

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017849.D
 Acq On : 09 Dec 2021 23:54
 Operator : CG/JU
 Sample : M4922-03DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20211129DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 06:50:33 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	7.715	152	21500	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	81975	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	57970	0.400	ng	-0.01
19) Phenanthrene-d10	17.093	188	118071	0.400	ng	0.00
29) Chrysene-d12	21.293	240	95352	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	64627	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	2465	0.047	ng	0.00
5) Phenol-d6	6.903	99	1278	0.026	ng	0.00
8) Nitrobenzene-d5	8.859	82	6411	0.118	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	18255	0.112	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	1581	0.052	ng	0.01
15) 2-Fluorobiphenyl	12.977	172	26717	0.126	ng	0.01
27) Fluoranthene-d10	19.129	212	65054	0.165	ng	0.00
31) Terphenyl-d14	19.730	244	53746	0.262	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	15274m	1.930	ng	
34) Bis(2-ethylhexyl)phtha...	21.208	149	6427	0.048	ng	99

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

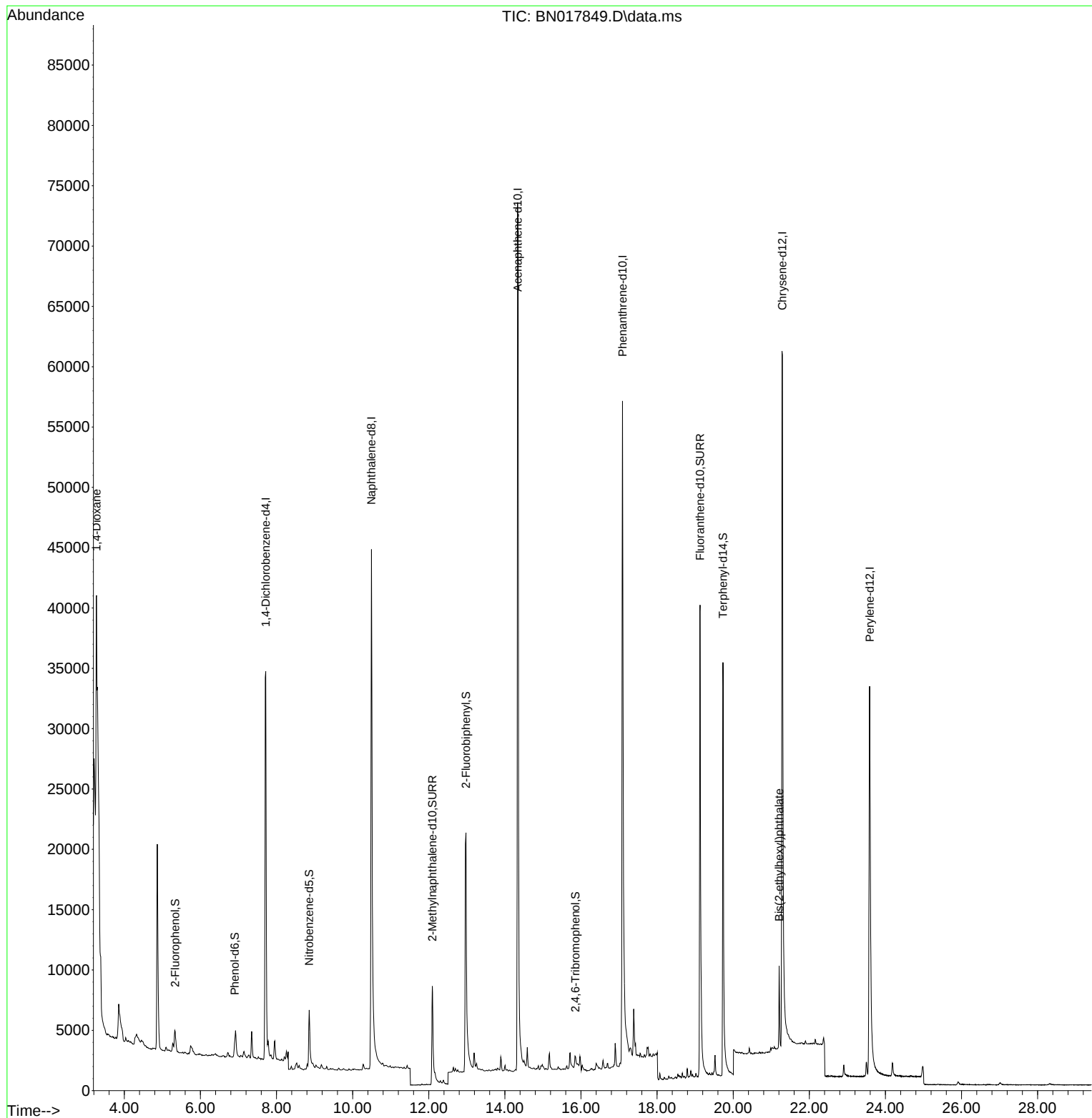
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017849.D
Acq On : 09 Dec 2021 23:54
Operator : CG/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

