

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021678.D
 Acq On : 10 Sep 2022 01:47
 Operator : CG/JU
 Sample : N4537-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW14

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

Quant Time: Sep 10 02:20:34 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 09 23:19:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5835	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	16016	0.400	ng	#-0.01
13) Acenaphthene-d10	14.728	164	162565	0.400	ng	# 0.01
19) Phenanthrene-d10	17.470	188	17353	0.400	ng	# 0.00
29) Chrysene-d12	21.655	240	26560	0.400	ng	# 0.00
35) Perylene-d12	24.164	264	10154	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.570	112	4289	0.376	ng	-0.02
5) Phenol-d6	7.217	99	1740	0.120	ng	0.00
8) Nitrobenzene-d5	9.233	82	4103	0.379	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	10045	0.278	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1296	0.024	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	13104	0.018	ng	0.00
27) Fluoranthene-d10	19.497	212	16985	0.381	ng	0.00
31) Terphenyl-d14	20.088	244	9076	0.152	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.941	128	481394	10.146	ng	# 95
17) Acenaphthene	14.782	154	52935	0.099	ng	# 76
18) Fluorene	15.765	166	87160	0.132	ng	# 90
25) Phenanthrene	17.511	178	41813m	0.698	ng	
30) Pyrene	19.889	202	20371	0.144	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.548	149	5722	0.154	ng	# 90

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

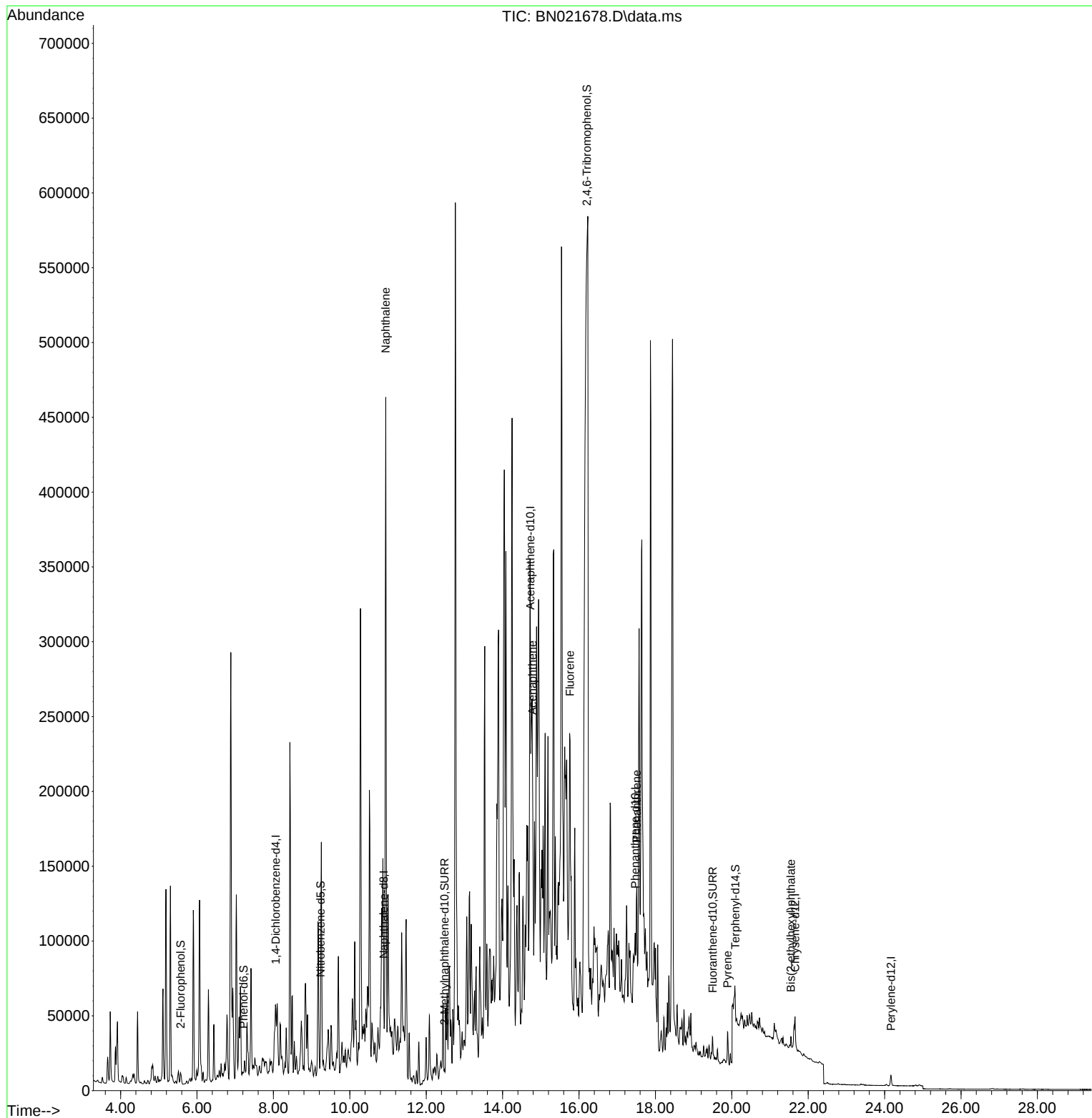
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021678.D
Acq On : 10 Sep 2022 01:47
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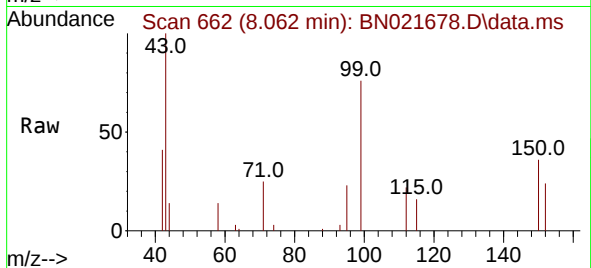
Quant Time: Sep 10 02:20:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

