

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017739.D
 Acq On : 06 Dec 2021 19:55
 Operator : CG/JU
 Sample : M4917-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-36

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 07 06:52:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	16493	0.40	ng	0.00
7) Naphthalene-d8	10.532	136	66409	0.40	ng	# 0.00
13) Acenaphthene-d10	14.373	164	46932	0.40	ng	0.00
19) Phenanthrene-d10	17.117	188	97327	0.40	ng	# 0.00
29) Chrysene-d12	21.304	240	94564	0.40	ng	# 0.00
35) Perylene-d12	23.617	264	90557	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.373	112	7523	0.21	ng	0.02
5) Phenol-d6	6.941	99	4329	0.11	ng	0.00
8) Nitrobenzene-d5	8.898	82	17124	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	42126	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	14101	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	70867	0.41	ng	0.00
27) Fluoranthene-d10	19.155	212	116873	0.36	ng	0.00
31) Terphenyl-d14	19.755	244	101091	0.42	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.208	93	218	0.01	ng	# 18
9) Naphthalene	10.583	128	4062	0.02	ng	# 32
12) 2-Methylnaphthalene	12.197	142	2656	0.02	ng	# 53
17) Acenaphthene	14.437	154	20964	0.17	ng	99
18) Fluorene	15.426	166	9867	0.06	ng	# 94
21) 4-Bromophenyl-phenylether	16.314	248	150	0.00	ng	# 1
22) Hexachlorobenzene	16.436	284	65	0.00	ng	# 1
24) Pentachlorophenol	16.776	266	610	0.20	ng	97
25) Phenanthrene	17.154	178	29344m	0.11	ng	
34) Bis(2-ethylhexyl)phtha...	21.240	149	25633	0.17	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.992	276	762	0.00	ng	# 54

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

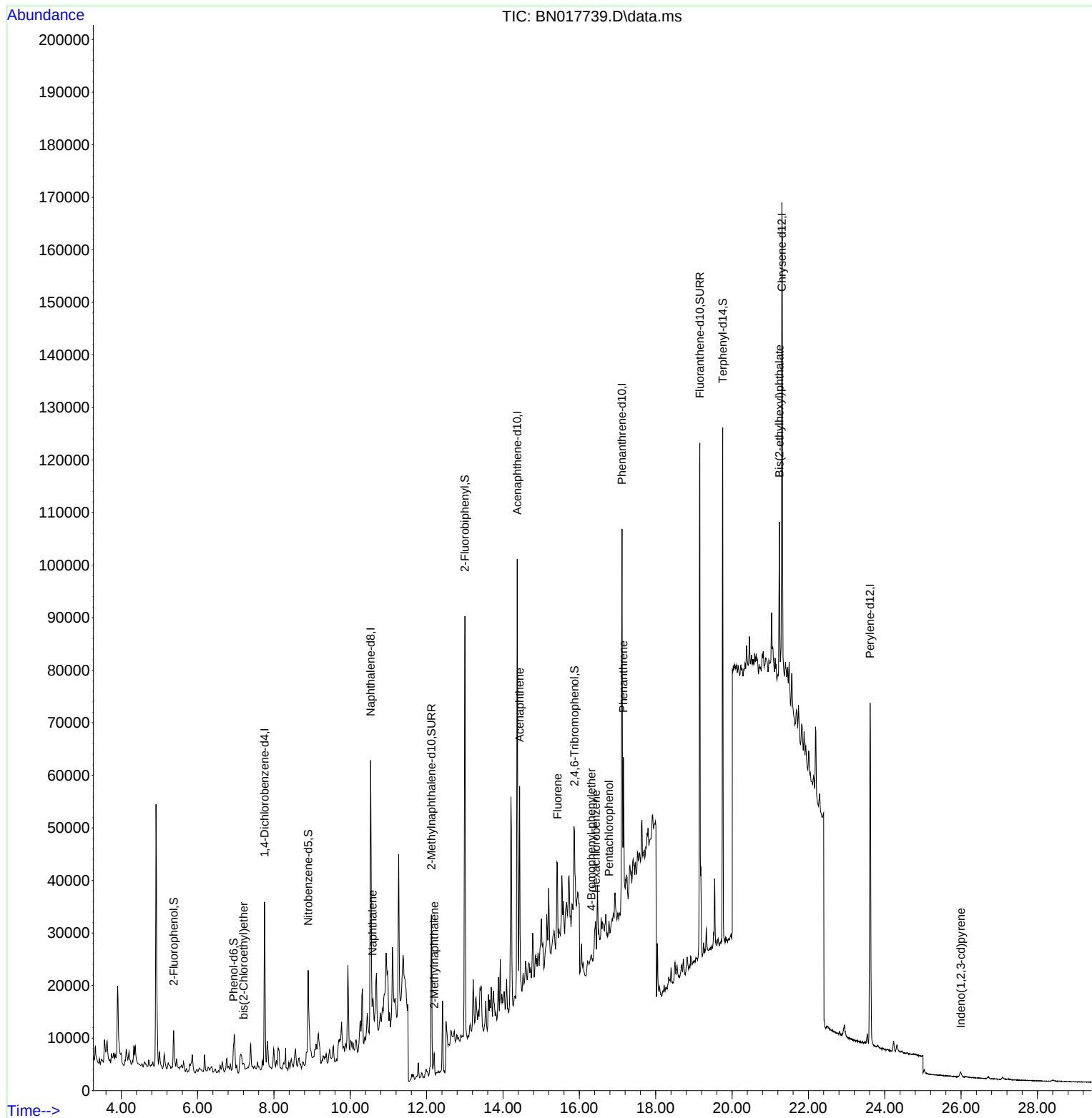
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
Data File : BN017739.D
Acq On : 06 Dec 2021 19:55
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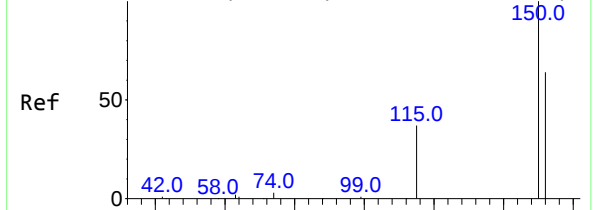
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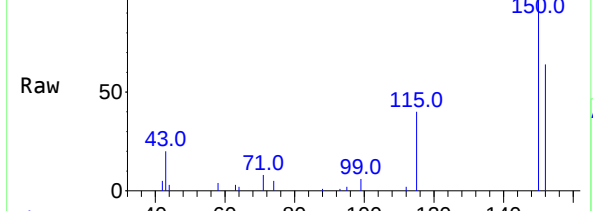


Abundance Scan 487 (7.752 min): BN017727.D\data.ms (-48



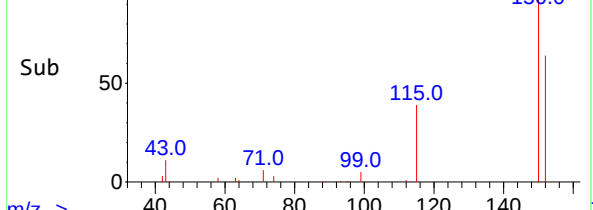
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Abundance Scan 487 (7.752 min): BN017739.D\data.ms



