

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017840.D
 Acq On : 09 Dec 2021 18:30
 Operator : CG/JU
 Sample : M4924-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20211202

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 06:48:33 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	7.714	152	20311	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	79911	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	51492	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	103474	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	87079	0.400	ng	# 0.00
35) Perylene-d12	23.592	264	56824	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	6495	0.132	ng	0.00
5) Phenol-d6	6.903	99	3134	0.068	ng	0.00
8) Nitrobenzene-d5	8.859	82	14309	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	42071	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	3022	0.112	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	61602	0.327	ng	0.01
27) Fluoranthene-d10	19.129	212	138053	0.399	ng	0.00
31) Terphenyl-d14	19.735	244	111933	0.598	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	26530m	3.548	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.143	93	3867	0.074	ng	96
34) Bis(2-ethylhexyl)phtha...	21.218	149	50317	0.414	ng	100

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

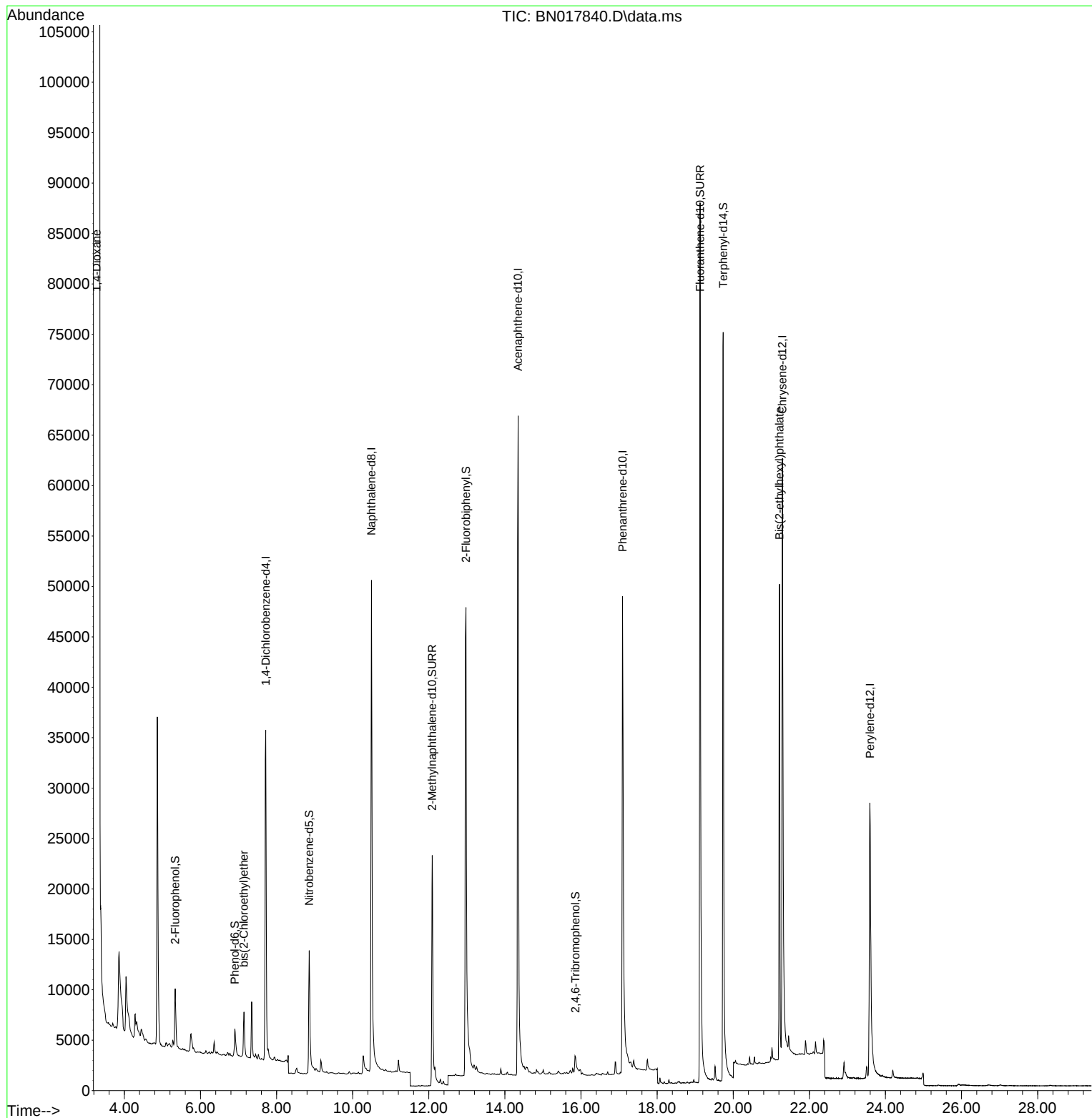
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017840.D
Acq On : 09 Dec 2021 18:30
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Sample : M4924-06
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ALS Vial : 7 Sample Multiplier: 1

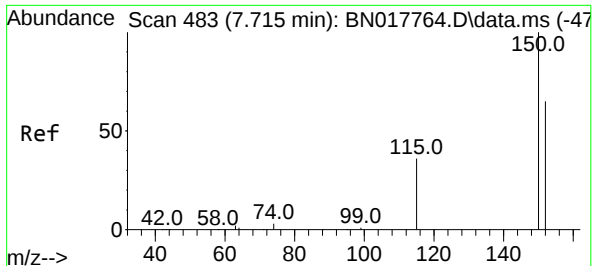
Instrument :
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Quant Time: Dec 10 06:48:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

