

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017786.D
 Acq On : 08 Dec 2021 06:10
 Operator : CG/JU
 Sample : M4918-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-40

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 08 07:35:49 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	19354	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	78995	0.400	ng	# 0.00
13) Acenaphthene-d10	14.348	164	82912	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	116641	0.400	ng	# 0.00
29) Chrysene-d12	21.283	240	116462	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	115056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9199	0.197	ng	0.00
5) Phenol-d6	6.913	99	4025	0.091	ng	0.00
8) Nitrobenzene-d5	8.859	82	41855m	0.797	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	47518	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	16773	0.387	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	90947	0.300	ng	0.00
27) Fluoranthene-d10	19.130	212	134045	0.344	ng	0.00
31) Terphenyl-d14	19.730	244	124266	0.497	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	10802	0.052	ng	# 51
12) 2-Methylnaphthalene	12.161	142	6927	0.046	ng	# 58
24) Pentachlorophenol	16.752	266	368	0.291	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.219	149	110976	0.683	ng	100

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

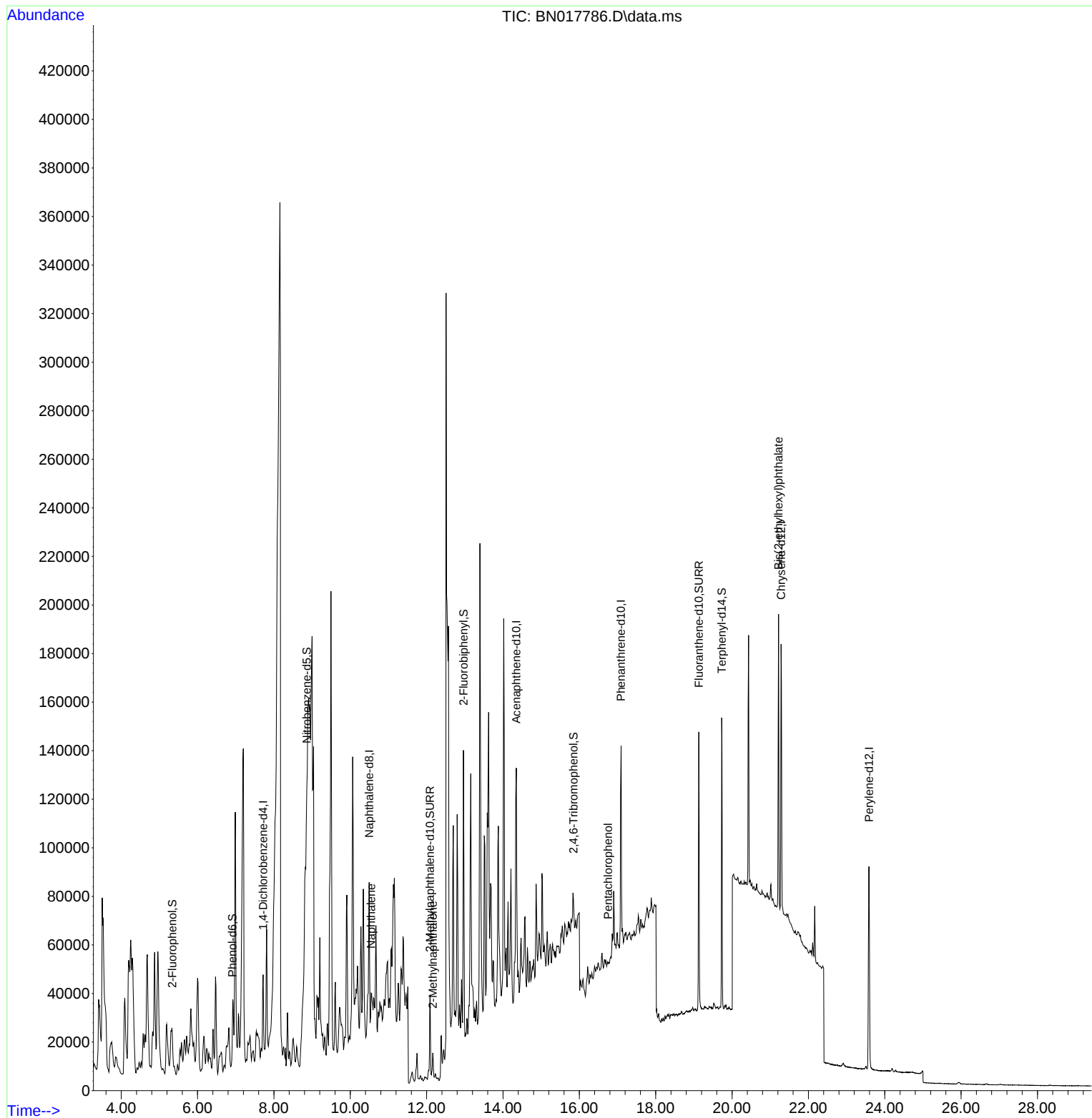
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017786.D
Acq On : 08 Dec 2021 06:10
Operator : CG/JU
Sample : M4918-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

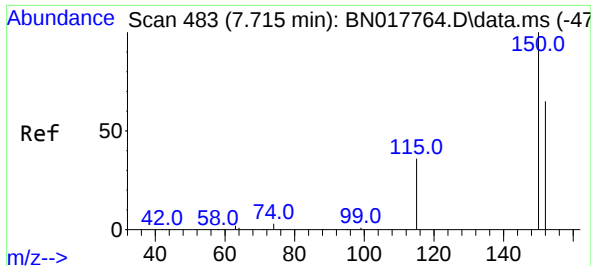
Instrument :
BNA_N
ClientSampleId :
MW-40

