

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
 Data File : BN018936.D
 Acq On : 14 Mar 2022 15:07
 Operator : CG/JU
 Sample : N1889-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TW-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/15/2022
 Supervised By : Jagrut Upadhyay 03/15/2022

Quant Time: Mar 14 15:37:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 23:19:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	6646	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	18692	0.400	ng	# 0.00
13) Acenaphthene-d10	14.527	164	11759	0.400	ng	0.00
19) Phenanthrene-d10	17.266	188	23571	0.400	ng	0.00
29) Chrysene-d12	21.449	240	16225	0.400	ng	# 0.00
35) Perylene-d12	23.837	264	12481	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	2007	0.120	ng	0.00
5) Phenol-d6	7.053	99	1364	0.070	ng	0.00
8) Nitrobenzene-d5	9.046	82	3354m	0.216	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	8503	0.276	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	1729	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.159	172	14121	0.276	ng	0.00
27) Fluoranthene-d10	19.295	212	23157	0.347	ng	0.00
31) Terphenyl-d14	19.889	244	17863	0.495	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.591	154	5957	0.152	ng	93
26) Anthracene	17.400	178	10807	0.157	ng	# 83
28) Fluoranthene	19.324	202	5711	0.068	ng	# 86
30) Pyrene	19.687	202	25594	0.328	ng	# 90
32) Benzo(a)anthracene	21.431	228	8119	0.126	ng	# 31
33) Chrysene	21.485	228	13906	0.205	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.360	149	4890	0.168	ng	# 99

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

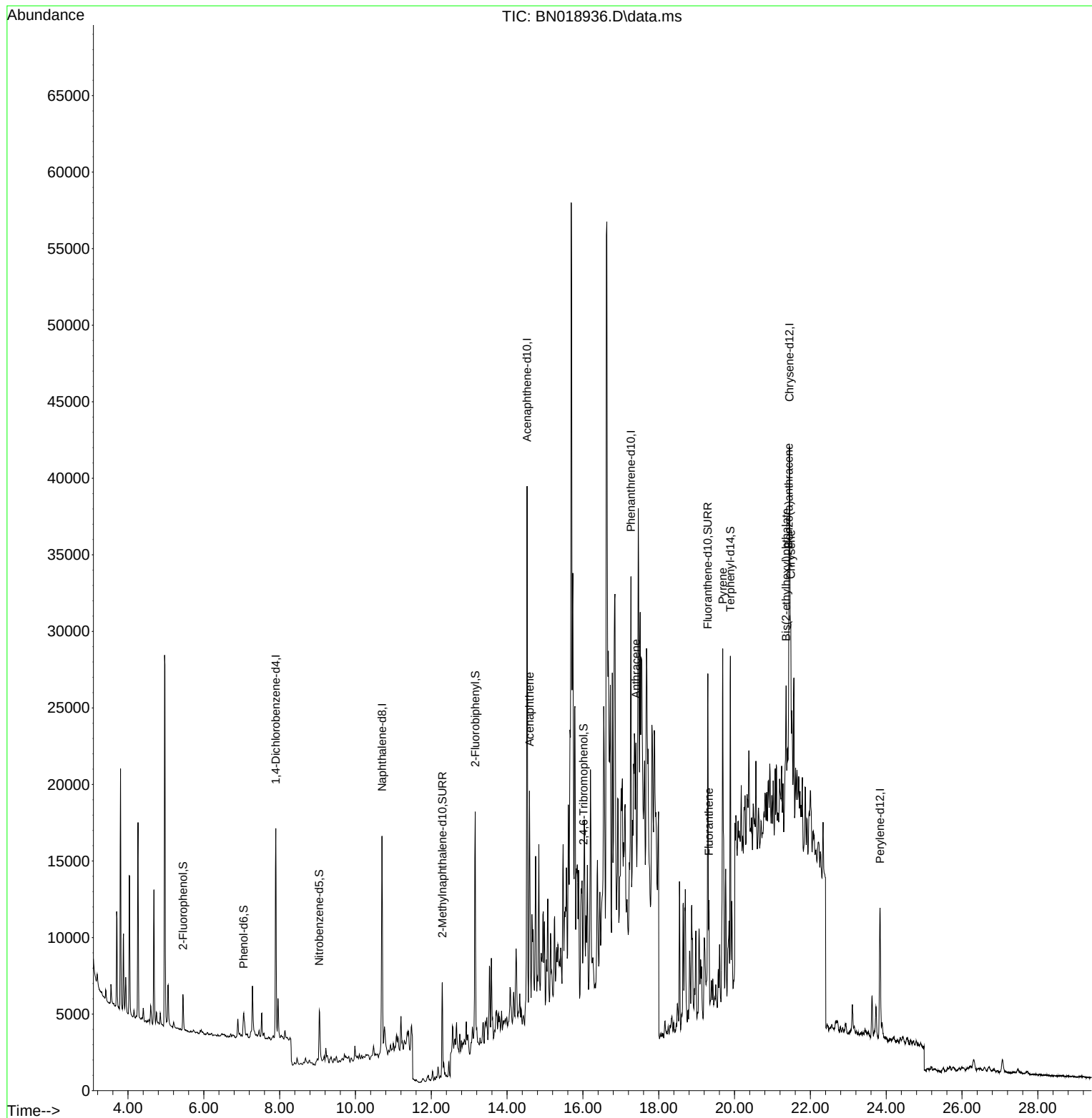
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031422\
Data File : BN018936.D
Acq On : 14 Mar 2022 15:07
Operator : CG/JU
Sample : N1889-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

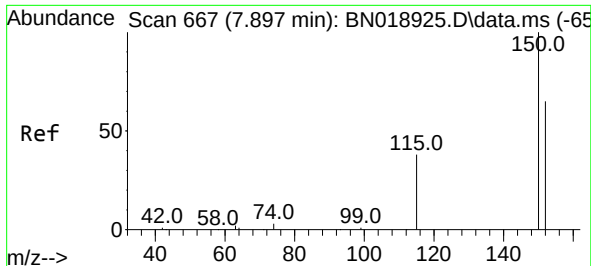
Instrument :
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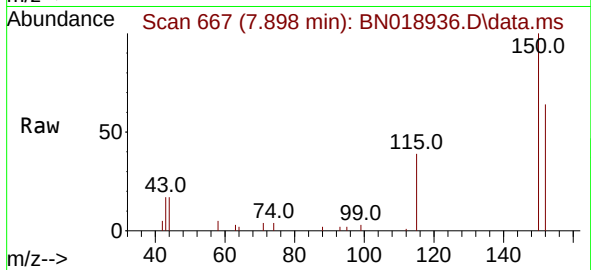
Quant Time: Mar 14 15:37:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 23:19:11 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 667
Delta R.T. 0.001 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