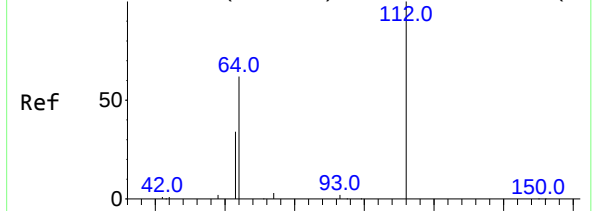
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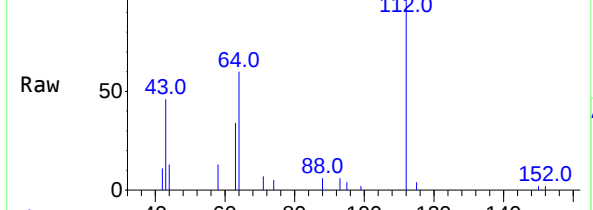
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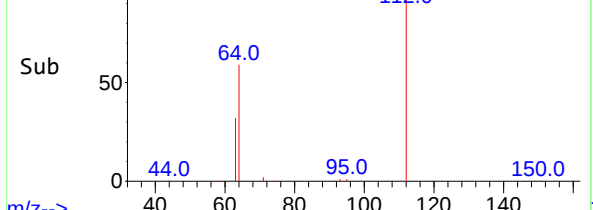
m/z-->

Abundance Scan 229 (5.373 min): BN017739.D\data.ms



m/z-->

Abundance Scan 229 (5.373 min): BN017739.D\data.ms (-21



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.752 min Scan# 487

Delta R.T. 0.000 min

Lab File: BN017739.D

Acq: 06 Dec 2021 19:55

Tgt Ion:152 Resp: 1649

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

115 62.8 45.6 68.4

Instrument :

BNA_N

ClientSampleId :

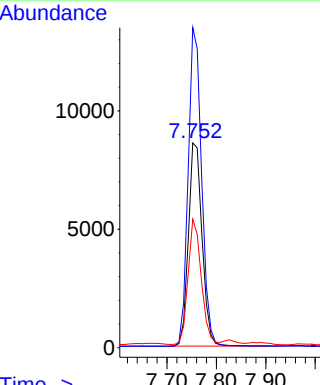
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Time-->

#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.373 min Scan# 229

Delta R.T. 0.018 min

Lab File: BN017739.D

Acq: 06 Dec 2021 19:55

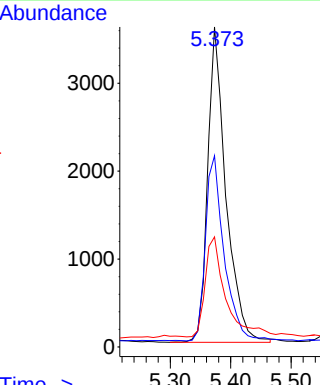
Tgt Ion:112 Resp: 7523

Ion Ratio Lower Upper

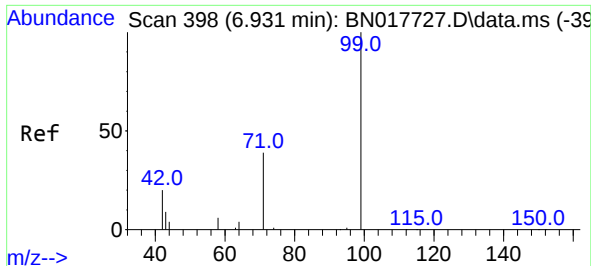
112 100

64 59.9 47.6 71.4

63 35.2 24.6 37.0



Time-->



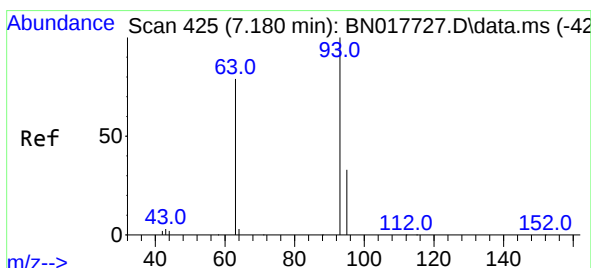
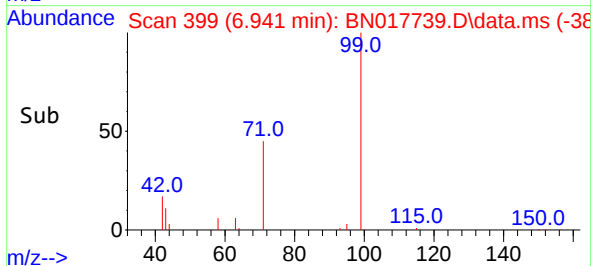
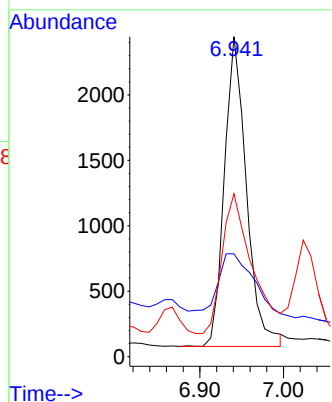
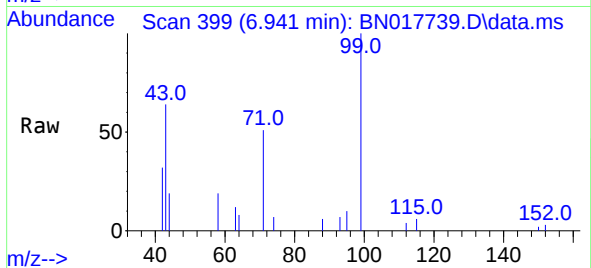
#5
Phenol-d6
Concen: 0.11 ng
RT: 6.941 min Scan# 398
Delta R.T. 0.009 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

Instrument :
BNA_N
ClientSampleId :
MW-36

Tgt Ion: 99 Resp: 4329
Ion Ratio Lower Upper
99 100
42 29.7 17.0 25.6
71 61.2 24.8 37.2

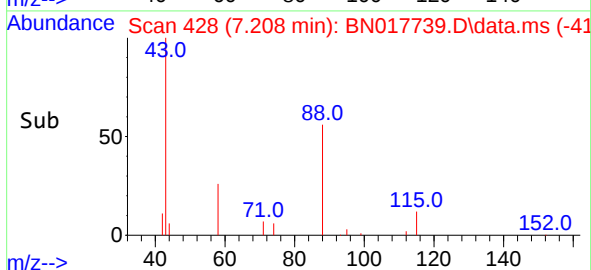
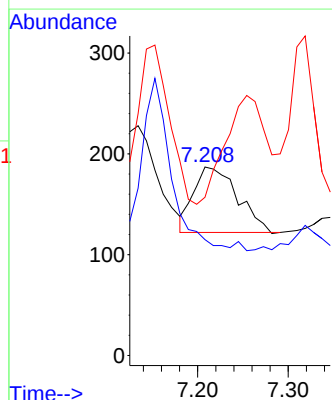
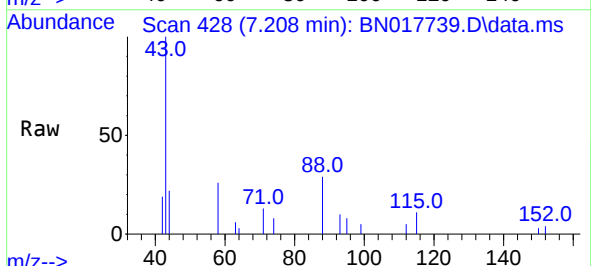
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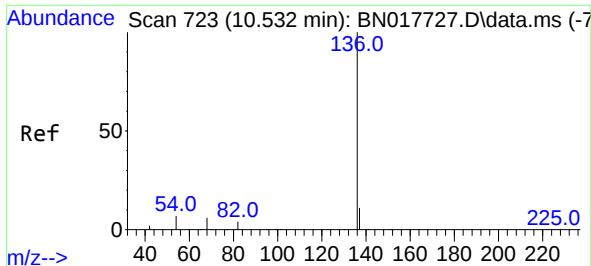
Reviewed By :Jagrut Upadhyay 12/07/2021
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#6
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 7.208 min Scan# 428
Delta R.T. 0.028 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