Manual Integrations
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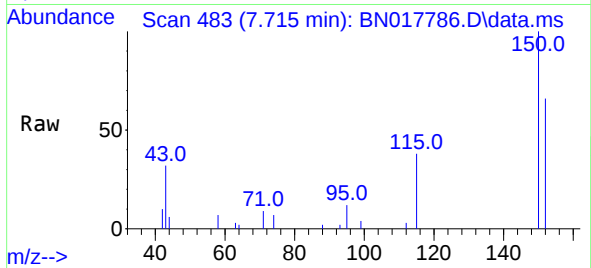
Quant Time: Dec 08 07:35:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

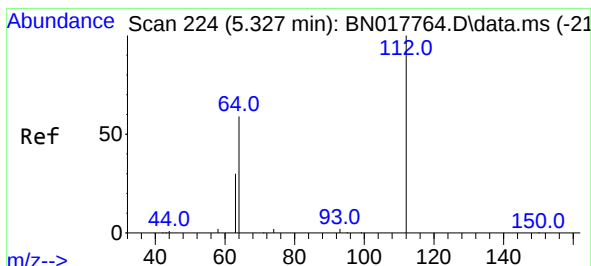
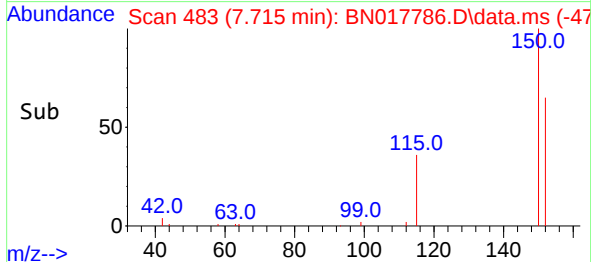
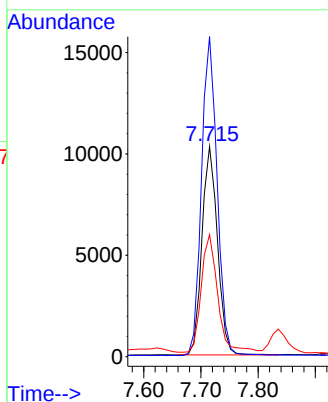
Instrument :
BNA_N
ClientSampleId :
MW-40



Tgt Ion:152 Resp: 19354
Ion Ratio Lower Upper
152 100
150 152.2 123.0 184.4
115 58.1 45.3 67.9

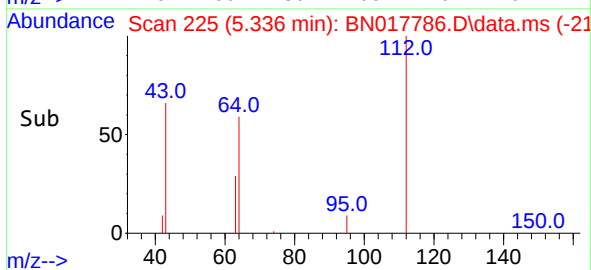
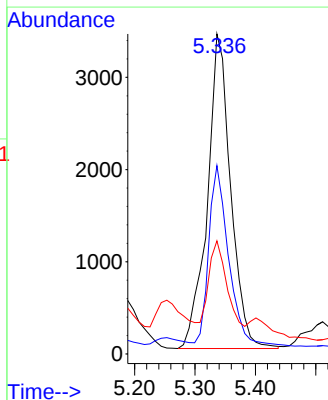
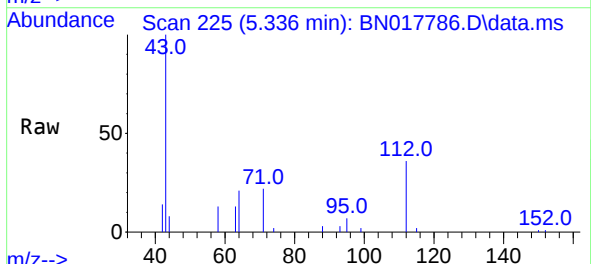
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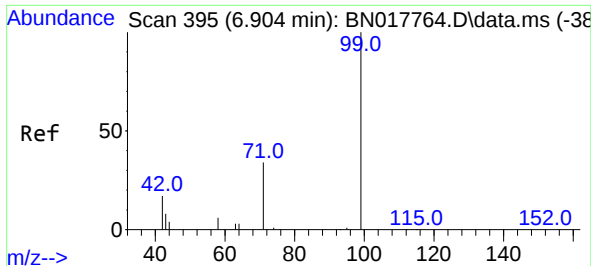
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#4
2-Fluorophenol
Concen: 0.197 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

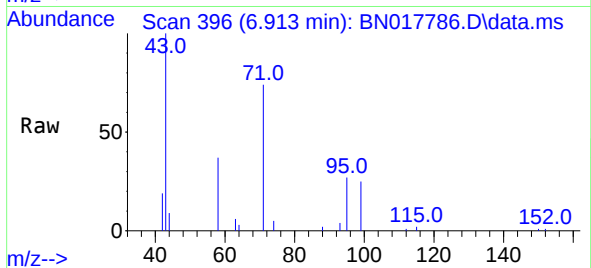
Tgt Ion:112 Resp: 9199
Ion Ratio Lower Upper
112 100
64 46.8 49.3 73.9#
63 20.4 25.8 38.8#