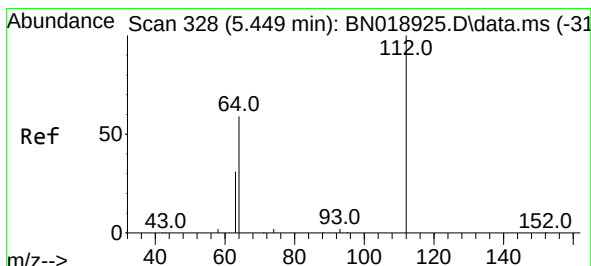
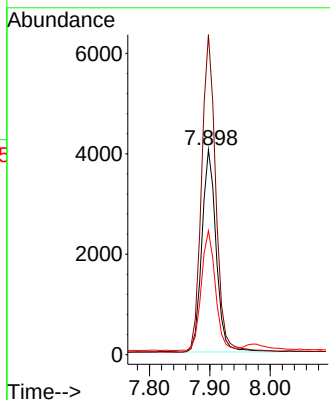
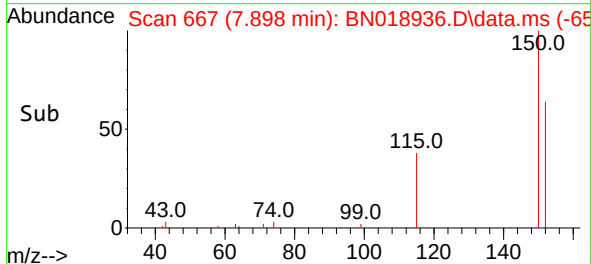
Instrument :
BNA_N
ClientSampleId :
TW-01



Tgt Ion:152 Resp: 6640
Ion Ratio Lower Upper
152 100
150 156.0 123.9 185.9
115 60.4 48.2 72.4

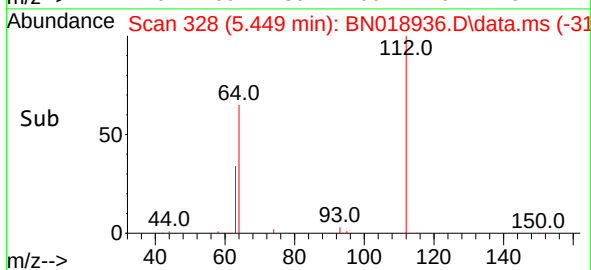
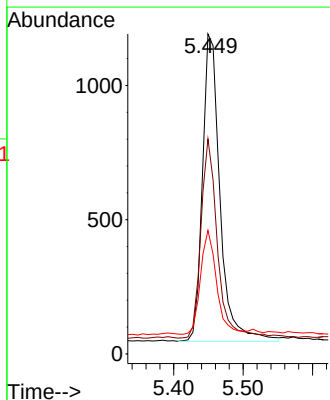
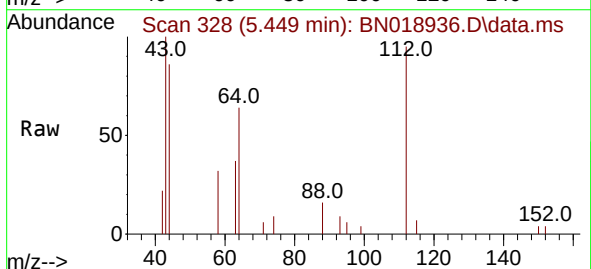
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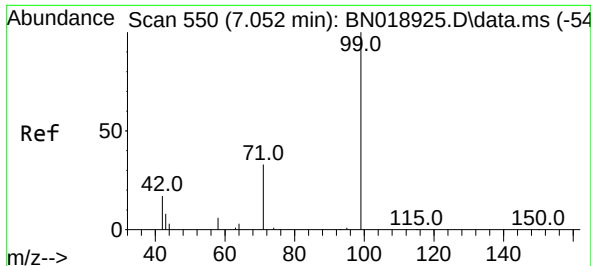
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

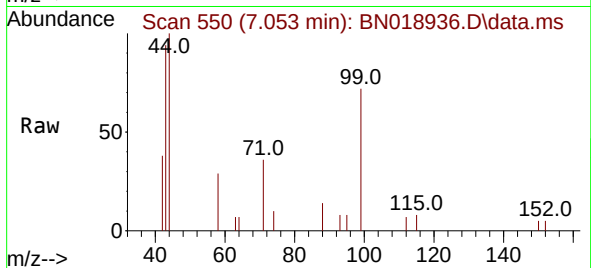
Tgt Ion:112 Resp: 2007
Ion Ratio Lower Upper
112 100
64 61.8 47.8 71.8
63 30.8 25.7 38.5





#5
Phenol-d6
Concen: 0.070 ng
RT: 7.053 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

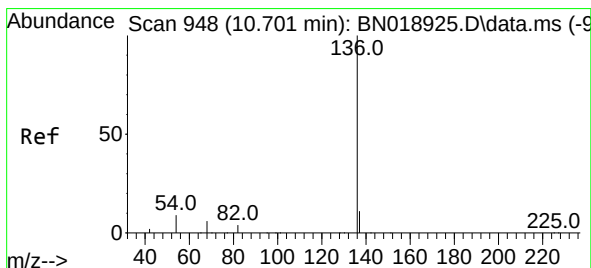
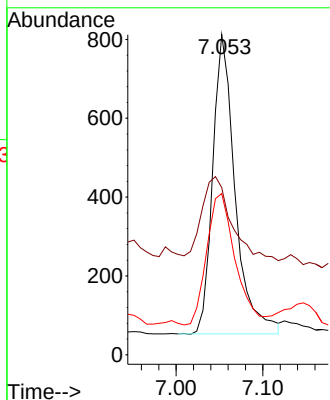
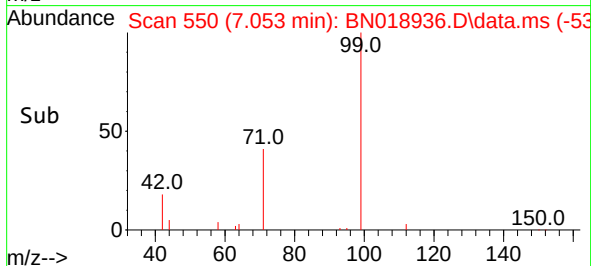
Instrument :
BNA_N
ClientSampleId :
TW-01