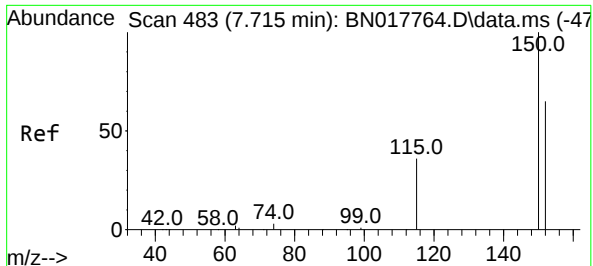
Instrument :
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RE132D3-20211129DL

Quant Time: Dec 10 06:50:33 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
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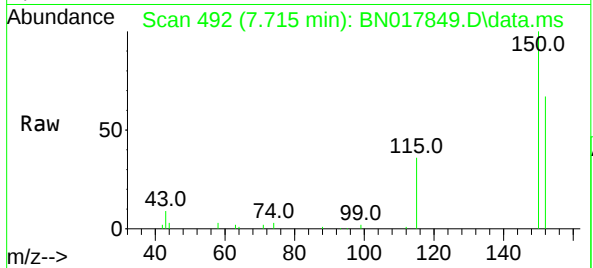
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

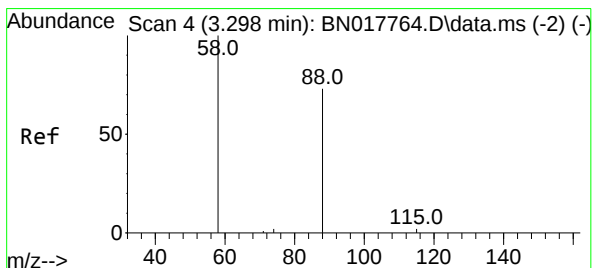
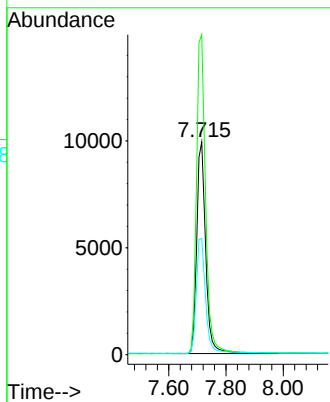
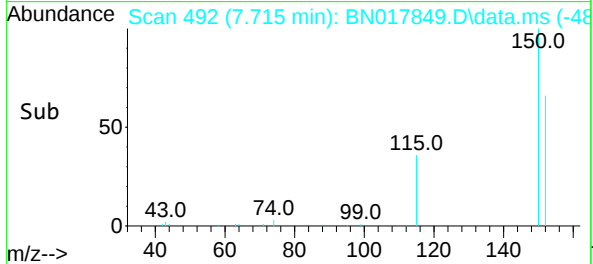
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129DL



Tgt Ion: 152 Resp: 21500
Ion Ratio Lower Upper
152 100
150 150.3 123.0 184.4
115 54.6 45.3 67.9

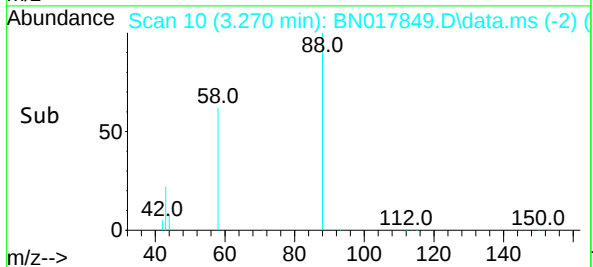
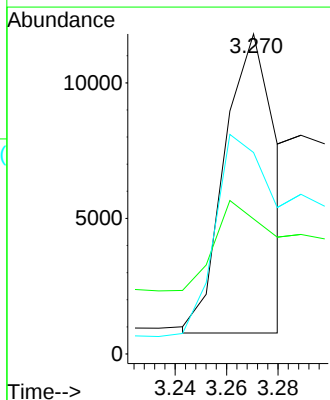
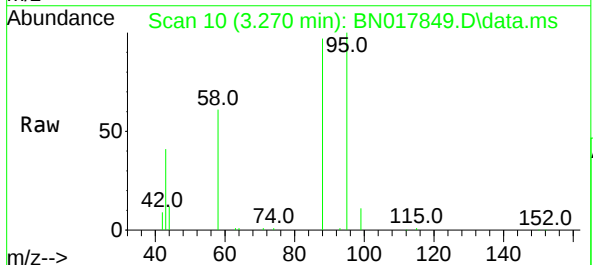
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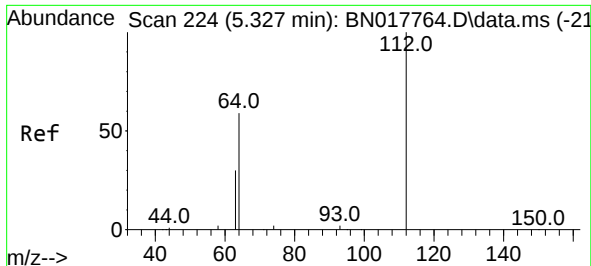
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#2
1,4-Dioxane
Concen: 1.930 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

