: 82 Resp: 15328
Ion Ratio Lower Upper
82 100
128 39.2 30.2 45.2
54 47.3 39.0 58.6

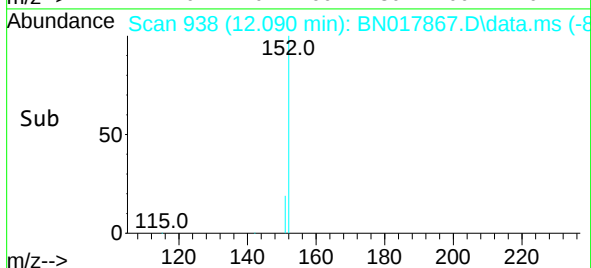
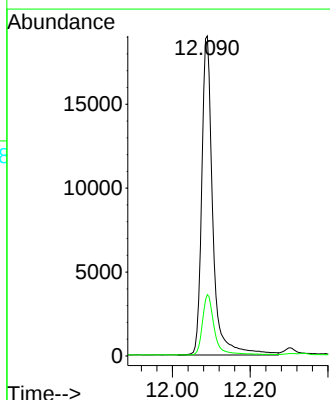
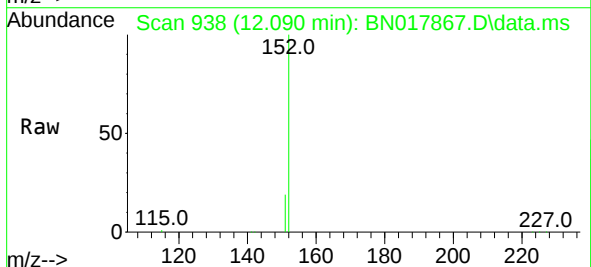
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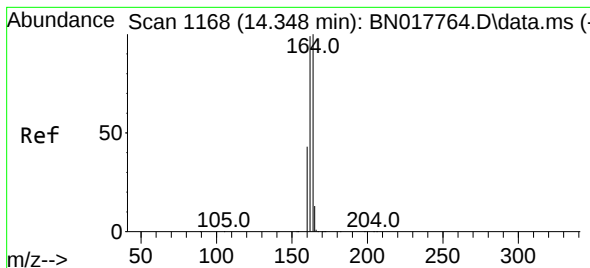
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.090 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

Tgt Ion:152 Resp: 37619
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017867.D

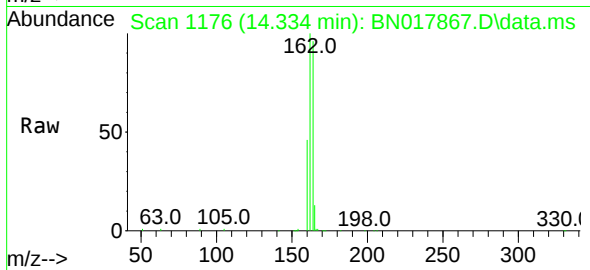
Acq: 10 Dec 2021 12:31

Instrument :

BNA_N

ClientSampleId :

