

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021592.D
 Acq On : 03 Sep 2022 11:47
 Operator : CG/JU
 Sample : N4454-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-11.5-082922

Quant Time: Sep 05 02:38:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5230	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17670	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	10457	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	21950	0.400	ng	0.00
29) Chrysene-d12	21.655	240	16333	0.400	ng	# 0.00
35) Perylene-d12	24.173	264	12242	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1593	0.156	ng	0.00
5) Phenol-d6	7.217	99	1253	0.096	ng	0.00
8) Nitrobenzene-d5	9.233	82	3707m	0.311	ng	-0.01
11) 2-Methylnaphthalene-d10	12.482	152	11105	0.279	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1335	0.389	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	17522	0.383	ng	0.00
27) Fluoranthene-d10	19.497	212	20494	0.363	ng	0.00
31) Terphenyl-d14	20.088	244	17327	0.472	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	5577	0.853	ng	# 94
17) Acenaphthene	14.782	154	11950	0.346	ng	99
34) Bis(2-ethylhexyl)phtha...	21.557	149	4192	0.183	ng	99

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

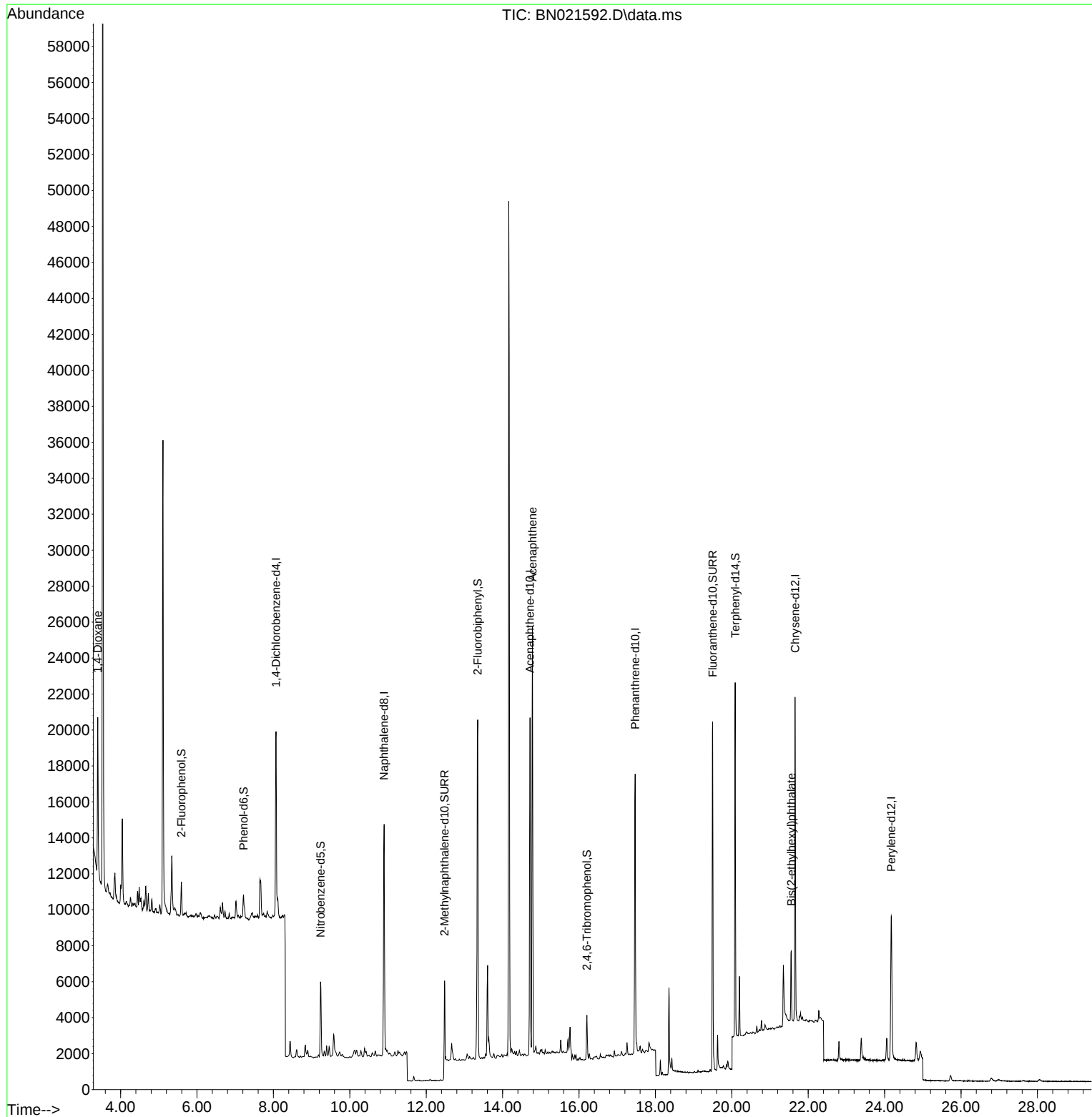
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021592.D
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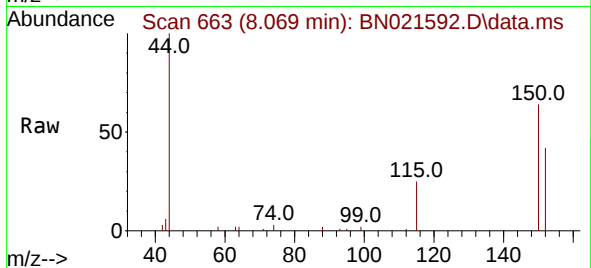
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