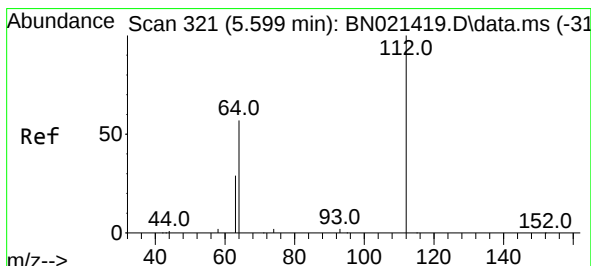
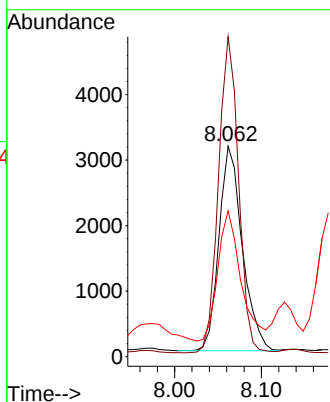
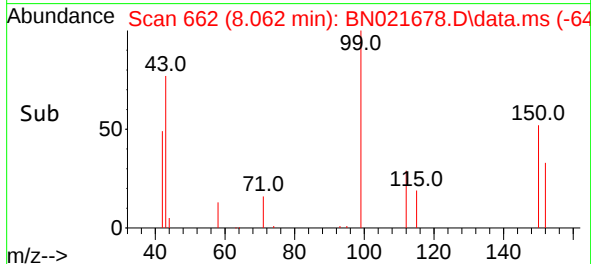
Instrument :
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MW14



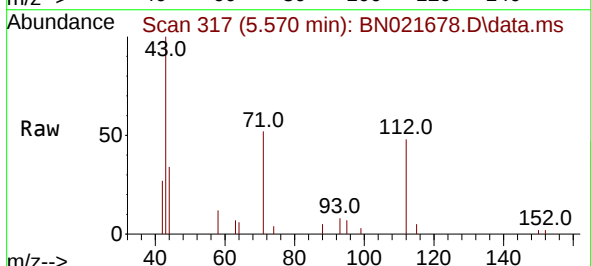
Tgt Ion:152 Resp: 583
Ion Ratio Lower Upper
152 100
150 152.1 121.4 182.0
115 69.3 48.6 72.8

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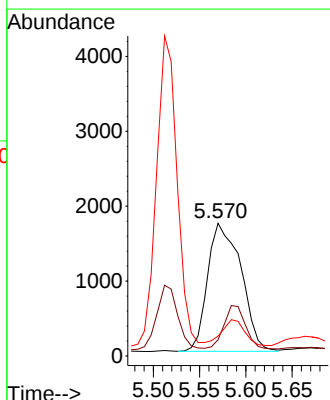
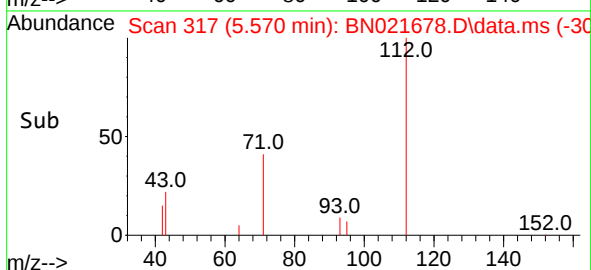
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

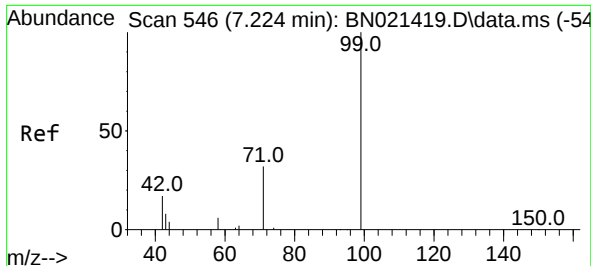


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.570 min Scan# 317
Delta R.T. -0.022 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47



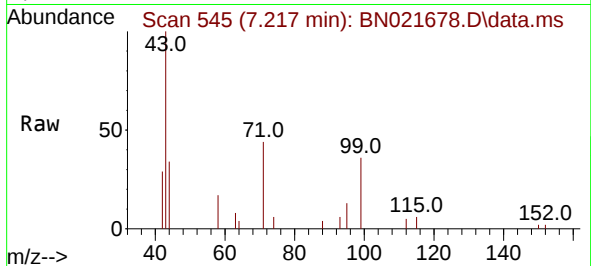
Tgt Ion:112 Resp: 4289
Ion Ratio Lower Upper
112 100
64 21.7 43.5 65.3#
63 13.8 22.6 34.0#





#5
Phenol-d6
Concen: 0.120 ng
RT: 7.217 min Scan# 546
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

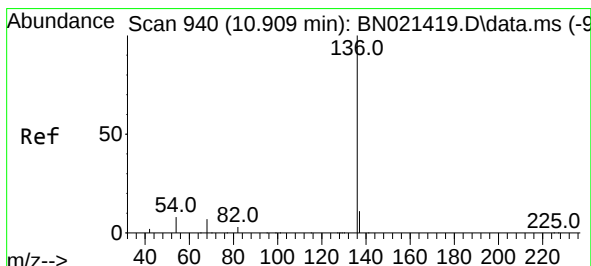
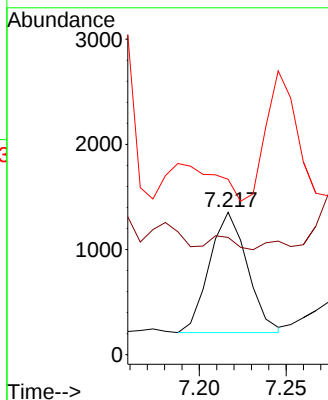
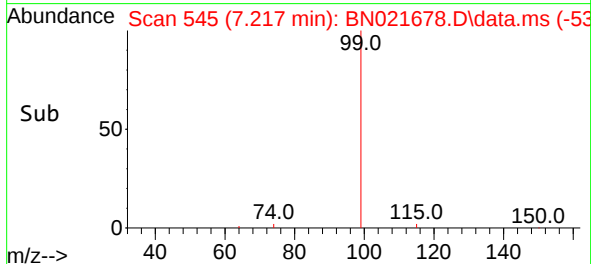
Instrument :
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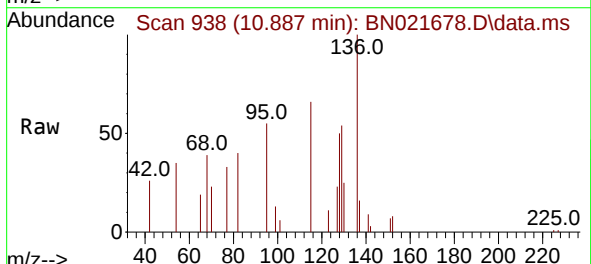
Tgt Ion: 99 Resp: 1740
Ion Ratio Lower Upper
99 100
42 0.0 15.5 23.3#
71 0.0 24.2 36.2#

