

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017715.D
 Acq On : 04 Dec 2021 07:06
 Operator : CG/JU
 Sample : M4917-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-27

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 06 02:13:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	17987	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	74856	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	91703	0.40	ng	# 0.00
19) Phenanthrene-d10	17.116	188	100167	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	140176	0.40	ng	# 0.01
35) Perylene-d12	23.616	264	117633	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.366	112	13188	0.31	ng	0.00
5) Phenol-d6	6.943	99	4337	0.10	ng	0.02
8) Nitrobenzene-d5	8.900	82	66673m	1.84	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	41002	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	13613	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	79145	0.23	ng	0.00
27) Fluoranthene-d10	19.159	212	115415	0.35	ng	0.01
31) Terphenyl-d14	19.759	244	111735	0.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.329	88	571	0.04	ng	# 1
9) Naphthalene	10.586	128	3966162	20.78	ng	99
12) 2-Methylnaphthalene	12.200	142	1092382	8.76	ng	# 96
17) Acenaphthene	14.435	154	61095	0.25	ng	# 75
18) Fluorene	15.425	166	105194	0.35	ng	# 93
24) Pentachlorophenol	16.788	266	1333	0.32	ng	94
25) Phenanthrene	17.165	178	115140m	0.43	ng	
26) Anthracene	17.238	178	18170	0.08	ng	# 1
28) Fluoranthene	19.189	202	20224	0.06	ng	# 77
30) Pyrene	19.546	202	15920	0.04	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.240	149	24025	0.18	ng	# 58

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

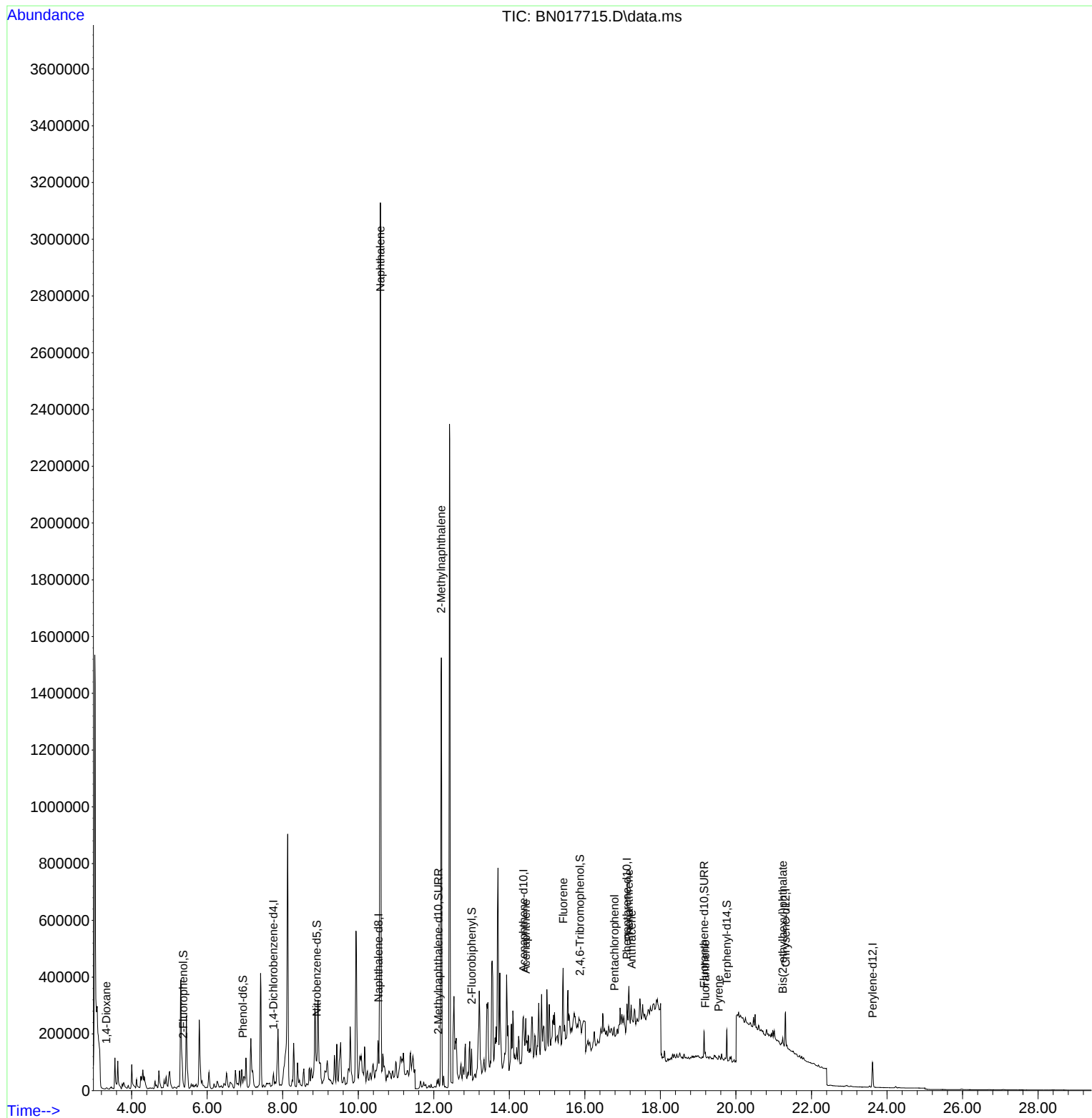
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017715.D
Acq On : 04 Dec 2021 07:06
Operator : CG/JU
Sample : M4917-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

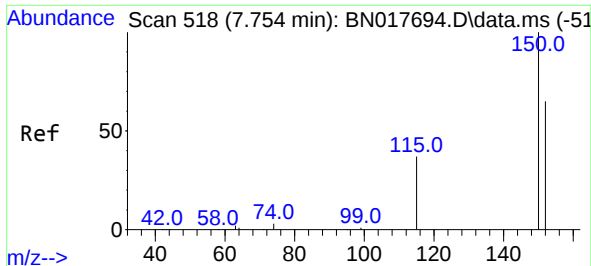
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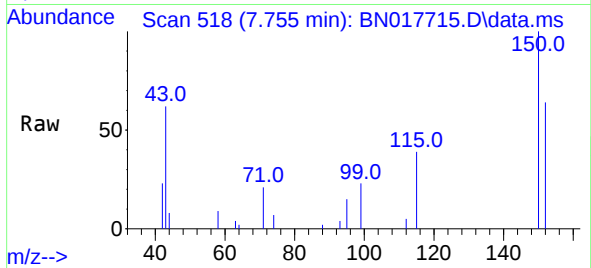
Quant Time: Dec 06 02:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.755 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

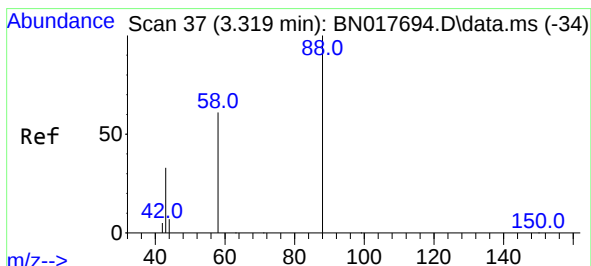
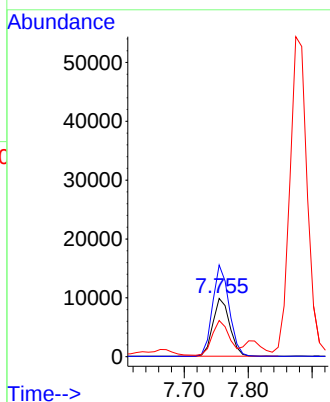
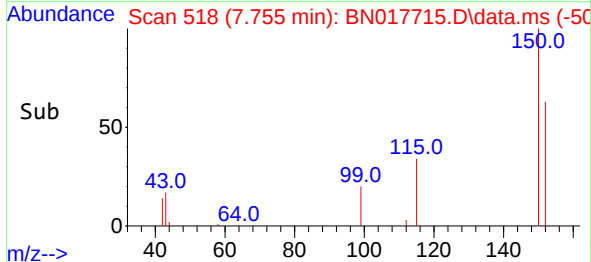
Instrument :
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MW-27