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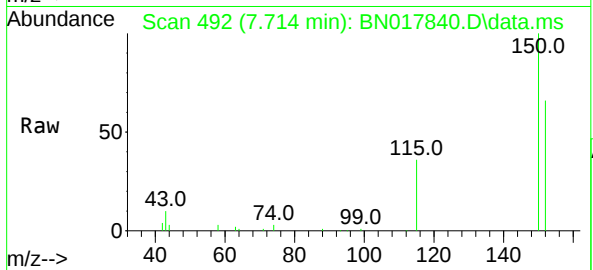
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

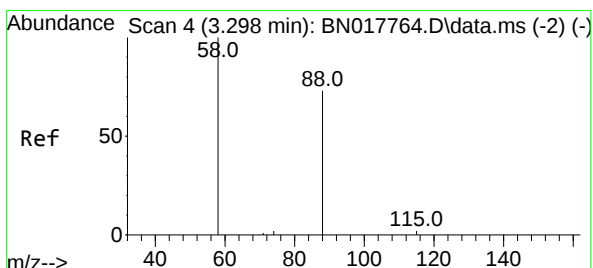
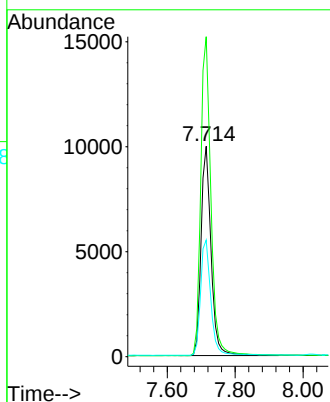
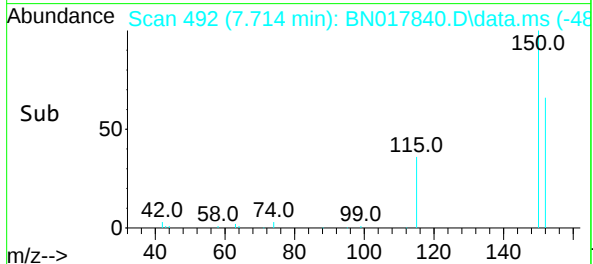
Instrument :
BNA_N
ClientSampleId :
RE108D2-20211202



Tgt Ion: 152 Resp: 2031
Ion Ratio Lower Upper
152 100
150 152.1 123.0 184.4
115 55.5 45.3 67.9

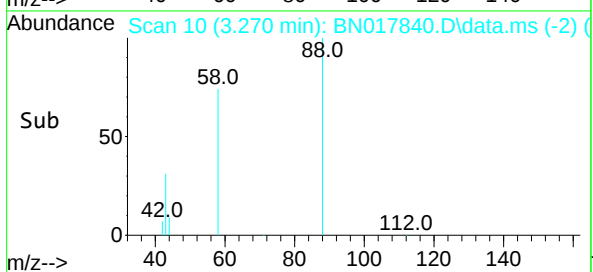
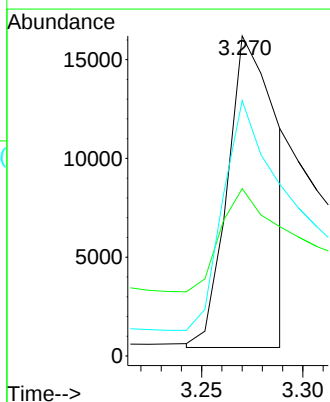
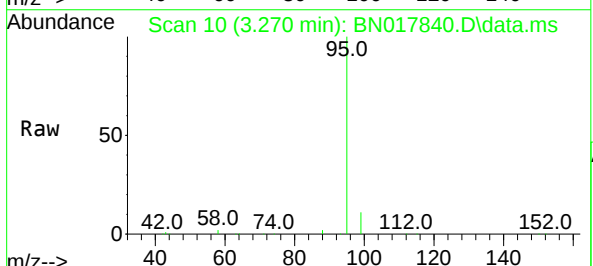
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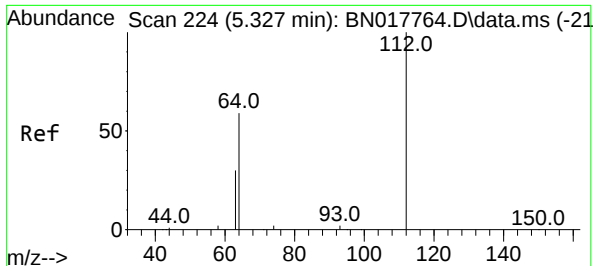
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 3.548 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

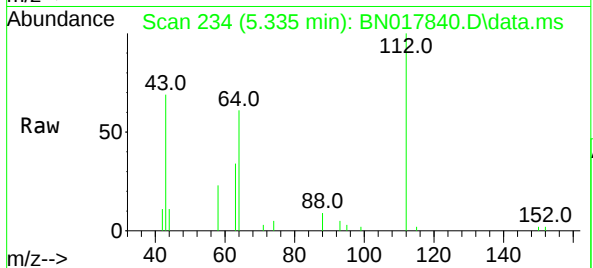
Tgt Ion: 88 Resp: 26530
Ion Ratio Lower Upper
88 100
43 52.6 0.0 0.0#
58 115.9 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