Manual Integrations
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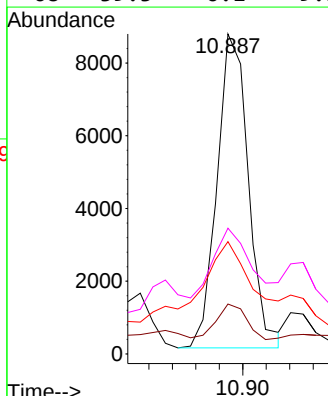
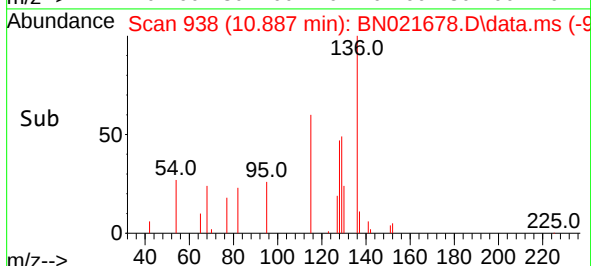
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47



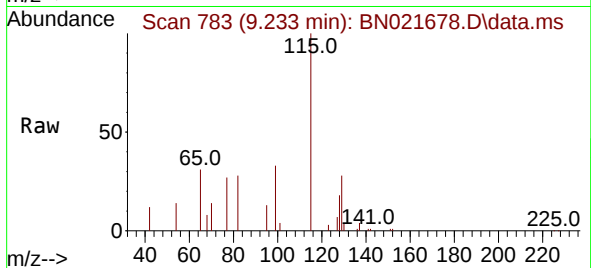
Tgt Ion:136 Resp: 16016
Ion Ratio Lower Upper
136 100
137 15.6 9.3 13.9#
54 35.1 6.9 10.3#
68 39.3 6.1 9.1#





#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 9.233 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

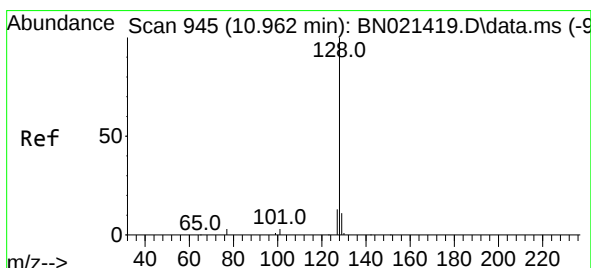
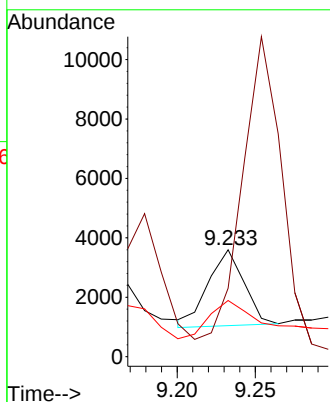
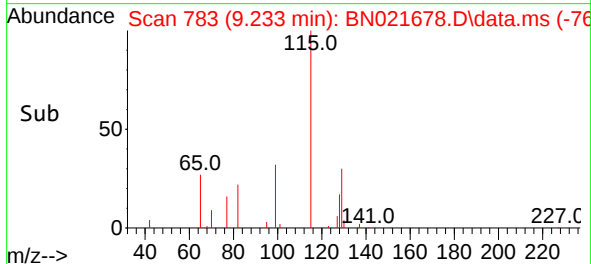
Instrument :
BNA_N
ClientSampleId :
MW14



Tgt Ion: 82 Resp: 410
Ion Ratio Lower Upper
82 100
128 64.0 30.9 46.3
54 52.5 42.7 64.1

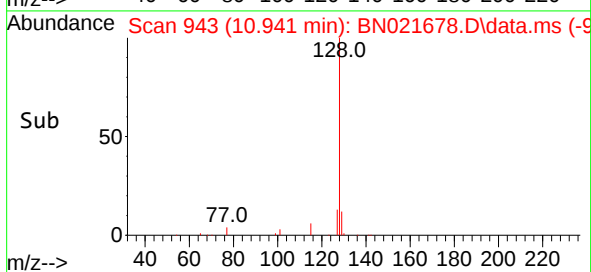
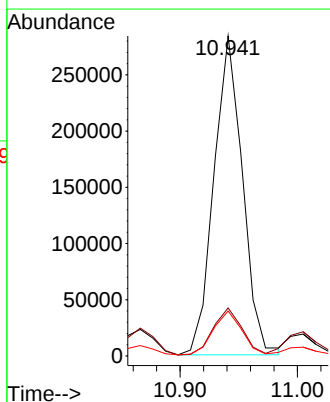
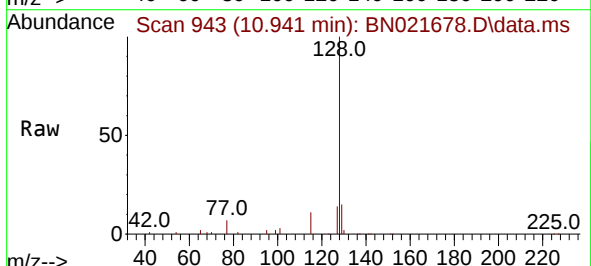
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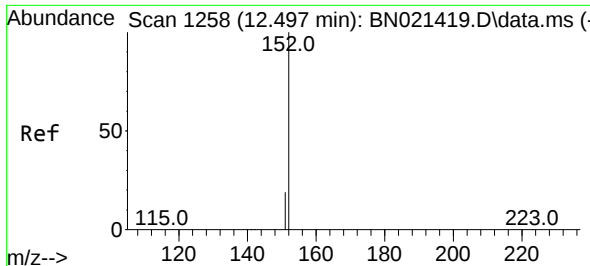
Reviewed By :Christian Giraldo 09/12/2022
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#9
Naphthalene
Concen: 10.146 ng
RT: 10.941 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