#5
Phenol-d6
Concen: 0.091 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

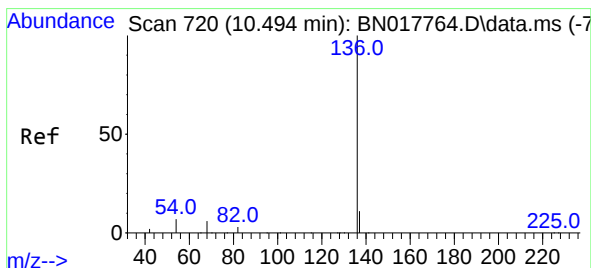
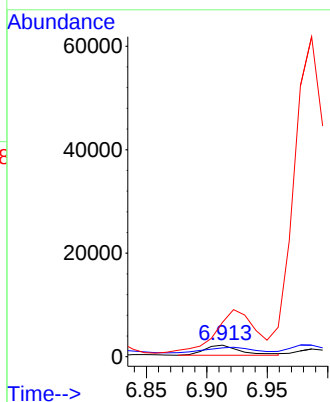
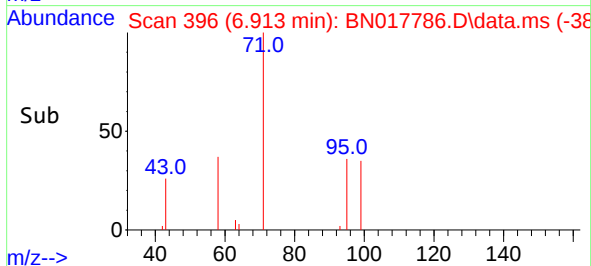
Instrument :
BNA_N
ClientSampleId :
MW-40



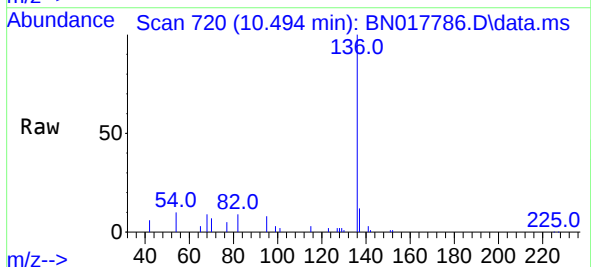
Tgt Ion: 99 Resp: 402
Ion Ratio Lower Upper
99 100
42 68.4 16.6 25.0#
71 474.2 29.0 43.4#

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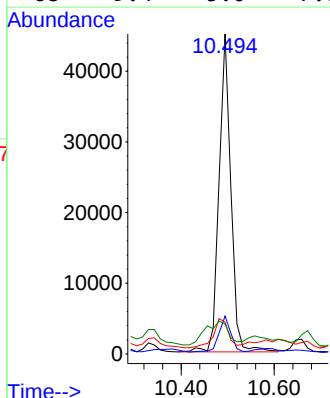
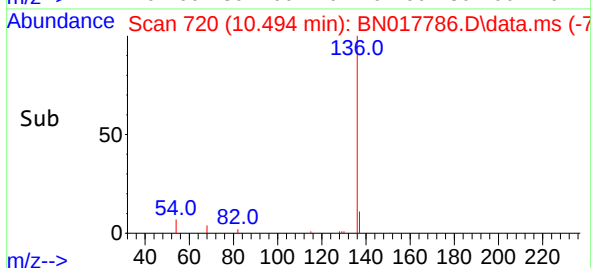
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Supervised By :mohammad ahmed 12/15/2021

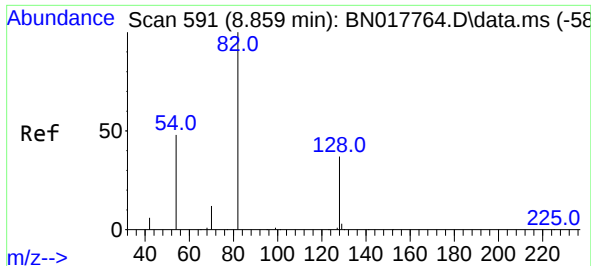


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10



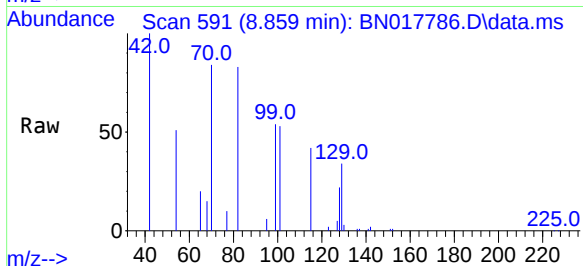
Tgt Ion:136 Resp: 78995
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 10.0 5.9 8.9#
68 9.4 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.797 ng m
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

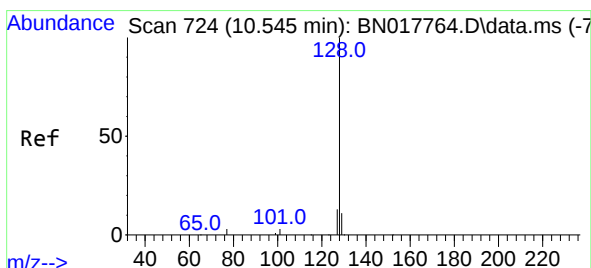
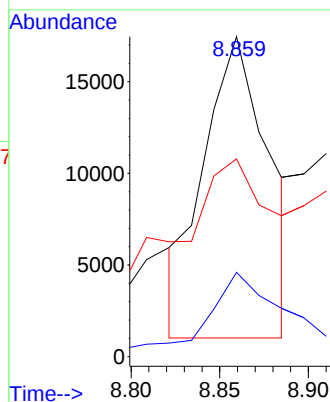
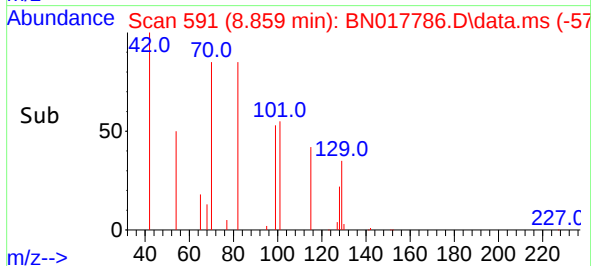
Instrument :
BNA_N
ClientSampleId :
MW-40