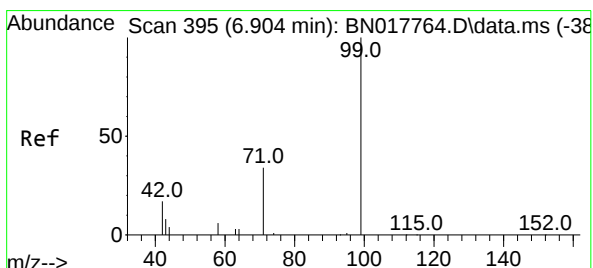
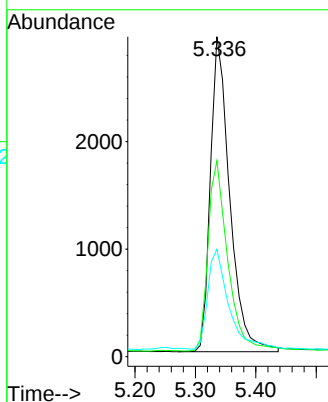
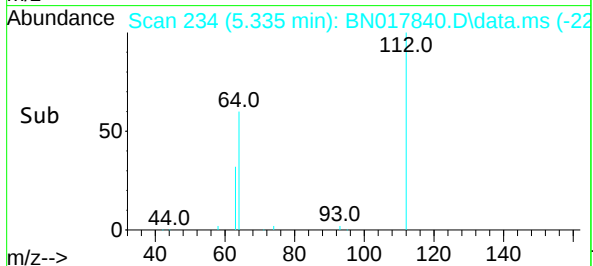
Instrument :
BNA_N
ClientSampleId :
RE108D2-20211202



Tgt Ion: 112 Resp: 649
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 34.1 25.8 38.8

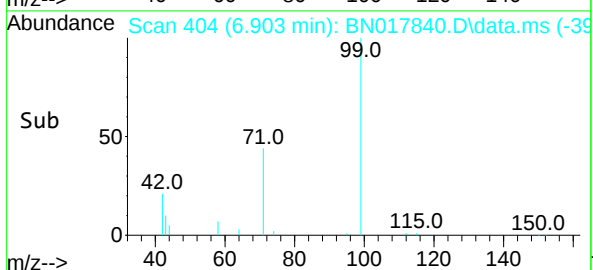
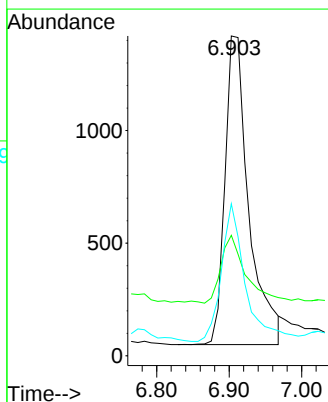
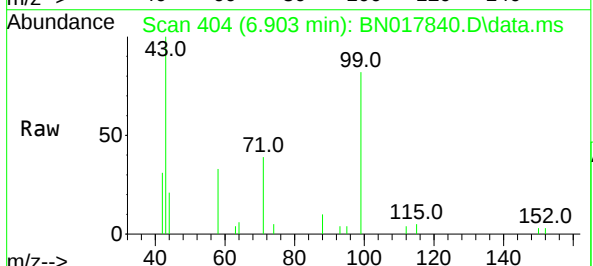
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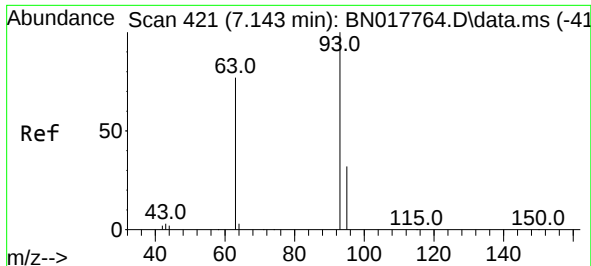
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

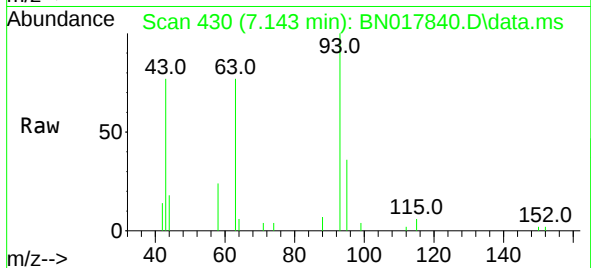
Tgt Ion: 99 Resp: 3134
Ion Ratio Lower Upper
99 100
42 22.6 16.6 25.0
71 43.4 29.0 43.4





#6
bis(2-Chloroethyl)ether
Concen: 0.074 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

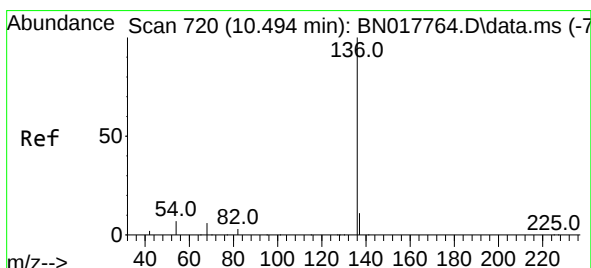
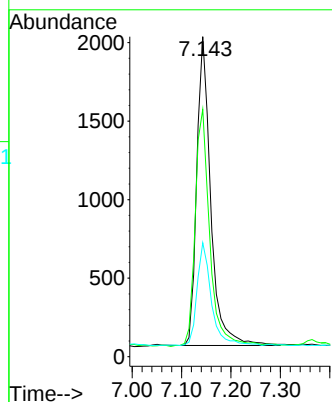
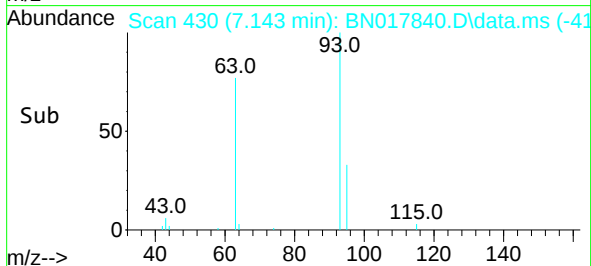
Instrument :
BNA_N
ClientSampleId :
RE108D2-20211202