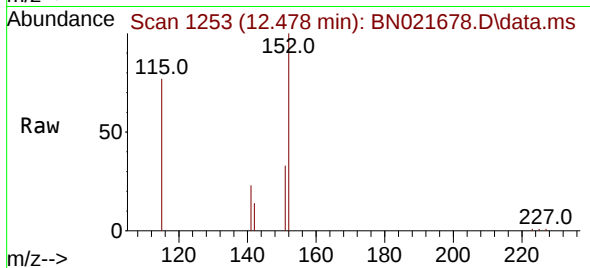
Tgt Ion:128 Resp: 481394
Ion Ratio Lower Upper
128 100
129 15.0 9.3 13.9#
127 14.1 11.0 16.4





#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.478 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

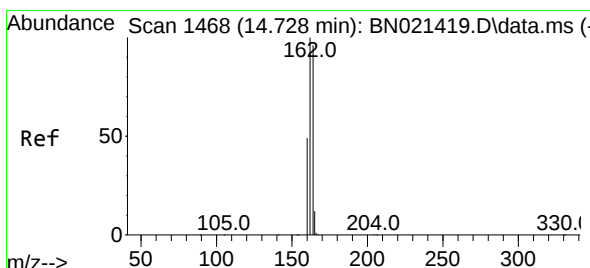
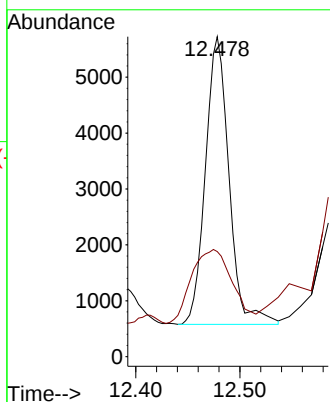
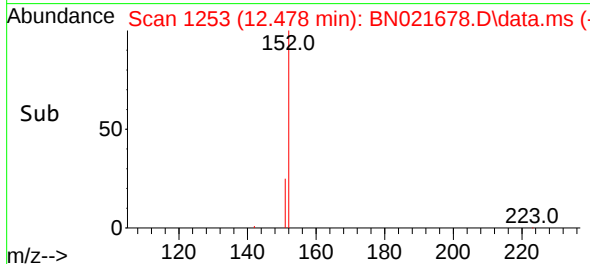
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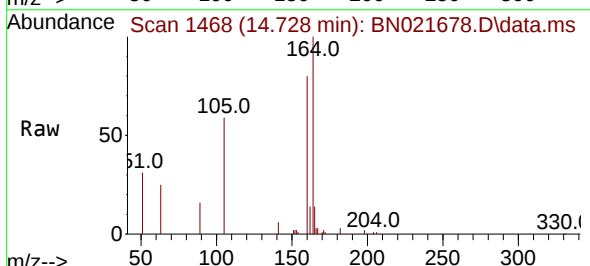
Tgt Ion:152 Resp: 10045
Ion Ratio Lower Upper
152 100
151 38.1 14.5 21.75

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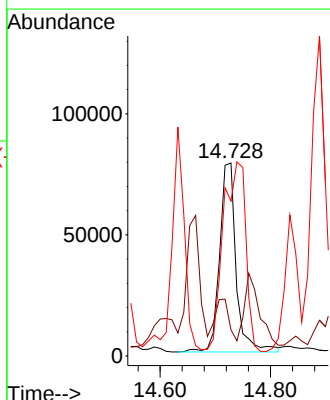
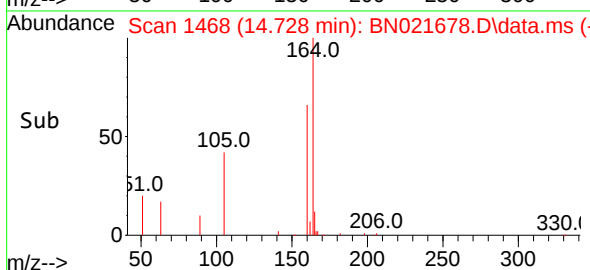
Reviewed By :Christian Giraldo 09/12/2022
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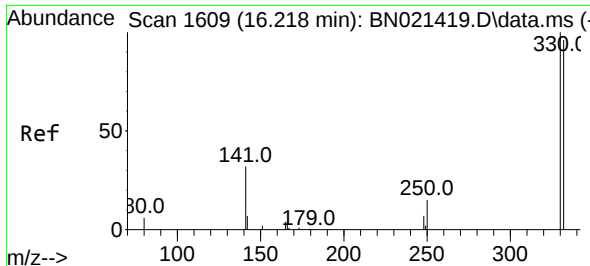


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.011 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47



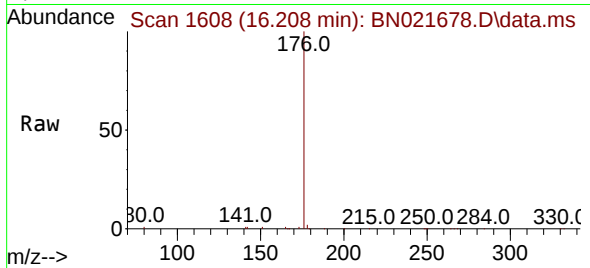
Tgt Ion:164 Resp: 162565
Ion Ratio Lower Upper
164 100
162 13.5 82.2 123.4#
160 80.3 39.5 59.3#





#14
2,4,6-Tribromophenol
Concen: 0.024 ng
RT: 16.208 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