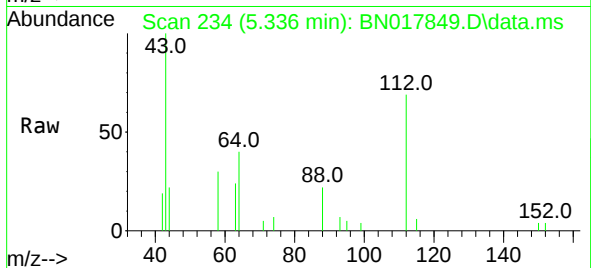
Tgt Ion: 88 Resp: 15274
Ion Ratio Lower Upper
88 100
43 60.8 0.0 0.0#
58 149.9 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.047 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

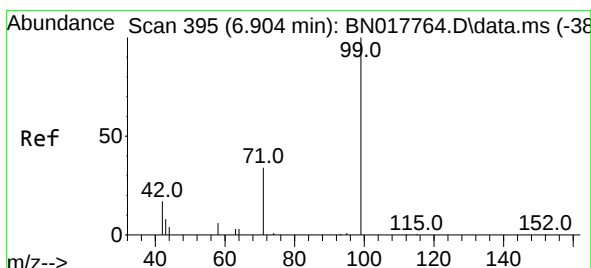
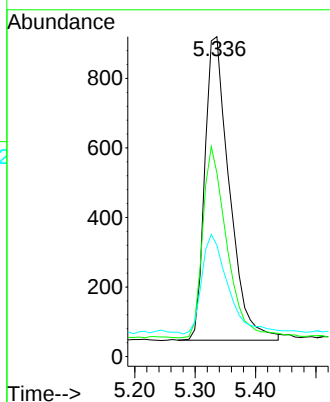
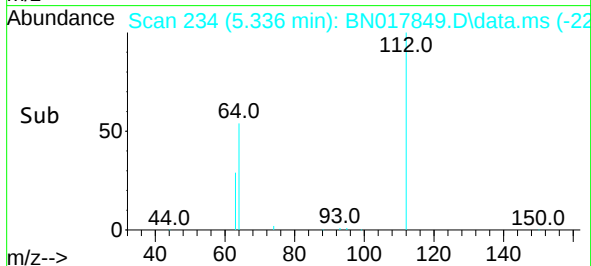
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129DL



Tgt Ion:112 Resp: 246
Ion Ratio Lower Upper
112 100
64 61.4 49.3 73.9
63 35.2 25.8 38.8

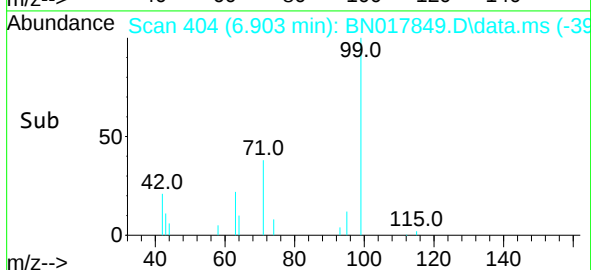
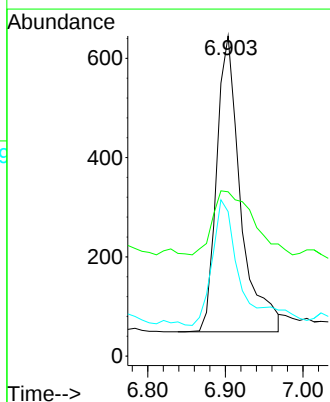
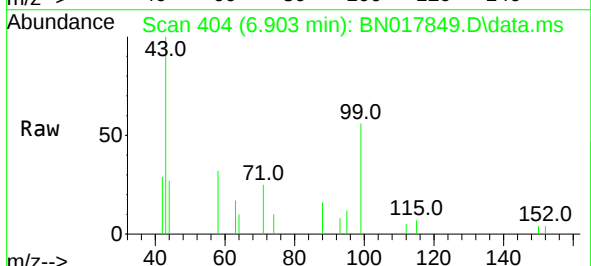
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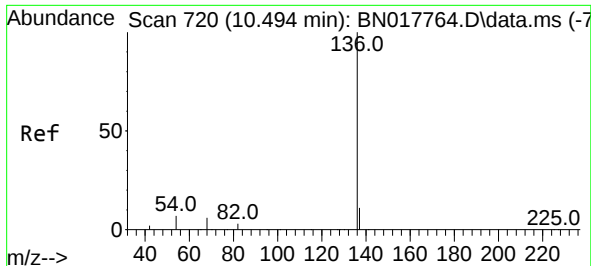
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.026 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

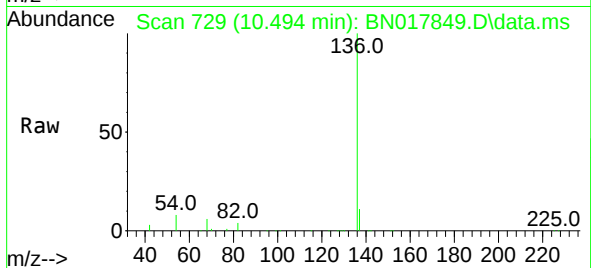
Tgt Ion: 99 Resp: 1278
Ion Ratio Lower Upper
99 100
42 34.6 16.6 25.0#
71 47.3 29.0 43.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