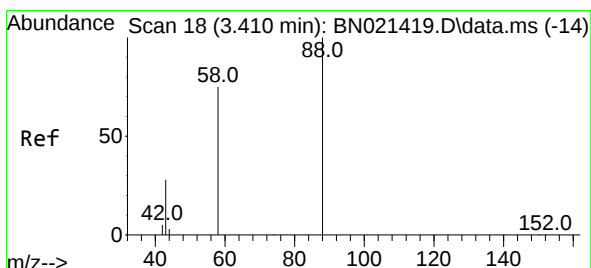
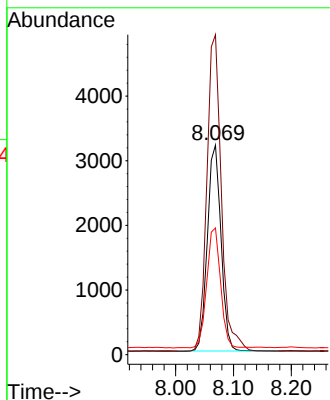
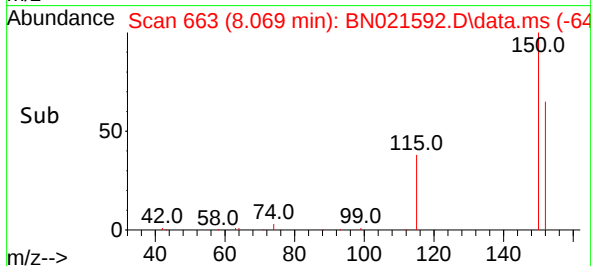
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-11.5-082922



Tgt Ion: 152 Resp: 5230
Ion Ratio Lower Upper
152 100
150 152.7 121.4 182.0
115 60.4 48.6 72.8

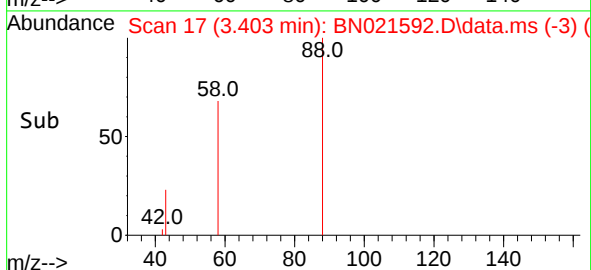
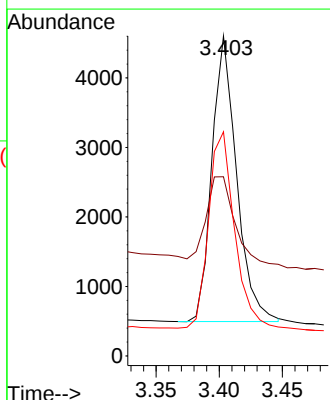
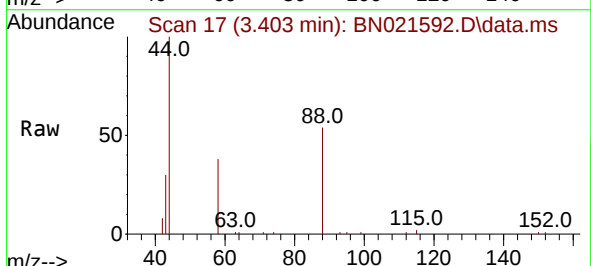
Manual Integrations
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#2
1,4-Dioxane
Concen: 0.853 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

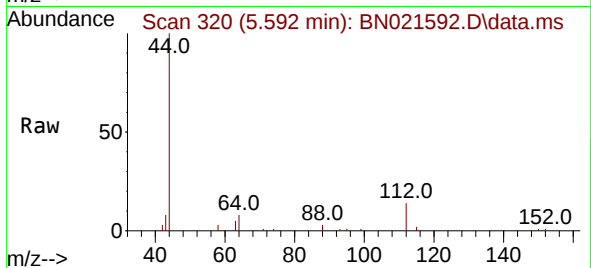
Tgt Ion: 88 Resp: 5577
Ion Ratio Lower Upper
88 100
43 35.1 35.8 53.8#
58 72.1 57.1 85.7