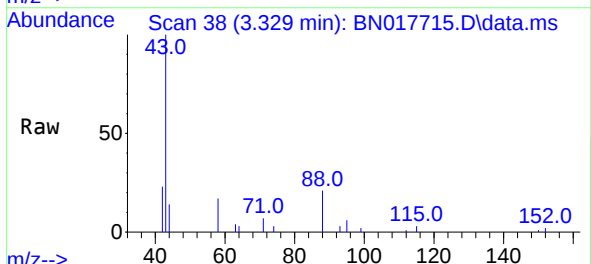
Tgt Ion: 152 Resp: 1798
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.4
115 62.2 45.6 68.4

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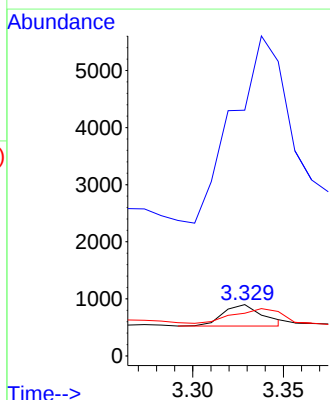
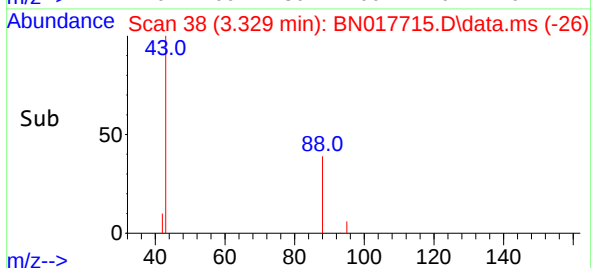
Reviewed By :Jagrut Upadhyay 12/06/2021
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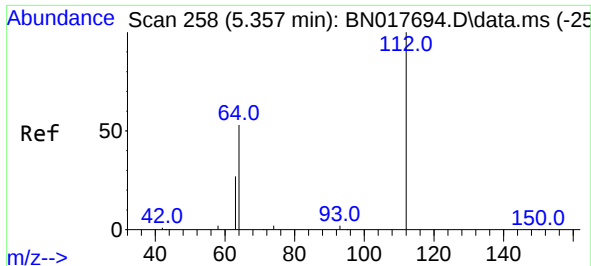


#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.329 min Scan# 38
Delta R.T. 0.010 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06



Tgt Ion: 88 Resp: 571
Ion Ratio Lower Upper
88 100
43 1017.5 24.7 37.1#
58 78.1 63.0 94.6





#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.366 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Instrument :

BNA_N

ClientSampleId :

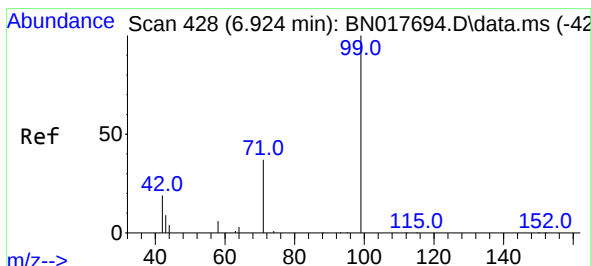
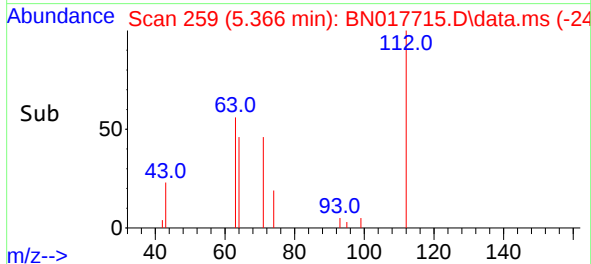
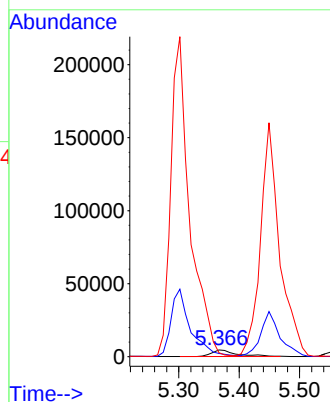
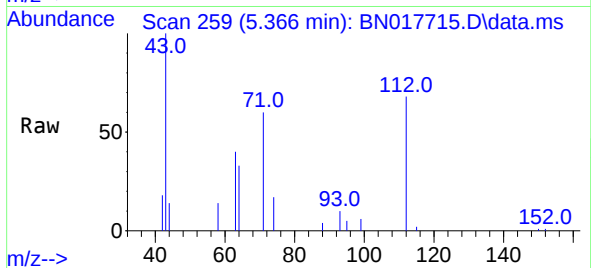
MW-27

Tgt Ion:112 Resp: 1318
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#

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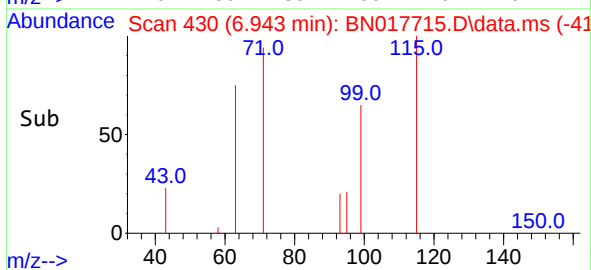
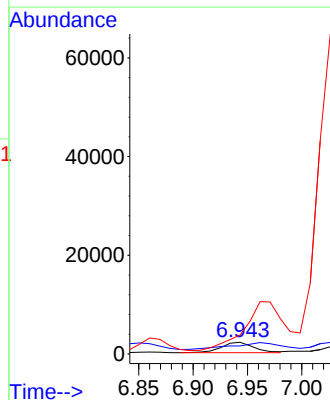
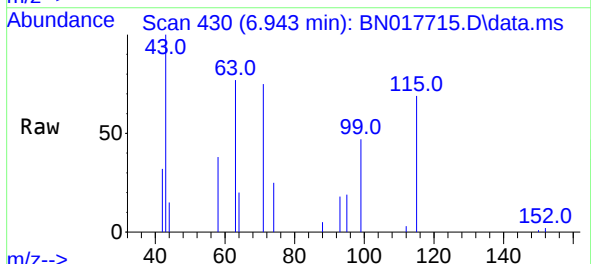
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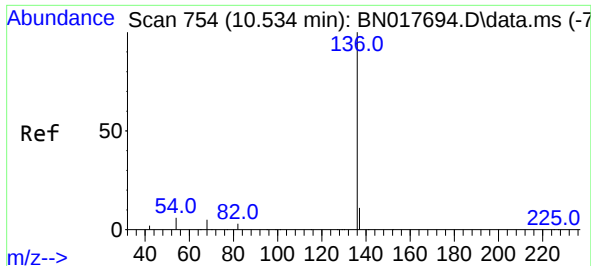
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#5
Phenol-d6
Concen: 0.10 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.019 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

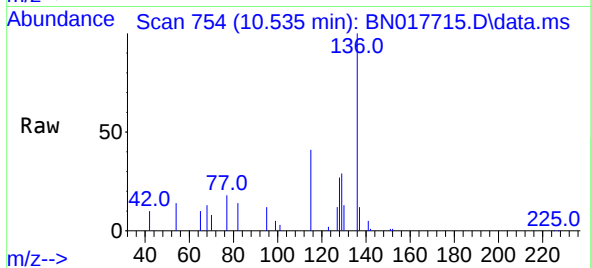
Tgt Ion: 99 Resp: 4337
Ion Ratio Lower Upper
99 100
42 93.9 17.0 25.6#
71 556.8 24.8 37.2#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