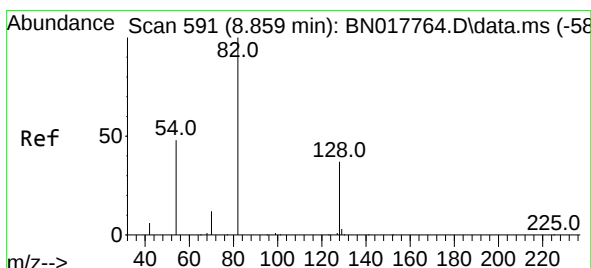
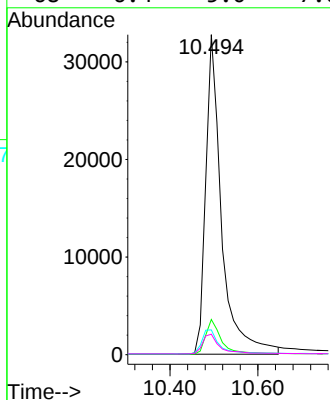
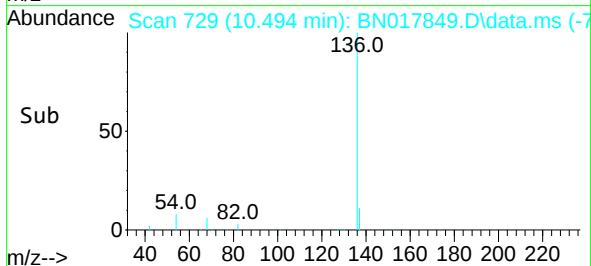
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129DL



Tgt Ion:	136	Resp:	8197
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.8	5.9	8.9
68	6.4	5.0	7.6

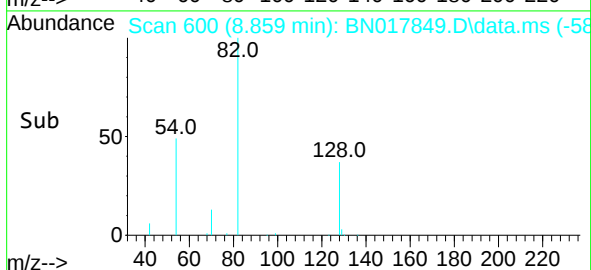
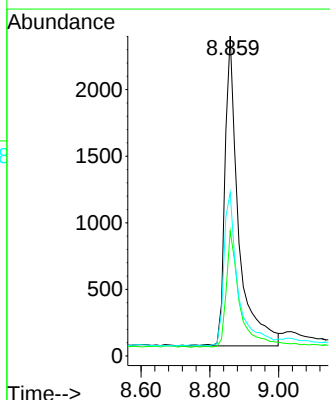
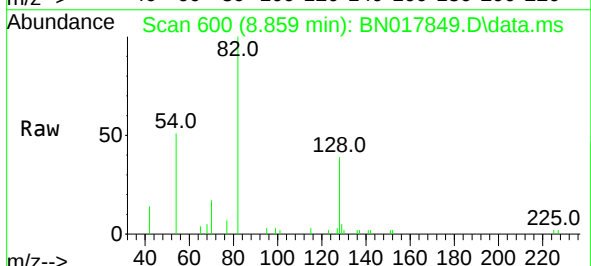
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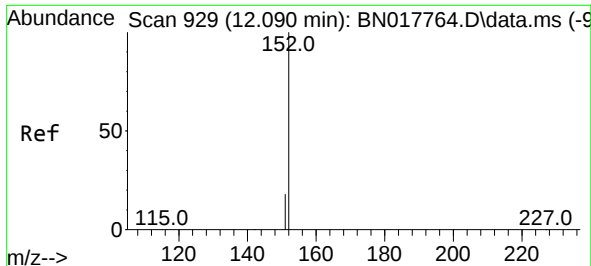
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#8
Nitrobenzene-d5
Concen: 0.118 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

Tgt Ion:	82	Resp:	6411
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.2	45.2
54	51.1	39.0	58.6





#11

2-Methylnaphthalene-d10

Concen: 0.112 ng

RT: 12.094 min Scan# 91

Delta R.T. 0.004 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

Instrument :

BNA_N

ClientSampleId :