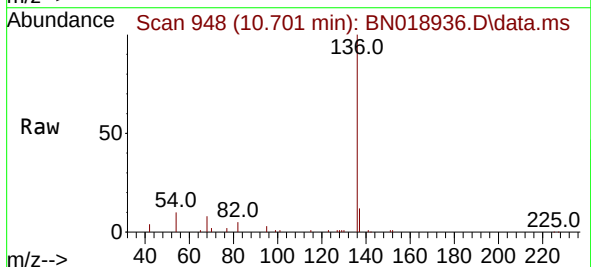
Tgt Ion: 99 Resp: 1364
Ion Ratio Lower Upper
99 100
42 37.0 16.2 24.4#
71 55.6 27.7 41.5#

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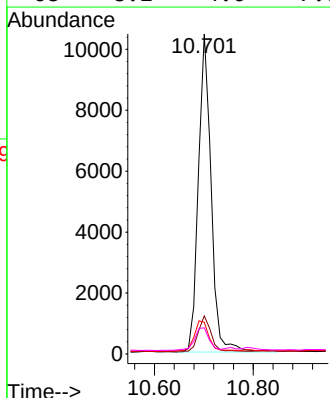
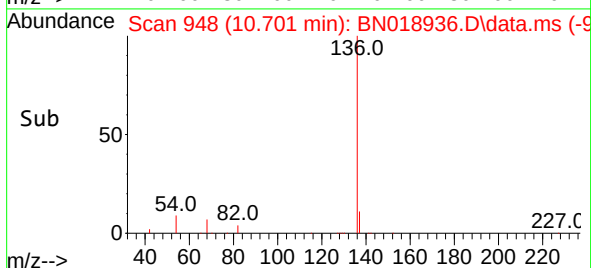
Reviewed By :Christian Giraldo 03/15/2022
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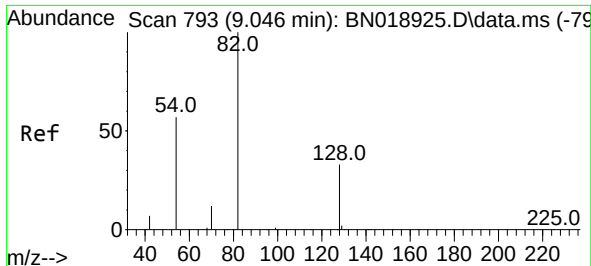


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07



Tgt Ion:136 Resp: 18692
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 9.9 5.8 8.6#
68 8.2 4.6 7.0#





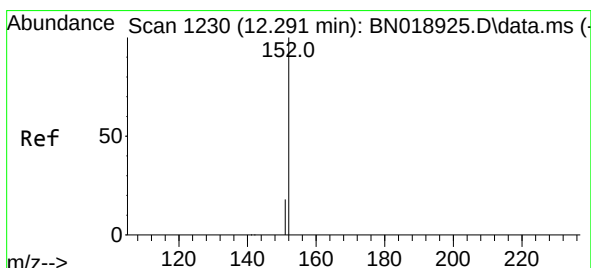
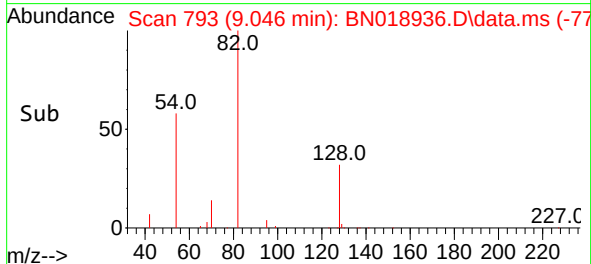
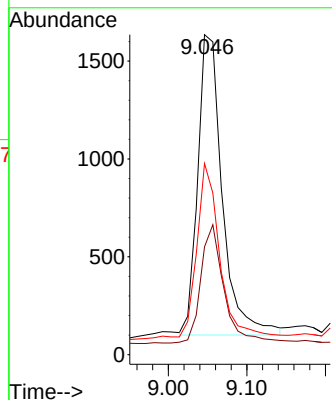
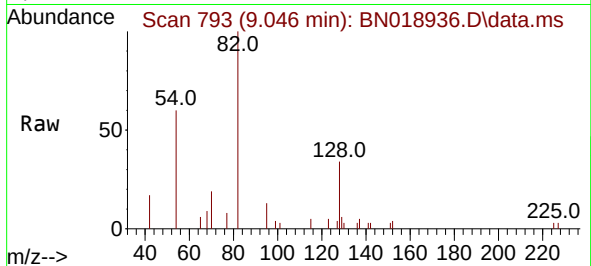
#8
Nitrobenzene-d5
Concen: 0.216 ng m
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

Instrument :
BNA_N
ClientSampleId :
TW-01

Tgt Ion: 82 Resp: 3354
Ion Ratio Lower Upper
82 100
128 33.7 33.0 49.6
54 59.8 42.5 63.7

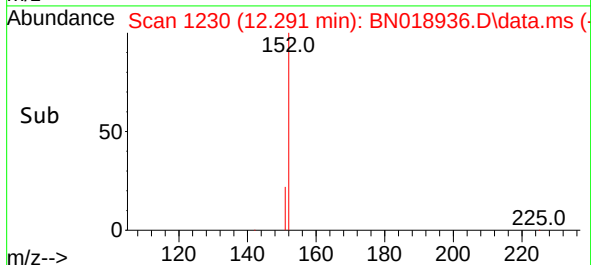
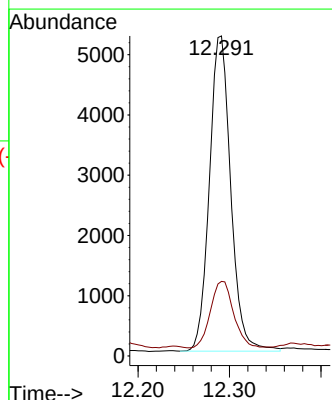
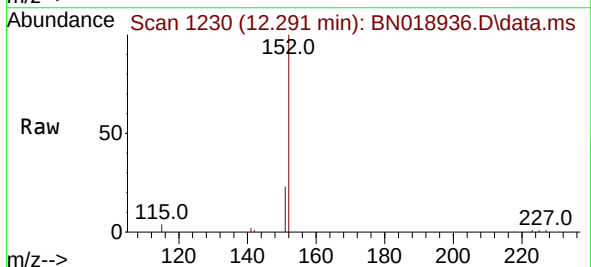
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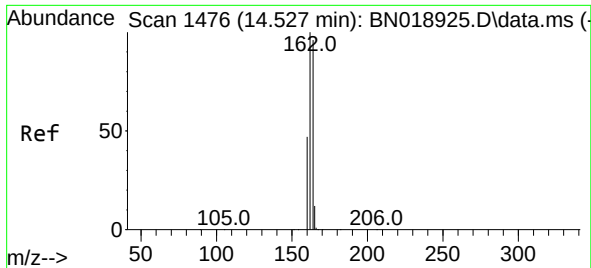
Reviewed By :Christian Giraldo 03/15/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.291 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

