

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
 Data File : BN019189.D
 Acq On : 26 Mar 2022 12:44
 Operator : CG/JU
 Sample : N2090-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-47

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 28 09:11:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4317	0.40	ng	0.00
7) Naphthalene-d8	10.648	136	12917	0.40	ng	# 0.00
13) Acenaphthene-d10	14.485	164	13574	0.40	ng	# 0.00
19) Phenanthrene-d10	17.226	188	16695	0.40	ng	# 0.00
29) Chrysene-d12	21.413	240	12918	0.40	ng	# 0.00
35) Perylene-d12	23.785	264	11572	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3020m	0.30	ng	0.00
5) Phenol-d6	7.009	99	1169	0.10	ng	0.00
8) Nitrobenzene-d5	8.993	82	3161	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.235	152	8486	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	1990	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14649	0.26	ng	0.00
27) Fluoranthene-d10	19.257	212	23636	0.48	ng	0.00
31) Terphenyl-d14	19.856	244	11129	0.39	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.701	128	2739	0.08	ng	# 1
16) Acenaphthylene	14.207	152	4594	0.07	ng	# 1
17) Acenaphthene	14.538	154	13451	0.31	ng	87
18) Fluorene	15.532	166	3977m	0.07	ng	
26) Anthracene	17.359	178	4698	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	3556	0.14	ng	# 31

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

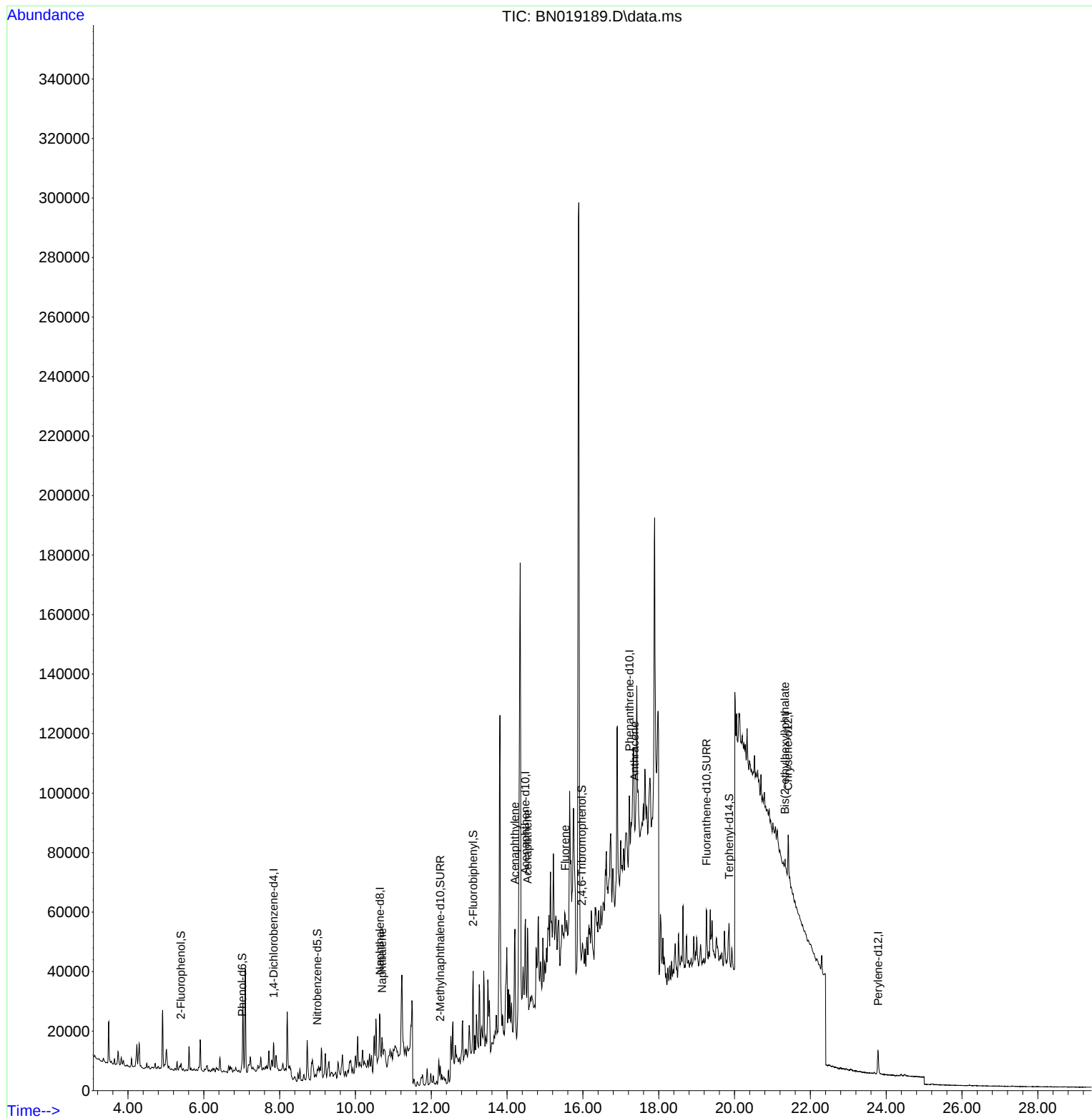
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019189.D
Acq On : 26 Mar 2022 12:44
Operator : CG/JU
Sample : N2090-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