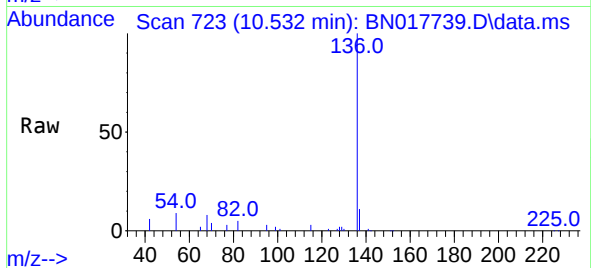
Tgt Ion: 93 Resp: 218
Ion Ratio Lower Upper
93 100
63 0.0 65.8 98.6#
95 0.0 26.6 39.8#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.532 min Scan# 723
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

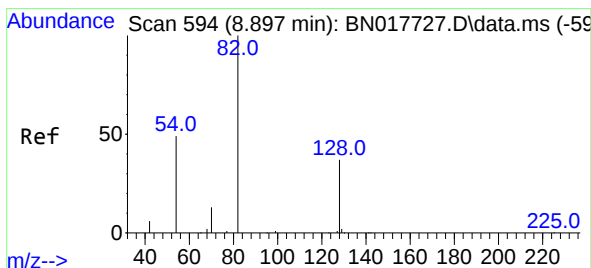
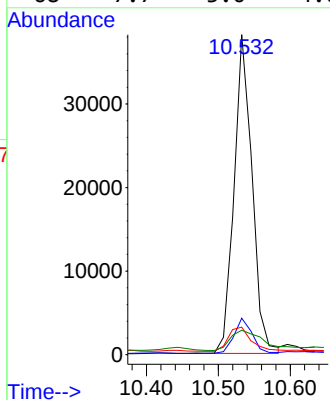
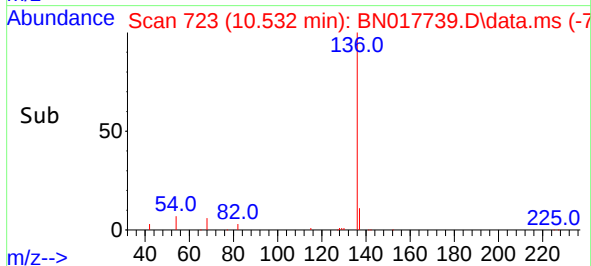
Instrument :
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MW-36



Tgt Ion:	136	Resp:	66409
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.6	4.0	6.0
68	7.7	3.0	4.6

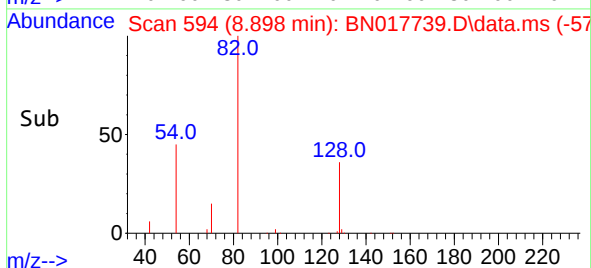
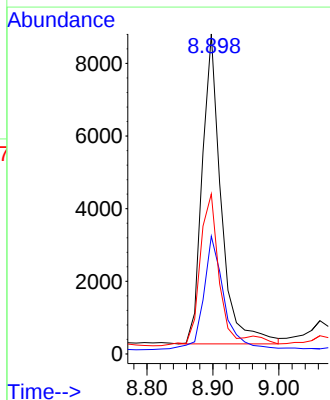
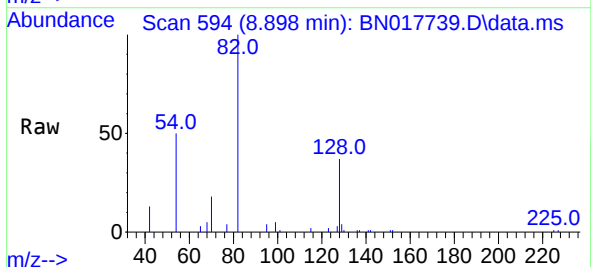
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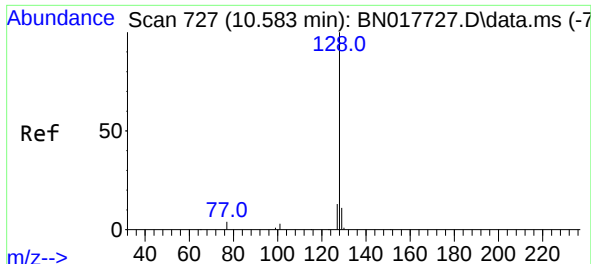
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.898 min Scan# 594
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

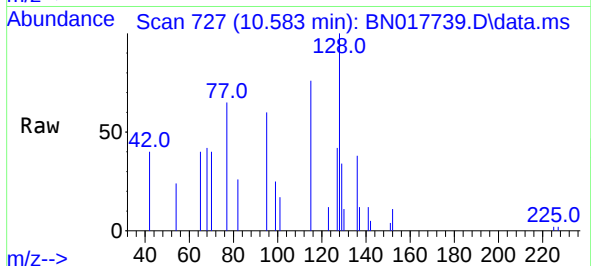
Tgt Ion:	82	Resp:	17124
Ion	Ratio	Lower	Upper
82	100		
128	36.8	27.7	41.5
54	50.0	49.2	73.8





#9
Naphthalene
Concen: 0.02 ng
RT: 10.583 min Scan# 727
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

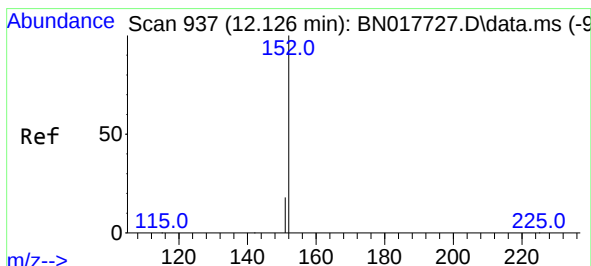
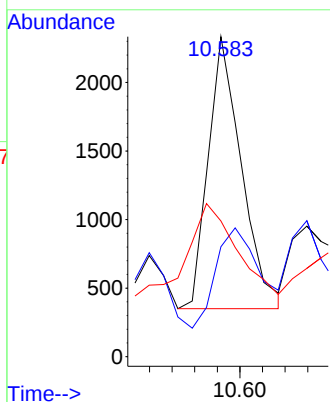
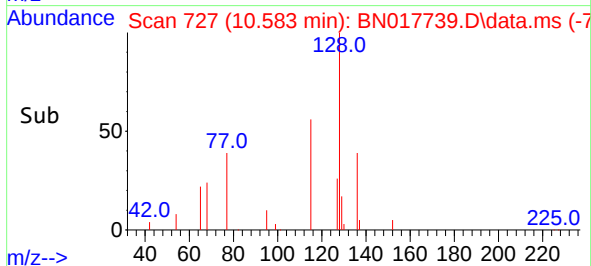
Instrument :
BNA_N
ClientSampleId :
MW-36



Tgt Ion:128 Resp: 4062
Ion Ratio Lower Upper
128 100
129 34.4 8.8 13.2
127 42.4 10.6 15.8