RE115D2-20211130



Tgt Ion:164 Resp: 50749

Ion Ratio Lower Upper

164 100

162 103.7 79.0 118.6

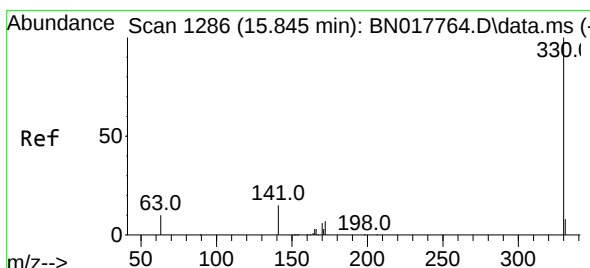
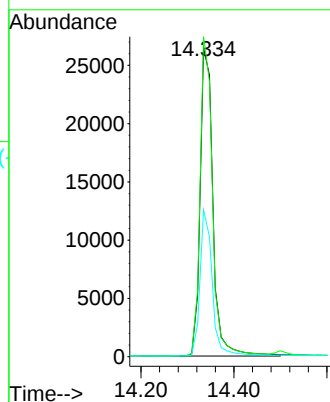
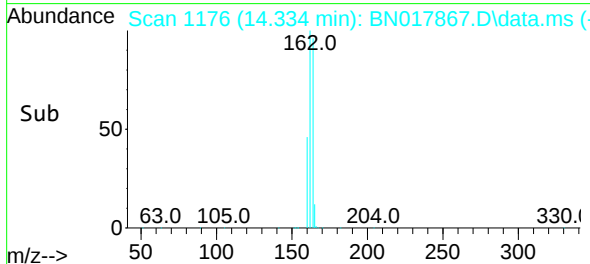
160 47.5 34.6 52.0

Manual Integrations

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Supervised By :Yogesh Patel 12/15/2021



#14

2,4,6-Tribromophenol

Concen: 0.168 ng

RT: 15.844 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BN017867.D

Acq: 10 Dec 2021 12:31

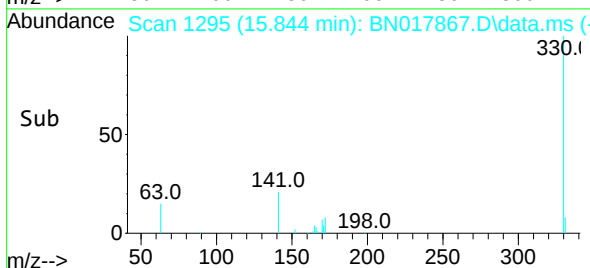
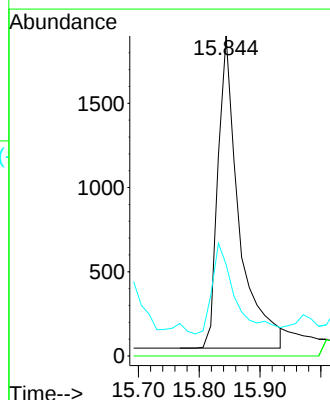
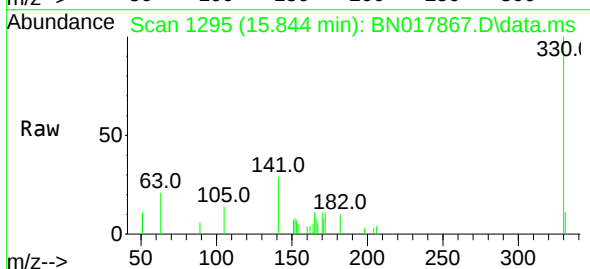
Tgt Ion:330 Resp: 4464

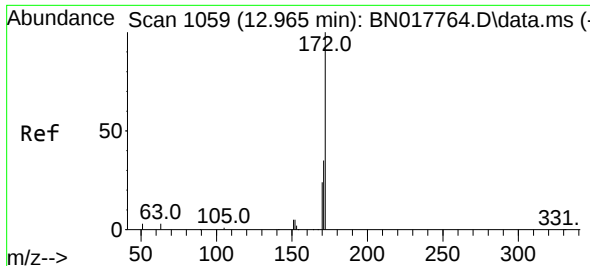
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

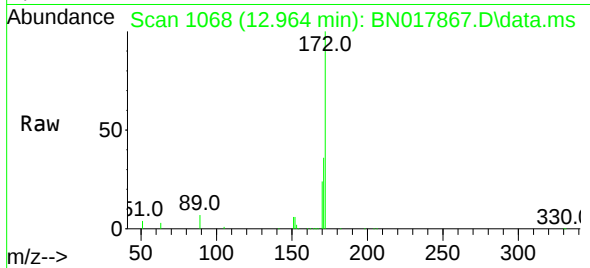
141 31.8 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