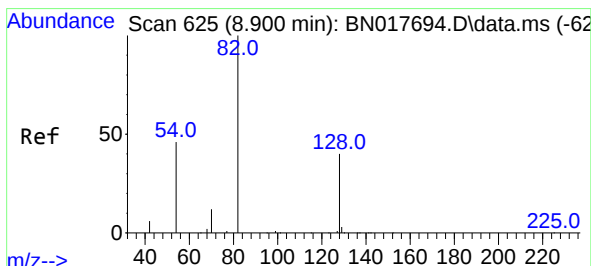
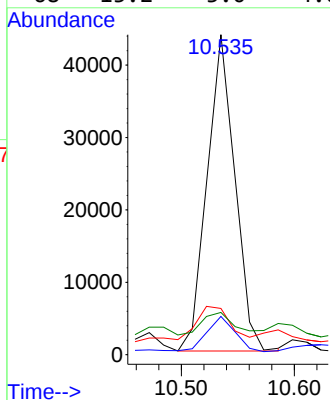
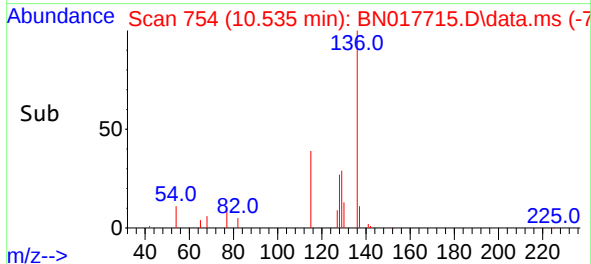
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion:136 Resp: 74850
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 14.4 4.0 6.0
68 13.2 3.0 4.6#

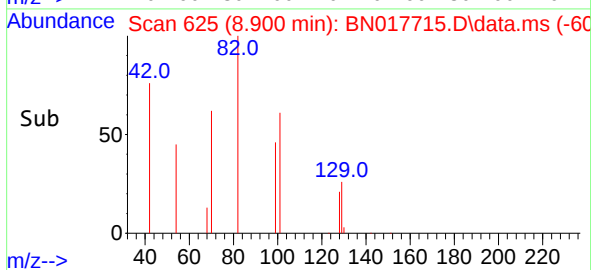
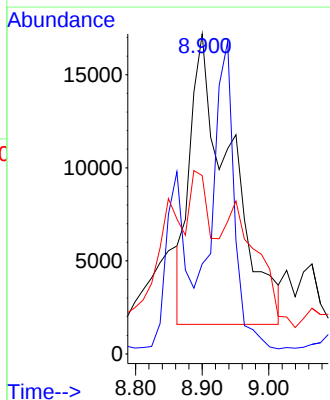
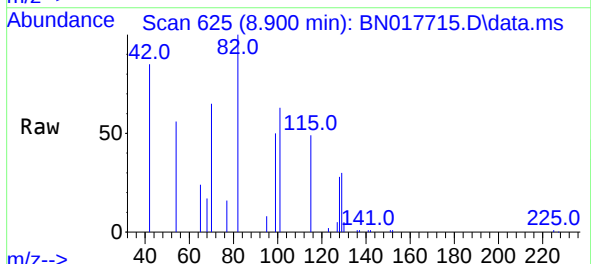
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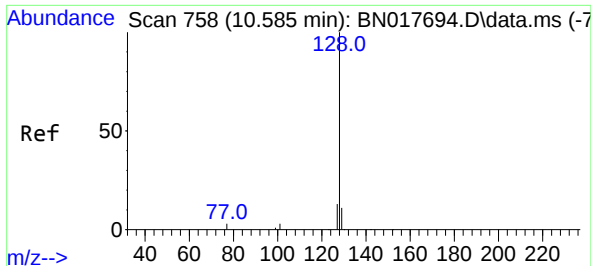
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#8
Nitrobenzene-d5
Concen: 1.84 ng m
RT: 8.900 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

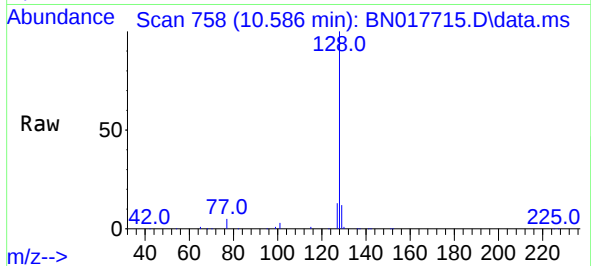
Tgt Ion: 82 Resp: 66673
Ion Ratio Lower Upper
82 100
128 28.1 27.7 41.5
54 55.8 49.2 73.8





#9
Naphthalene
Concen: 20.78 ng
RT: 10.586 min Scan# 71
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

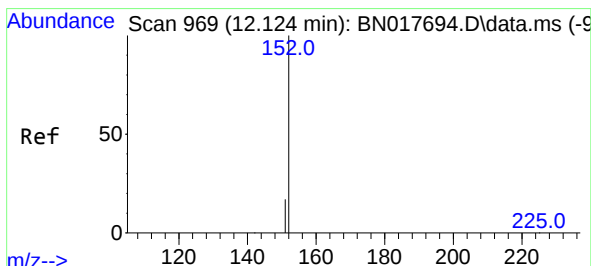
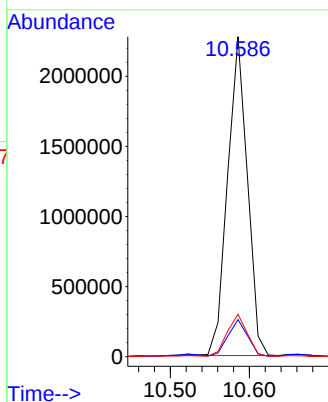
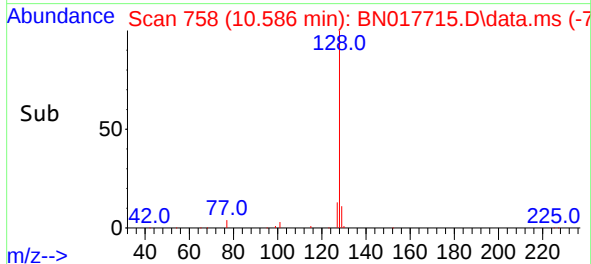
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion:128 Resp: 396616
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.3 10.6 15.8

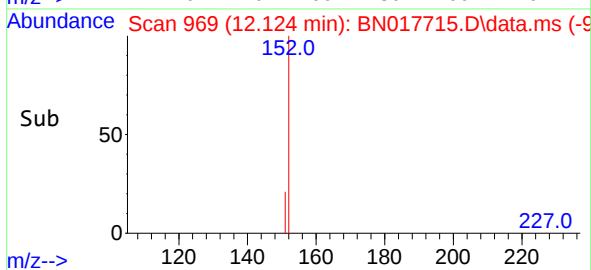
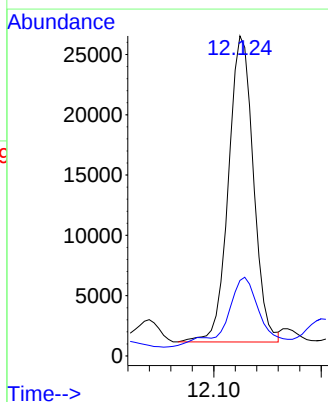
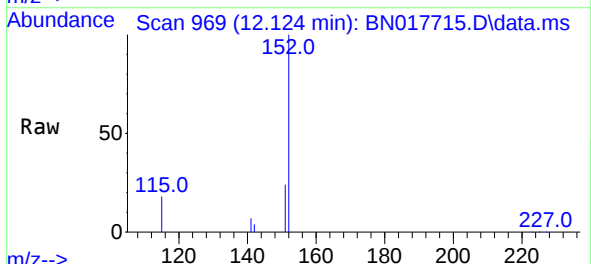
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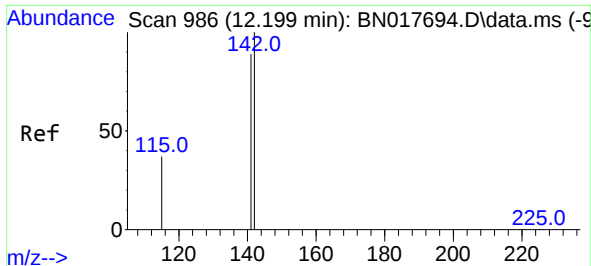
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