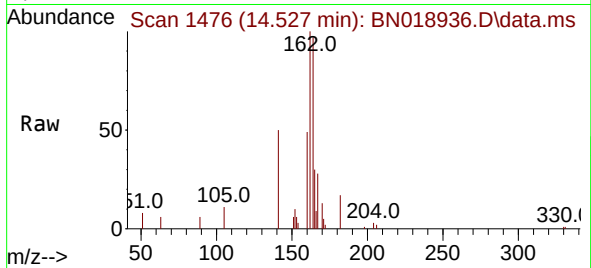
Tgt Ion:152 Resp: 8503
Ion Ratio Lower Upper
152 100
151 22.9 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

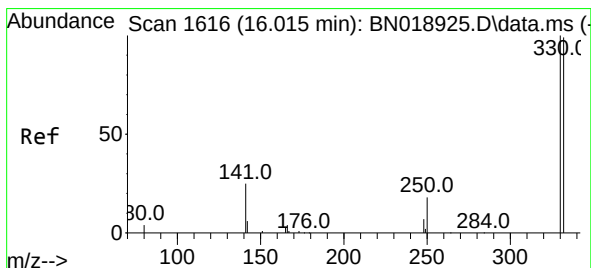
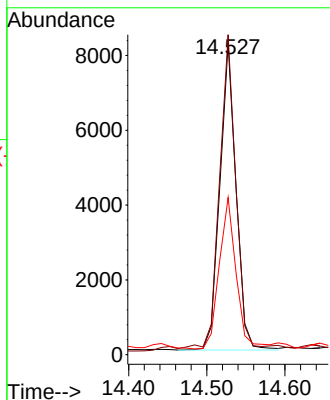
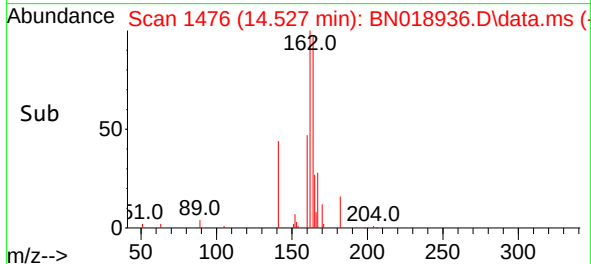
Instrument :
BNA_N
ClientSampleId :
TW-01



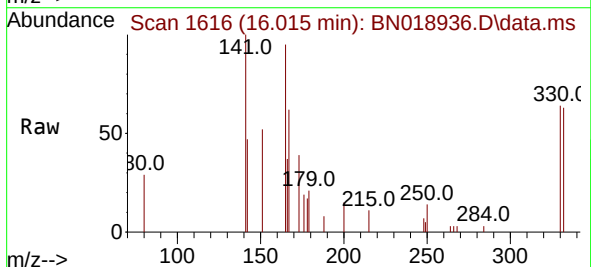
Tgt Ion:164 Resp: 11759
Ion Ratio Lower Upper
164 100
162 102.9 85.2 127.8
160 50.5 41.5 62.3

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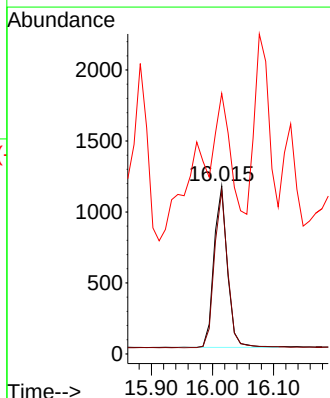
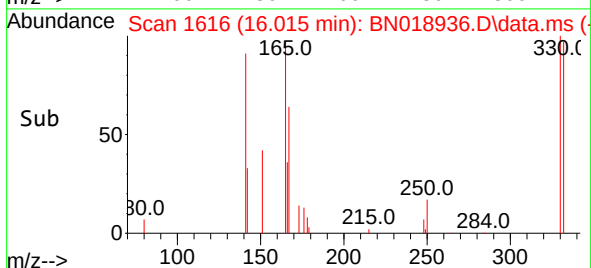
Reviewed By :Christian Giraldo 03/15/2022
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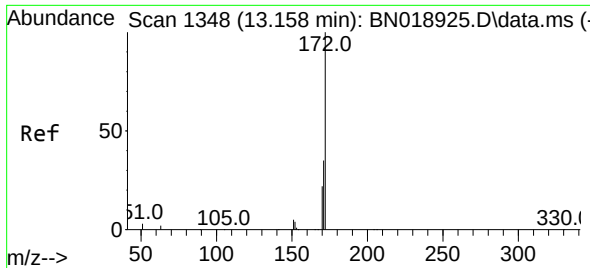


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.015 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07



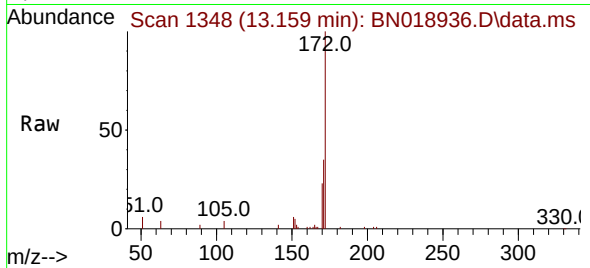
Tgt Ion:330 Resp: 1729
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 78.5 32.2 48.2#





#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.159 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

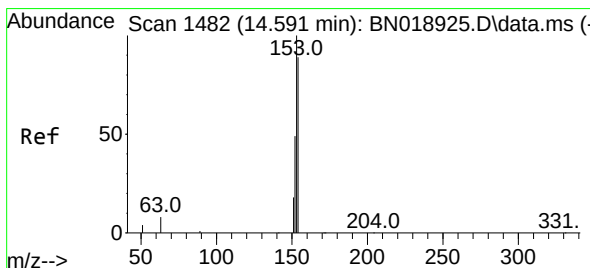
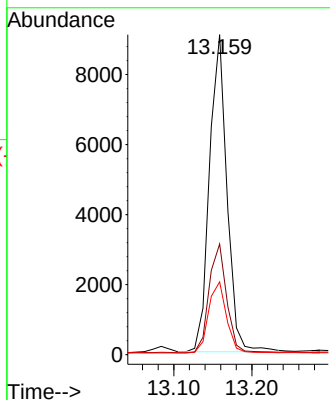
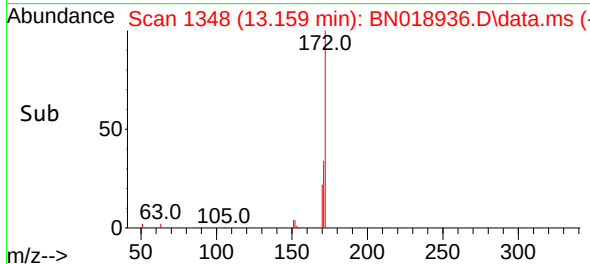
Instrument :
BNA_N
ClientSampleId :
TW-01