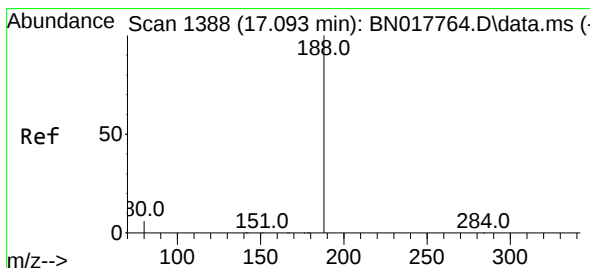
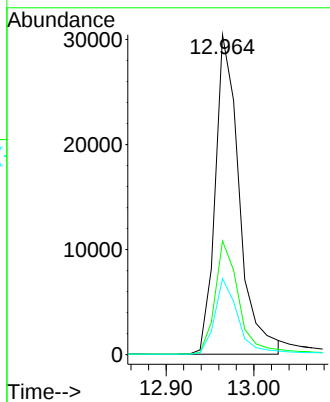
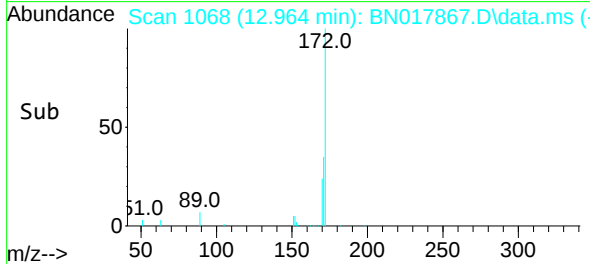
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130



Tgt Ion:172 Resp: 57988
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.8 18.9 28.3

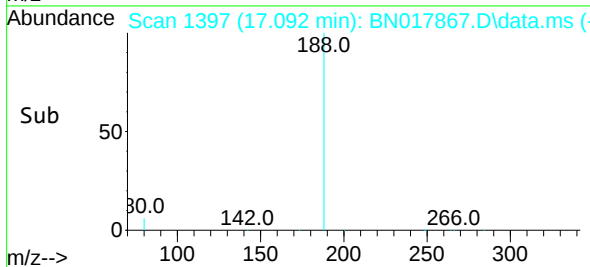
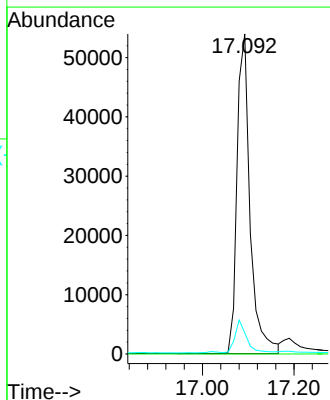
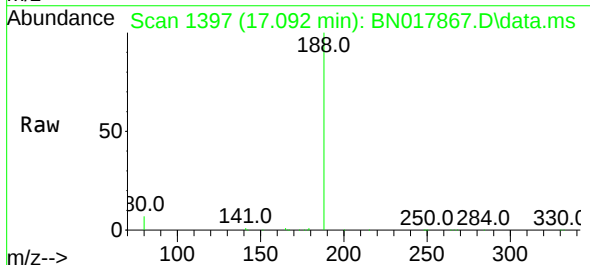
Manual Integrations
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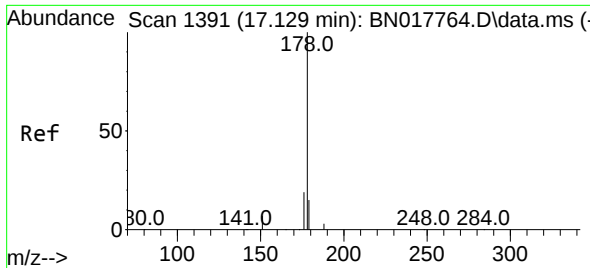
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