Tgt Ion:152 Resp: 41002
Ion Ratio Lower Upper
152 100
151 25.4 16.2 24.4#





#12

2-Methylnaphthalene

Concen: 8.76 ng

RT: 12.200 min Scan# 91

Delta R.T. 0.001 min

Lab File: BN017715.D

Acq: 04 Dec 2021 07:06

Instrument :

BNA_N

ClientSampleId :

MW-27

Tgt Ion:142 Resp: 109238

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0

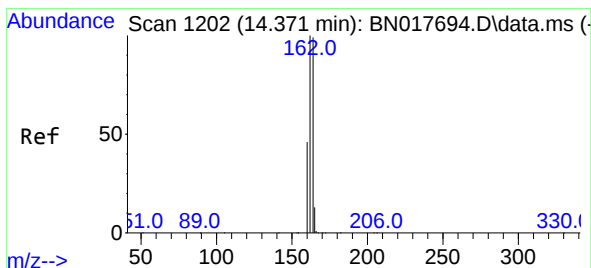
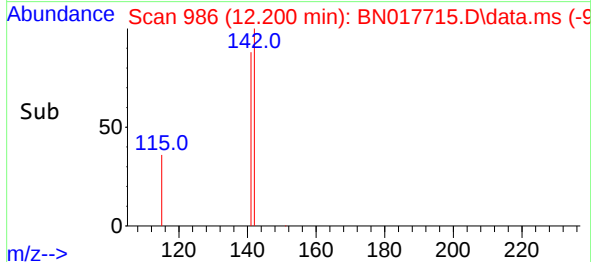
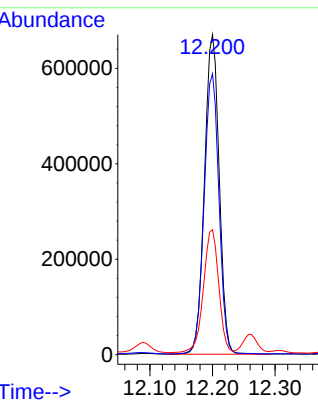
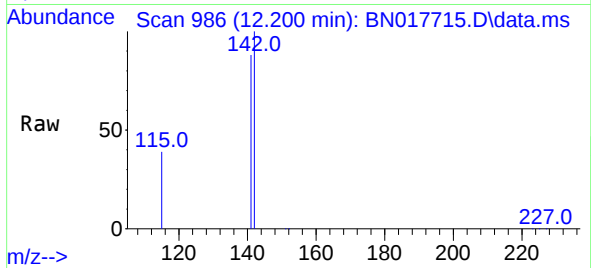
115 39.0 25.8 38.6

Manual Integrations

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#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.372 min Scan# 1202

Delta R.T. 0.001 min

Lab File: BN017715.D

Acq: 04 Dec 2021 07:06

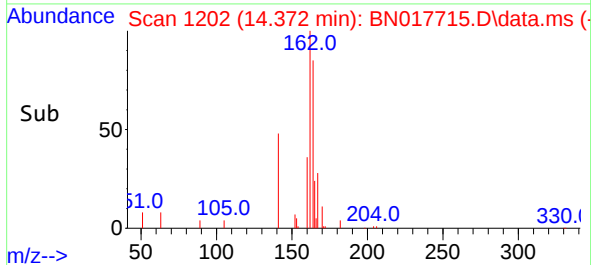
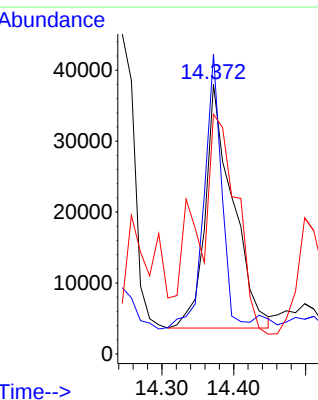
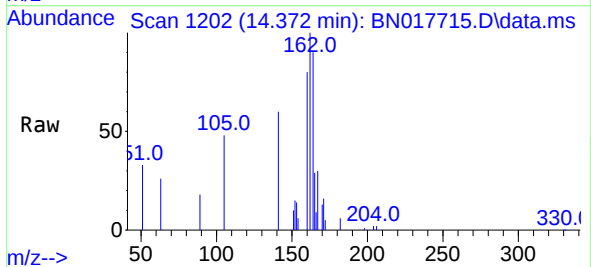
Tgt Ion:164 Resp: 91703

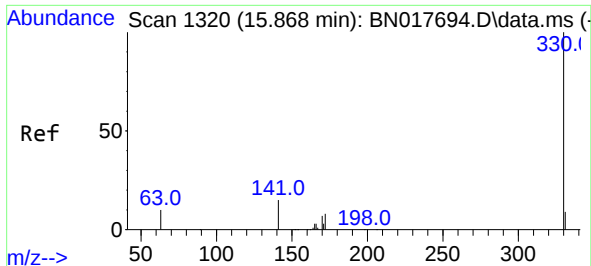
Ion Ratio Lower Upper

164 100

162 111.3 81.4 122.2

160 88.9 36.8 55.2#





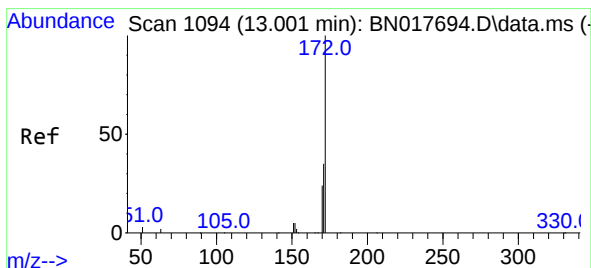
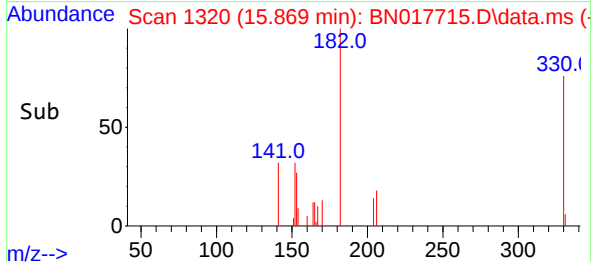
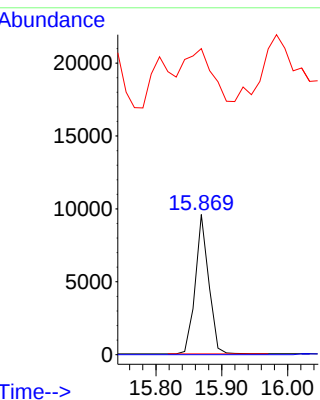
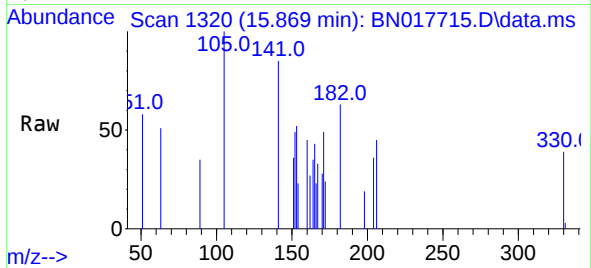
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2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

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Tgt Ion:330 Resp: 1361
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 73.4 28.9 43.3