Tgt Ion:172 Resp: 1412
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 22.7 18.7 28.1

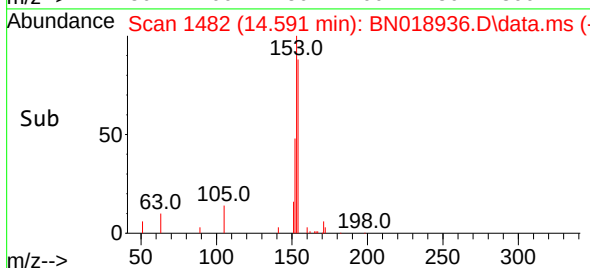
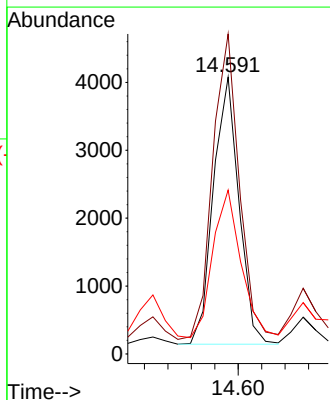
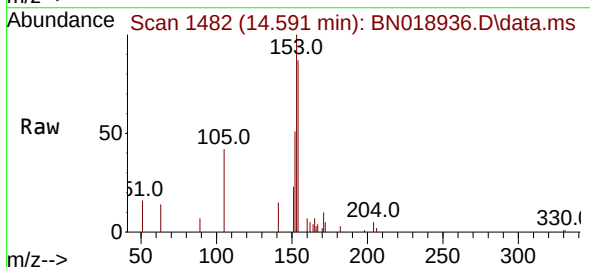
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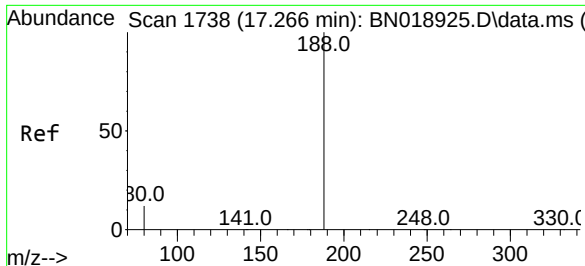
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#17
Acenaphthene
Concen: 0.152 ng
RT: 14.591 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

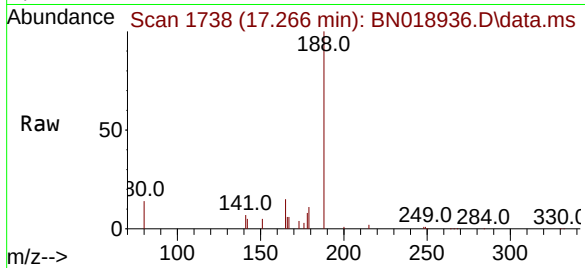
Tgt Ion:154 Resp: 5957
Ion Ratio Lower Upper
154 100
153 119.0 89.7 134.5
152 61.2 44.7 67.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.266 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

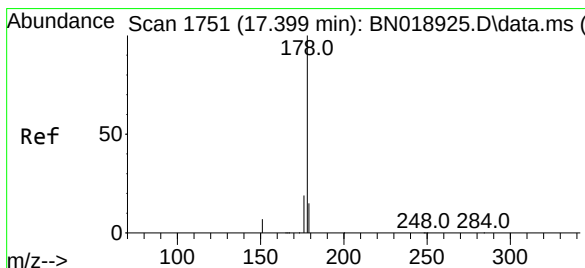
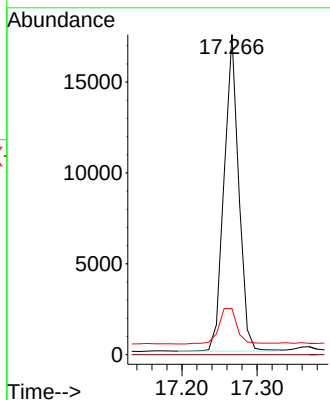
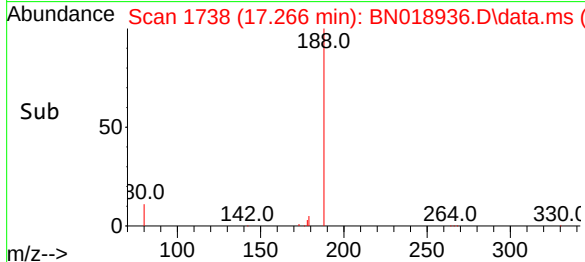
Instrument :
BNA_N
ClientSampleId :
TW-01



Tgt Ion:188 Resp: 2357
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 11.8 17.8

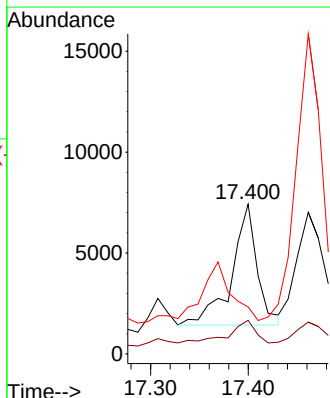
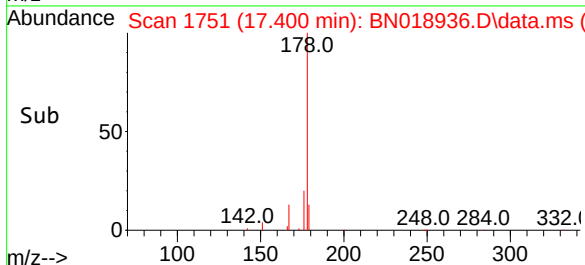
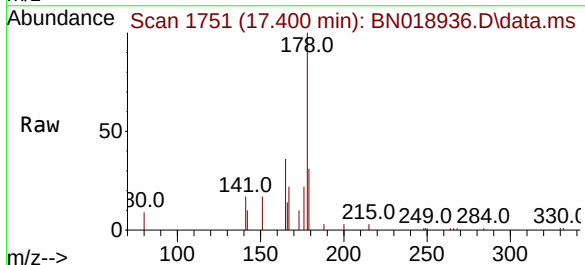
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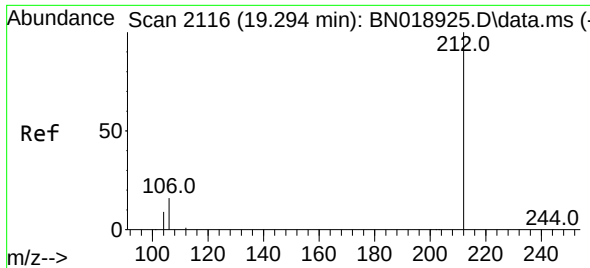
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#26
Anthracene
Concen: 0.157 ng
RT: 17.400 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