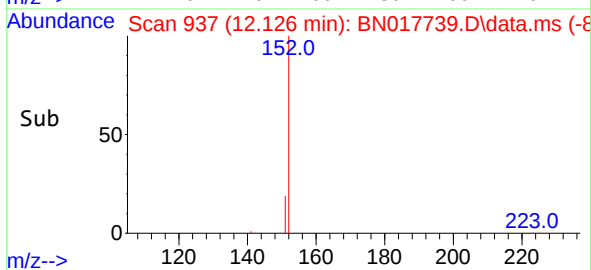
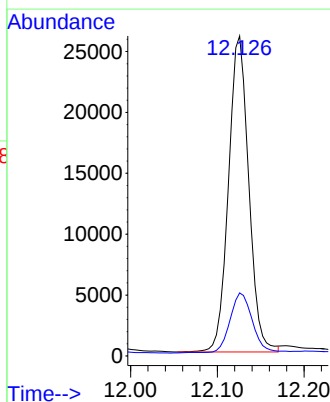
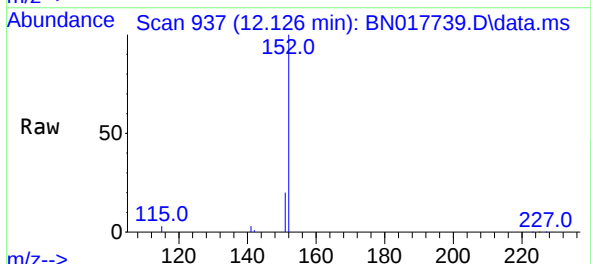
Manual Integrations
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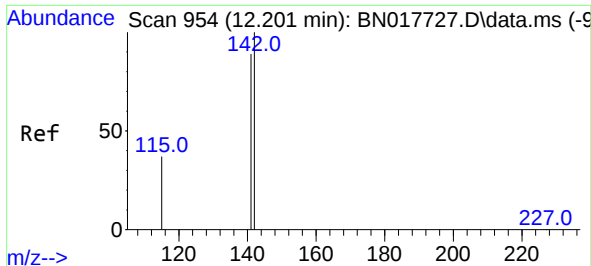
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.126 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

Tgt Ion:152 Resp: 42126
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4





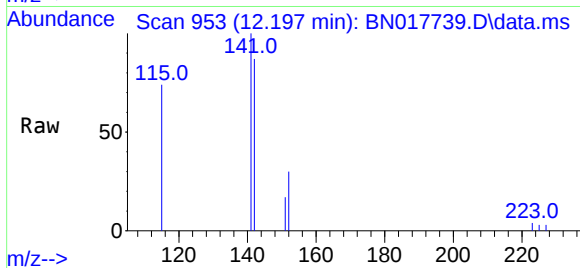
#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.197 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

Instrument :

BNA_N

ClientSampleId :

MW-36

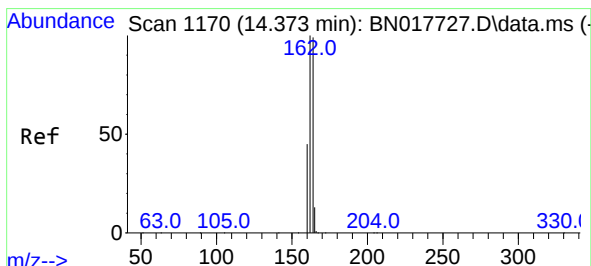
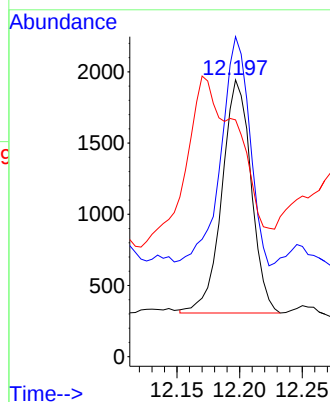
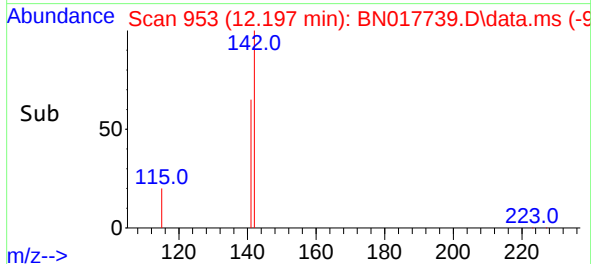


Tgt Ion:142 Resp: 2650
Ion Ratio Lower Upper
142 100
141 115.6 70.6 106.0
115 85.5 25.8 38.6

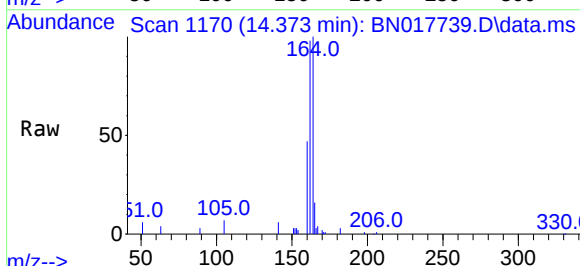
Manual Integrations

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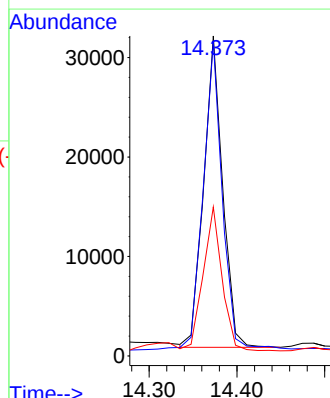
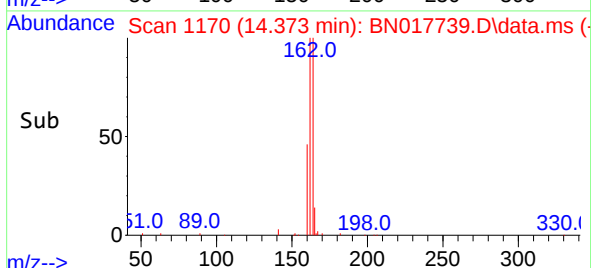
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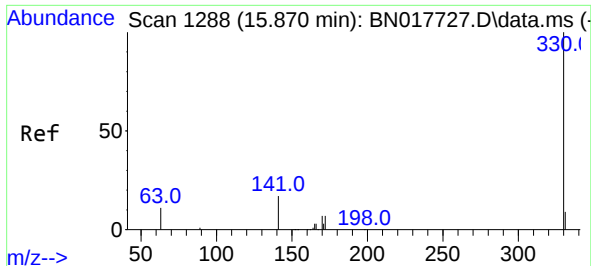


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.373 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55



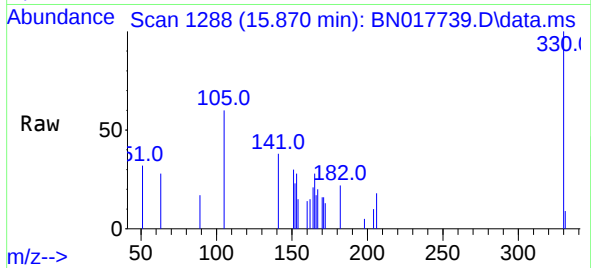
Tgt Ion:164 Resp: 46932
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.2
160 46.5 36.8 55.2





#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

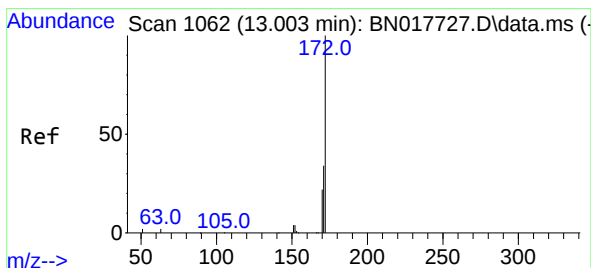
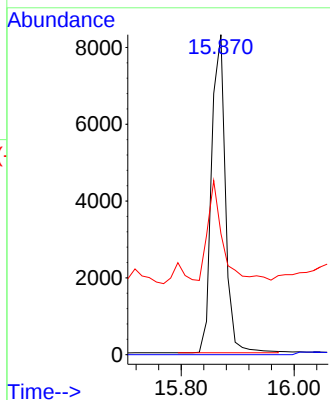
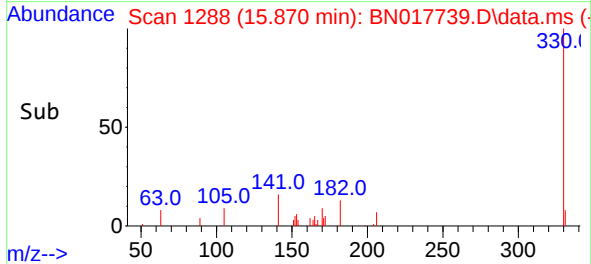
Instrument :
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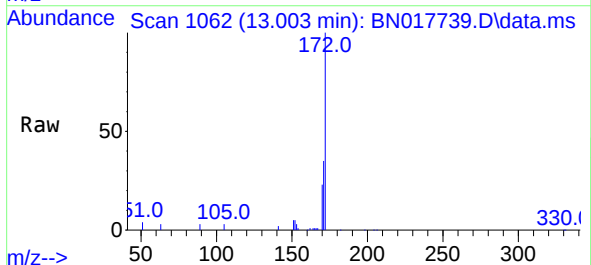
Tgt Ion:330 Resp: 1410
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.8 28.9 43.3