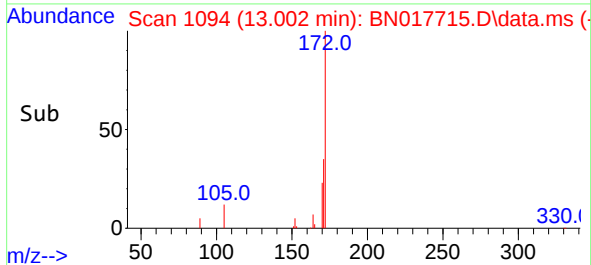
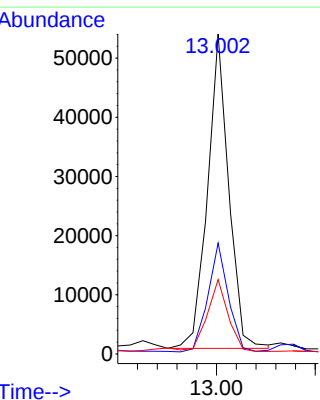
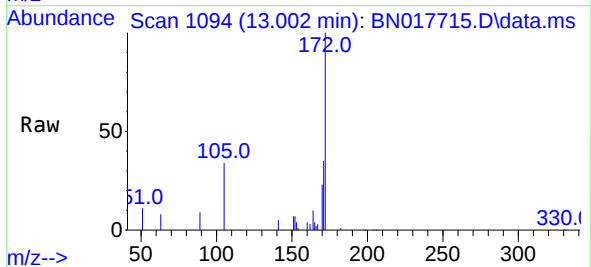
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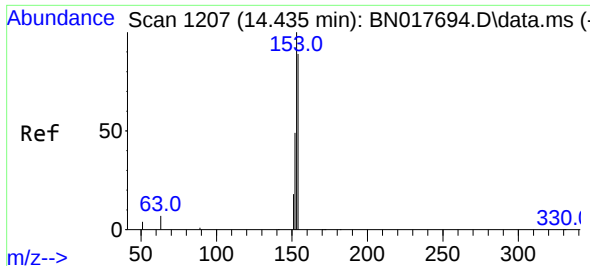
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.002 min Scan# 1094
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

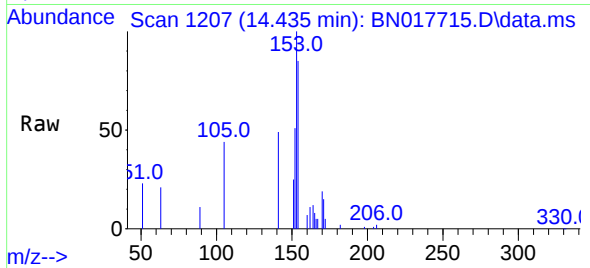
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Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.2 19.4 29.2





#17
Acenaphthene
Concen: 0.25 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.001 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

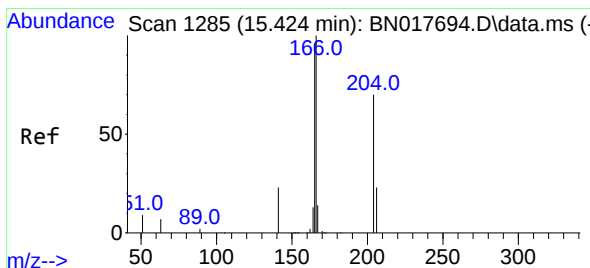
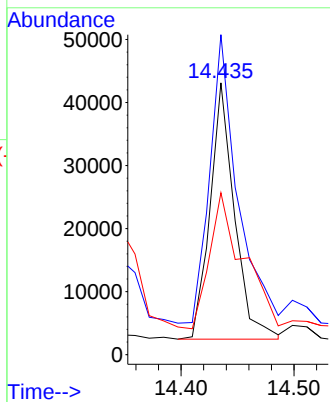
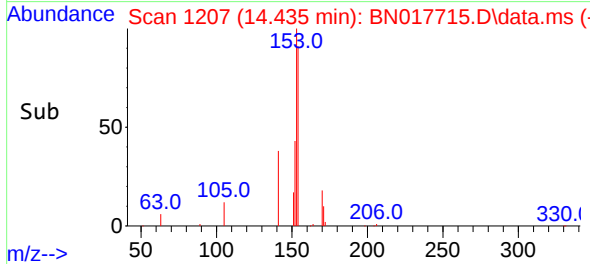
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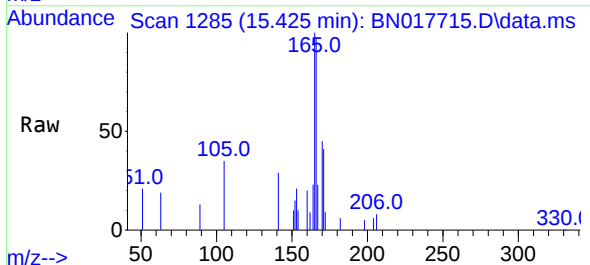
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Ion Ratio Lower Upper
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153 137.2 91.2 136.8
152 79.4 44.3 66.5

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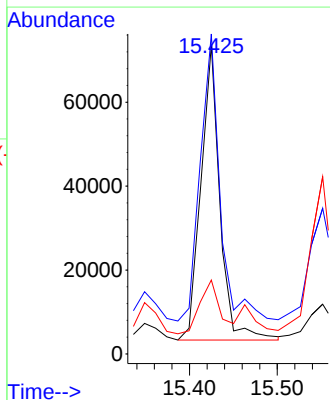
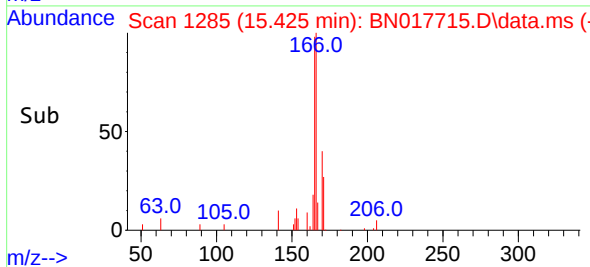
Reviewed By :Jagrut Upadhyay 12/06/2021
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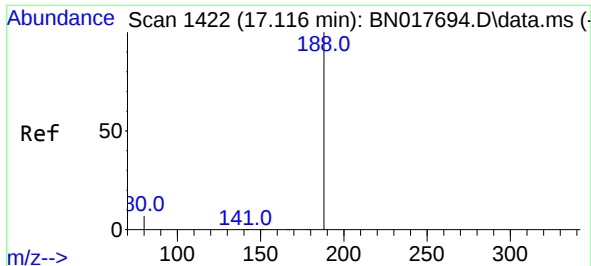


#18
Fluorene
Concen: 0.35 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06



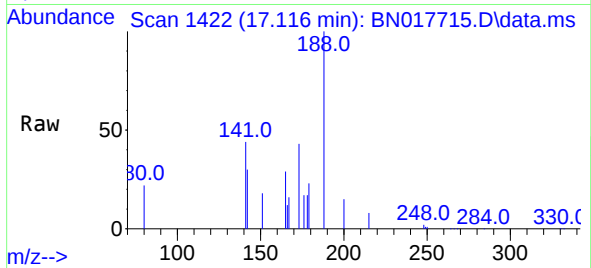
Tgt Ion:166 Resp: 105194
Ion Ratio Lower Upper
166 100
165 102.8 77.9 116.9
167 19.5 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