Tgt Ion: 93 Resp: 386
Ion Ratio Lower Upper
93 100
63 81.3 62.0 93.0
95 34.0 26.4 39.6

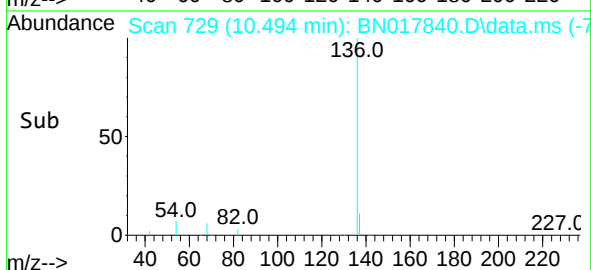
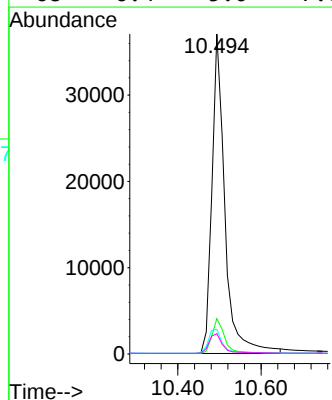
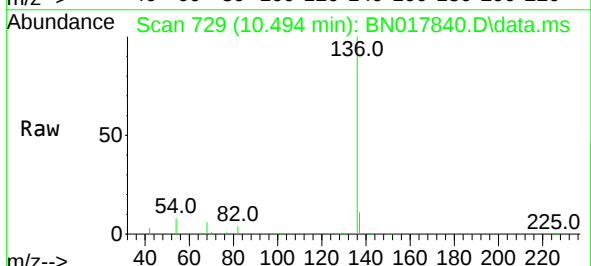
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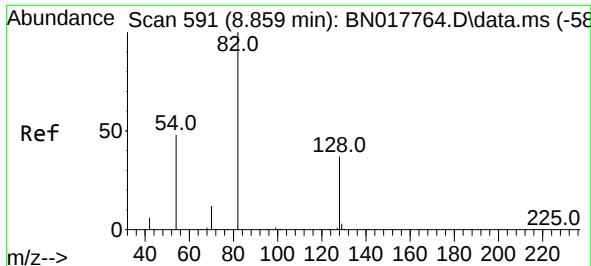
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

Tgt Ion:136 Resp: 79911
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 5.9 8.9
68 6.4 5.0 7.6





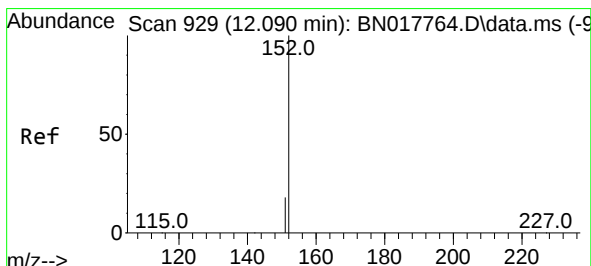
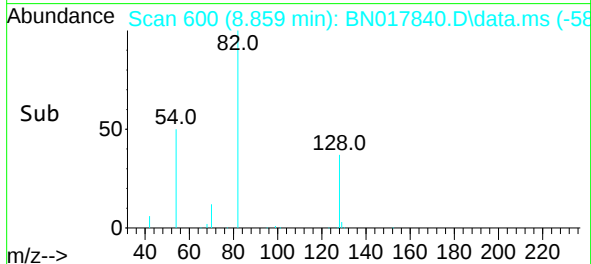
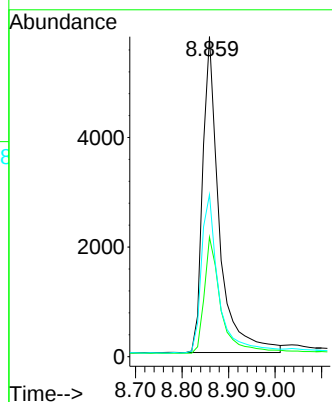
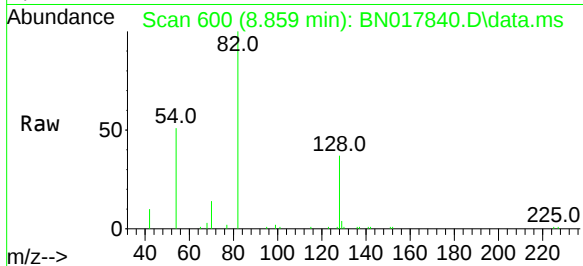
#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

Instrument :
BNA_N
ClientSampleId :
RE108D2-20211202

Tgt Ion: 82 Resp: 14309
Ion Ratio Lower Upper
82 100
128 37.3 30.2 45.2
54 50.7 39.0 58.6