Manual Integrations
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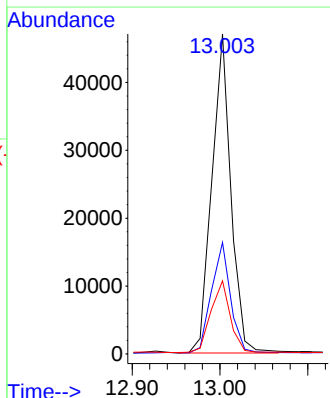
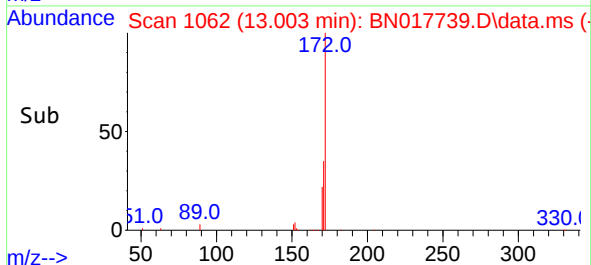
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

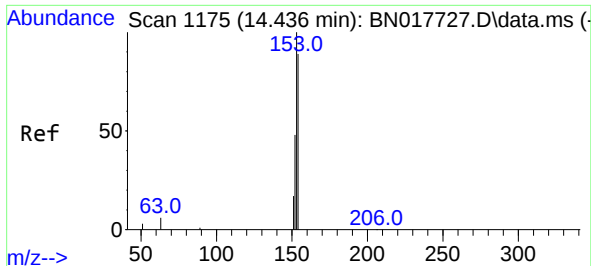


#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.003 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55



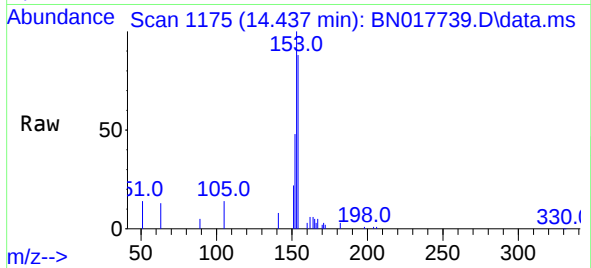
Tgt Ion:172 Resp: 70867
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.8 19.4 29.2





#17
Acenaphthene
Concen: 0.17 ng
RT: 14.437 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

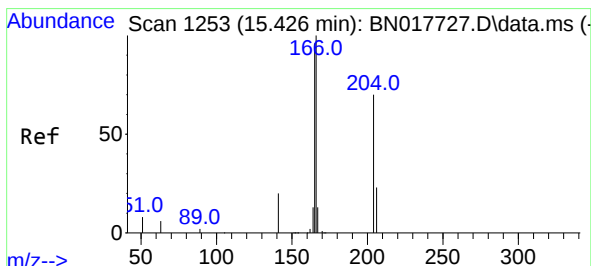
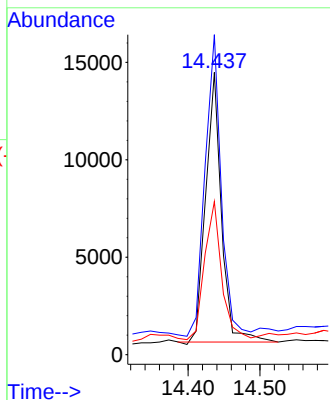
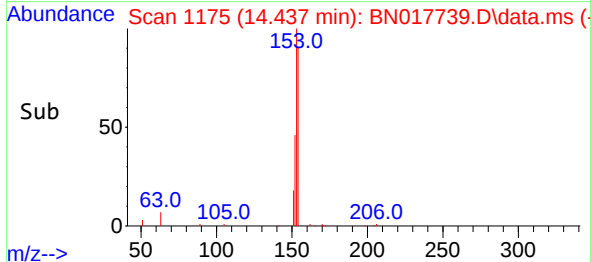
Instrument :
BNA_N
ClientSampleId :
MW-36



Tgt Ion:154 Resp: 20964
Ion Ratio Lower Upper
154 100
153 112.9 91.2 136.8
152 55.7 44.3 66.5

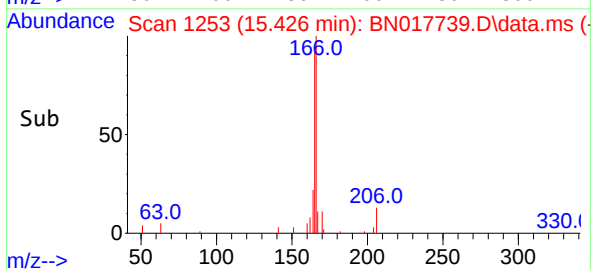
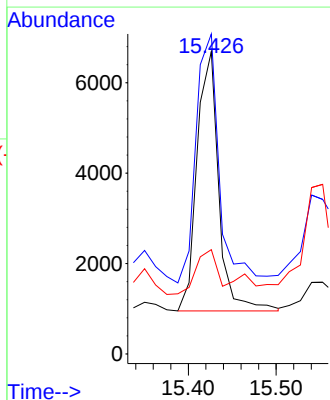
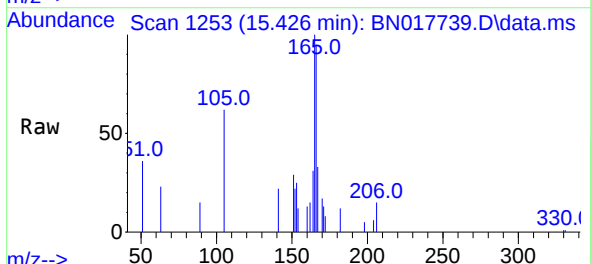
Manual Integrations
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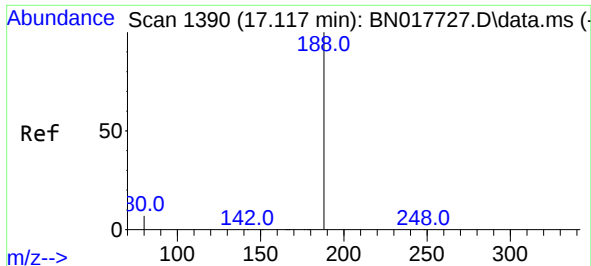
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#18
Fluorene
Concen: 0.06 ng
RT: 15.426 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

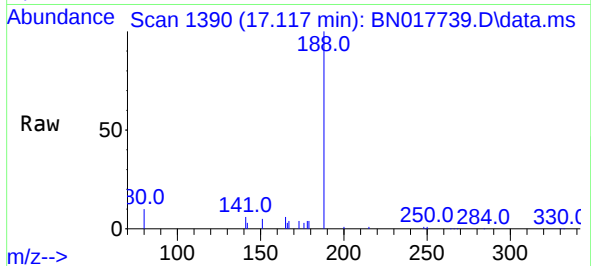
Tgt Ion:166 Resp: 9867
Ion Ratio Lower Upper
166 100
165 102.4 77.9 116.9
167 19.0 10.9 16.3#





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.117 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