RE132D3-20211129DL

Tgt Ion:152 Resp: 1825

Ion Ratio Lower Upper

152 100

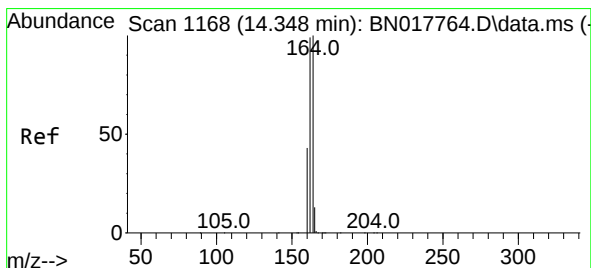
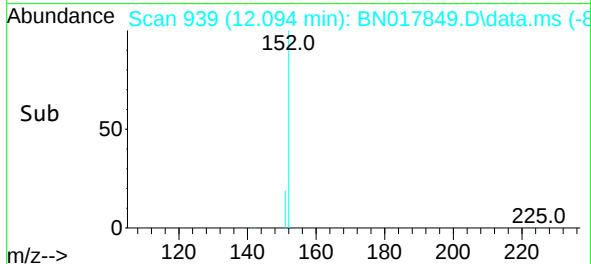
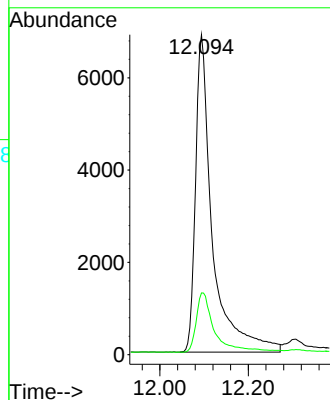
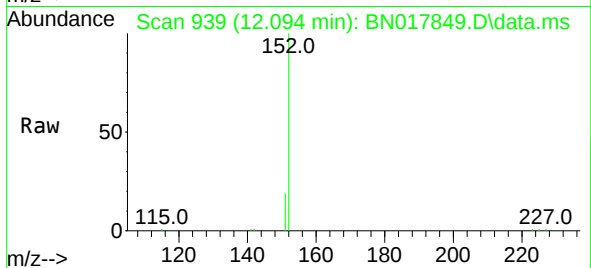
151 20.5 16.4 24.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/10/2021

Supervised By :Yogesh Patel 12/15/2021



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.335 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

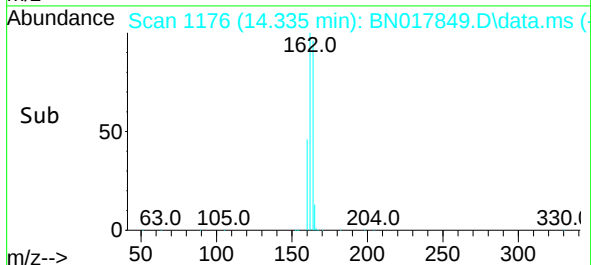
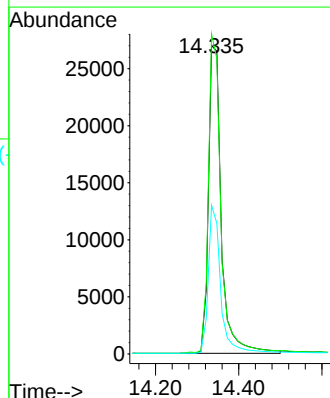
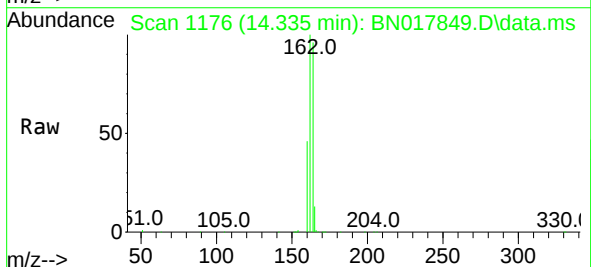
Tgt Ion:164 Resp: 57970

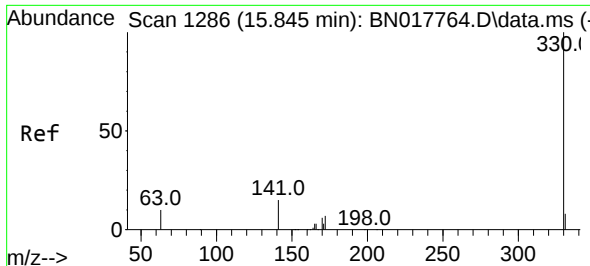
Ion Ratio Lower Upper

164 100

162 103.8 79.0 118.6

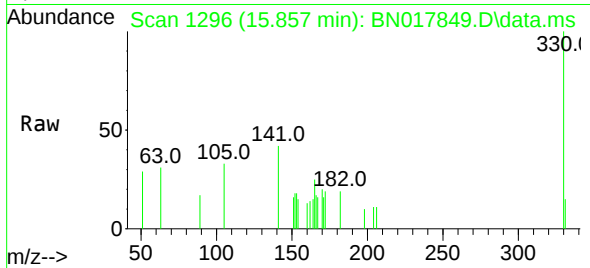
160 48.2 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.052 ng
RT: 15.857 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