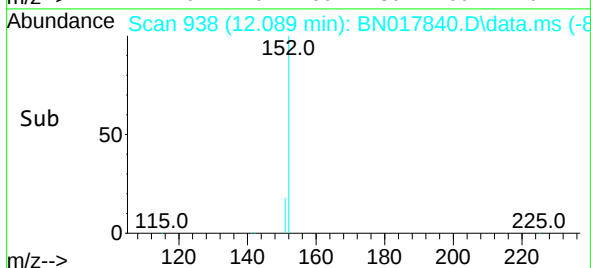
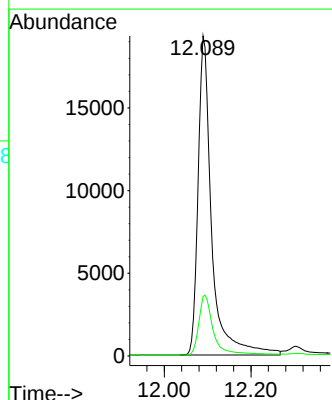
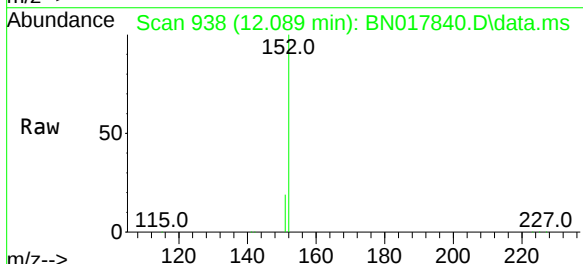
Manual Integrations
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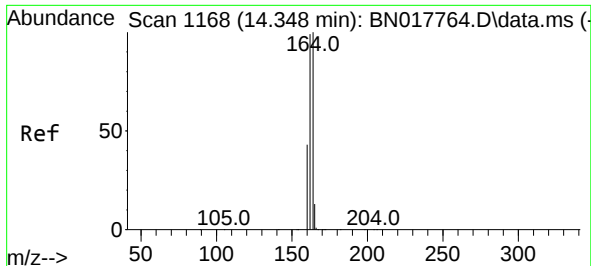
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

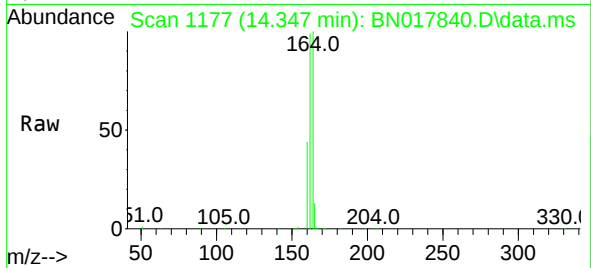
Tgt Ion:152 Resp: 42071
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

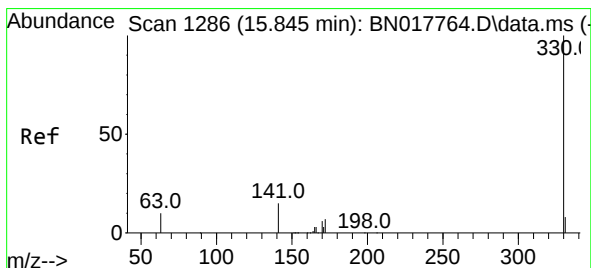
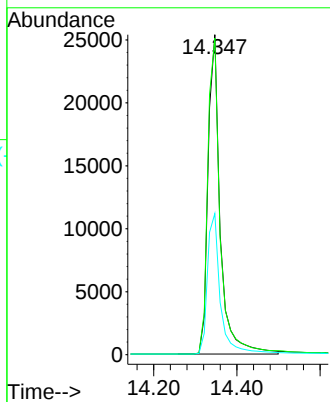
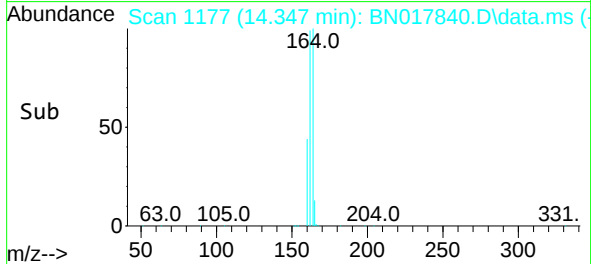
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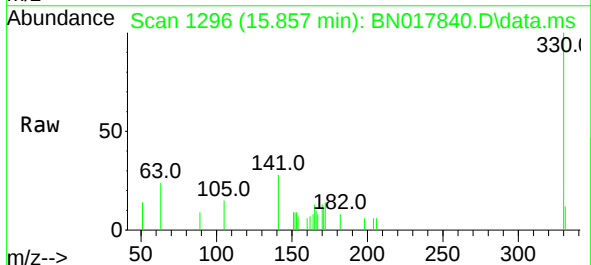
Tgt Ion:164 Resp: 51492
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 44.1 34.6 52.0