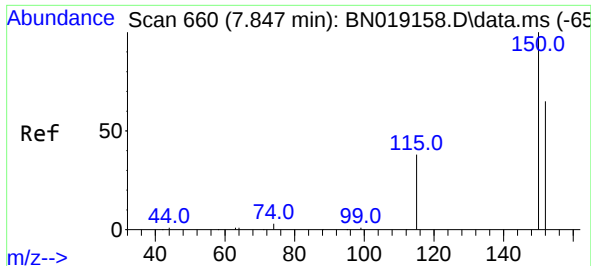
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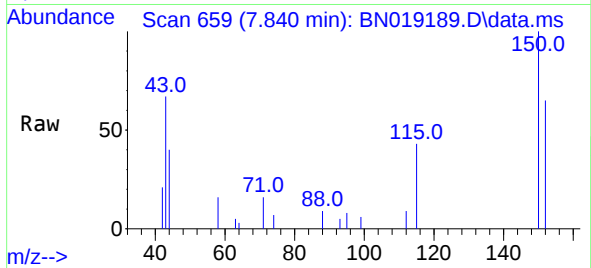
Quant Time: Mar 28 09:11:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

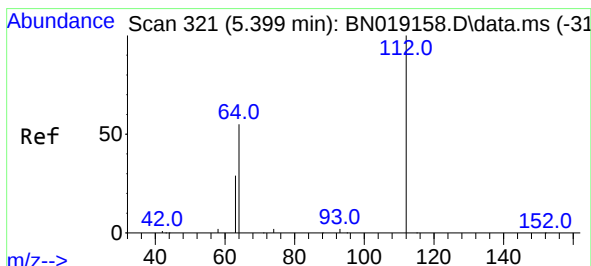
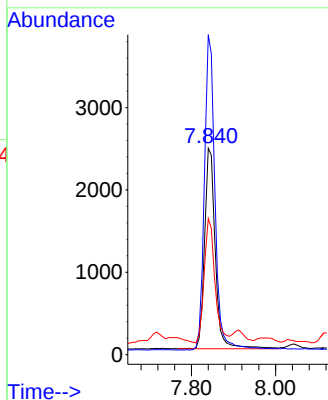
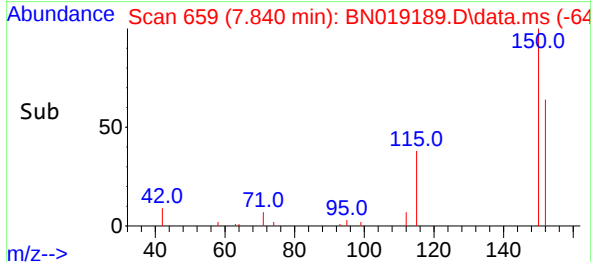
Instrument :
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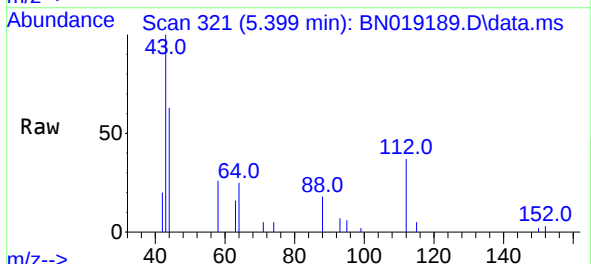
Tgt Ion:152 Resp: 431
Ion Ratio Lower Upper
152 100
150 155.0 123.9 185.9
115 65.9 48.2 72.4

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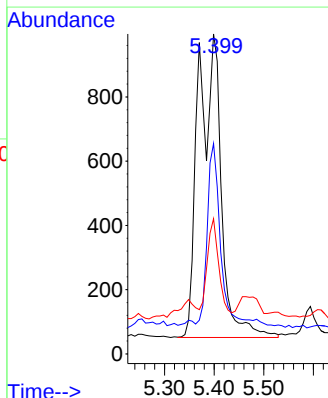
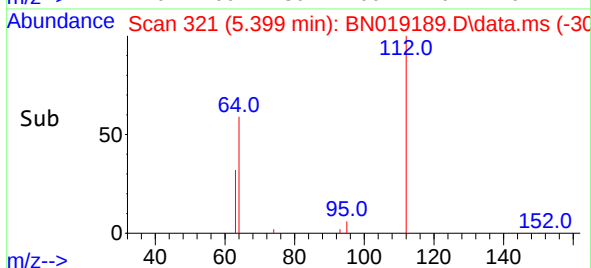
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

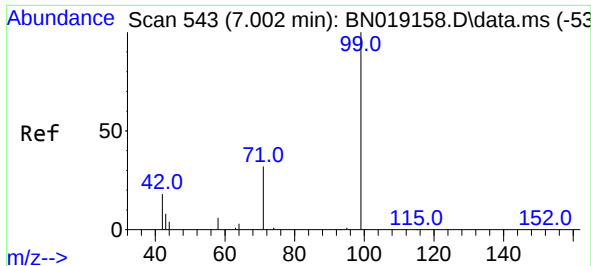


#4
2-Fluorophenol
Concen: 0.30 ng m
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44



Tgt Ion:112 Resp: 3020
Ion Ratio Lower Upper
112 100
64 34.4 47.8 71.8#
63 15.1 25.7 38.5#