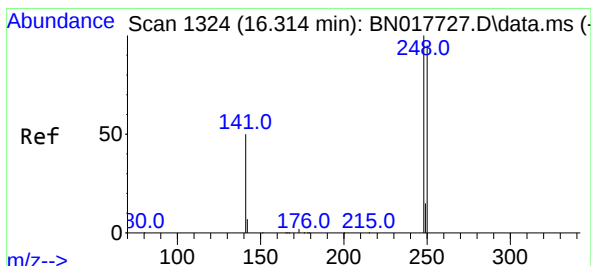
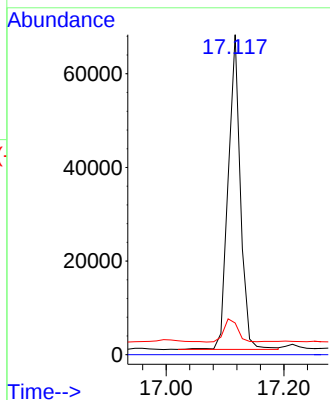
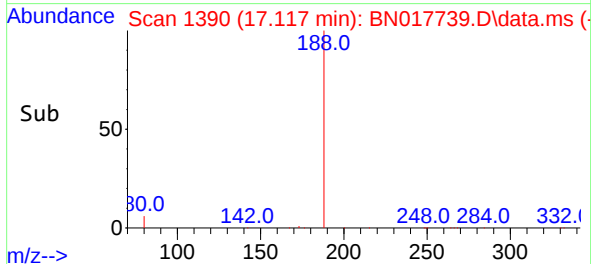
Instrument :
BNA_N
ClientSampleId :
MW-36



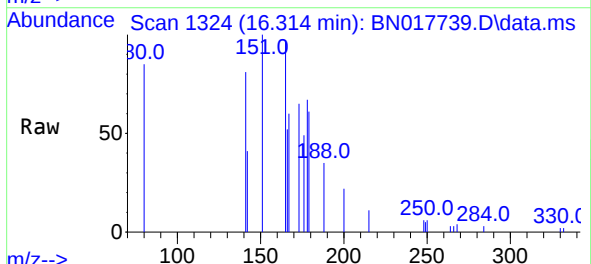
Tgt Ion:188 Resp: 9732
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 6.1 9.1

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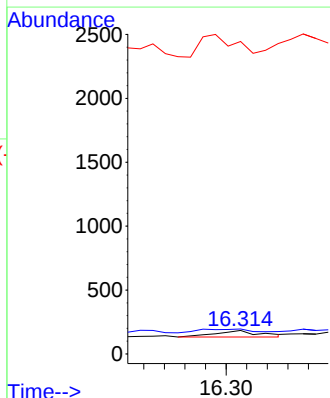
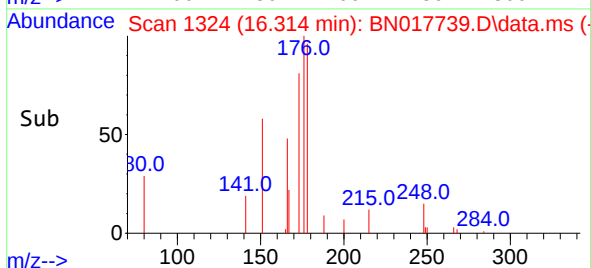
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

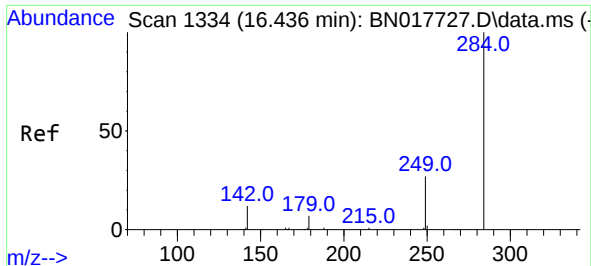


#21
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.314 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55



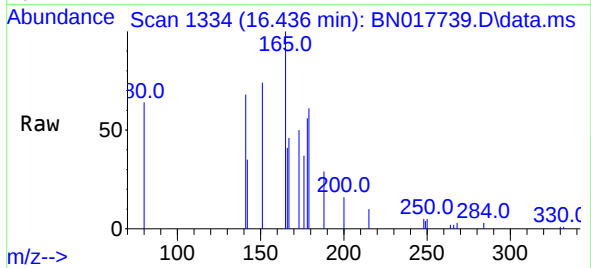
Tgt Ion:248 Resp: 150
Ion Ratio Lower Upper
248 100
250 106.0 71.8 107.8
141 1328.8 70.9 106.3





#22
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.436 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

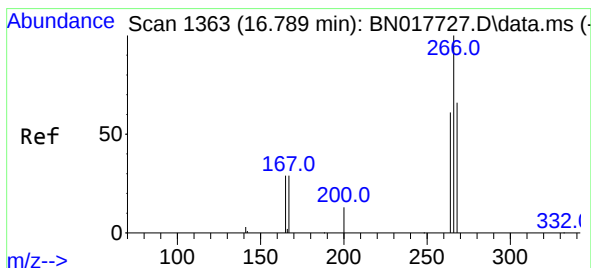
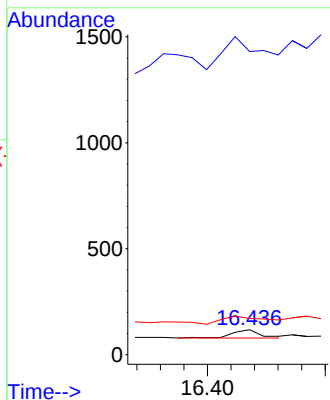
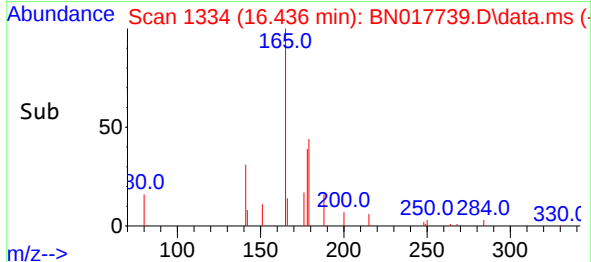
Instrument :
BNA_N
ClientSampleId :
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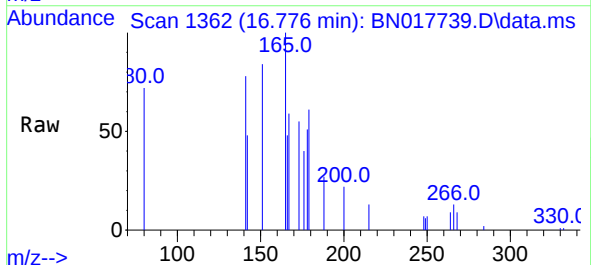
Tgt Ion:284 Resp: 610
Ion Ratio Lower Upper
284 100
142 535.4 28.2 42.2
249 149.2 24.4 36.6

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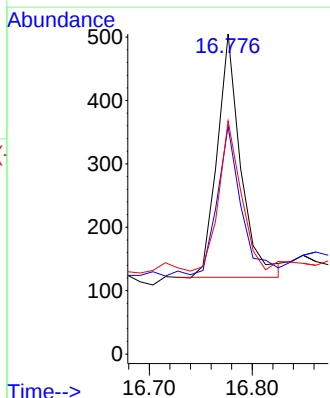
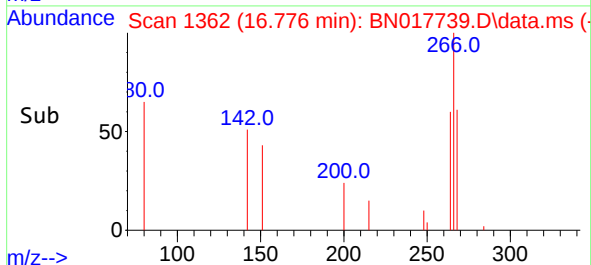
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