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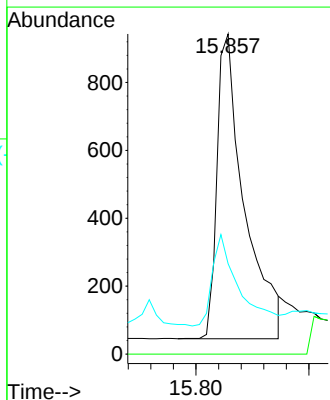
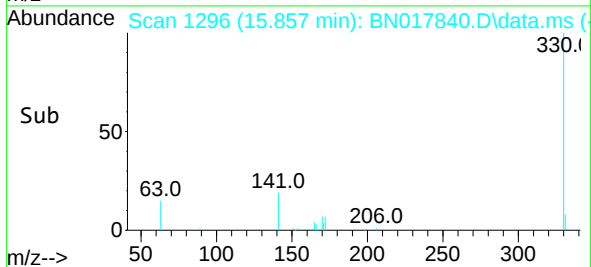
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

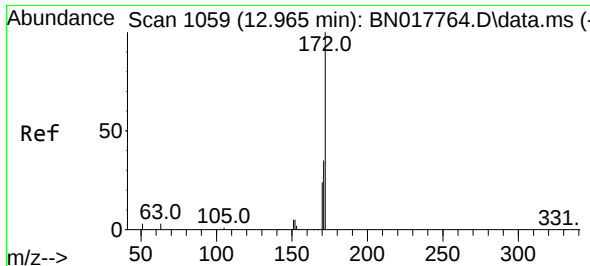


#14
2,4,6-Tribromophenol
Concen: 0.112 ng
RT: 15.857 min Scan# 1296
Delta R.T. 0.012 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30



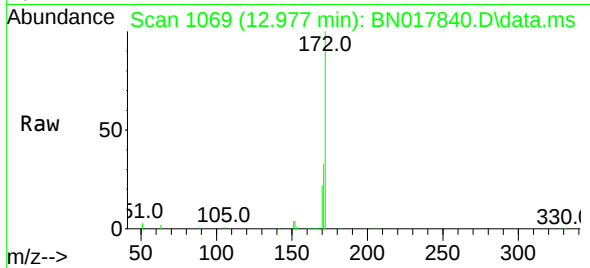
Tgt Ion:330 Resp: 3022
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.8 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.977 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

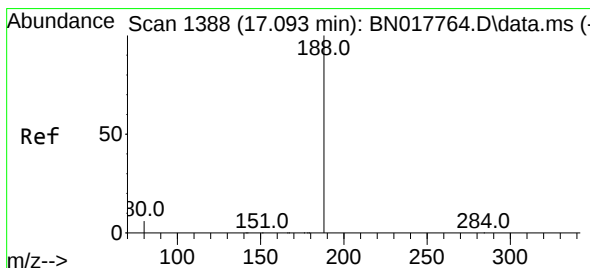
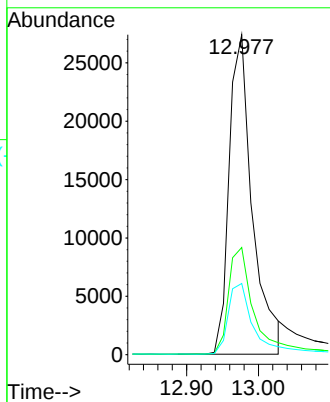
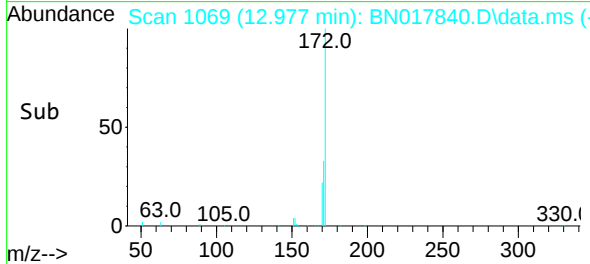
Instrument :
BNA_N
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Tgt Ion:172 Resp: 61602
Ion Ratio Lower Upper
172 100
171 33.5 28.1 42.1
170 22.2 18.9 28.3

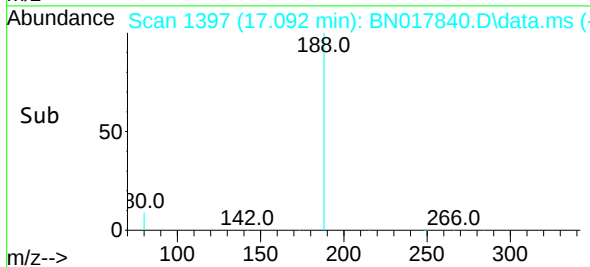
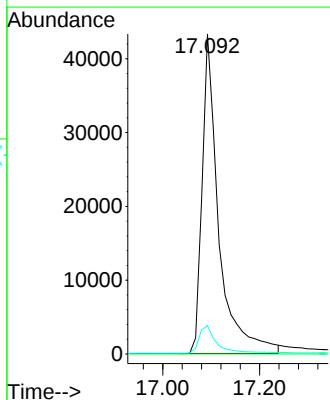
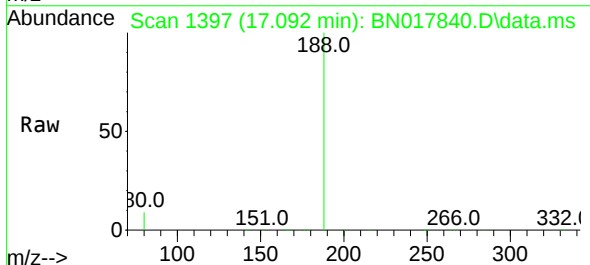
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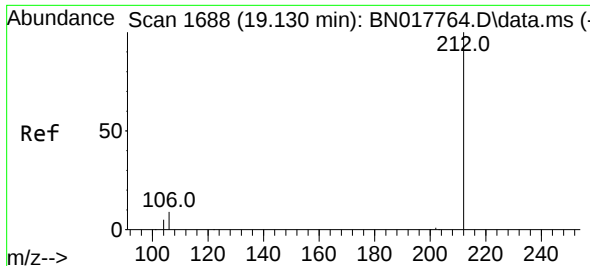
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