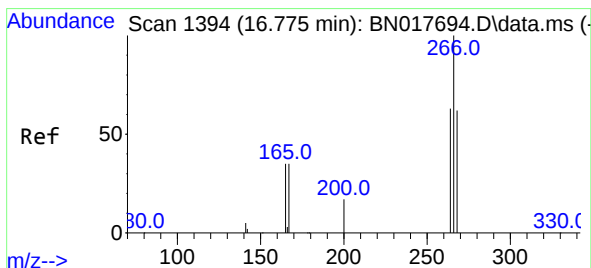
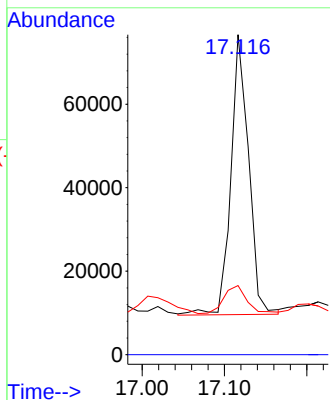
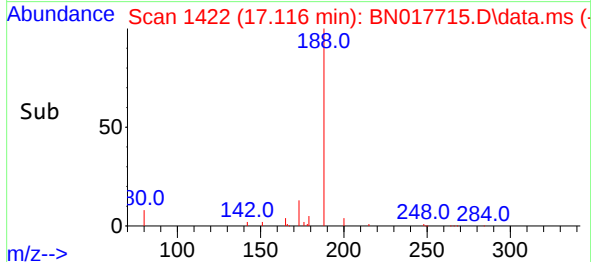
Instrument :
BNA_N
ClientSampleId :
MW-27



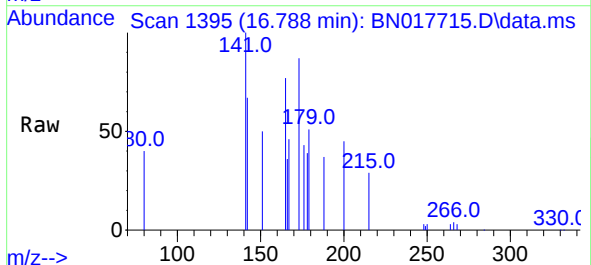
Tgt Ion:188 Resp: 10016
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 21.6 6.1 9.1

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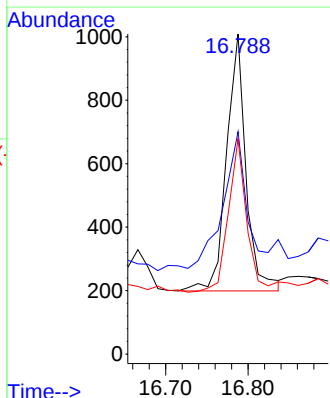
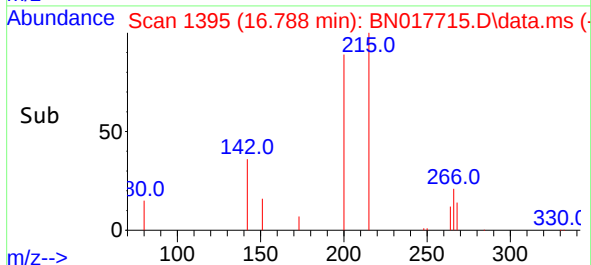
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

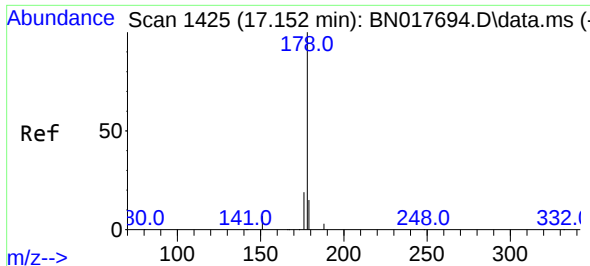


#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.788 min Scan# 1395
Delta R.T. 0.013 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06



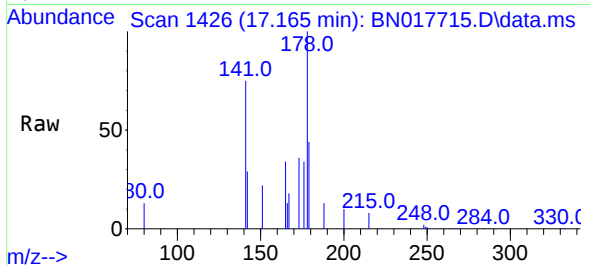
Tgt Ion:266 Resp: 1333
Ion Ratio Lower Upper
266 100
264 61.0 49.8 74.8
268 55.7 51.3 76.9





#25
Phenanthrene
Concen: 0.43 ng m
RT: 17.165 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

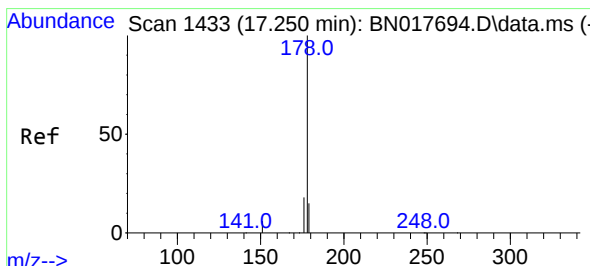
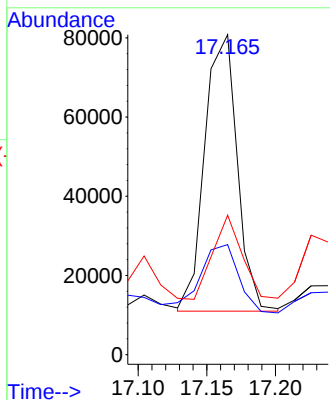
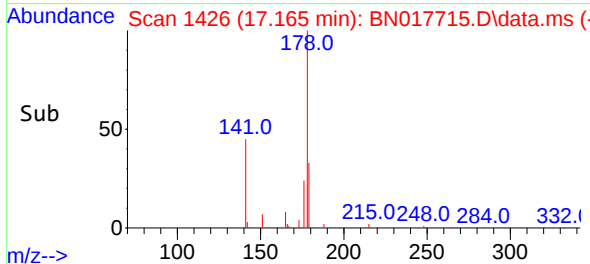
Instrument :
BNA_N
ClientSampleId :
MW-27



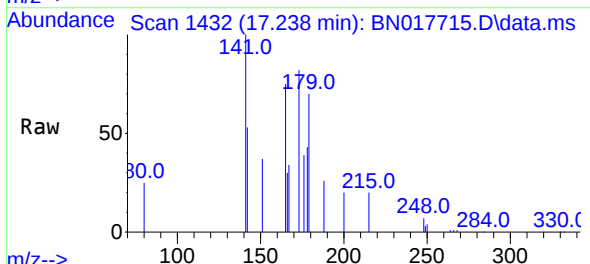
Tgt Ion:178 Resp: 115140
Ion Ratio Lower Upper
178 100
176 29.8 15.0 22.6
179 27.1 12.3 18.5

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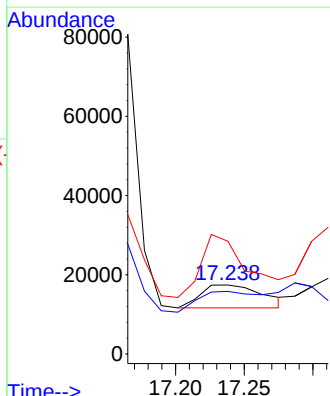
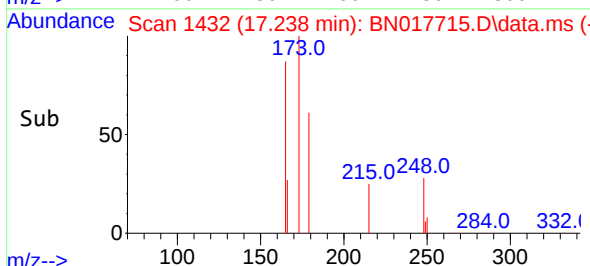
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

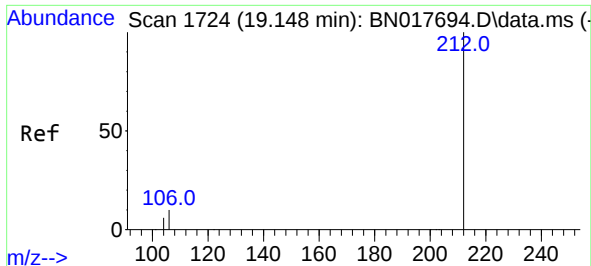


#26
Anthracene
Concen: 0.08 ng
RT: 17.238 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06