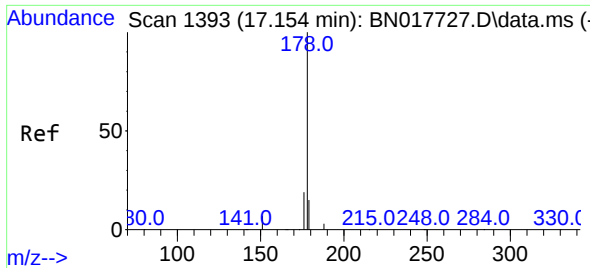


#24
Pentachlorophenol
Concen: 0.20 ng
RT: 16.776 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55



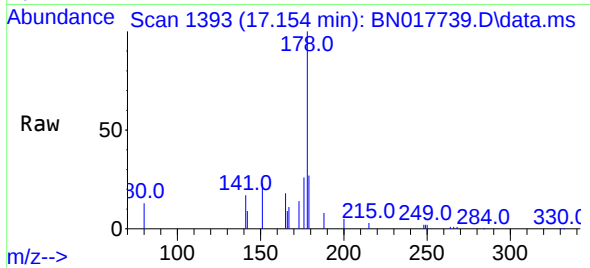
Tgt Ion:266 Resp: 610
Ion Ratio Lower Upper
266 100
264 64.4 49.8 74.8
268 61.3 51.3 76.9





#25
Phenanthrene
Concen: 0.11 ng m
RT: 17.154 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

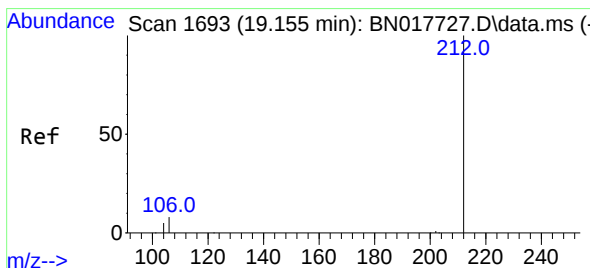
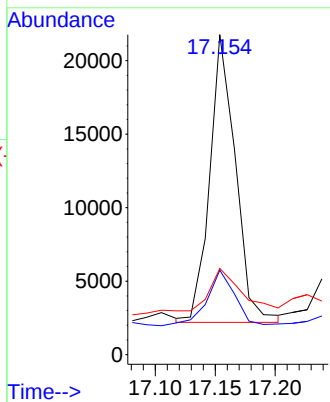
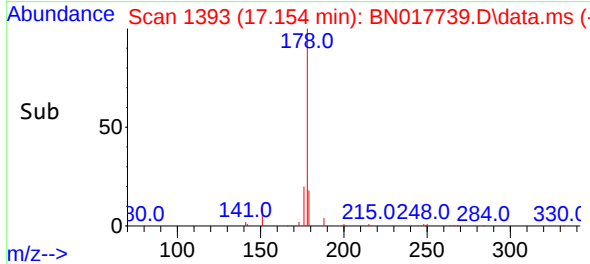
Instrument :
BNA_N
ClientSampleId :
MW-36



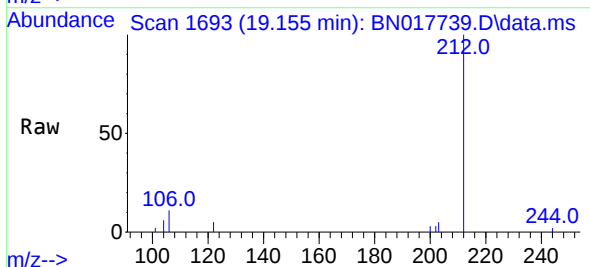
Tgt Ion:178 Resp: 29344
Ion Ratio Lower Upper
178 100
176 21.3 15.0 22.6
179 31.8 12.3 18.5

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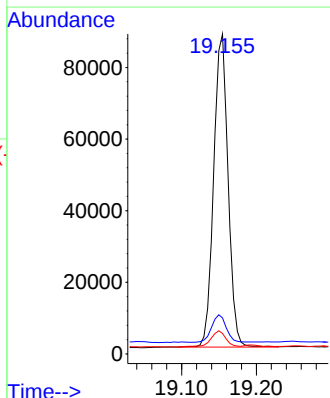
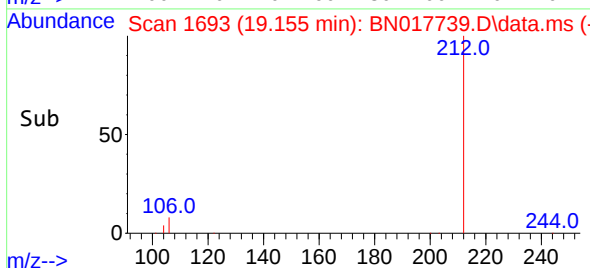
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

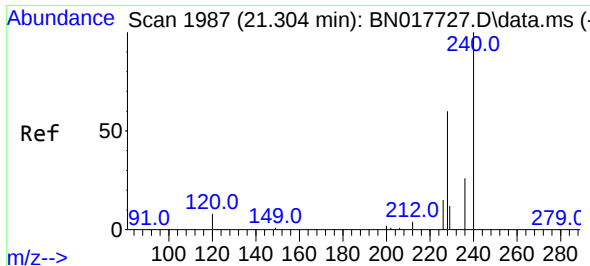


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.155 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55



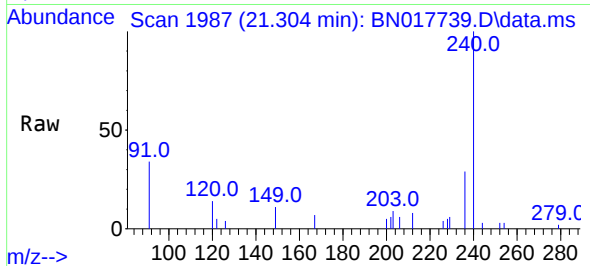
Tgt Ion:212 Resp: 116873
Ion Ratio Lower Upper
212 100
106 8.8 10.5 15.7#
104 5.4 5.8 8.6#





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.304 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

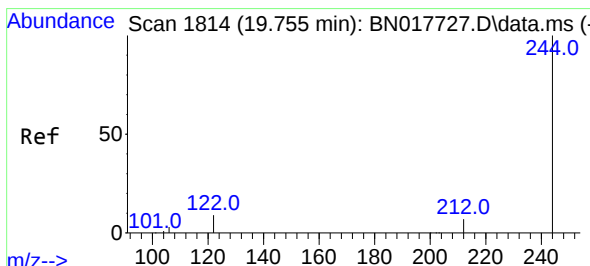
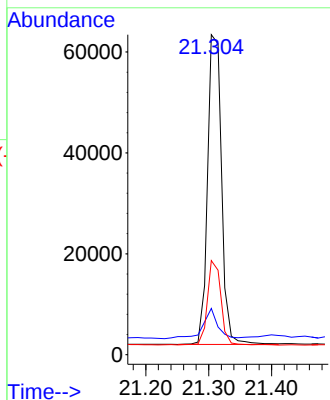
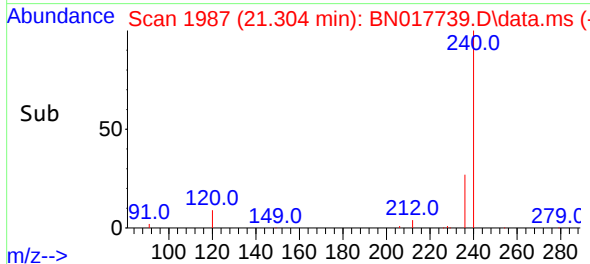
Instrument :
BNA_N
ClientSampleId :
MW-36