Tgt Ion: 82 Resp: 4185
Ion Ratio Lower Upper
82 100
128 26.3 30.2 45.2
54 61.8 39.0 58.6

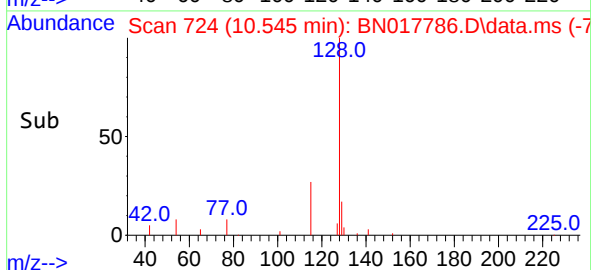
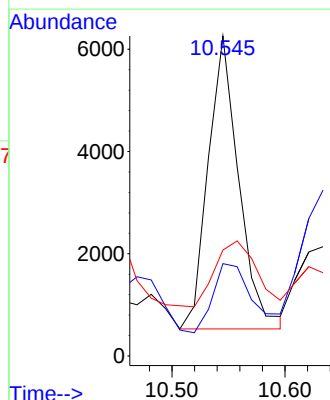
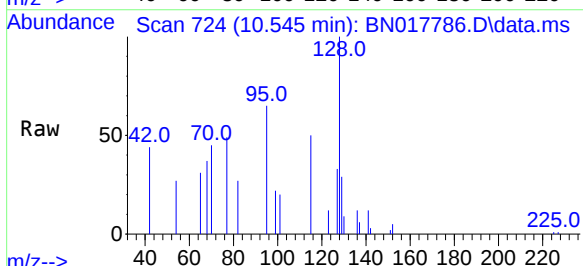
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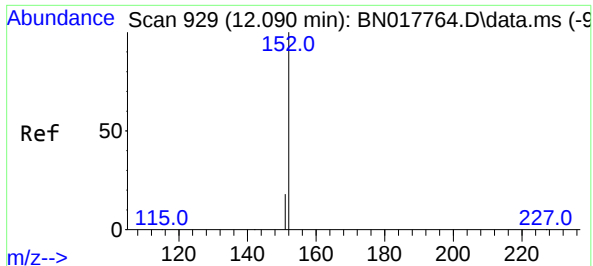
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.052 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion:128 Resp: 10802
Ion Ratio Lower Upper
128 100
129 28.8 8.8 13.2#
127 33.1 10.6 15.8#





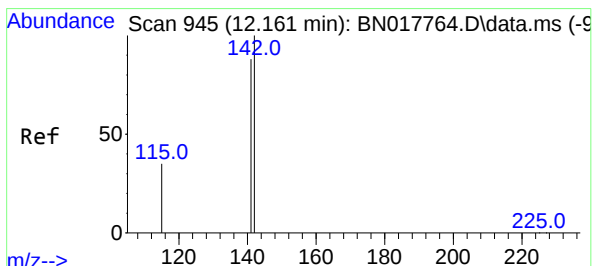
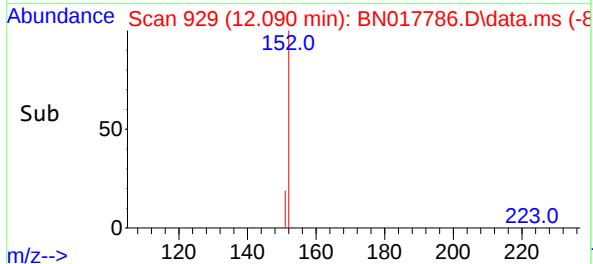
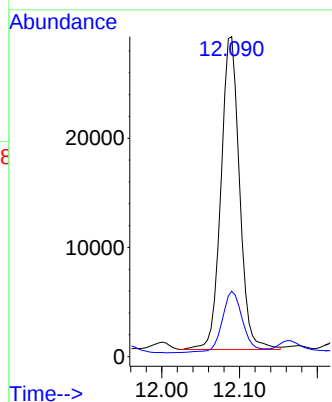
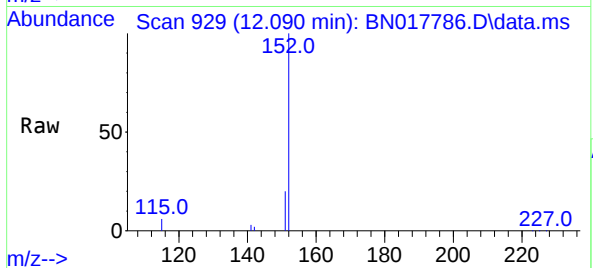
#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.090 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Instrument :
BNA_N
ClientSampleId :
MW-40