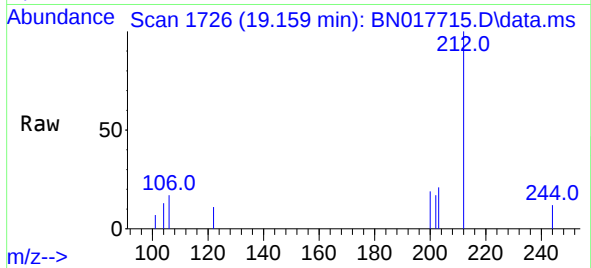
Tgt Ion:178 Resp: 18170
Ion Ratio Lower Upper
178 100
176 89.3 14.6 22.0#
179 205.4 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.159 min Scan# 1726
Delta R.T. 0.010 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

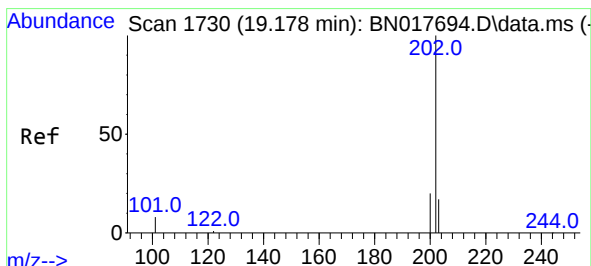
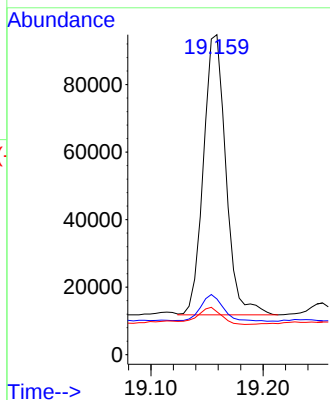
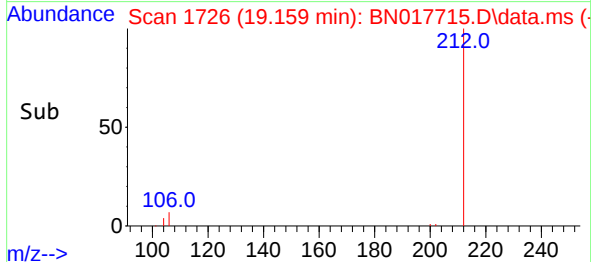
Instrument :
BNA_N
ClientSampleId :
MW-27



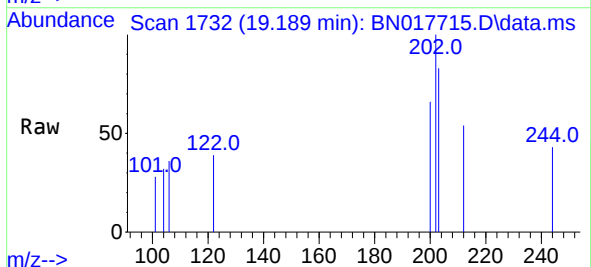
Tgt Ion:212 Resp: 115415
Ion Ratio Lower Upper
212 100
106 9.5 10.5 15.7#
104 6.4 5.8 8.6

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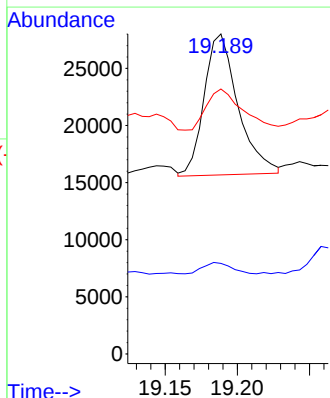
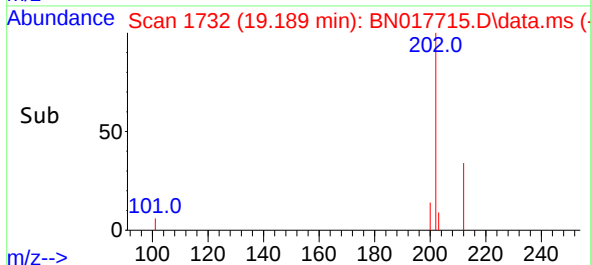
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

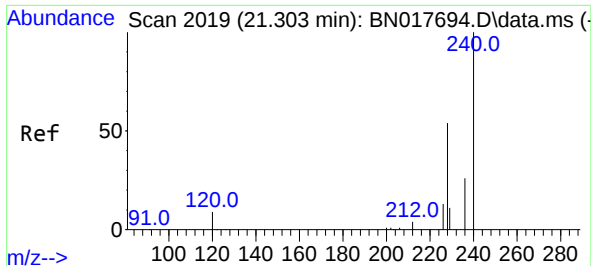


#28
Fluoranthene
Concen: 0.06 ng
RT: 19.189 min Scan# 1732
Delta R.T. 0.010 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06



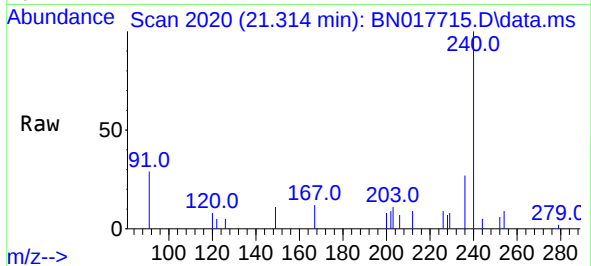
Tgt Ion:202 Resp: 20224
Ion Ratio Lower Upper
202 100
101 7.2 8.9 13.3#
203 31.0 13.8 20.6#





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2019
Delta R.T. 0.011 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06

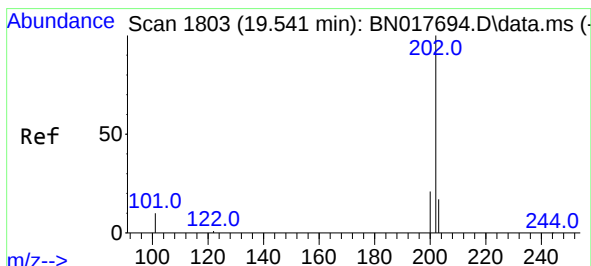
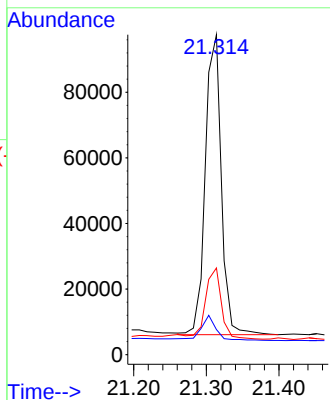
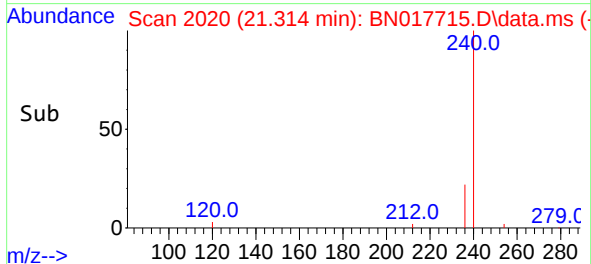
Instrument :
BNA_N
ClientSampleId :
MW-27



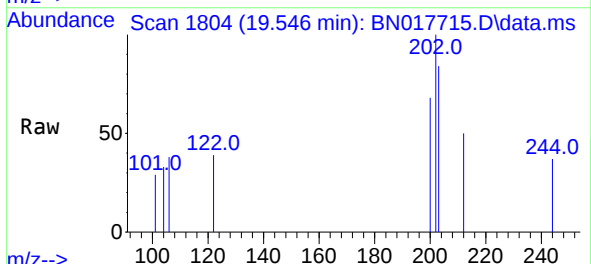
Tgt Ion:240 Resp: 140170
Ion Ratio Lower Upper
240 100
120 7.9 4.2 6.2
236 27.1 20.0 30.0