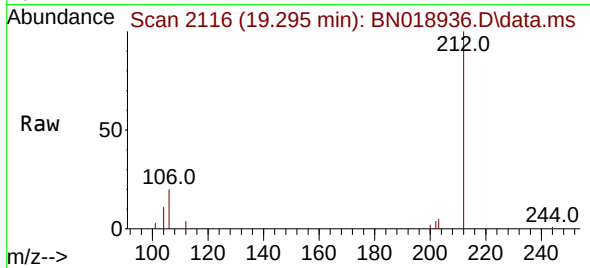
Tgt Ion:178 Resp: 10807
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 0.0 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.295 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

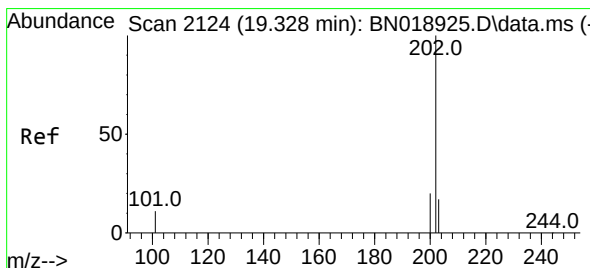
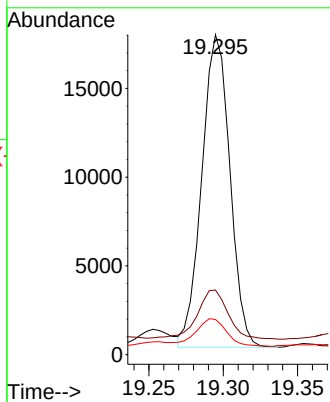
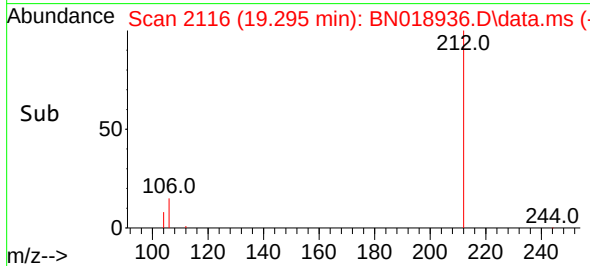
Instrument :
BNA_N
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TW-01



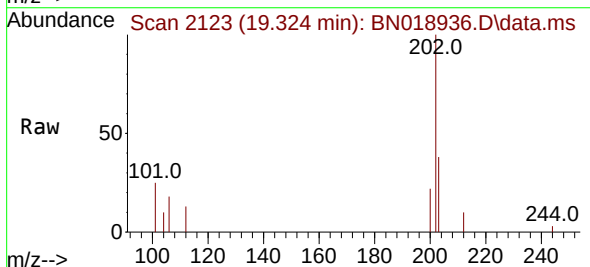
Tgt Ion:212 Resp: 2315
Ion Ratio Lower Upper
212 100
106 17.4 12.7 19.1
104 9.7 7.1 10.7

Manual Integrations
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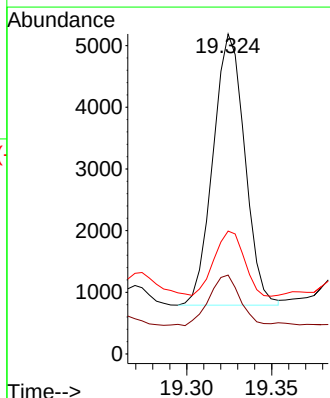
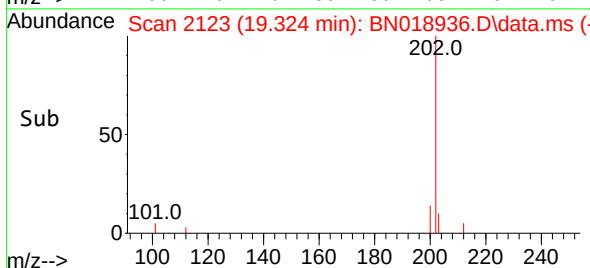
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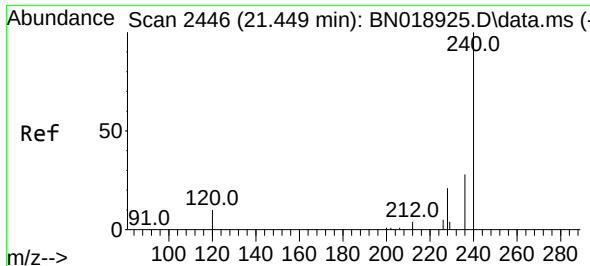


#28
Fluoranthene
Concen: 0.068 ng
RT: 19.324 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07



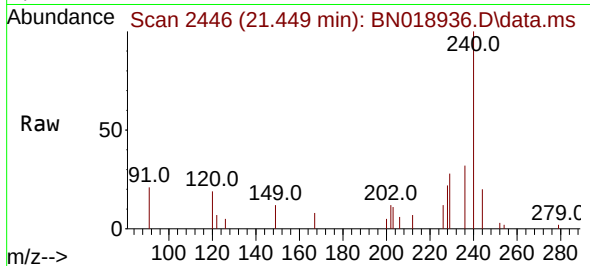
Tgt Ion:202 Resp: 5711
Ion Ratio Lower Upper
202 100
101 18.2 9.8 14.6#
203 22.6 13.7 20.5#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

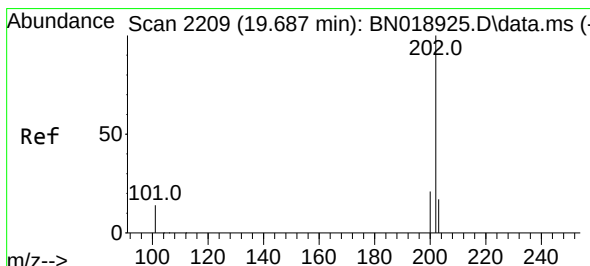
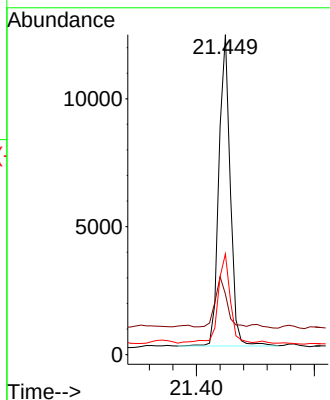
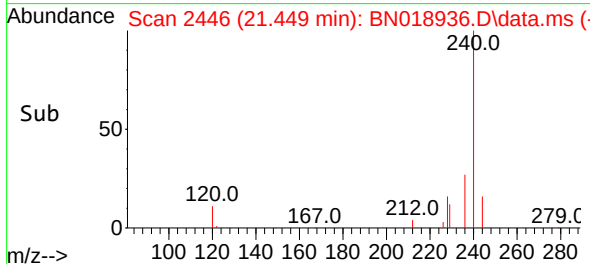
Instrument :
BNA_N
ClientSampleId :
TW-01