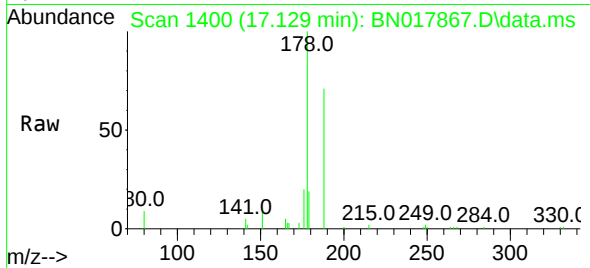
Tgt Ion:188 Resp: 105846
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.1 7.7





#25
Phenanthrene
Concen: 0.032 ng m
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

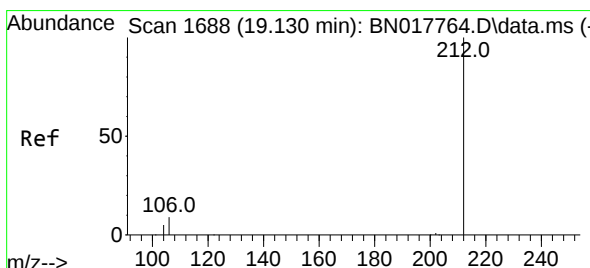
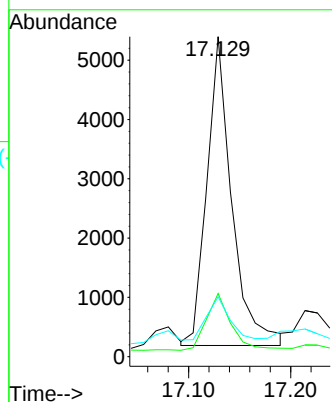
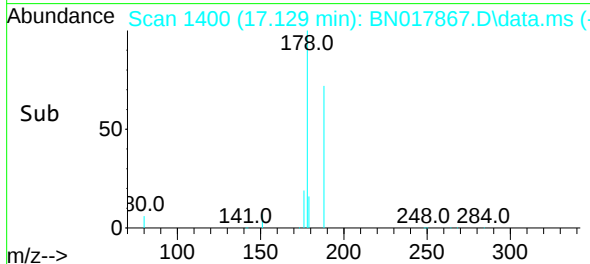
Instrument :
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Tgt Ion:178 Resp: 884
Ion Ratio Lower Upper
178 100
176 21.8 15.0 22.6
179 15.2 12.5 18.7

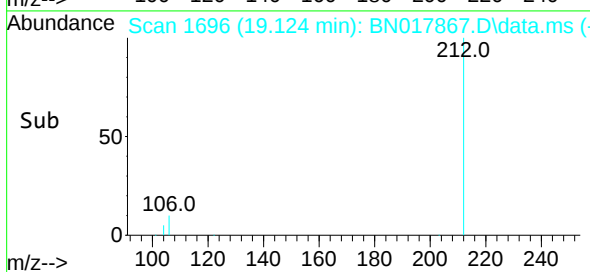
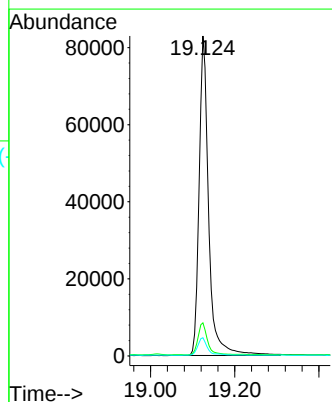
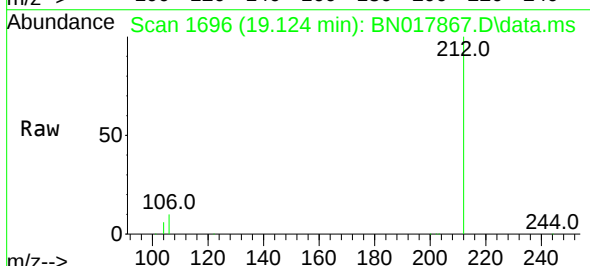
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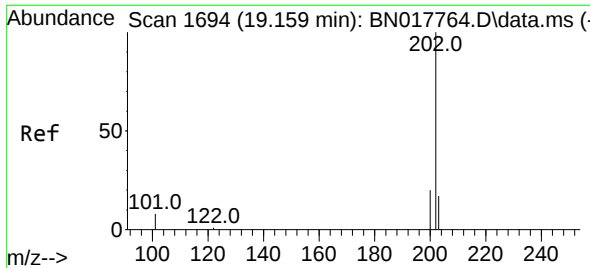
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