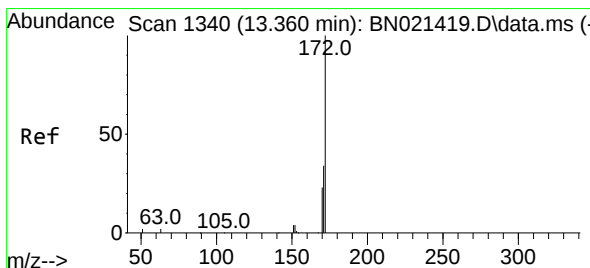
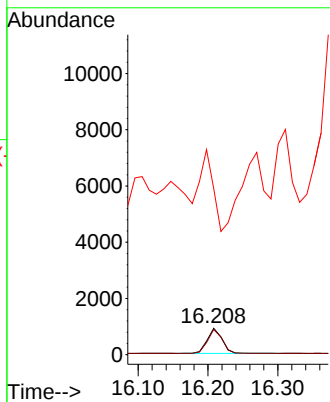
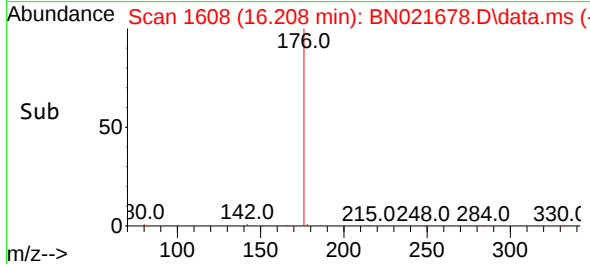
Instrument :
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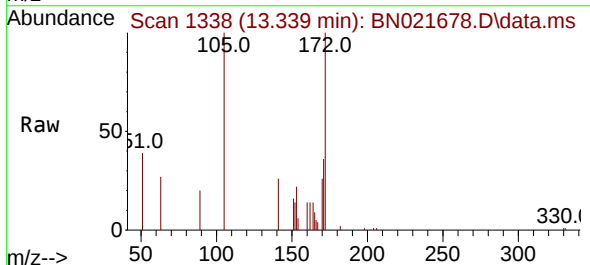
Tgt Ion: 330 Resp: 1290
Ion Ratio Lower Upper
330 100
332 96.5 79.3 118.9
141 295.8 37.1 55.7

Manual Integrations
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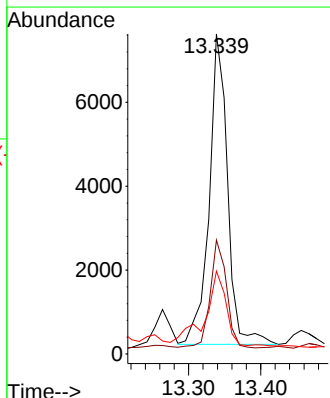
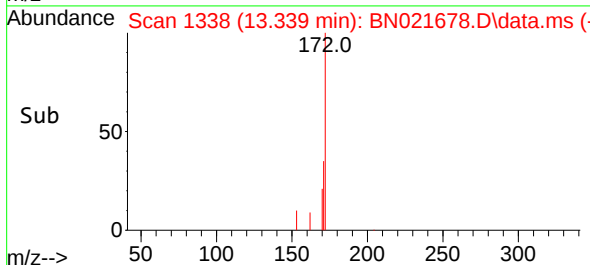
Reviewed By : Christian Giraldo 09/12/2022
Supervised By : Jagrut Upadhyay 09/12/2022

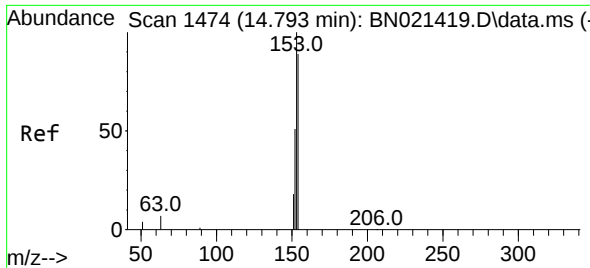


#15
2-Fluorobiphenyl
Concen: 0.018 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47



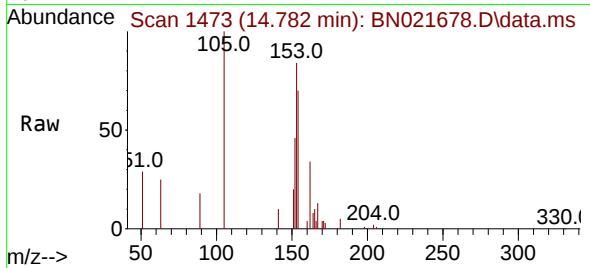
Tgt Ion: 172 Resp: 13104
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 25.9 18.6 28.0





#17
Acenaphthene
Concen: 0.099 ng
RT: 14.782 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

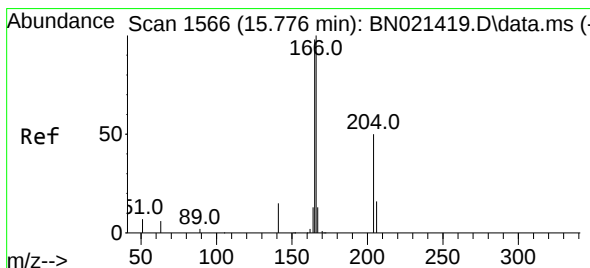
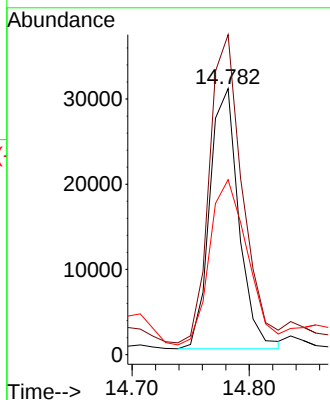
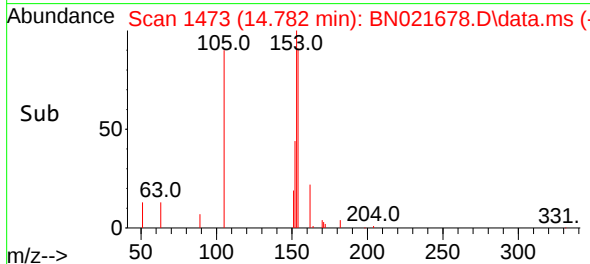
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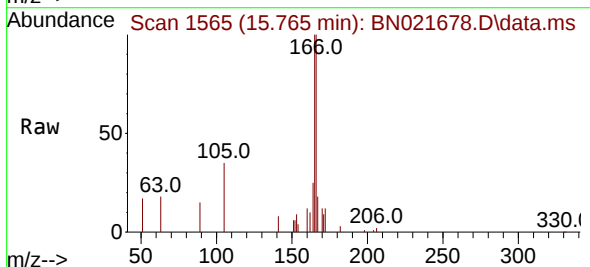
Tgt Ion:154 Resp: 52935
Ion Ratio Lower Upper
154 100
153 132.1 89.5 134.3
152 82.4 45.5 68.3