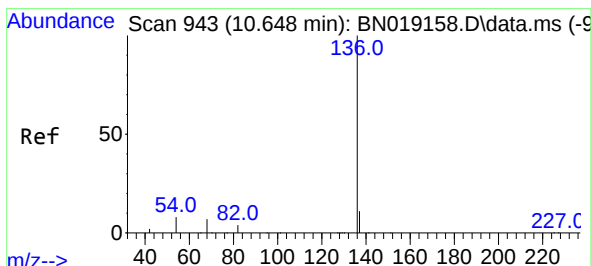
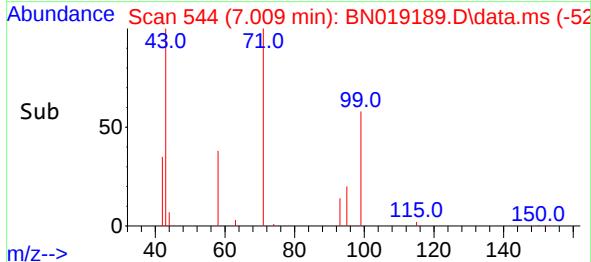
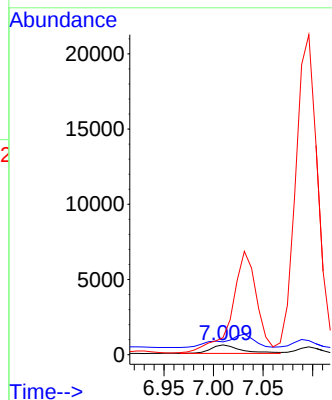
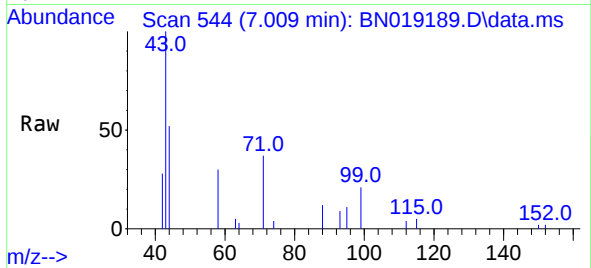
#5
Phenol-d6
Concen: 0.10 ng
RT: 7.009 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

Instrument :
BNA_N
ClientSampleId :
MW-47

Tgt Ion: 99 Resp: 1169
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#

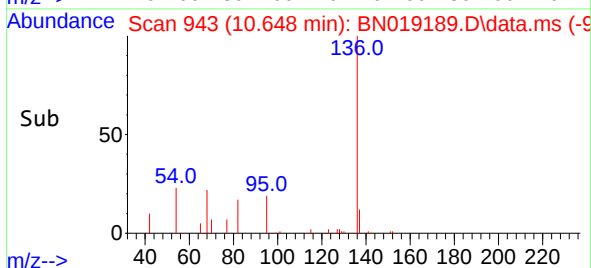
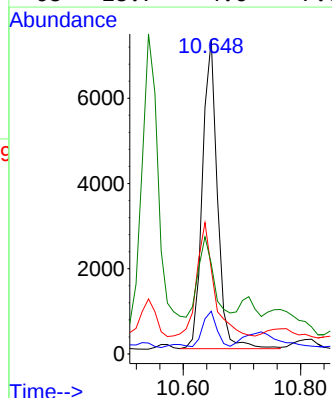
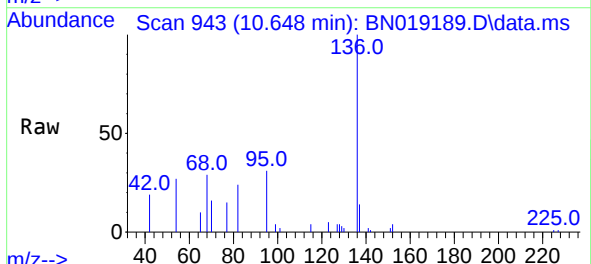
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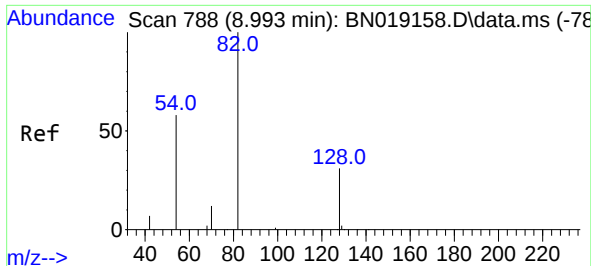
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

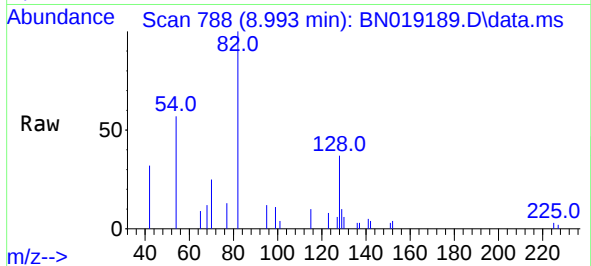
Tgt Ion:136 Resp: 12917
Ion Ratio Lower Upper
136 100
137 13.6 9.0 13.4#
54 27.0 5.8 8.6#
68 28.7 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

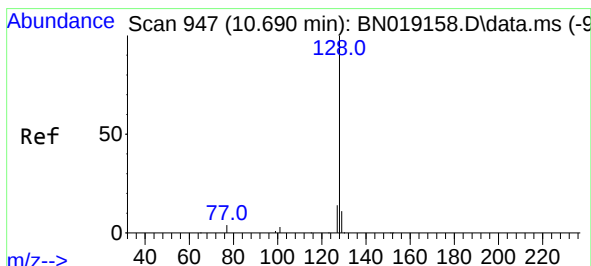
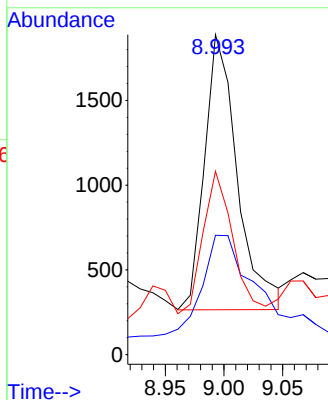
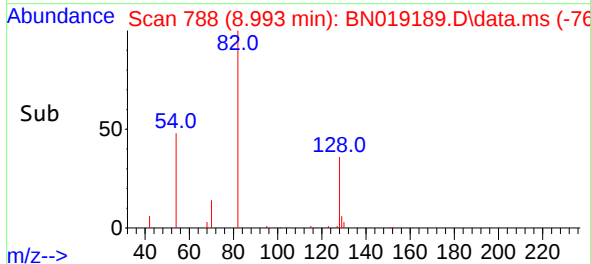
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 316
Ion Ratio Lower Upper
82 100
128 37.3 33.0 49.6
54 57.3 42.5 63.7