#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

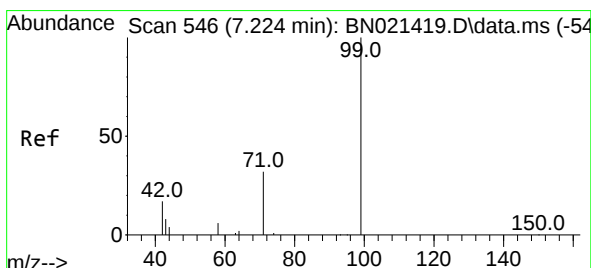
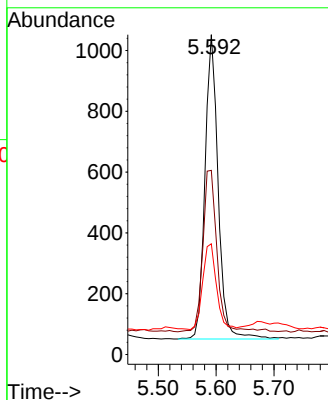
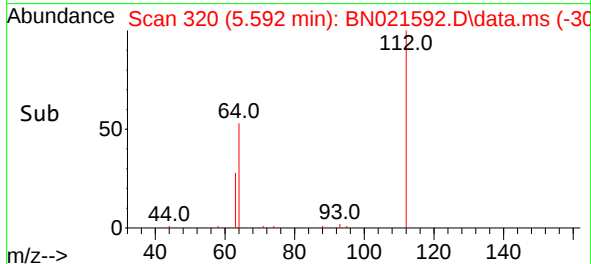
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-11.5-082922



Tgt Ion: 112 Resp: 159
Ion Ratio Lower Upper
112 100
64 56.9 43.5 65.3
63 28.7 22.6 34.0

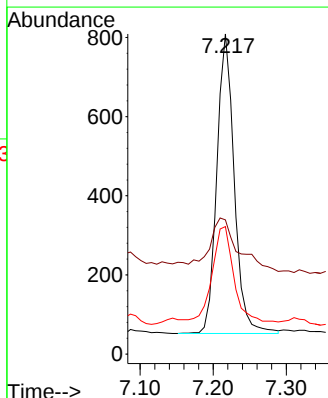
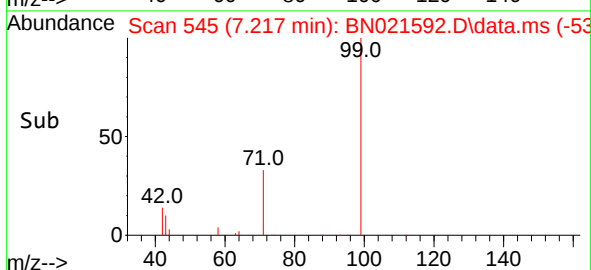
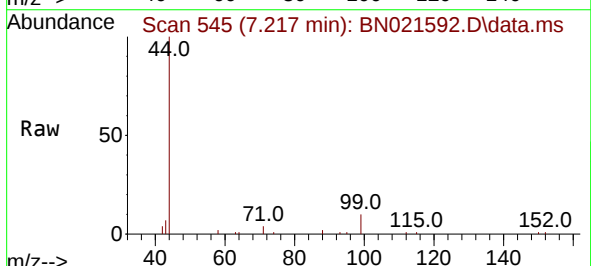
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#5
Phenol-d6
Concen: 0.096 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

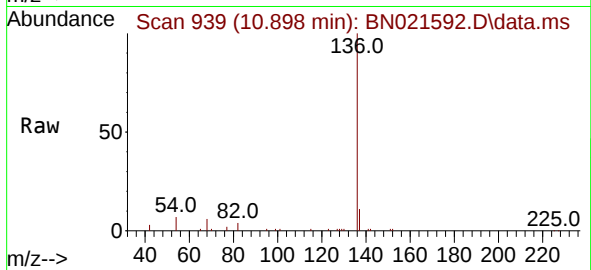
Tgt Ion: 99 Resp: 1253
Ion Ratio Lower Upper
99 100
42 31.4 15.5 23.3#
71 40.3 24.2 36.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

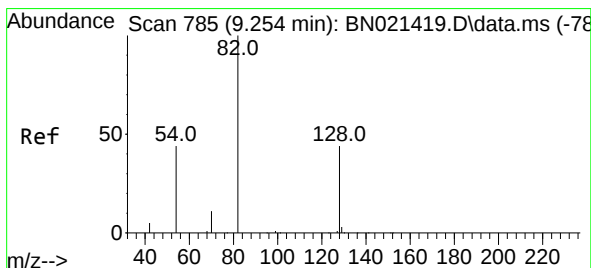
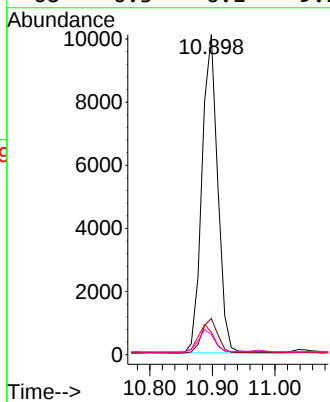
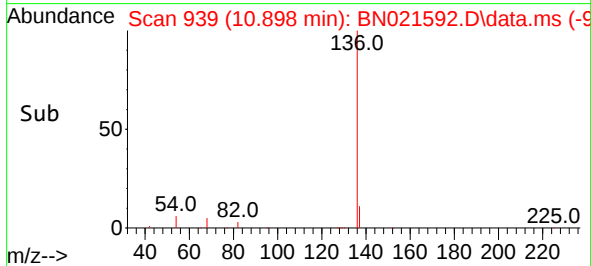
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-11.5-082922



Tgt Ion:	136	Resp:	17670
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.0	6.9	10.3
68	6.3	6.1	9.1