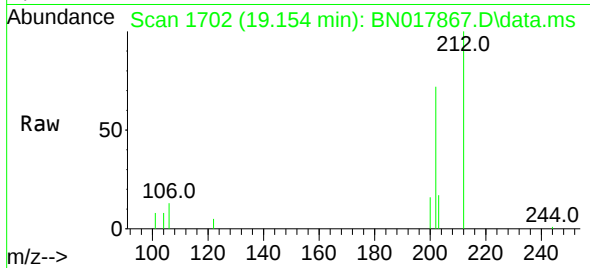
Tgt Ion:212 Resp: 131350
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.8 4.6 6.8





#28
Fluoranthene
Concen: 0.021 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

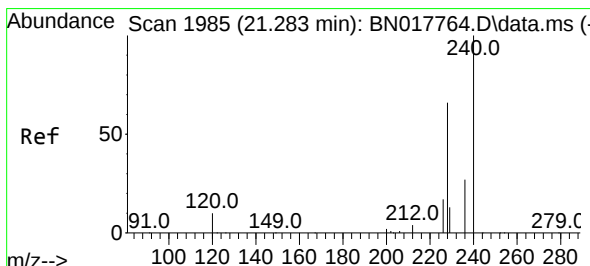
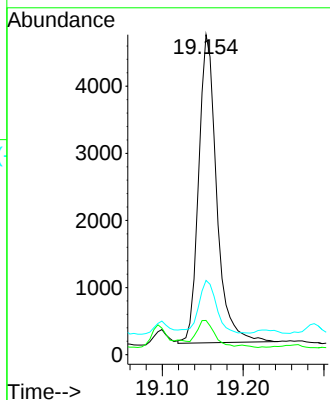
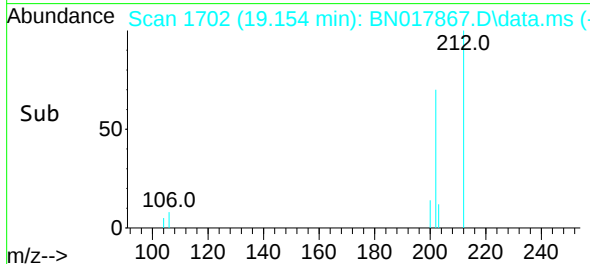
Instrument :
BNA_N
ClientSampleId :
RE115D2-20211130



Tgt Ion:202 Resp: 712
Ion Ratio Lower Upper
202 100
101 7.9 7.2 10.8
203 18.2 13.7 20.5