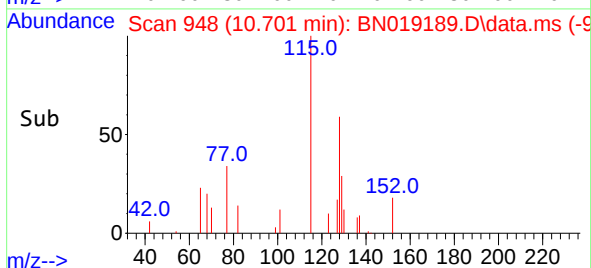
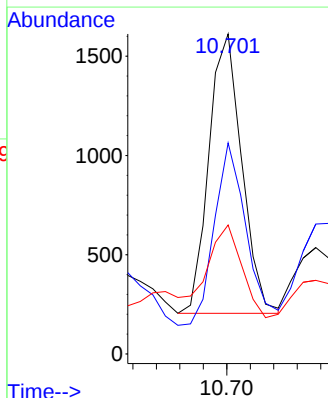
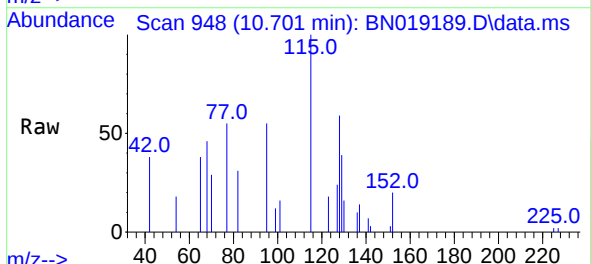
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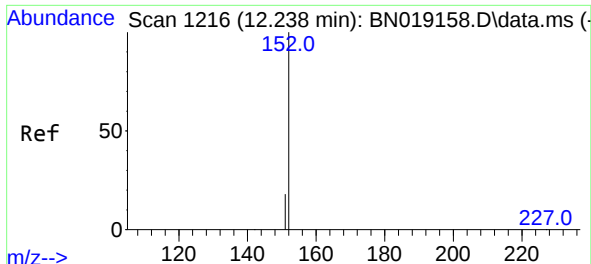
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#9
Naphthalene
Concen: 0.08 ng
RT: 10.701 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

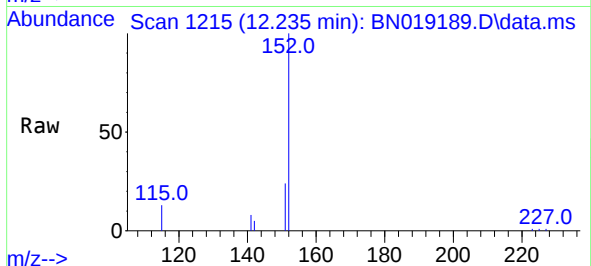
Tgt Ion:128 Resp: 2739
Ion Ratio Lower Upper
128 100
129 65.9 9.0 13.4#
127 40.3 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.235 min Scan# 1216
Delta R.T. -0.004 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

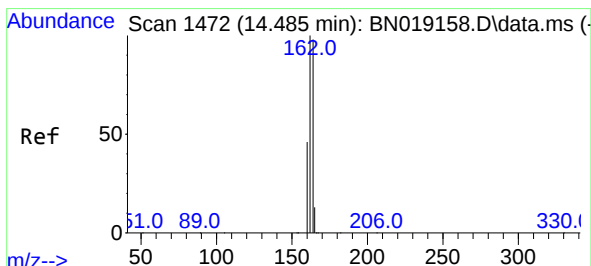
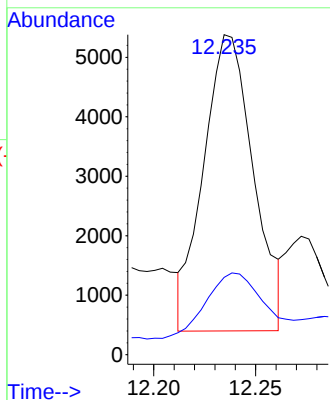
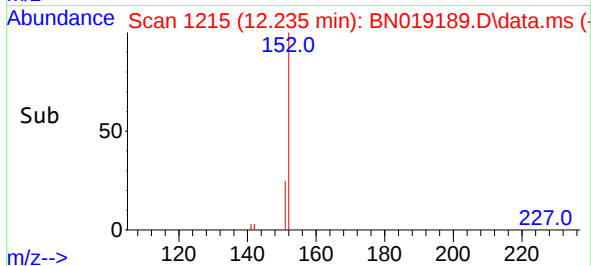
Instrument :
BNA_N
ClientSampleId :
MW-47



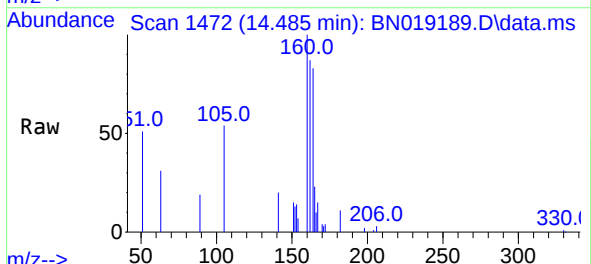
Tgt Ion:152 Resp: 8480
Ion Ratio Lower Upper
152 100
151 26.5 16.5 24.75