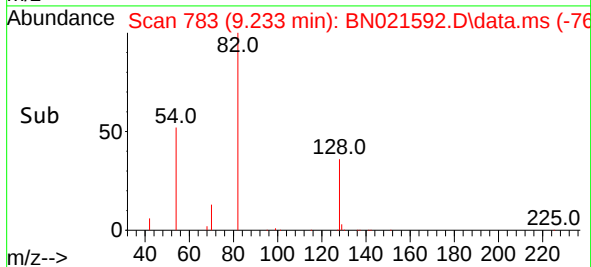
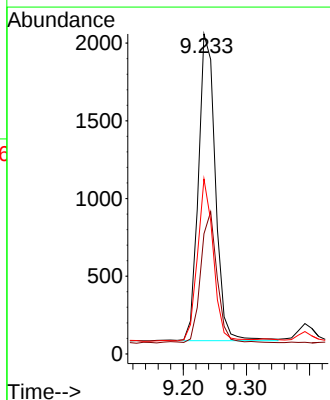
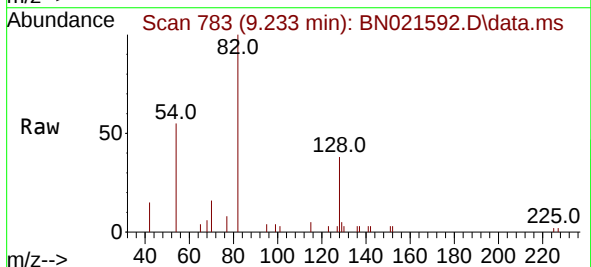
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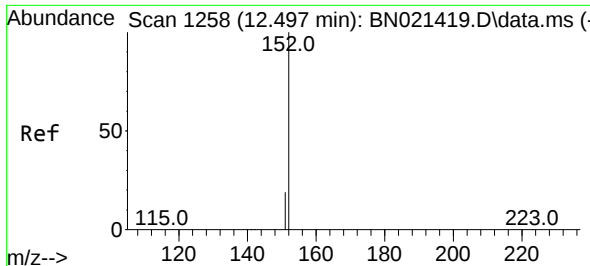
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#8
Nitrobenzene-d5
Concen: 0.311 ng m
RT: 9.233 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

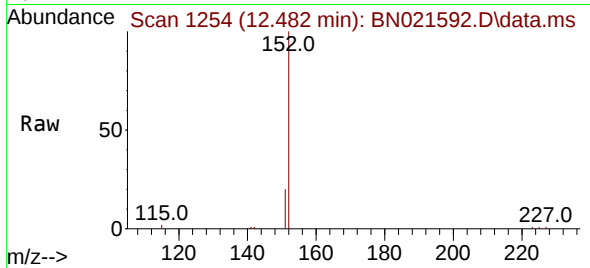
Tgt Ion:	82	Resp:	3707
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.9	46.3
54	54.7	42.7	64.1





#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.482 min Scan# 1110
Delta R.T. -0.004 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

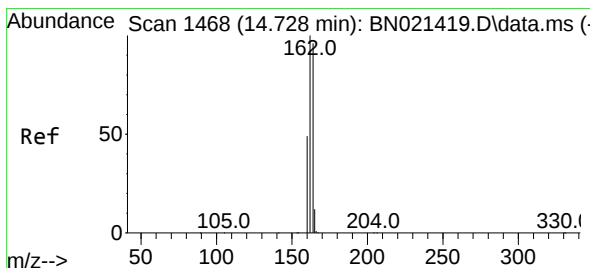
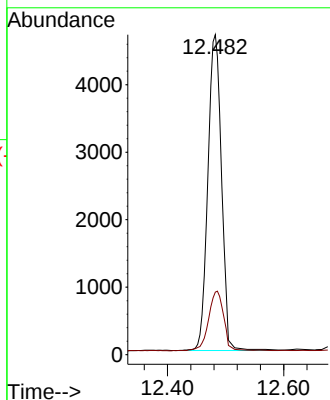
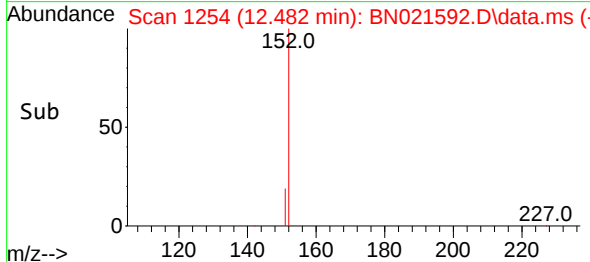
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-11.5-082922



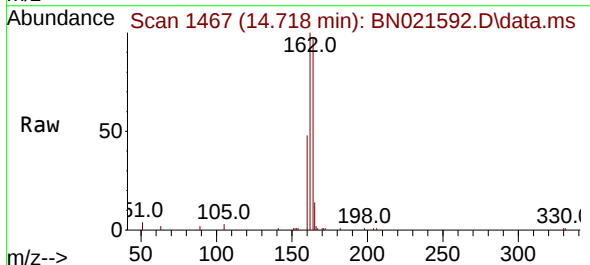
Tgt Ion:152 Resp: 1110
Ion Ratio Lower Upper
152 100
151 19.6 14.5 21.7