Tgt Ion:152 Resp: 47518
Ion Ratio Lower Upper
152 100
151 22.1 16.4 24.6

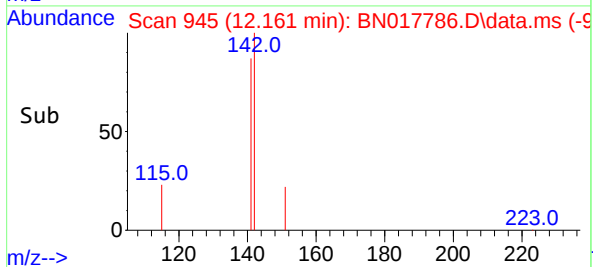
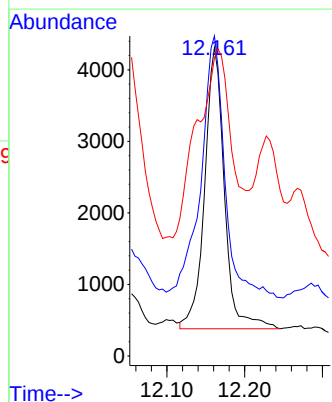
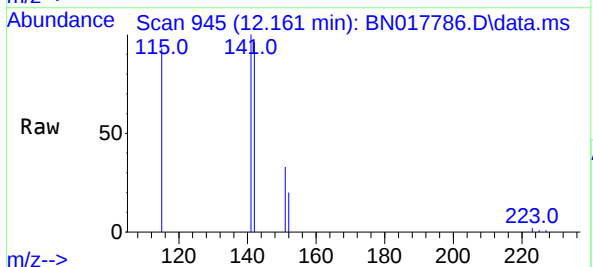
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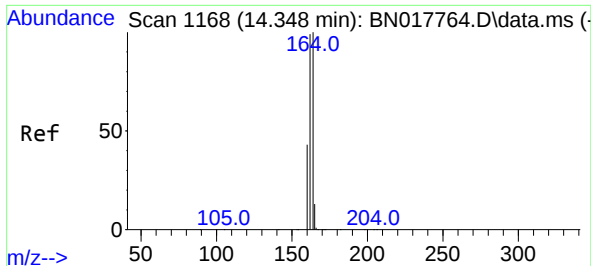
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#12
2-Methylnaphthalene
Concen: 0.046 ng
RT: 12.161 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

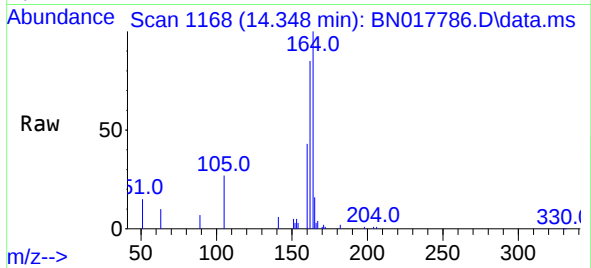
Tgt Ion:142 Resp: 6927
Ion Ratio Lower Upper
142 100
141 103.7 70.5 105.7
115 96.6 28.0 42.0#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.348 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

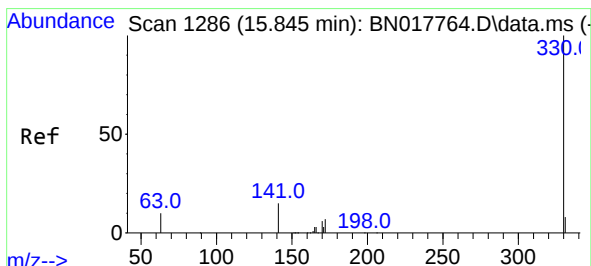
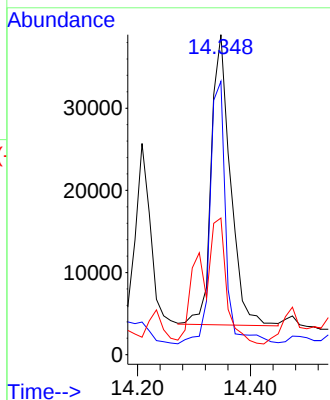
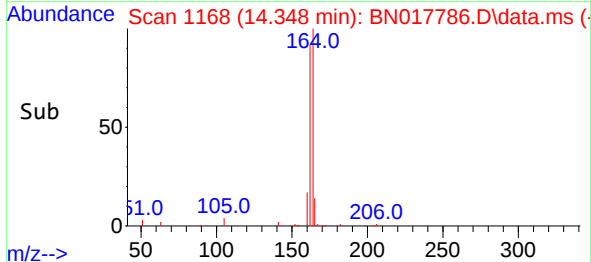
Instrument :
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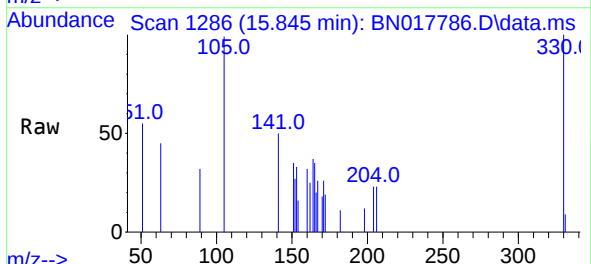
Tgt Ion:164 Resp: 82912
Ion Ratio Lower Upper
164 100
162 85.4 79.0 118.6
160 42.7 34.6 52.0

Manual Integrations
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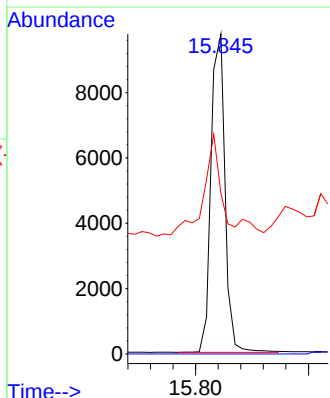
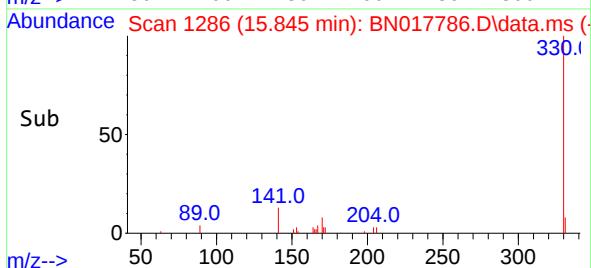
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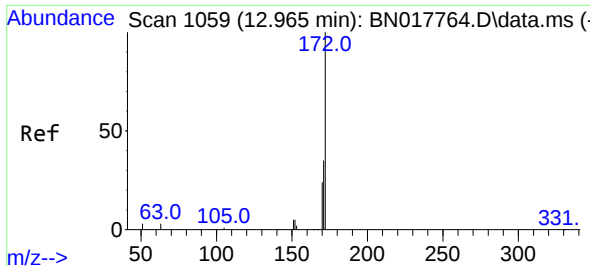