Manual Integrations
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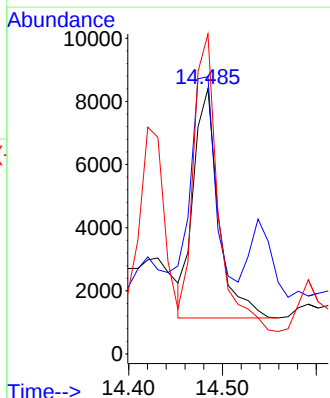
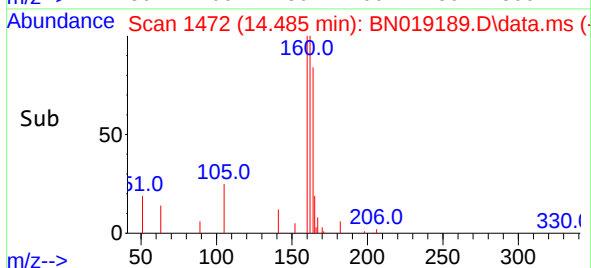
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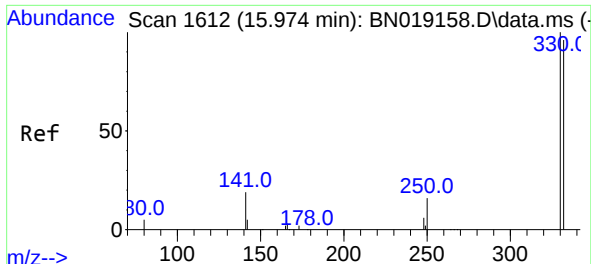


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.485 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44



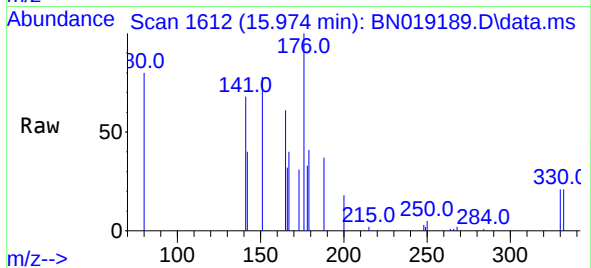
Tgt Ion:164 Resp: 13574
Ion Ratio Lower Upper
164 100
162 104.5 85.2 127.8
160 120.6 41.5 62.3#





#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

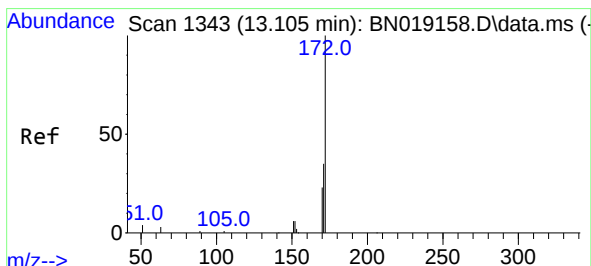
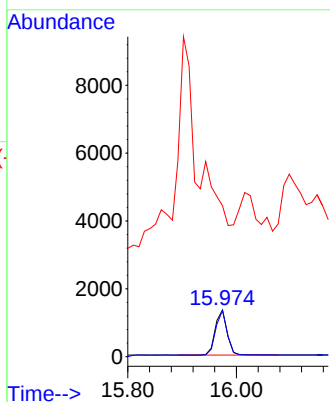
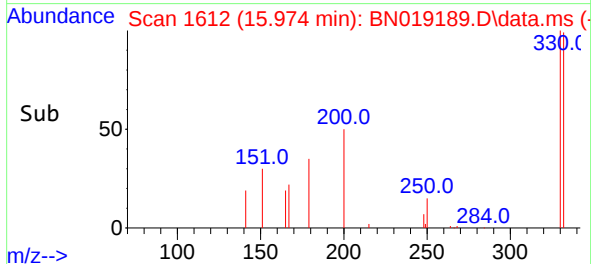
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MW-47



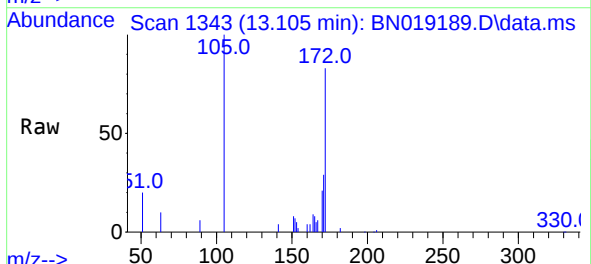
Tgt Ion:330 Resp: 1990
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 0.0 32.2 48.2

Manual Integrations
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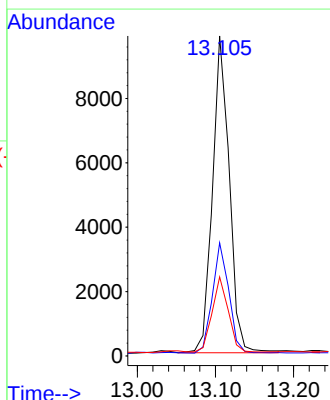
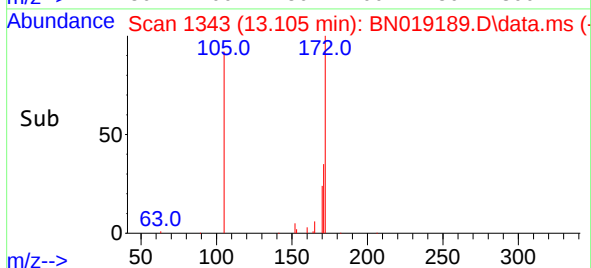
Reviewed By :Christian Giraldo 03/28/2022
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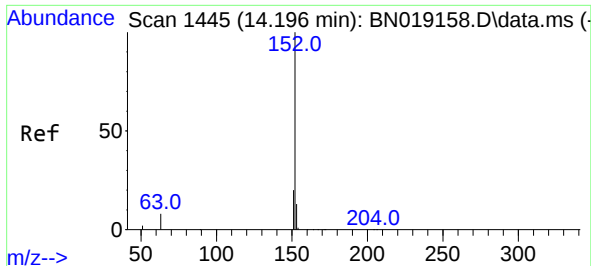