Manual Integrations
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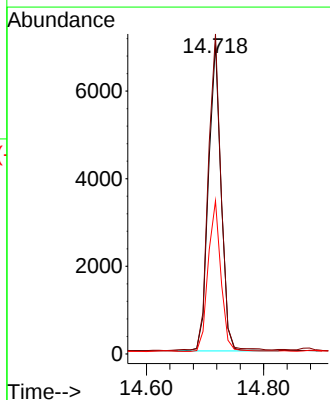
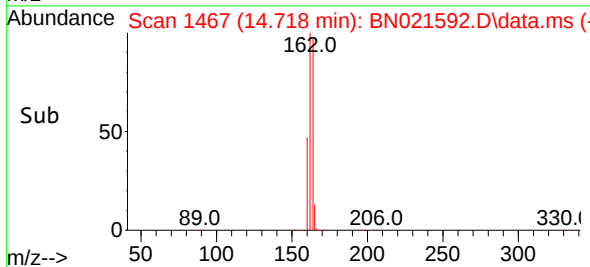
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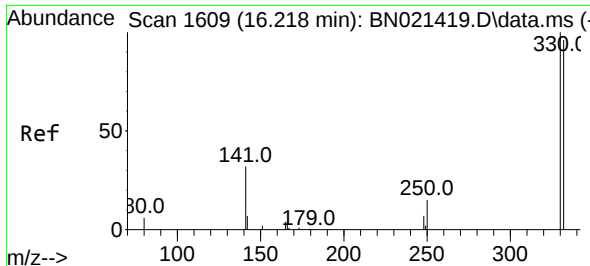


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47



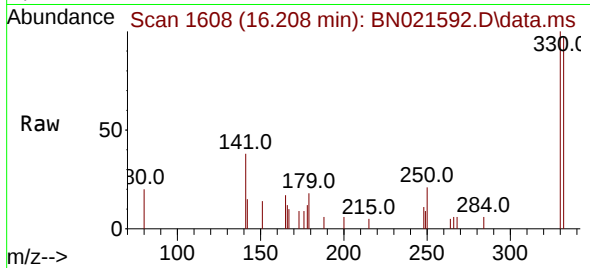
Tgt Ion:164 Resp: 10457
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.4
160 49.3 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.208 min Scan# 1133
Delta R.T. -0.010 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

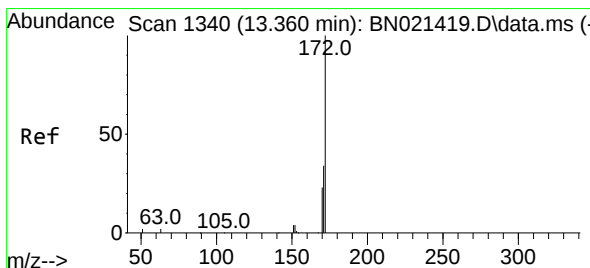
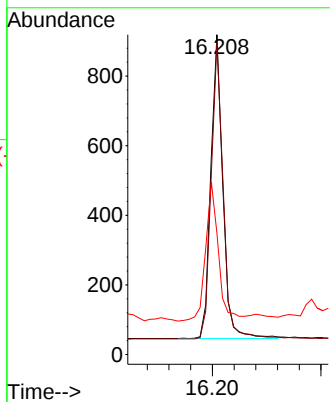
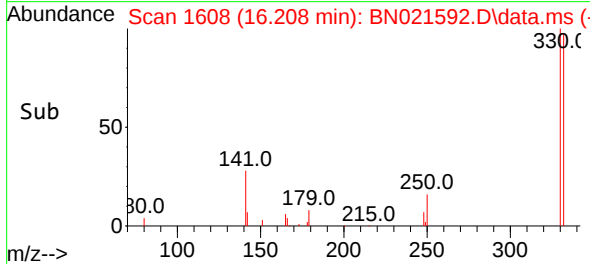
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-11.5-082922



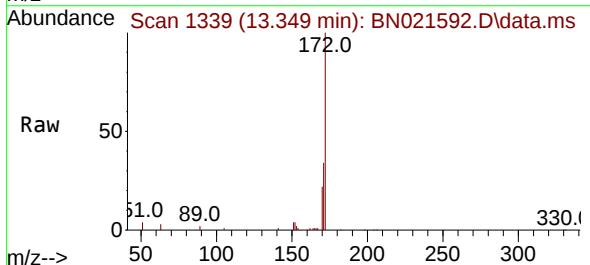
Tgt Ion:330 Resp: 1339
Ion Ratio Lower Upper
330 100
332 97.4 79.3 118.9
141 48.9 37.1 55.7