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10



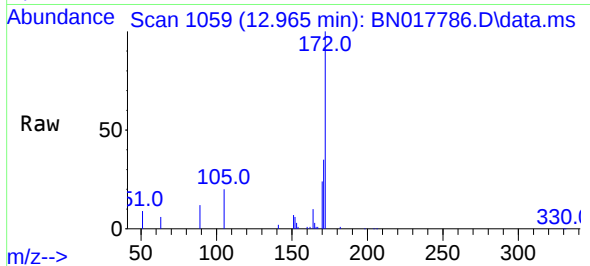
Tgt Ion:330 Resp: 16773
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

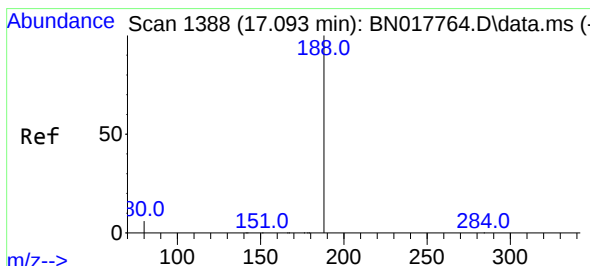
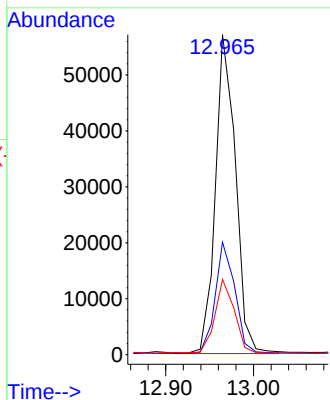
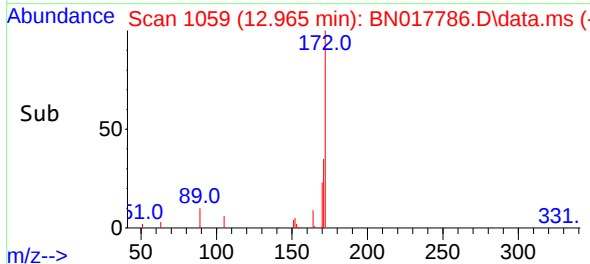
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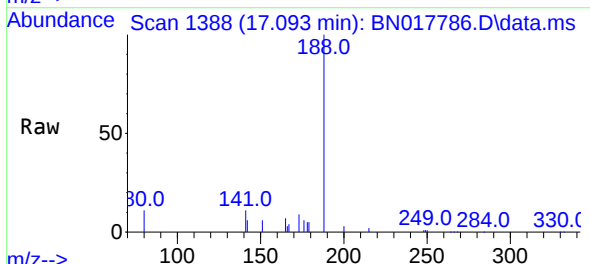
Tgt Ion:172 Resp: 9094
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.9 28.3

Manual Integrations
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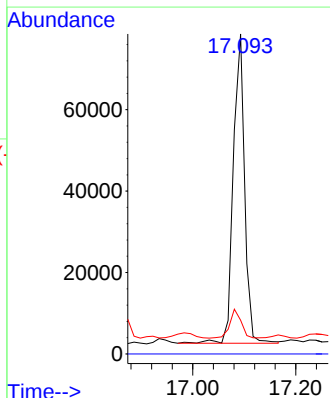
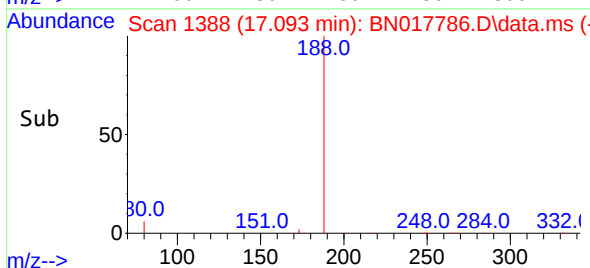
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

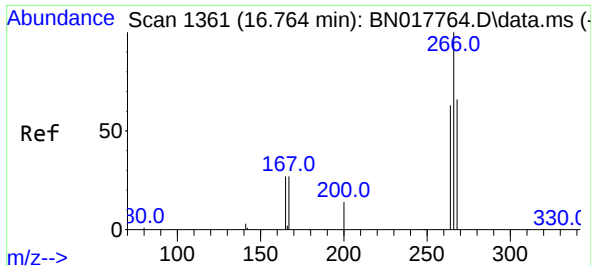


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10



Tgt Ion:188 Resp: 116641
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 5.1 7.7#