Manual Integrations
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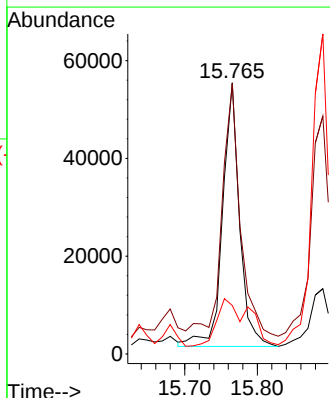
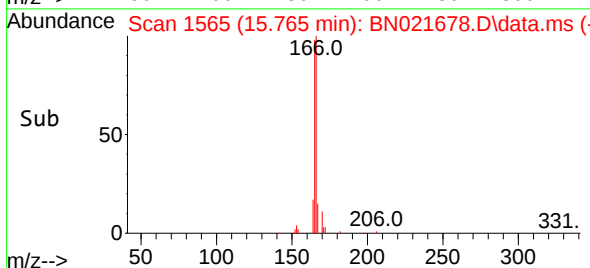
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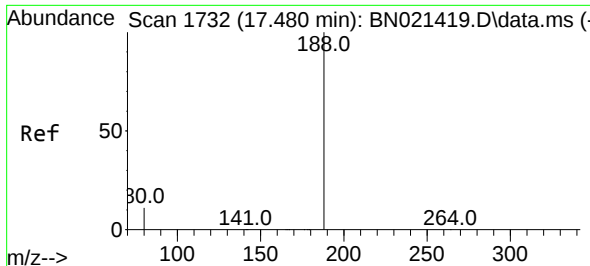


#18
Fluorene
Concen: 0.132 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47



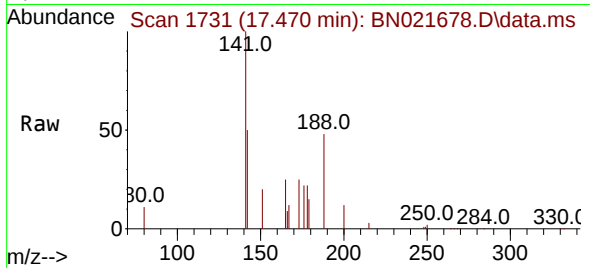
Tgt Ion:166 Resp: 87160
Ion Ratio Lower Upper
166 100
165 102.5 78.7 118.1
167 33.9 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

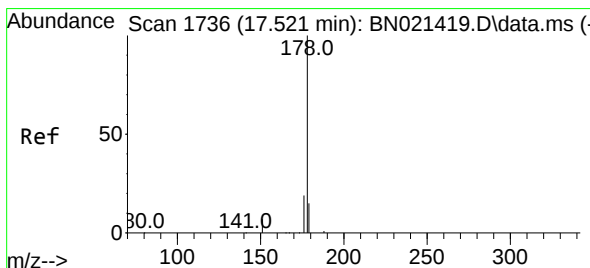
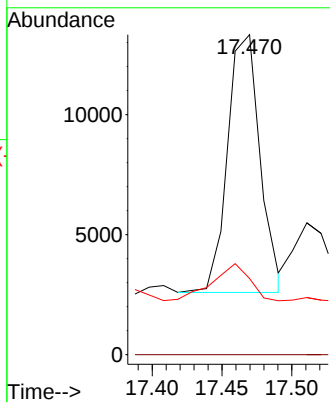
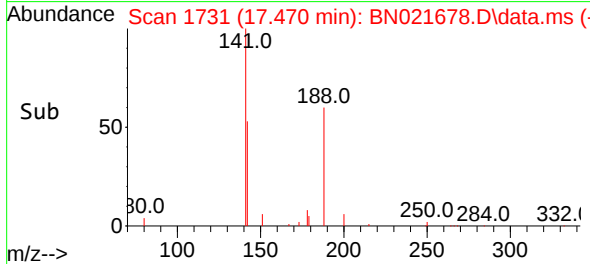
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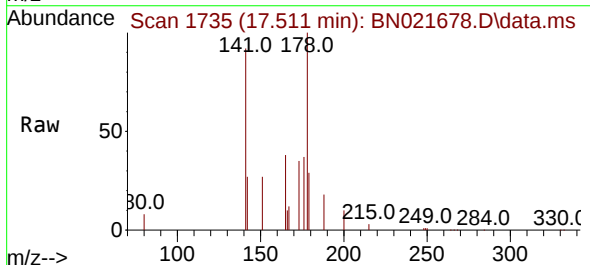
Tgt Ion:188 Resp: 1735
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 23.8 9.5 14.3

Manual Integrations
APPROVED

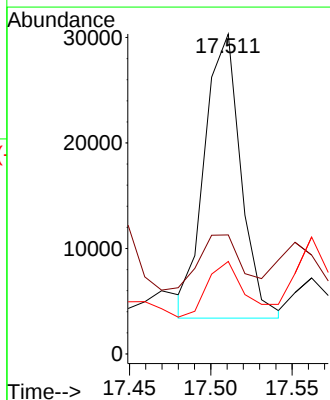
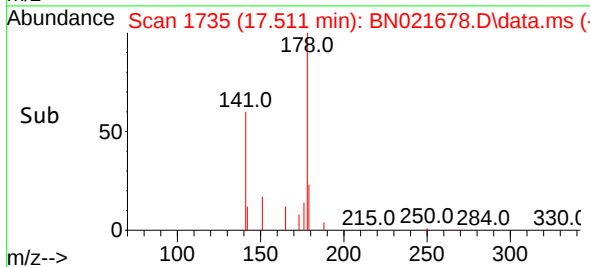
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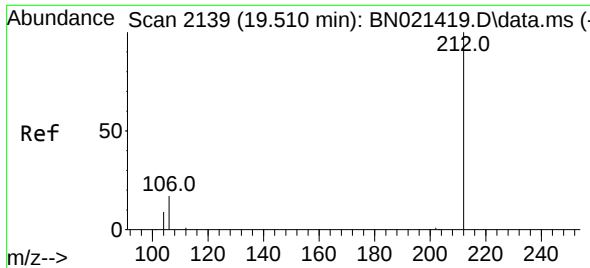