#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44



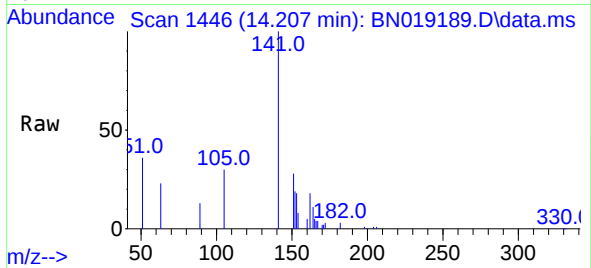
Tgt Ion:172 Resp: 14649
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.7 18.7 28.1





#16
Acenaphthylene
Concen: 0.07 ng
RT: 14.207 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

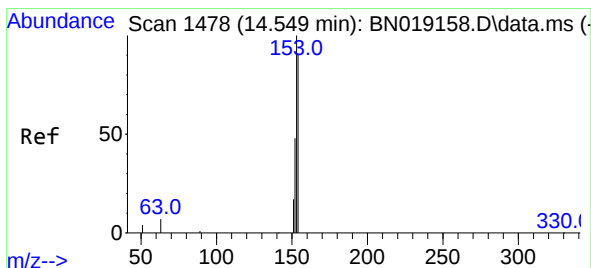
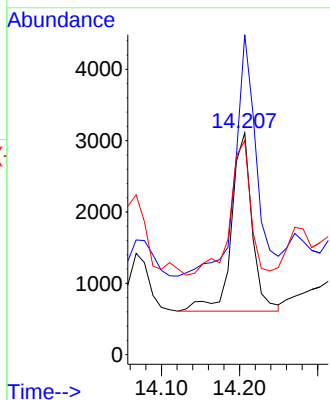
Instrument :
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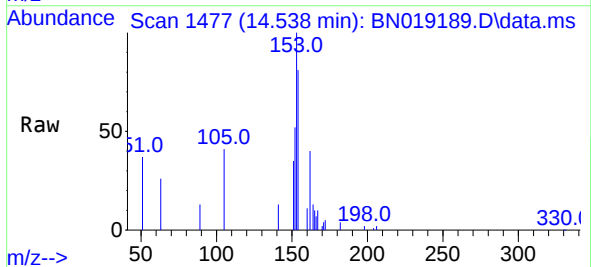
Tgt Ion:152 Resp: 4594
Ion Ratio Lower Upper
152 100
151 138.2 15.9 23.9
153 75.6 10.6 15.8

Manual Integrations
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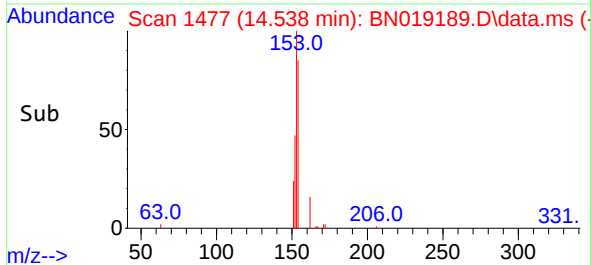
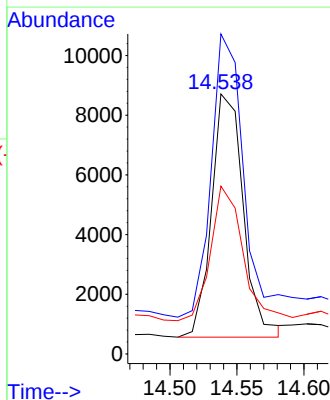
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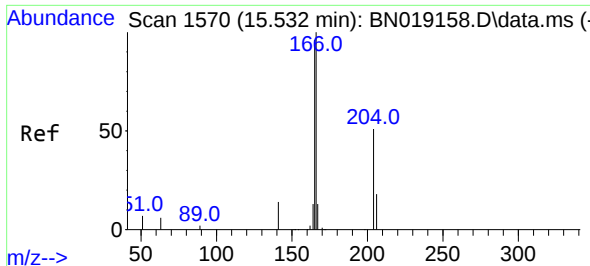


#17
Acenaphthene
Concen: 0.31 ng
RT: 14.538 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44



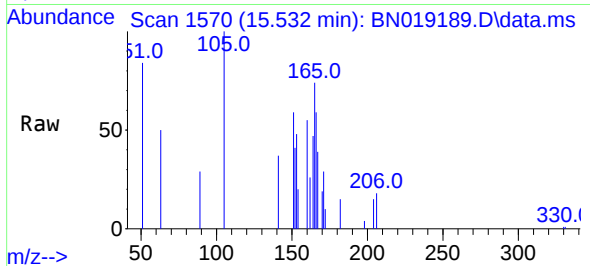
Tgt Ion:154 Resp: 13451
Ion Ratio Lower Upper
154 100
153 133.1 89.7 134.5
152 56.2 44.7 67.1





#18
Fluorene
Concen: 0.07 ng m
RT: 15.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