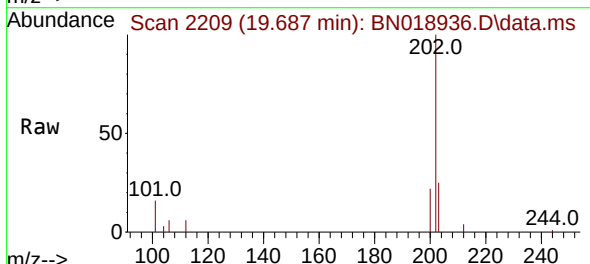
Tgt Ion:240 Resp: 16225
Ion Ratio Lower Upper
240 100
120 19.0 8.5 12.7
236 31.5 22.4 33.6

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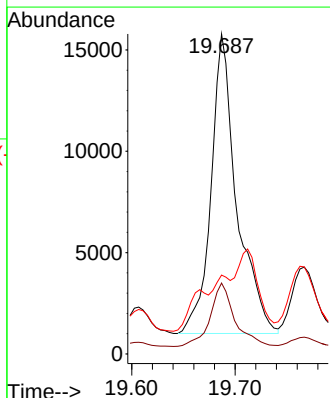
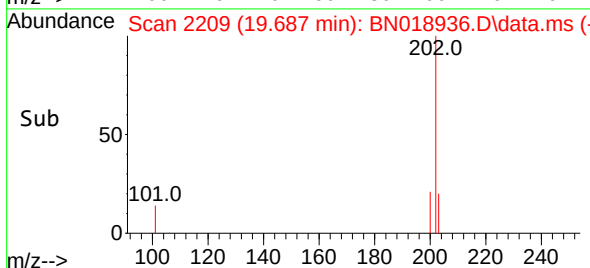
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

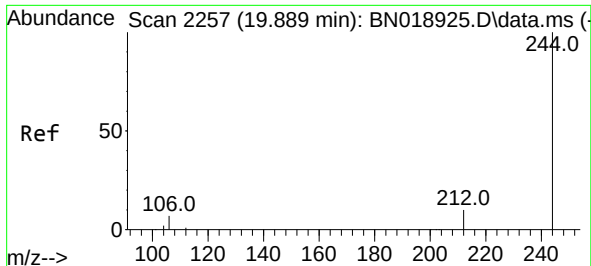


#30
Pyrene
Concen: 0.328 ng
RT: 19.687 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07



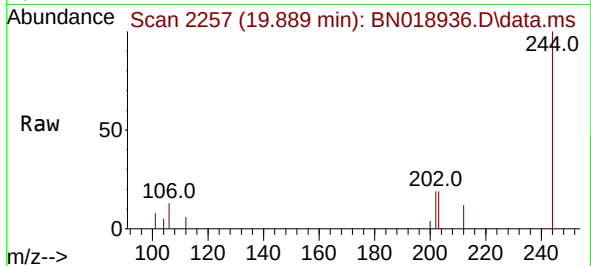
Tgt Ion:202 Resp: 25594
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 8.6 14.2 21.2





#31
Terphenyl-d14
Concen: 0.495 ng
RT: 19.889 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

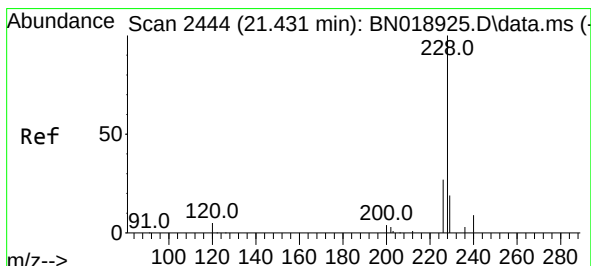
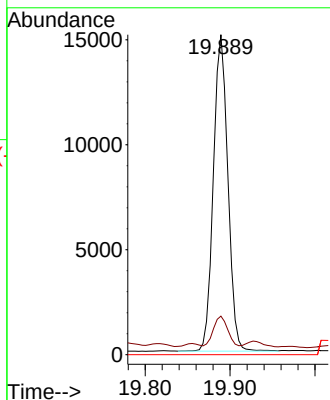
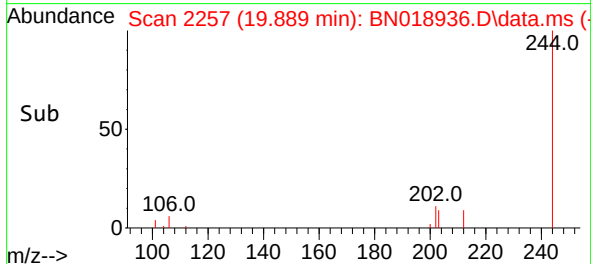
Instrument :
BNA_N
ClientSampleId :
TW-01



Tgt Ion:244 Resp: 1786
Ion Ratio Lower Upper
244 100
212 12.0 8.2 12.4
122 0.0 0.0 0.0

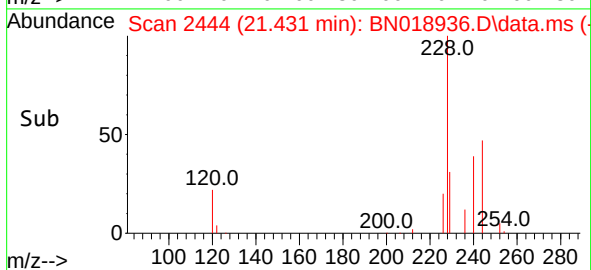
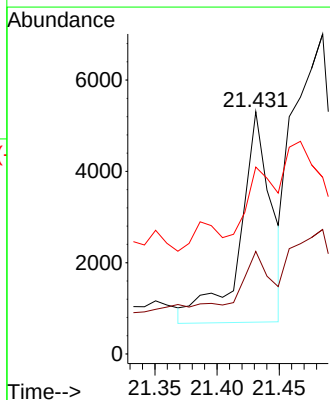
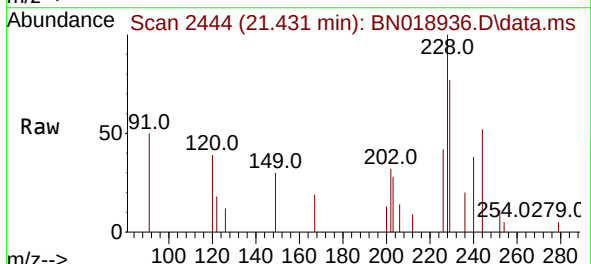
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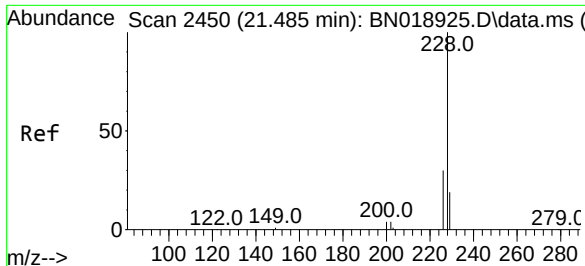
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022