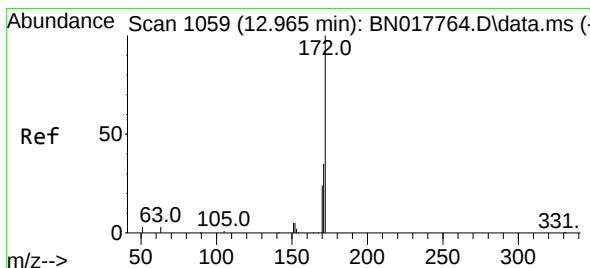
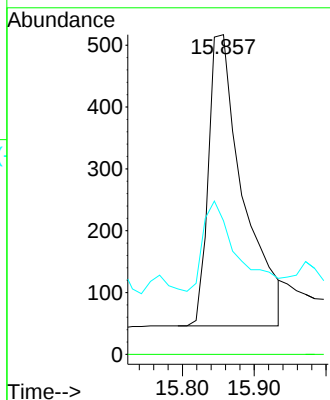
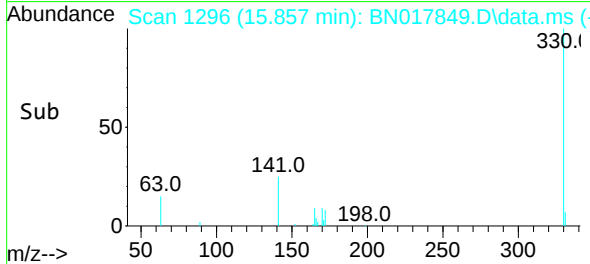
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129DL



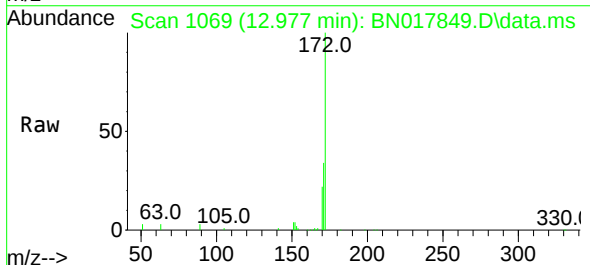
Tgt Ion:330 Resp: 158
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.2 21.5 32.3

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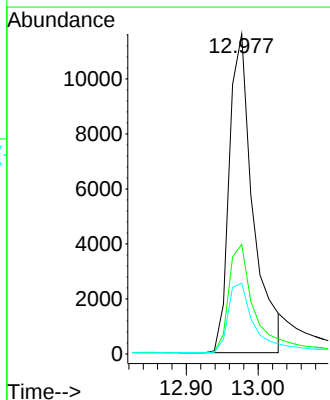
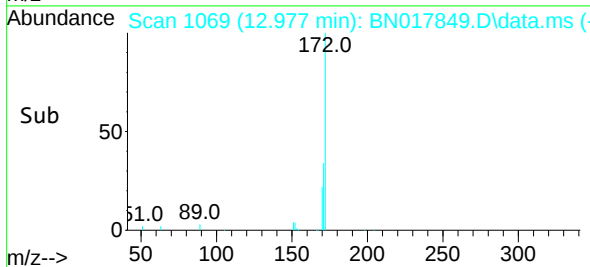
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

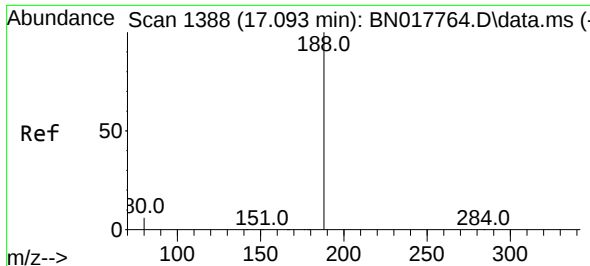


#15
2-Fluorobiphenyl
Concen: 0.126 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54



Tgt Ion:172 Resp: 26717
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.1 18.9 28.3





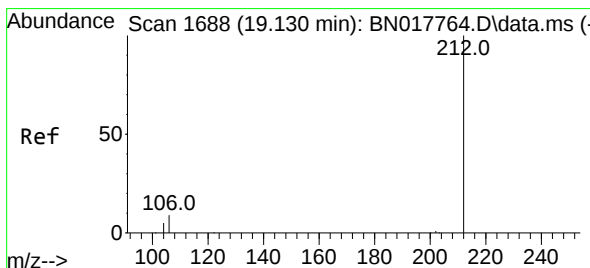
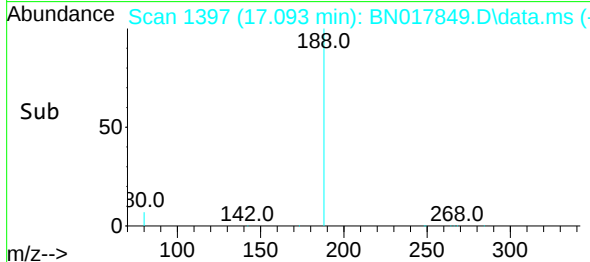
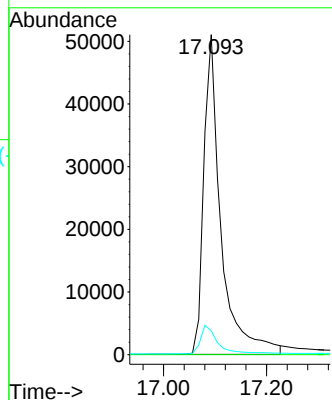
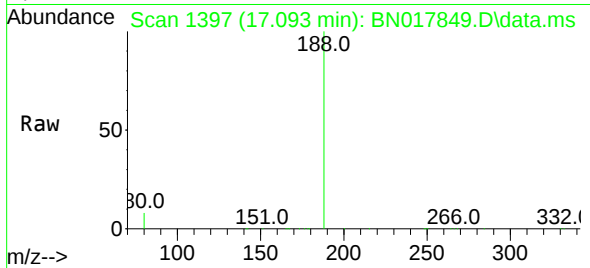
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11807
Delta R.T. -0.000 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129DL