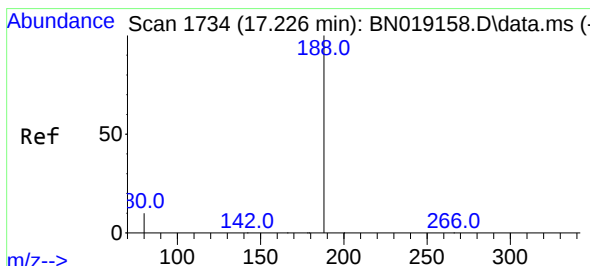
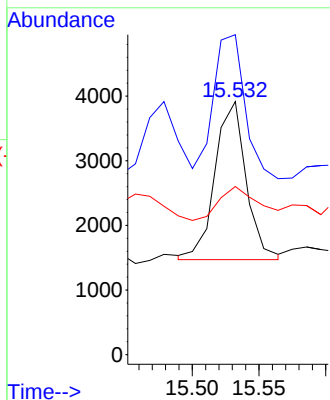
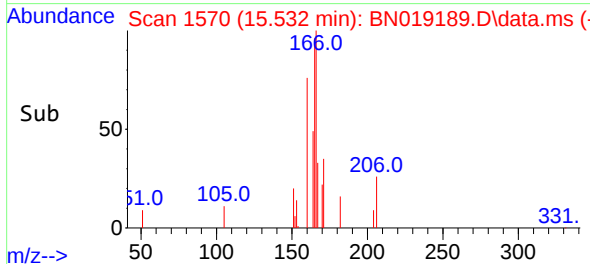
Instrument :
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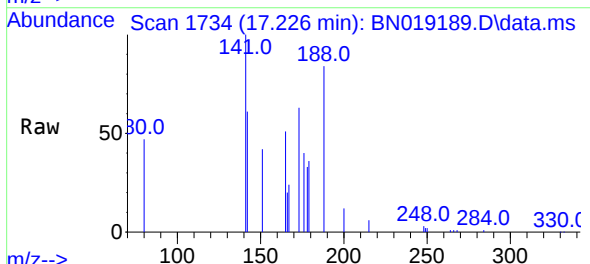
Tgt Ion:166 Resp: 397
Ion Ratio Lower Upper
166 100
165 91.7 79.2 118.8
167 27.1 10.7 16.1

Manual Integrations
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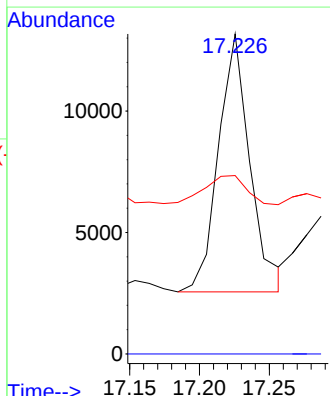
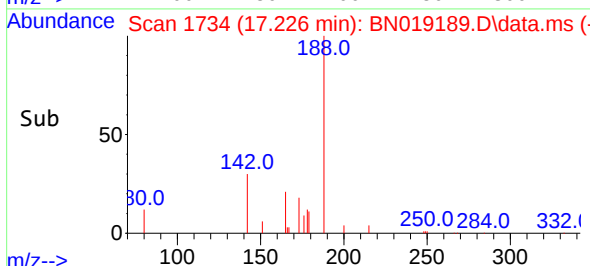
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Supervised By :Jagrut Upadhyay 03/29/2022

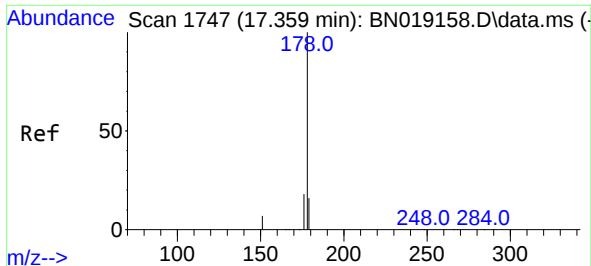


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44



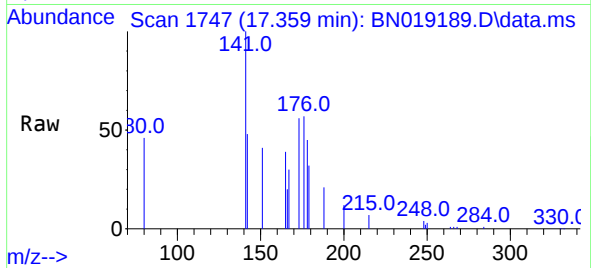
Tgt Ion:188 Resp: 16695
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 55.8 11.8 17.8





#26
 Anthracene
 Concen: 0.11 ng
 RT: 17.359 min Scan# 1747
 Delta R.T. -0.000 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44

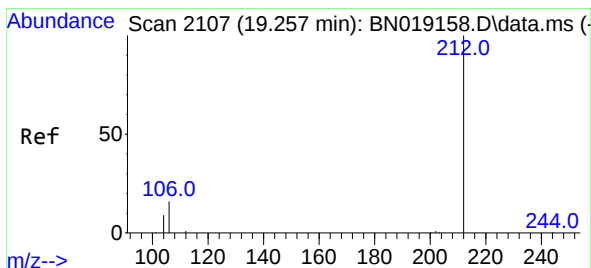
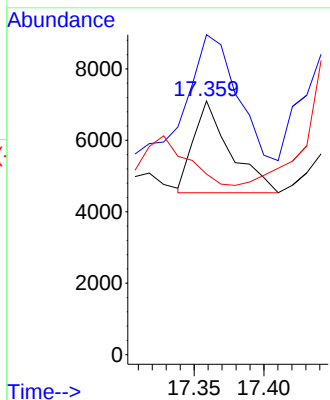
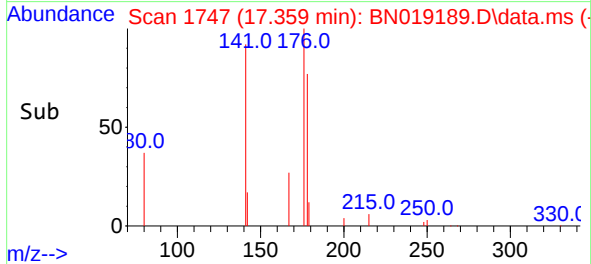
Instrument :
 BNA_N
 ClientSampleId :
 MW-47