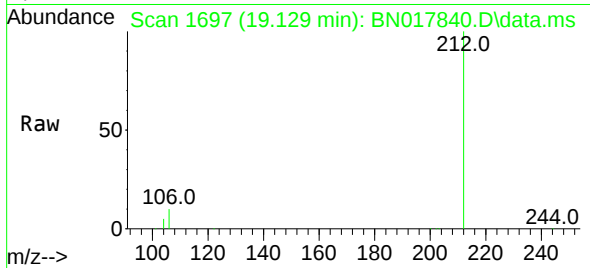
Tgt Ion:188 Resp: 103474
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 5.1 7.7#





#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.129 min Scan# 1688
Delta R.T. -0.001 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30

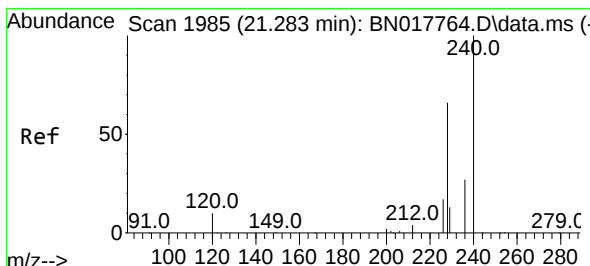
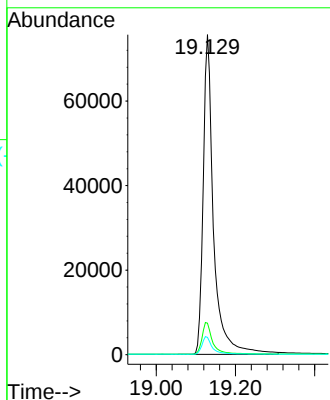
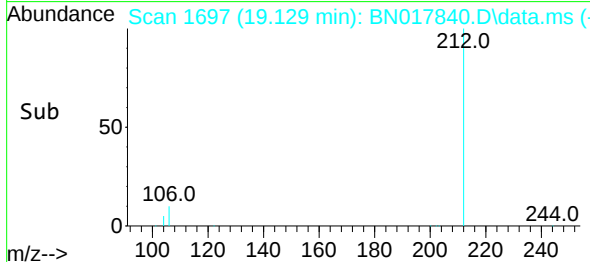
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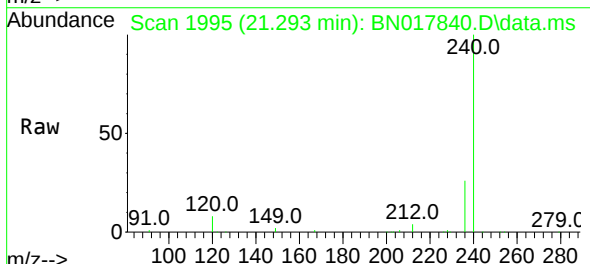
Tgt Ion:212 Resp: 13805
Ion Ratio Lower Upper
212 100
106 10.3 8.2 12.2
104 5.7 4.6 6.8

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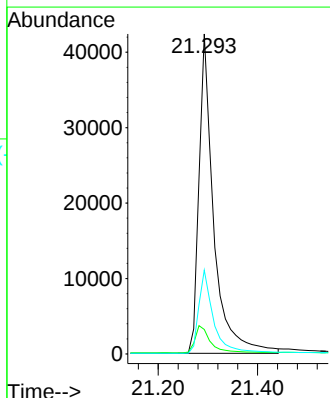
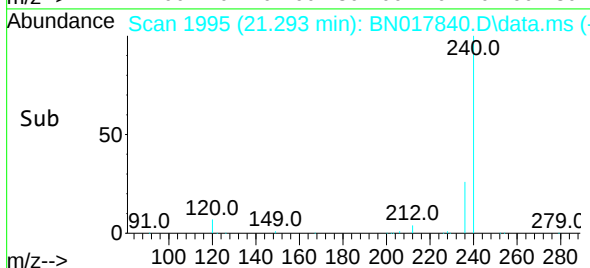
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

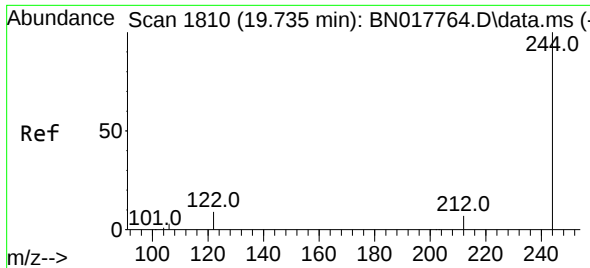


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017840.D
Acq: 09 Dec 2021 18:30



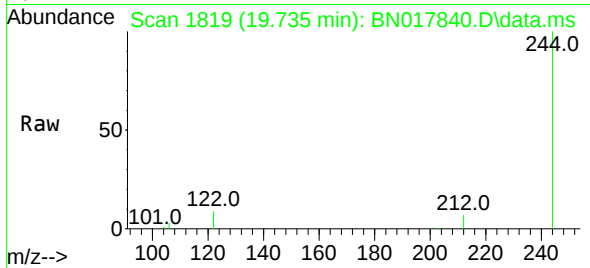
Tgt Ion:240 Resp: 87079
Ion Ratio Lower Upper
240 100
120 7.7 7.9 11.9#
236 26.2 21.4 32.2