Tgt Ion:188 Resp: 11807
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 5.1 7.7

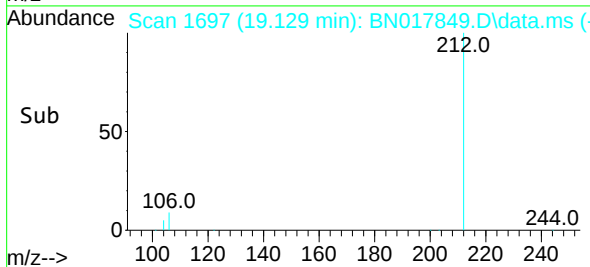
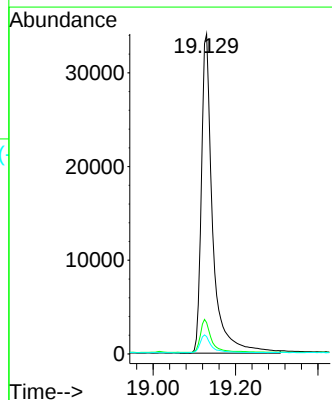
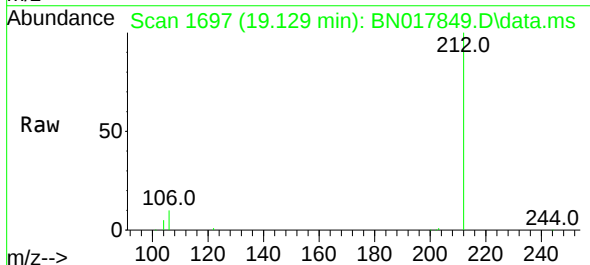
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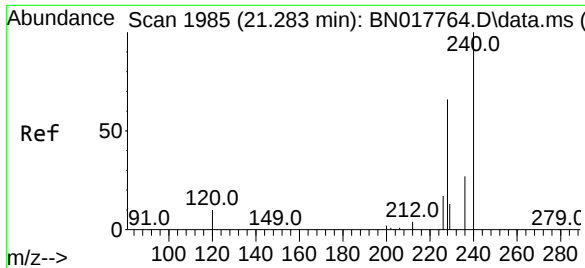
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#27
Fluoranthene-d10
Concen: 0.165 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

Tgt Ion:212 Resp: 65054
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.8 4.6 6.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.293 min Scan# 1985

Delta R.T. 0.010 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

Instrument :

BNA_N

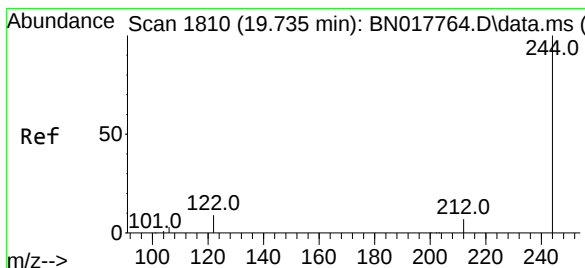
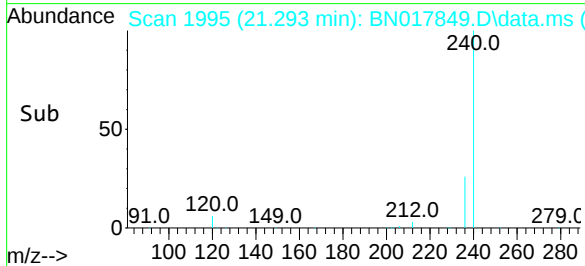
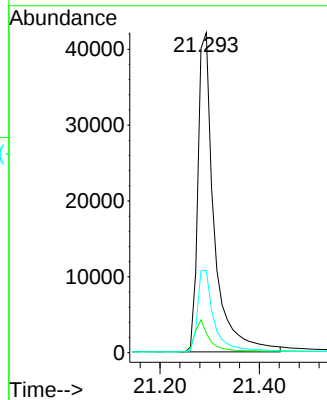
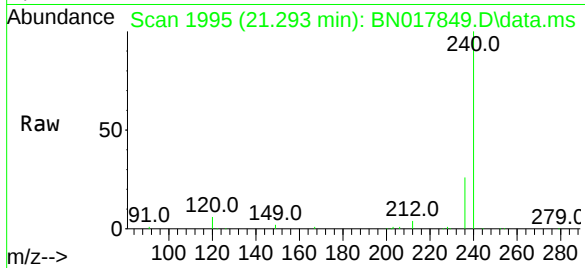
ClientSampleId :