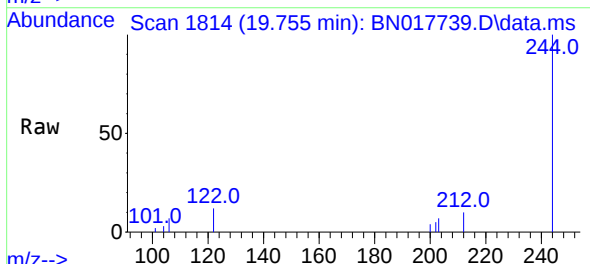
Tgt Ion:240 Resp: 94564
Ion Ratio Lower Upper
240 100
120 14.4 4.2 6.2
236 29.4 20.0 30.0

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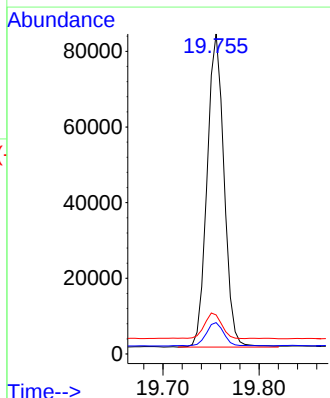
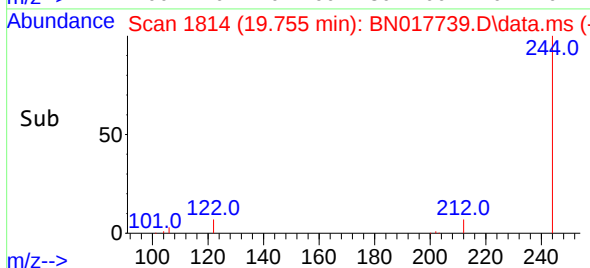
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021

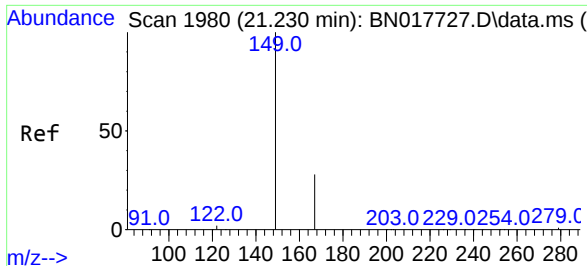


#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.755 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55



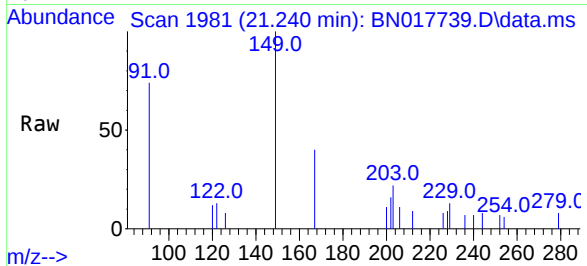
Tgt Ion:244 Resp: 101091
Ion Ratio Lower Upper
244 100
212 9.8 5.7 8.5
122 12.2 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.240 min Scan# 1981
Delta R.T. 0.011 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

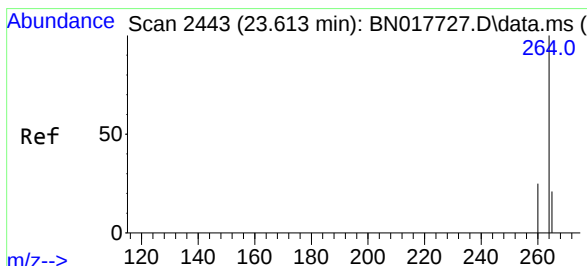
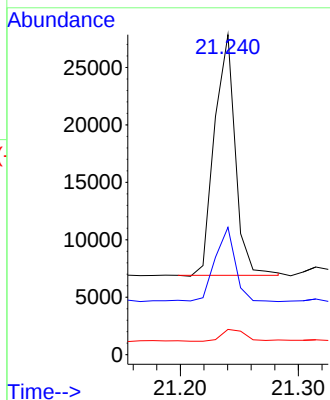
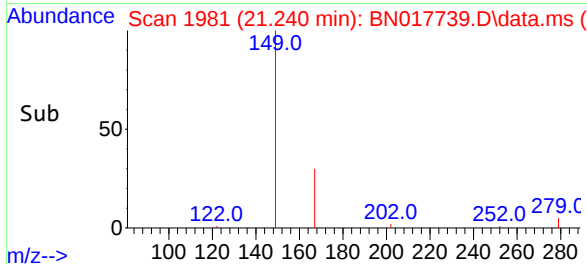
Instrument :
BNA_N
ClientSampleId :
MW-36



Tgt Ion:149 Resp: 2563
Ion Ratio Lower Upper
149 100
167 30.7 21.8 32.6
279 5.6 3.4 5.0

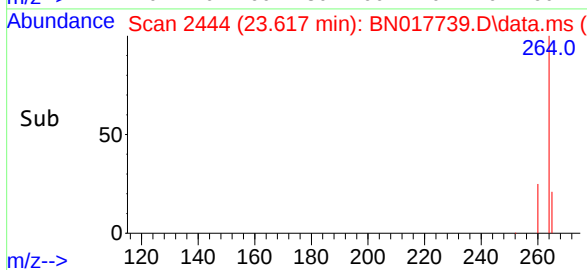
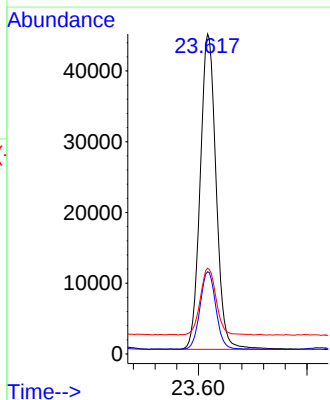
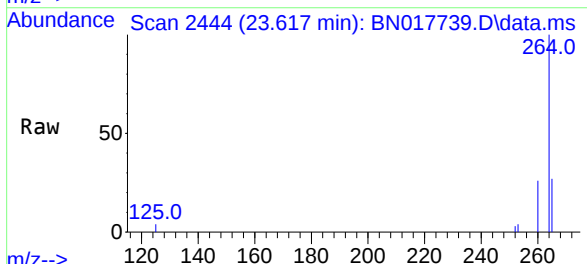
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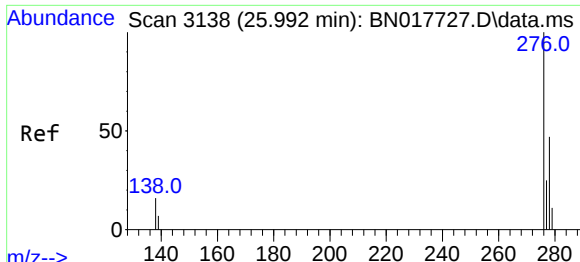
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :Sohil Jodhani 12/10/2021



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.617 min Scan# 2444
Delta R.T. 0.003 min
Lab File: BN017739.D
Acq: 06 Dec 2021 19:55

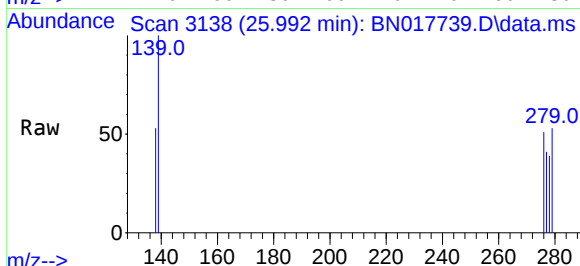
Tgt Ion:264 Resp: 90557
Ion Ratio Lower Upper
264 100
260 25.7 19.4 29.2
265 26.8 18.6 28.0





#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 25.992 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN017739.D
 Acq: 06 Dec 2021 19:55

Instrument :
 BNA_N
 ClientSampleId :
 MW-36



Tgt Ion: 276 Resp: 762
 Ion Ratio Lower Upper
 276 100
 138 69.0 19.7 29.5
 277 27.2 20.0 30.0

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Reviewed By :Jagrut Upadhyay 12/07/2021
 Supervised By :Sohil Jodhani 12/10/2021