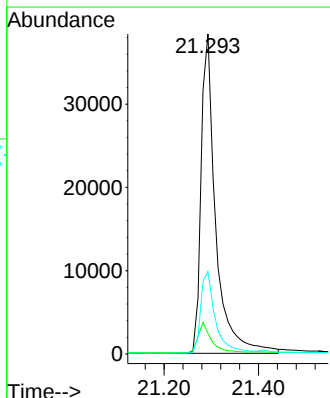
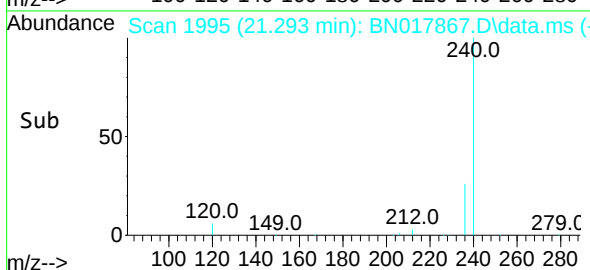
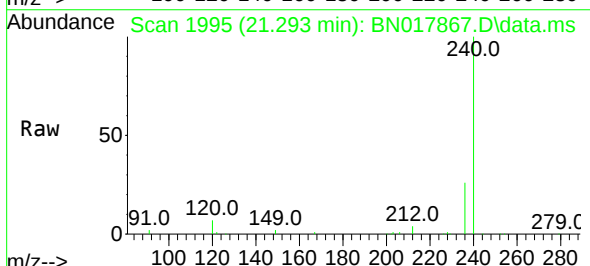
Manual Integrations
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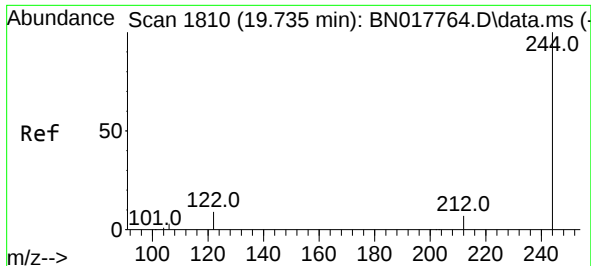
Reviewed By :Jagrut Upadhyay 12/14/2021
Supervised By :Yogesh Patel 12/15/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017867.D
Acq: 10 Dec 2021 12:31

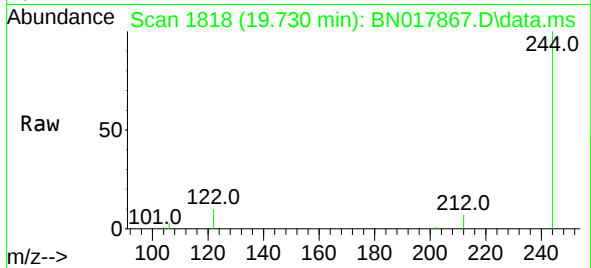
Tgt Ion:240 Resp: 82342
Ion Ratio Lower Upper
240 100
120 6.5 7.9 11.9#
236 25.8 21.4 32.2





#31
 Terphenyl-d14
 Concen: 0.626 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017867.D
 Acq: 10 Dec 2021 12:31

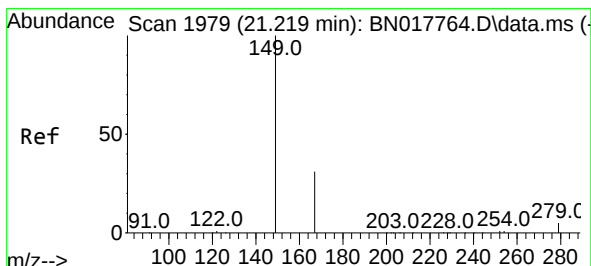
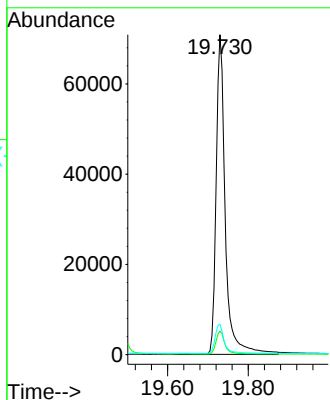
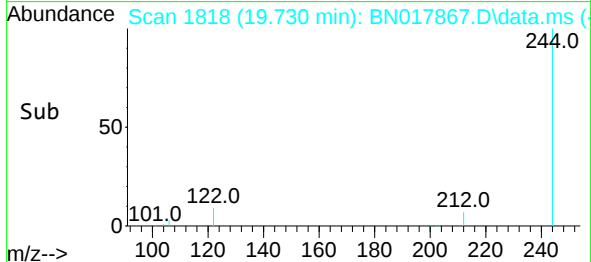
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20211130