Manual Integrations
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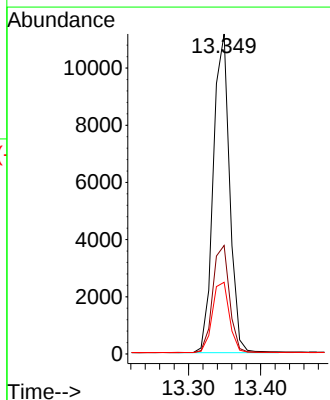
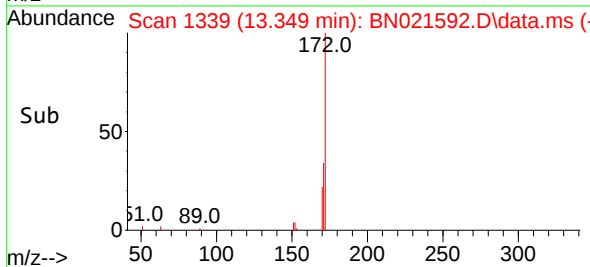
Reviewed By :Christian Giraldo 09/06/2022
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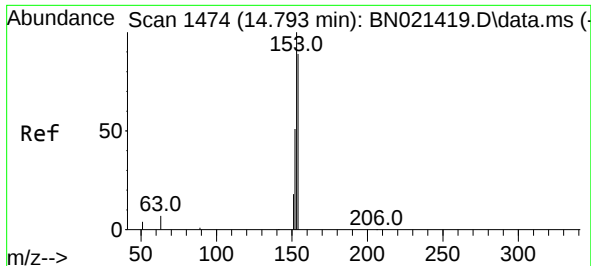


#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47



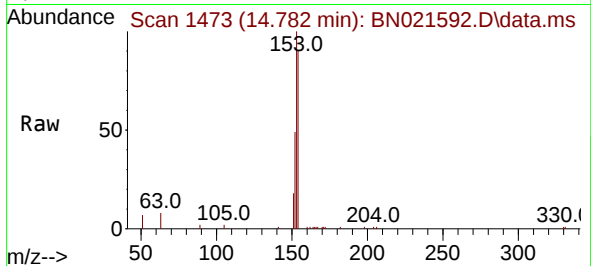
Tgt Ion:172 Resp: 17522
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.6
170 22.4 18.6 28.0





#17
Acenaphthene
Concen: 0.346 ng
RT: 14.782 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

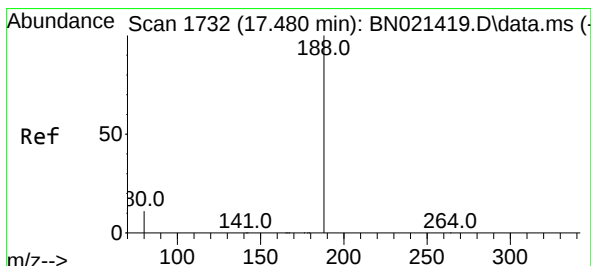
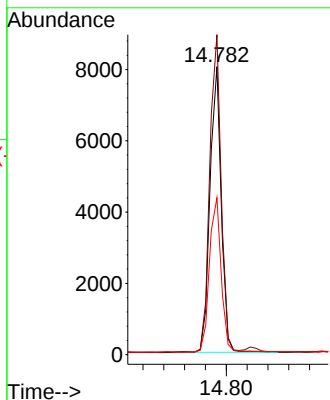
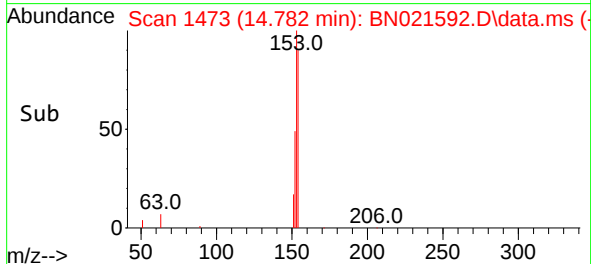
Instrument :
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MW-07-1.5-11.5-082922



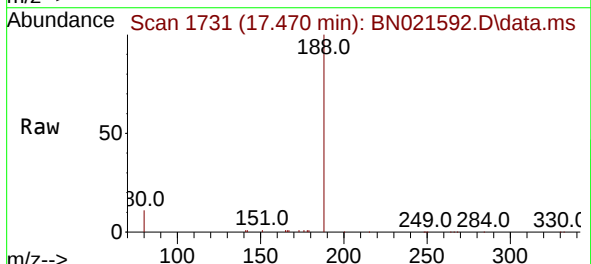
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Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 56.5 45.5 68.3

Manual Integrations
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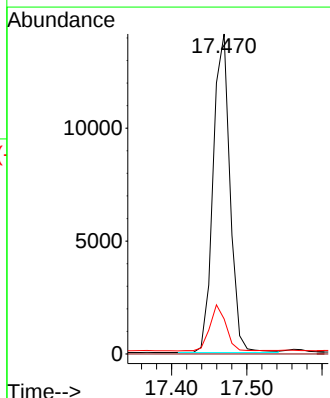
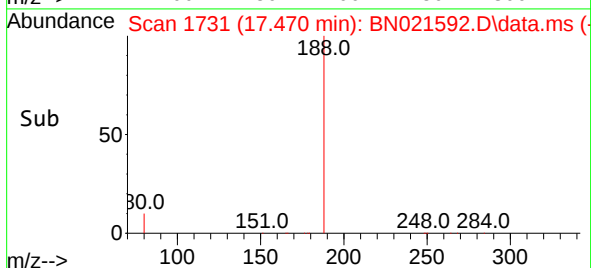
Reviewed By :Christian Giraldo 09/06/2022
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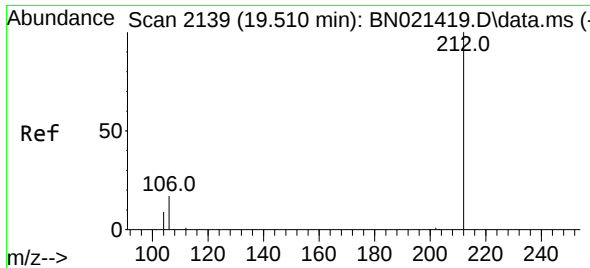