#31
 Terphenyl-d14
 Concen: 0.598 ng
 RT: 19.735 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BN017840.D
 Acq: 09 Dec 2021 18:30

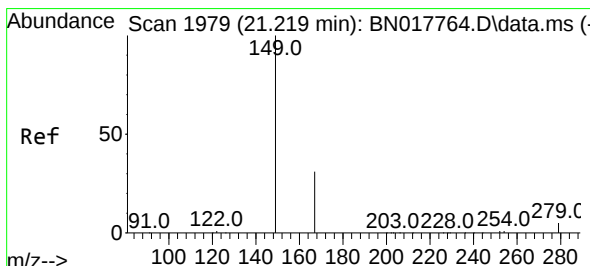
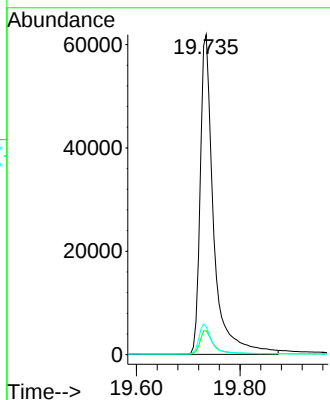
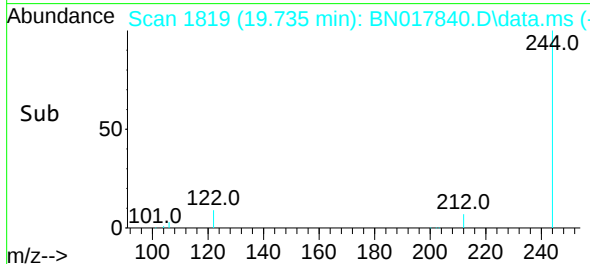
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20211202



Tgt Ion:244 Resp: 11193
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 8.7 7.1 10.7

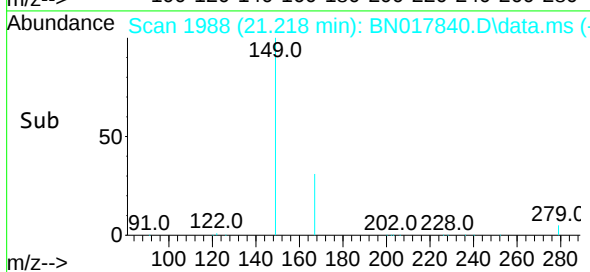
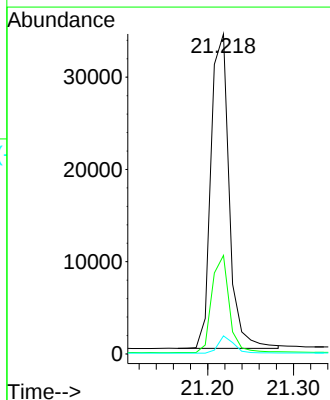
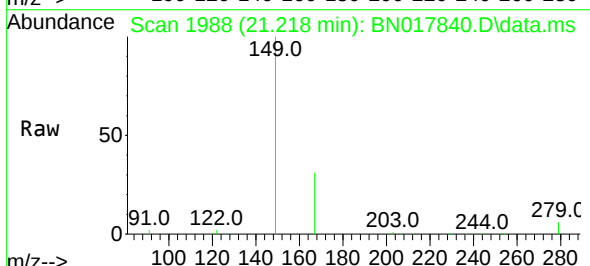
Manual Integrations
 APPROVED

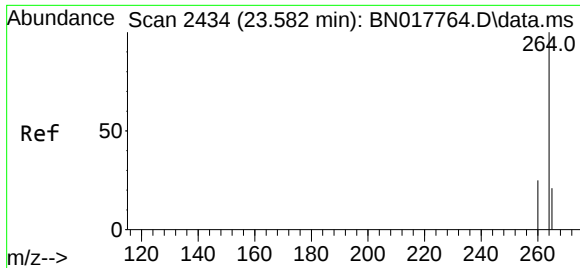
Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.414 ng
 RT: 21.218 min Scan# 1988
 Delta R.T. -0.001 min
 Lab File: BN017840.D
 Acq: 09 Dec 2021 18:30

Tgt Ion:149 Resp: 50317
 Ion Ratio Lower Upper
 149 100
 167 29.6 23.5 35.3
 279 4.7 3.8 5.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.592 min Scan# 24

Delta R.T. 0.010 min

Lab File: BN017840.D

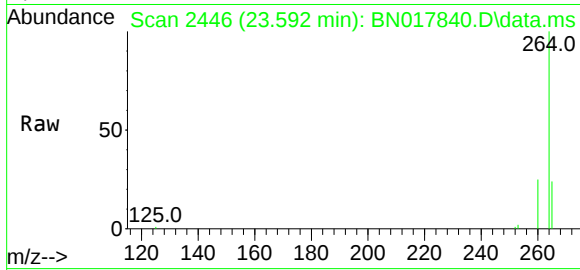
Acq: 09 Dec 2021 18:30

Instrument :

BNA_N

ClientSampleId :

RE108D2-20211202



Tgt Ion:264 Resp: 56824

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

265 23.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021

Supervised By :Yogesh Patel 12/15/2021