#25
Phenanthrene
Concen: 0.698 ng m
RT: 17.511 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47



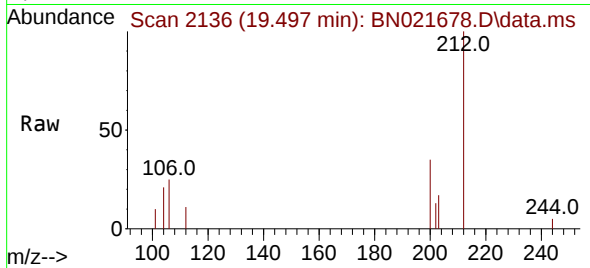
Tgt Ion:178 Resp: 41813
Ion Ratio Lower Upper
178 100
176 22.7 15.4 23.2
179 21.3 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

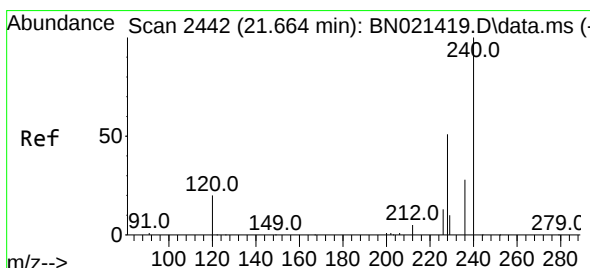
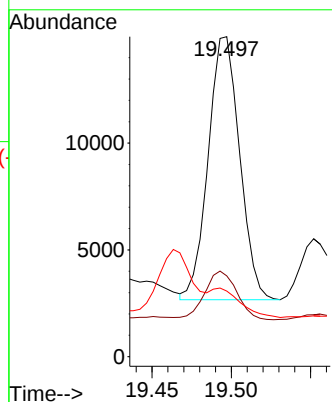
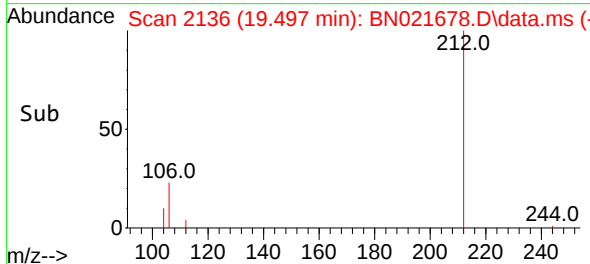
Instrument :
BNA_N
ClientSampleId :
MW14



Tgt Ion:212 Resp: 16985
Ion Ratio Lower Upper
212 100
106 19.0 14.2 21.2
104 0.0 7.8 11.6

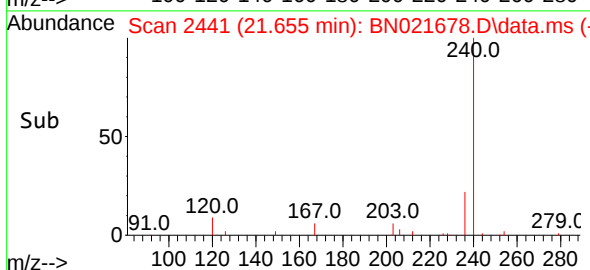
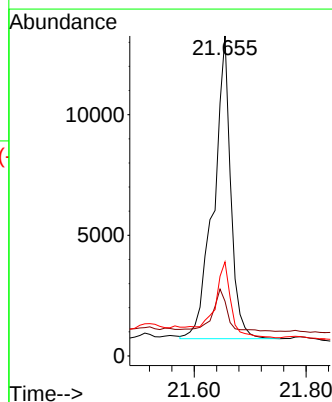
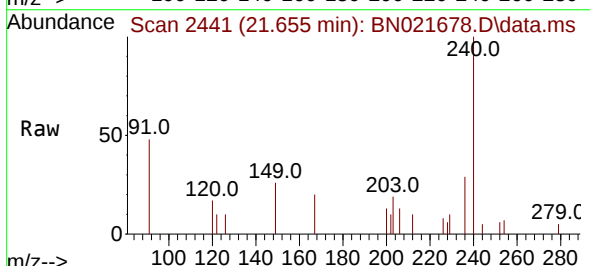
Manual Integrations
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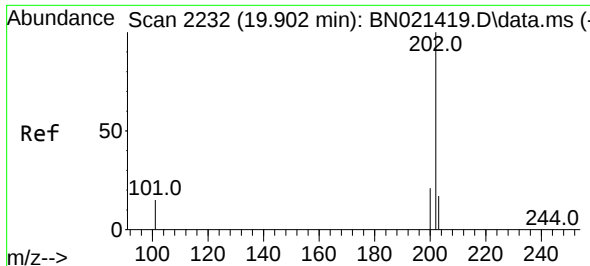
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

Tgt Ion:240 Resp: 26560
Ion Ratio Lower Upper
240 100
120 17.1 10.2 15.4
236 29.4 22.1 33.1