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47



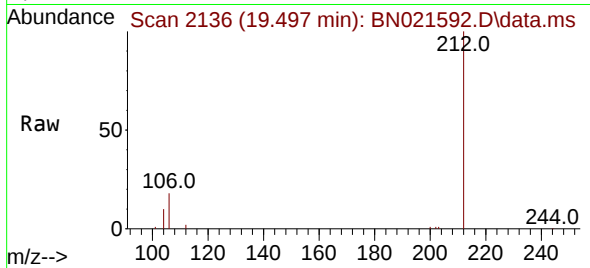
Tgt Ion:188 Resp: 21950
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 9.5 14.3





#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

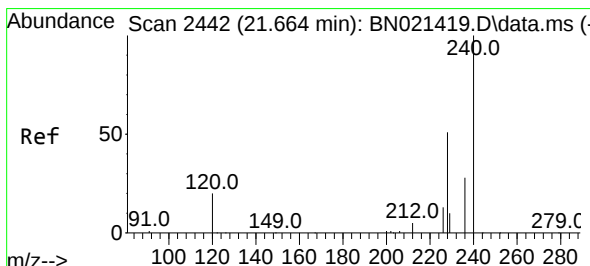
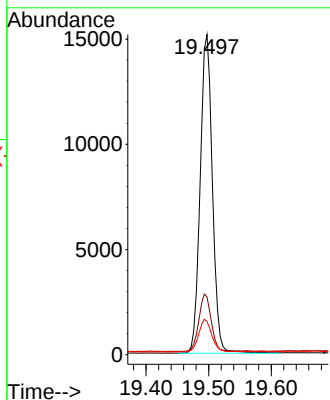
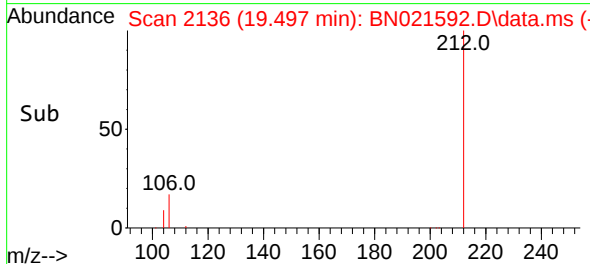
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-11.5-082922



Tgt Ion:212 Resp: 20494
Ion Ratio Lower Upper
212 100
106 18.3 14.2 21.2
104 10.9 7.8 11.6

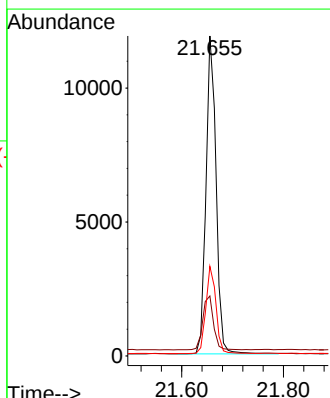
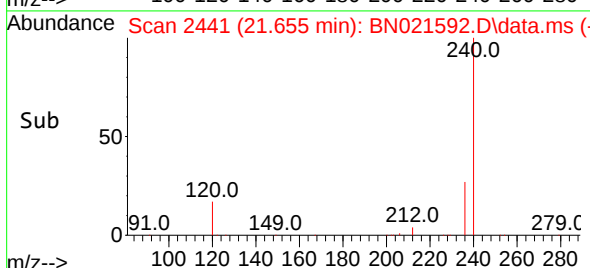
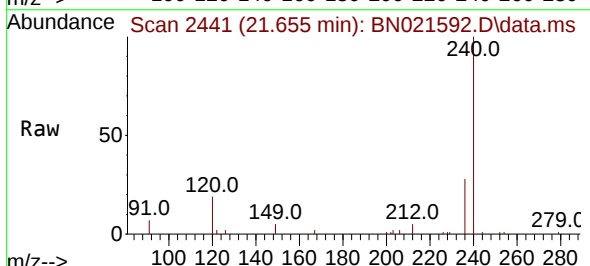
Manual Integrations
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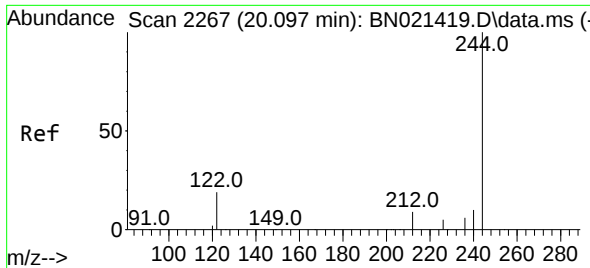
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021592.D
Acq: 03 Sep 2022 11:47