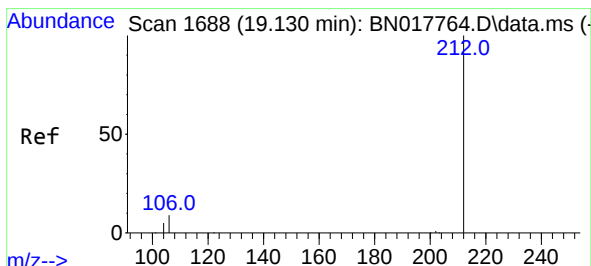
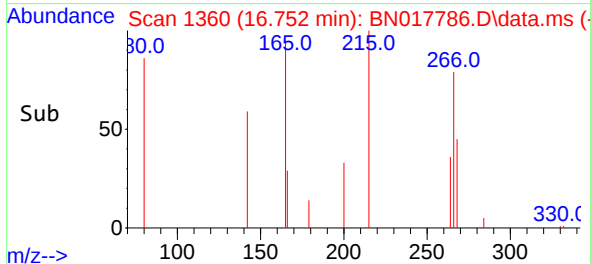
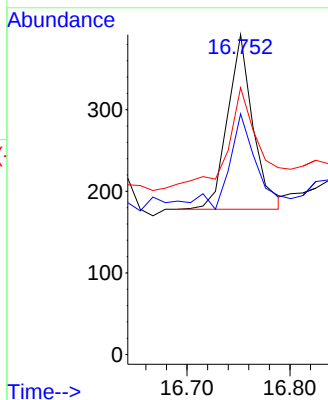
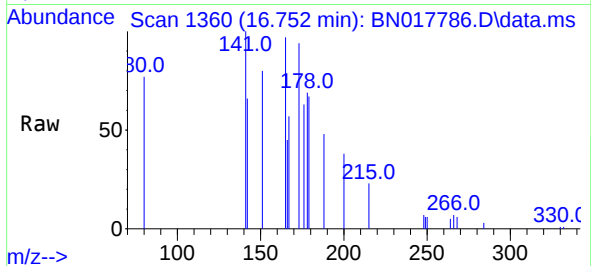
#24
Pentachlorophenol
Concen: 0.291 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Instrument :
BNA_N
ClientSampleId :
MW-40

Tgt Ion:266 Resp: 368
Ion Ratio Lower Upper
266 100
264 48.1 50.8 76.2
268 61.7 51.8 77.6

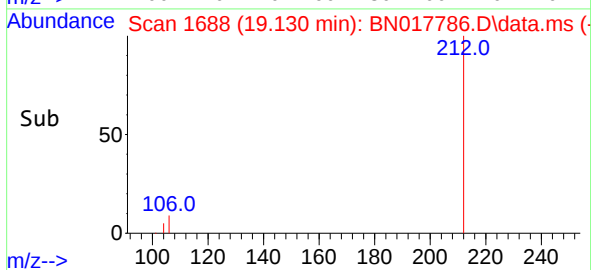
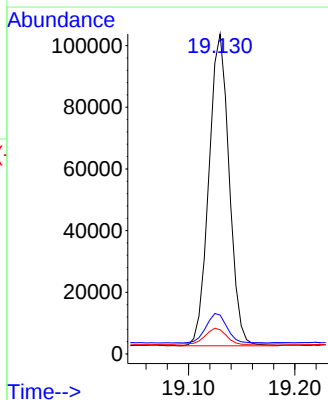
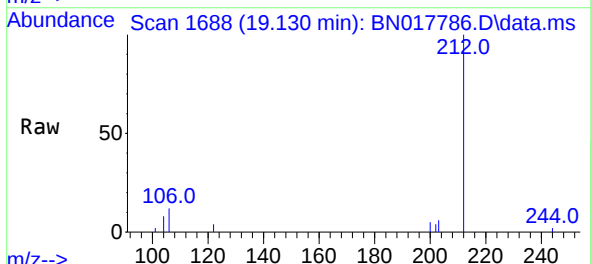
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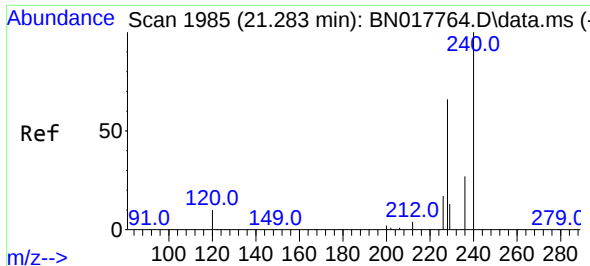
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.130 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

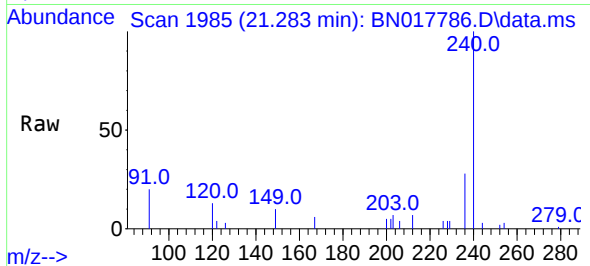
Tgt Ion:212 Resp: 134045
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 5.4 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

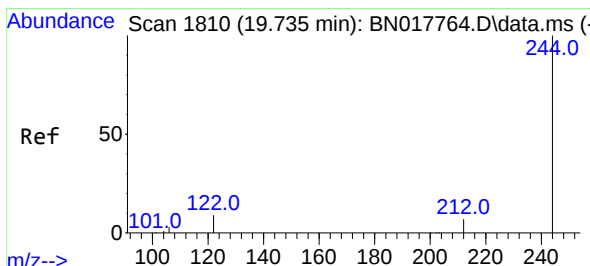
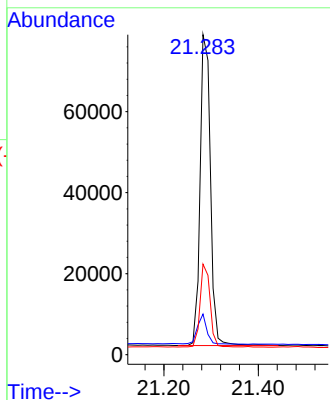
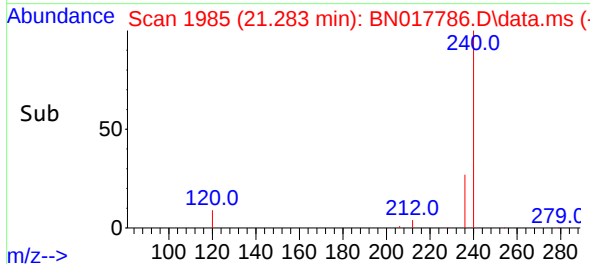
Instrument :
BNA_N
ClientSampleId :
MW-40