RE132D3-20211129DL

Tgt Ion:240 Resp: 95352
 Ion Ratio Lower Upper
 240 100
 120 6.1 7.9 11.9
 236 25.7 21.4 32.2

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



#31

Terphenyl-d14

Concen: 0.262 ng

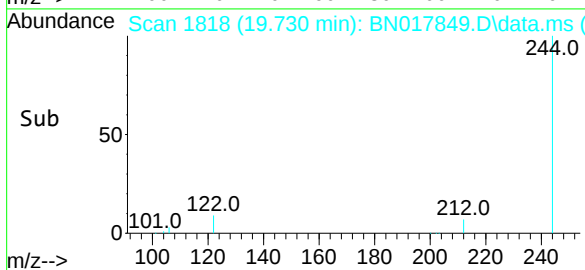
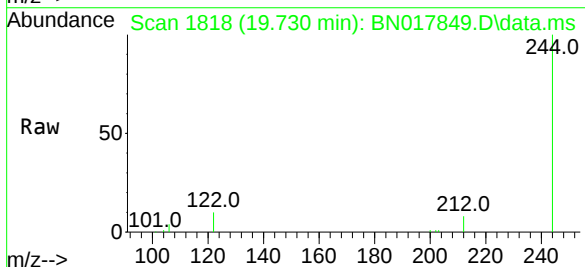
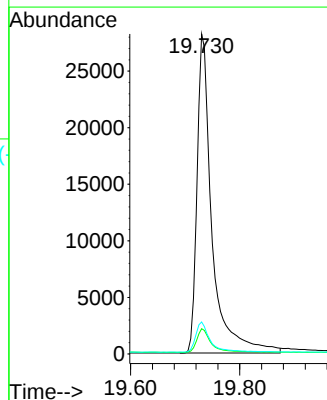
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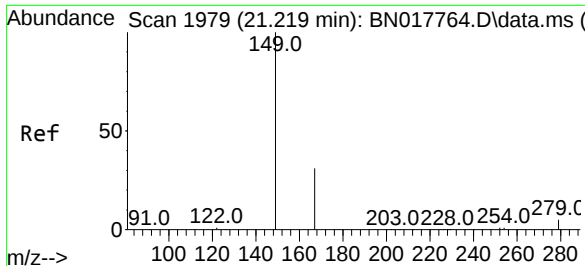
Delta R.T. -0.005 min

Lab File: BN017849.D

Acq: 09 Dec 2021 23:54

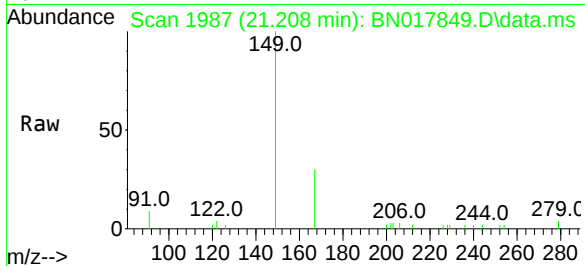
Tgt Ion:244 Resp: 53746
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 10.0 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017849.D
Acq: 09 Dec 2021 23:54

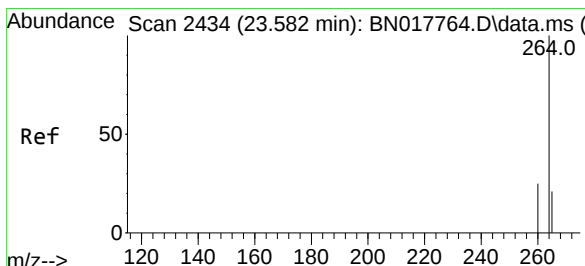
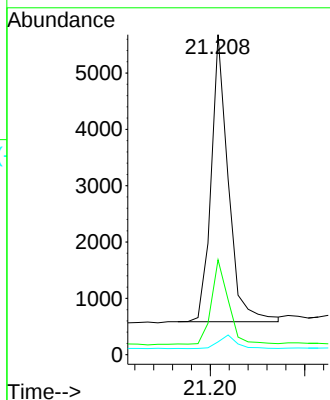
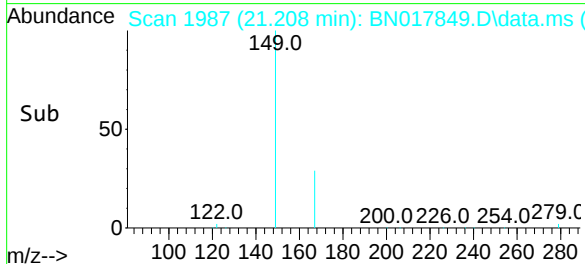
Instrument :
BNA_N
ClientSampleId :
RE132D3-20211129DL



Tgt Ion:149 Resp: 6427
Ion Ratio Lower Upper
149 100
167 29.1 23.5 35.3
279 5.0 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: BN017849.D
Acq: 09 Dec 2021 23:54

Tgt Ion:264 Resp: 64627
Ion Ratio Lower Upper
264 100
260 24.7 20.0 30.0
265 23.0 20.5 30.7