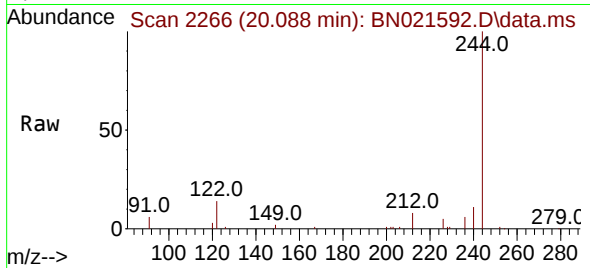
Tgt Ion:240 Resp: 16333
Ion Ratio Lower Upper
240 100
120 18.7 10.2 15.4#
236 28.0 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.472 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021592.D
 Acq: 03 Sep 2022 11:47

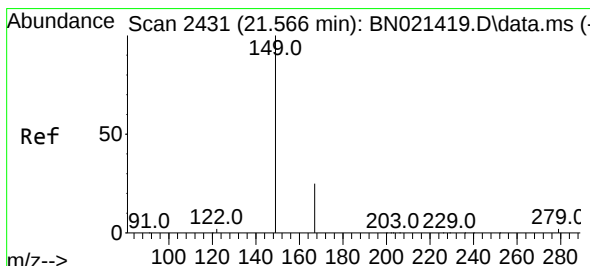
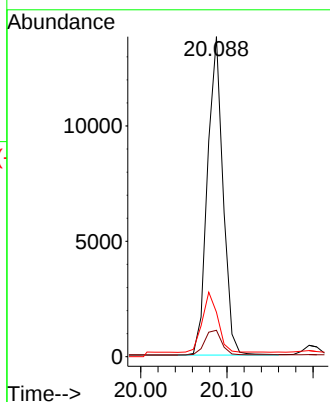
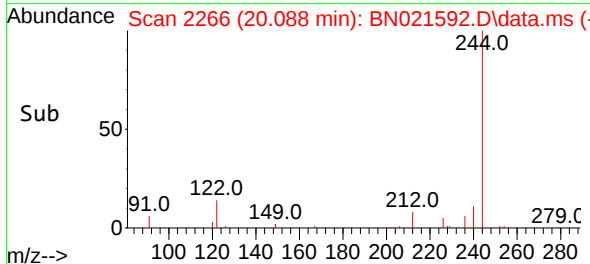
Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-11.5-082922



Tgt Ion:244 Resp: 1732
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 13.9 9.1 13.7

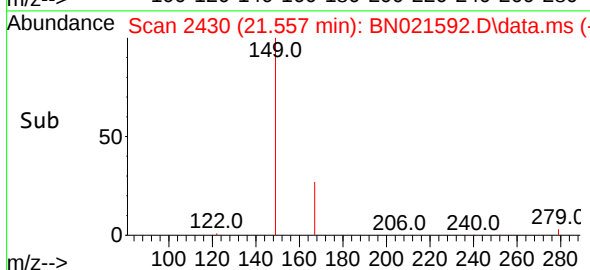
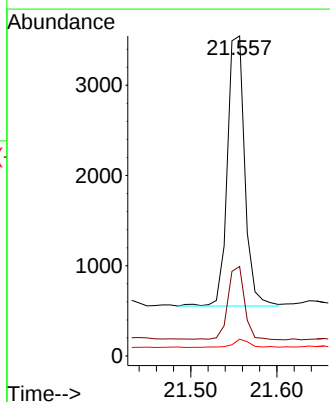
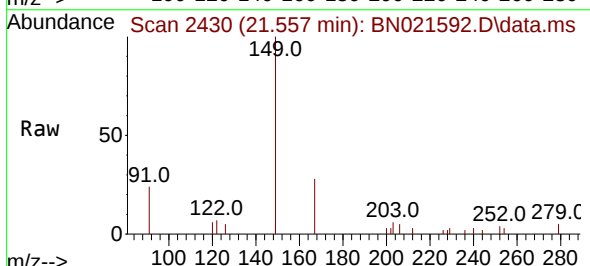
Manual Integrations
 APPROVED

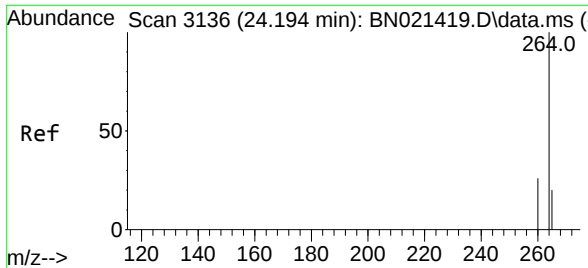
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.183 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN021592.D
 Acq: 03 Sep 2022 11:47

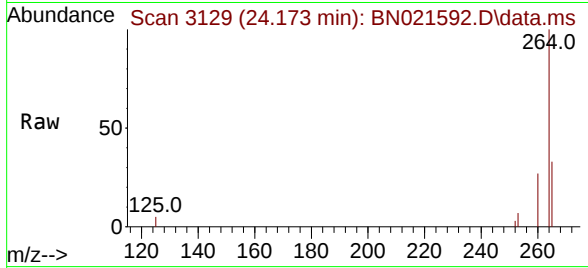
Tgt Ion:149 Resp: 4192
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 3.0 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.173 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN021592.D
 Acq: 03 Sep 2022 11:47

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-11.5-082922



Tgt Ion:264 Resp: 1224

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	33.1	32.2	48.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