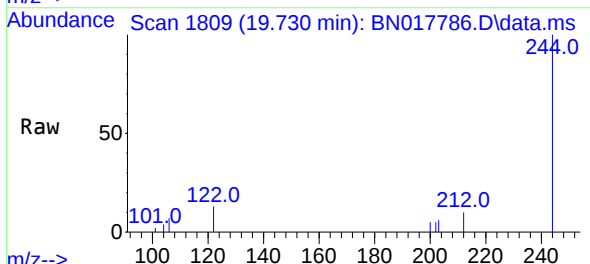
Tgt Ion:240 Resp: 116462
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 28.3 21.4 32.2

Manual Integrations
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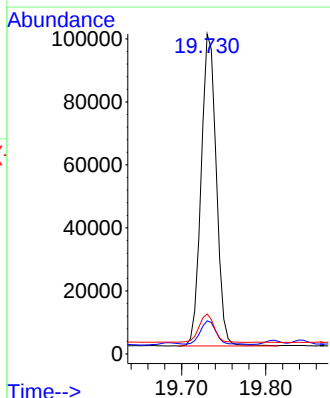
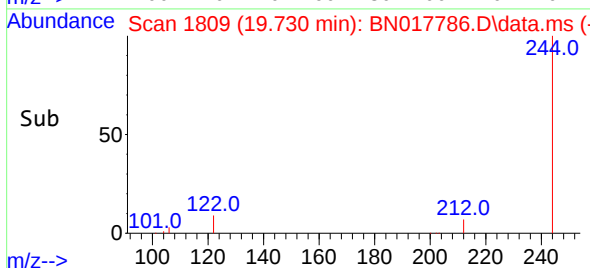
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

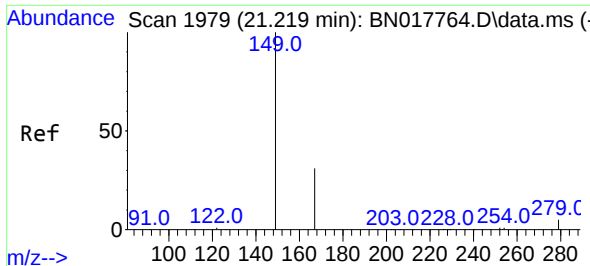


#31
Terphenyl-d14
Concen: 0.497 ng
RT: 19.730 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10



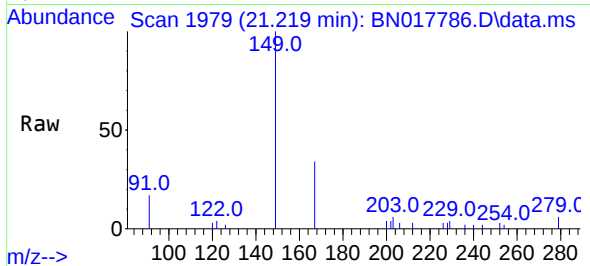
Tgt Ion:244 Resp: 124266
Ion Ratio Lower Upper
244 100
212 10.4 5.8 8.8#
122 12.5 7.1 10.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.683 ng
RT: 21.219 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

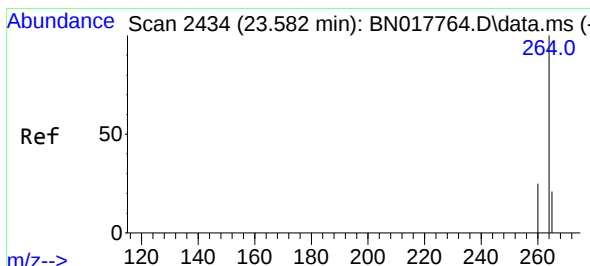
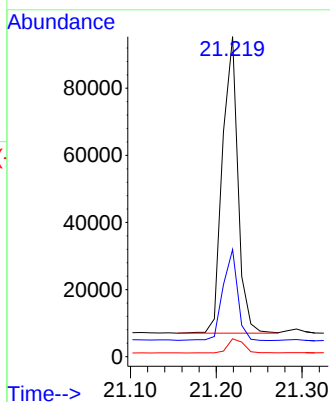
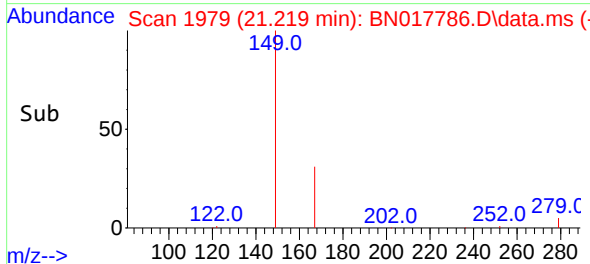
Instrument :
BNA_N
ClientSampleId :
MW-40



Tgt Ion:149 Resp: 110970
Ion Ratio Lower Upper
149 100
167 29.2 23.5 35.3
279 4.9 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2435
Delta R.T. 0.003 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion:264 Resp: 115056
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 26.1 20.5 30.7