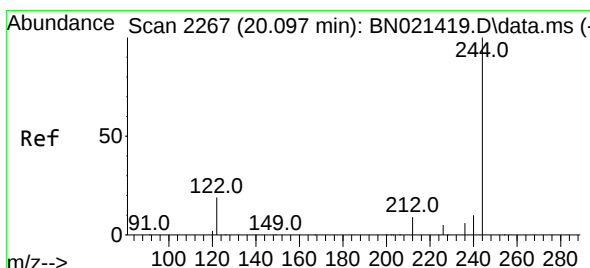
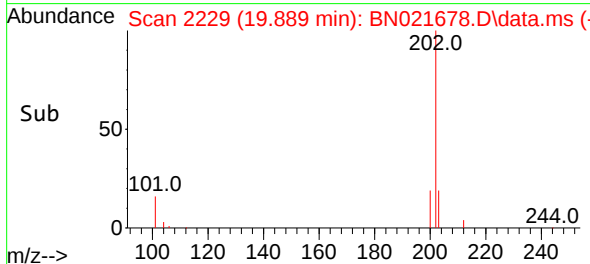
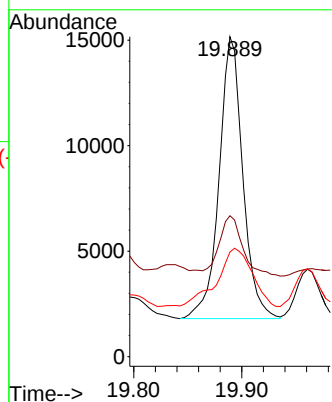
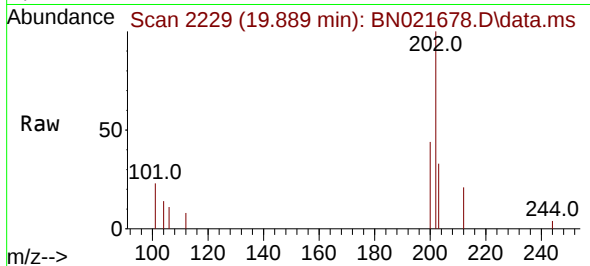
#30
Pyrene
Concen: 0.144 ng
RT: 19.889 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

Instrument :
BNA_N
ClientSampleId :
MW14

Tgt Ion:202 Resp: 2037
Ion Ratio Lower Upper
202 100
200 21.1 13.9 20.9#
203 30.8 11.9 17.9#

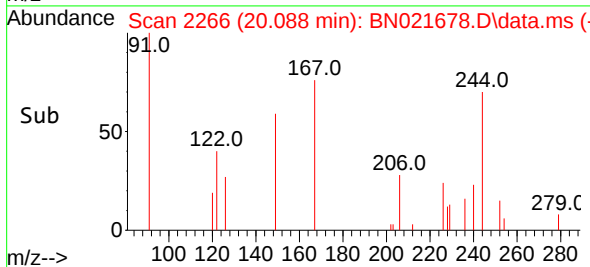
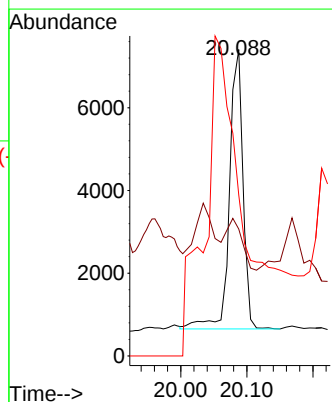
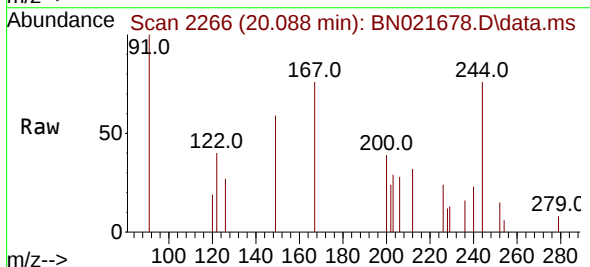
Manual Integrations
APPROVED

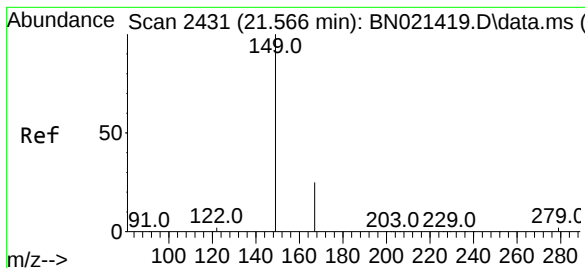
Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#31
Terphenyl-d14
Concen: 0.152 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

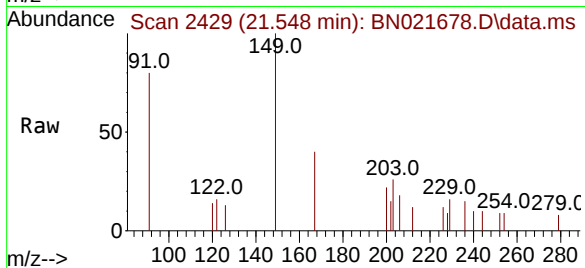
Tgt Ion:244 Resp: 9076
Ion Ratio Lower Upper
244 100
212 41.4 6.5 9.7#
122 52.5 9.1 13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.154 ng
RT: 21.548 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

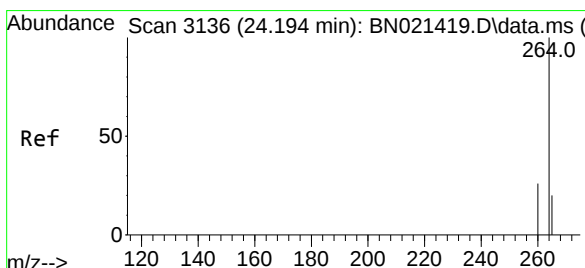
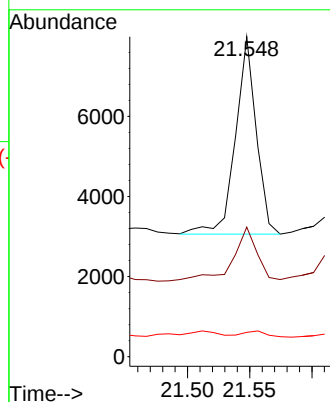
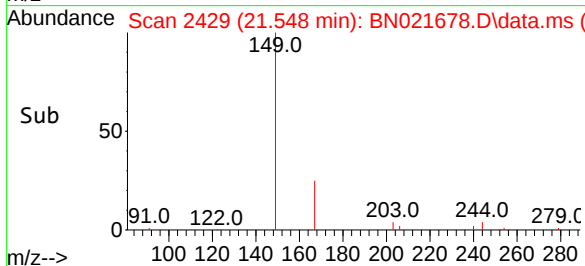
Instrument :
BNA_N
ClientSampleId :
MW14



Tgt Ion:149 Resp: 572
Ion Ratio Lower Upper
149 100
167 32.2 21.4 32.0
279 3.6 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.164 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BN021678.D
Acq: 10 Sep 2022 01:47

Tgt Ion:264 Resp: 10154
Ion Ratio Lower Upper
264 100
260 27.3 21.0 31.6
265 49.1 32.2 48.2