Tgt Ion:244 Resp: 11077
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.5 7.1 10.7

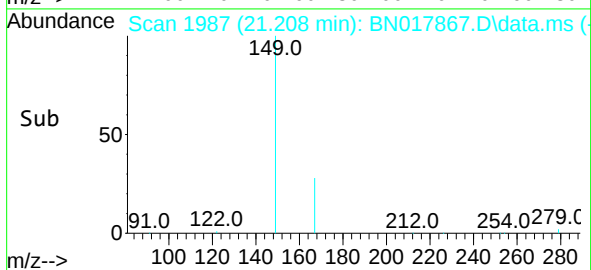
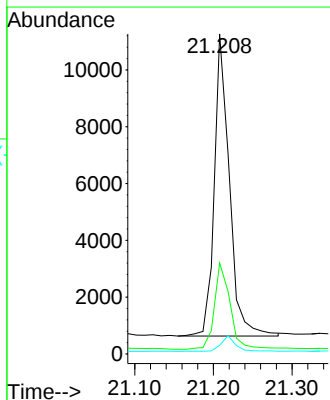
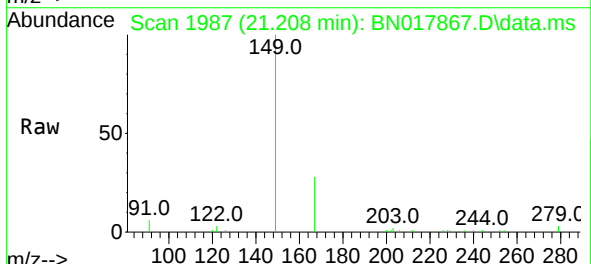
Manual Integrations
 APPROVED

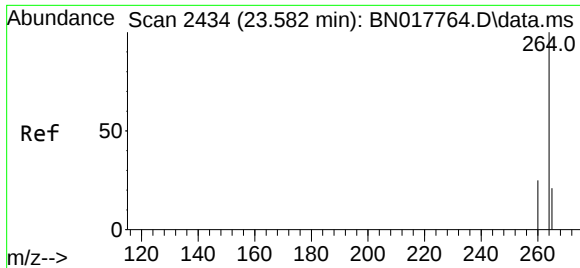
Reviewed By :Jagrut Upadhyay 12/14/2021
 Supervised By :Yogesh Patel 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.123 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017867.D
 Acq: 10 Dec 2021 12:31

Tgt Ion:149 Resp: 14115
 Ion Ratio Lower Upper
 149 100
 167 29.9 23.5 35.3
 279 4.9 3.8 5.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.585 min Scan# 24

Delta R.T. 0.003 min

Lab File: BN017867.D

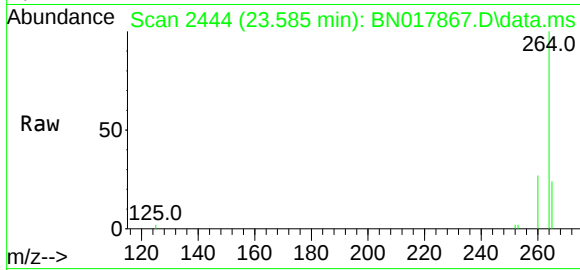
Acq: 10 Dec 2021 12:31

Instrument :

BNA_N

ClientSampleId :

RE115D2-20211130



Tgt Ion:264 Resp: 37180

Ion Ratio Lower Upper

264 100

260 26.6 20.0 30.0

265 24.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2021

Supervised By :Yogesh Patel 12/15/2021