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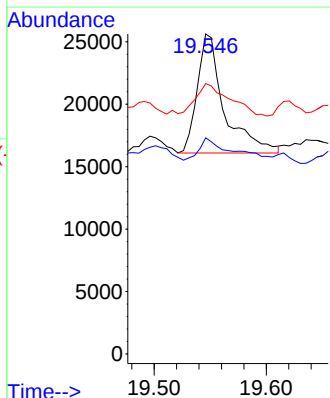
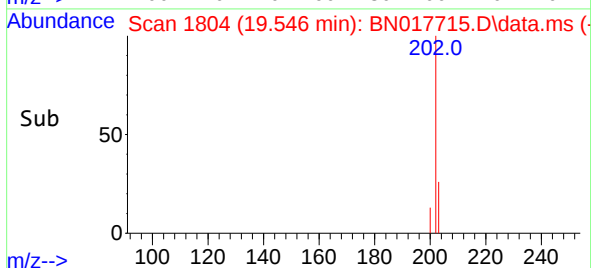
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

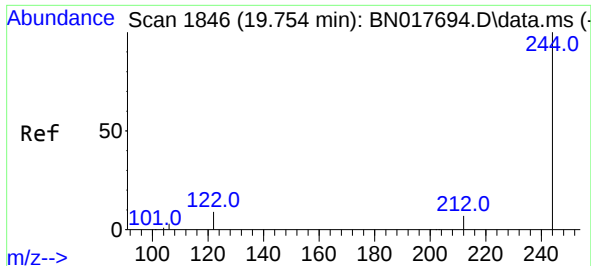


#30
Pyrene
Concen: 0.04 ng
RT: 19.546 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BN017715.D
Acq: 04 Dec 2021 07:06



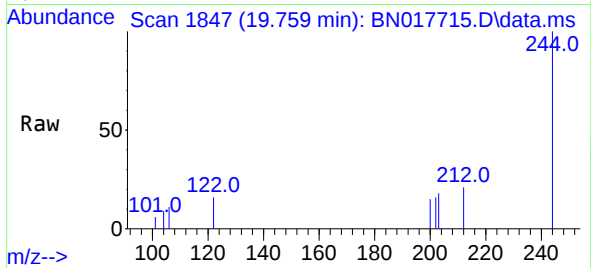
Tgt Ion:202 Resp: 15920
Ion Ratio Lower Upper
202 100
200 22.0 16.5 24.7
203 34.2 14.0 21.0





#31
 Terphenyl-d14
 Concen: 0.36 ng
 RT: 19.759 min Scan# 111735
 Delta R.T. 0.005 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

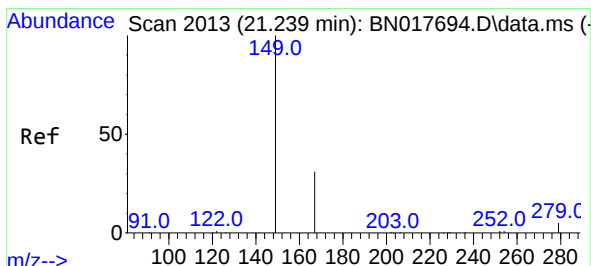
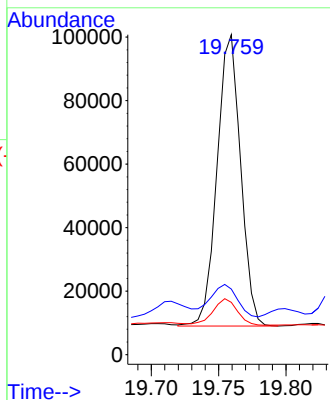
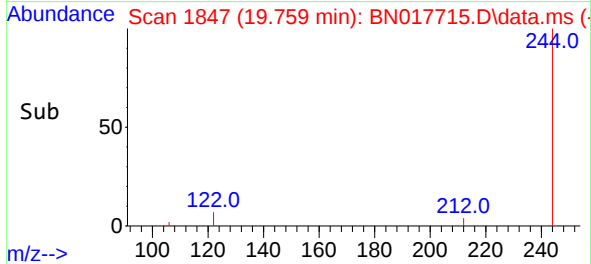
Instrument :
 BNA_N
 ClientSampleId :
 MW-27



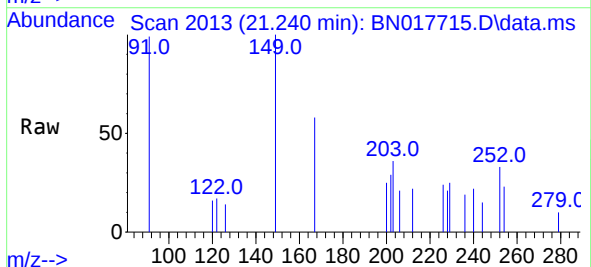
Tgt Ion:244 Resp: 111735
 Ion Ratio Lower Upper
 244 100
 212 20.5 5.7 8.5#
 122 16.3 8.6 13.0#

Manual Integrations
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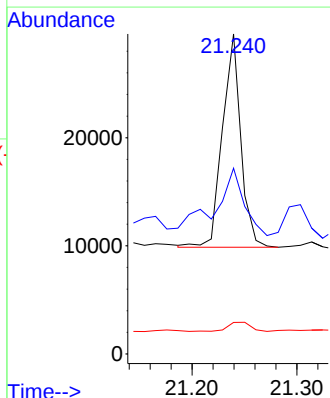
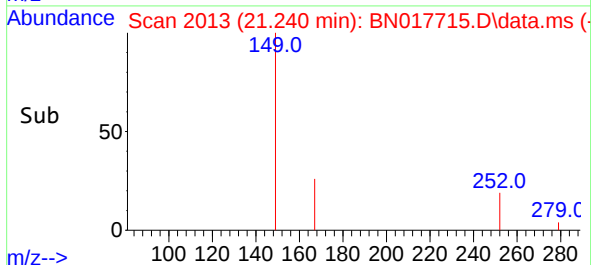
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

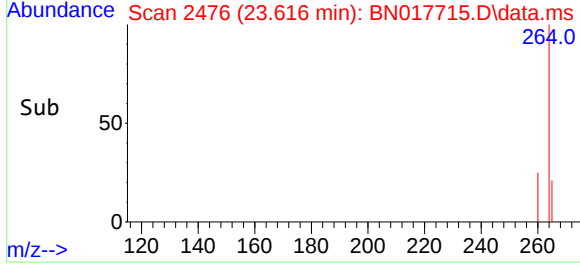
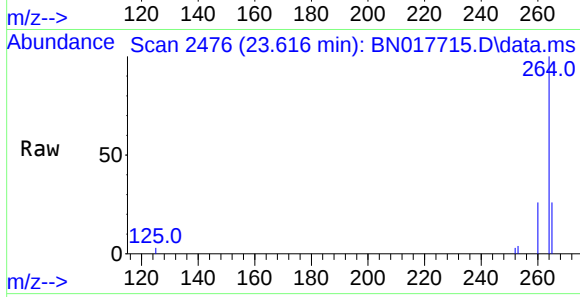
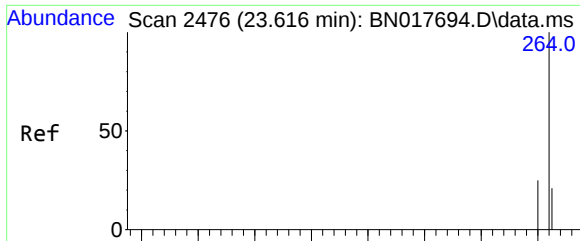


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.240 min Scan# 2013
 Delta R.T. 0.001 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06



Tgt Ion:149 Resp: 24025
 Ion Ratio Lower Upper
 149 100
 167 52.3 21.8 32.6#
 279 5.3 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.616 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN017715.D
 Acq: 04 Dec 2021 07:06

Instrument :
 BNA_N
 ClientSampleId :
 MW-27

Tgt Ion:264 Resp: 11763

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.4	29.2
265	26.5	18.6	28.0

Manual Integrations
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 Supervised By :Sohil Jodhani 12/10/2021