#32
Benzo(a)anthracene
Concen: 0.126 ng
RT: 21.431 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

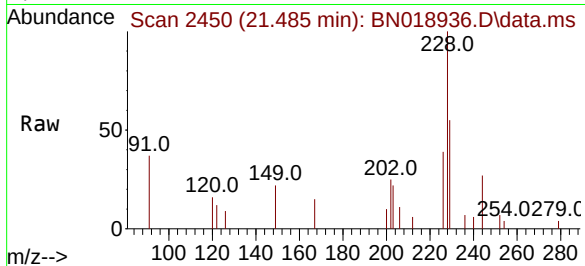
Tgt Ion:228 Resp: 8119
Ion Ratio Lower Upper
228 100
226 42.3 21.9 32.9#
229 77.2 16.0 24.0#





#33
Chrysene
Concen: 0.205 ng
RT: 21.485 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07

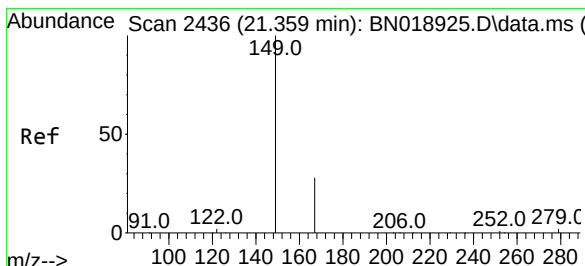
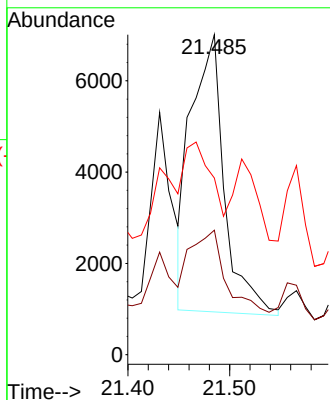
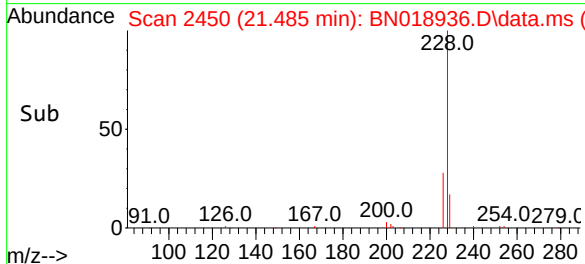
Instrument :
BNA_N
ClientSampleId :
TW-01



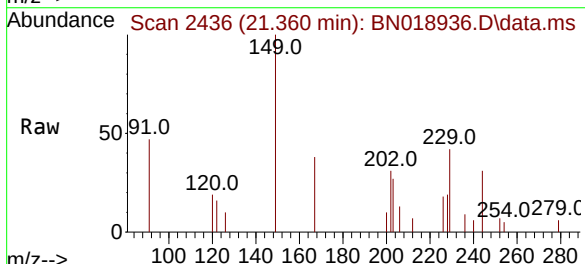
Tgt Ion:228 Resp: 13900
Ion Ratio Lower Upper
228 100
226 38.9 24.0 36.0
229 55.2 15.9 23.9

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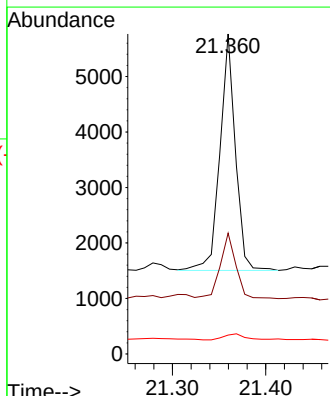
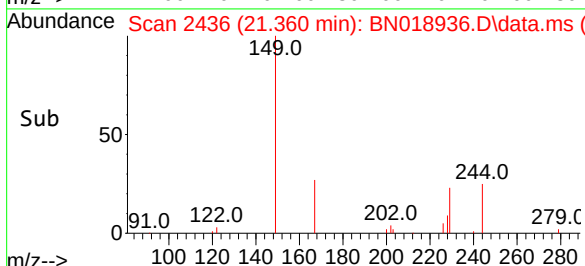
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

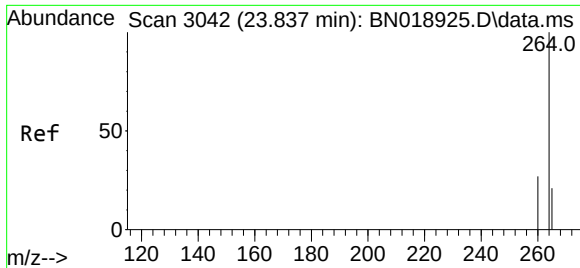


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.168 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN018936.D
Acq: 14 Mar 2022 15:07



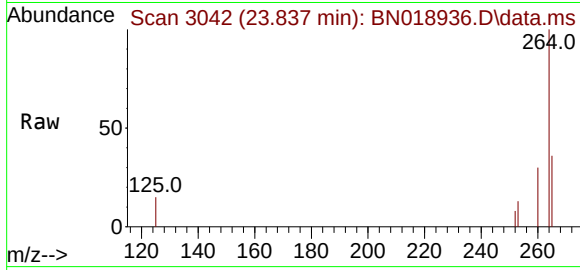
Tgt Ion:149 Resp: 4890
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 3.7 2.0 3.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.837 min Scan# 3042
 Delta R.T. 0.000 min
 Lab File: BN018936.D
 Acq: 14 Mar 2022 15:07

Instrument :
 BNA_N
 ClientSampleId :
 TW-01



Tgt Ion: 264 Resp: 1248

Ion	Ratio	Lower	Upper
264	100		
260	30.1	22.4	33.6
265	36.1	25.3	37.9

Manual Integrations
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Reviewed By : Christian Giraldo 03/15/2022
 Supervised By : Jagrut Upadhyay 03/15/2022