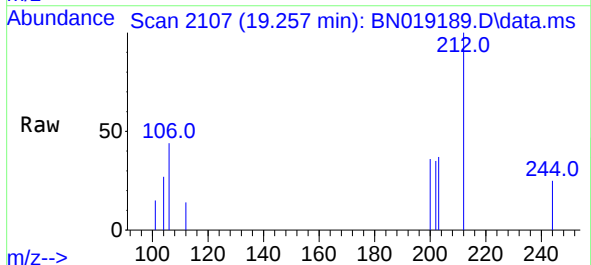
Tgt Ion:178 Resp: 4698
 Ion Ratio Lower Upper
 178 100
 176 212.2 14.8 22.2
 179 0.0 12.2 18.4

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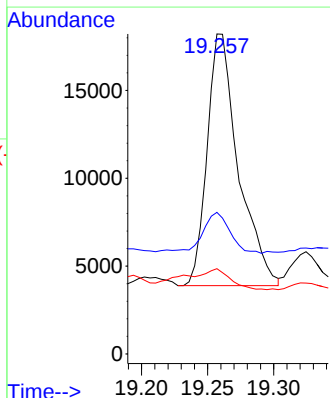
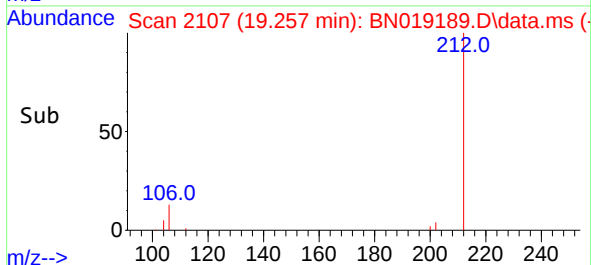
Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/29/2022

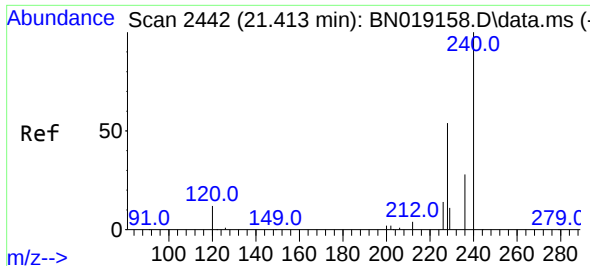


#27
 Fluoranthene-d10
 Concen: 0.48 ng
 RT: 19.257 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN019189.D
 Acq: 26 Mar 2022 12:44



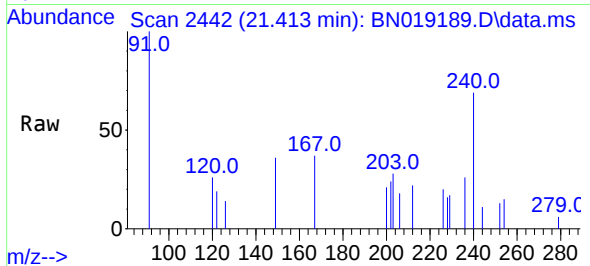
Tgt Ion:212 Resp: 23636
 Ion Ratio Lower Upper
 212 100
 106 14.5 12.7 19.1
 104 7.3 7.1 10.7





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

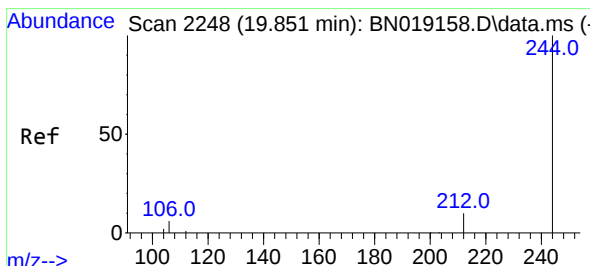
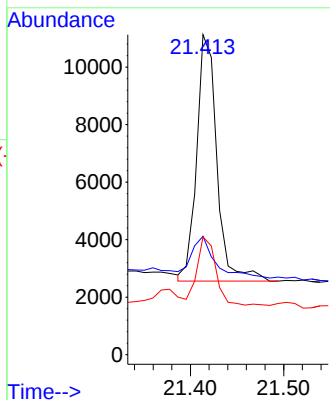
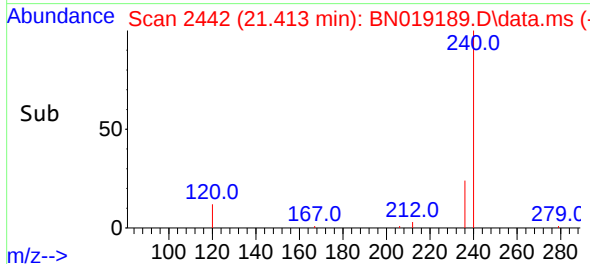
Instrument :
BNA_N
ClientSampleId :
MW-47



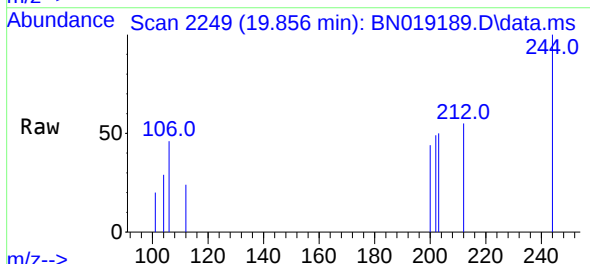
Tgt Ion:240 Resp: 12918
Ion Ratio Lower Upper
240 100
120 37.0 8.5 12.7
236 36.8 22.4 33.6

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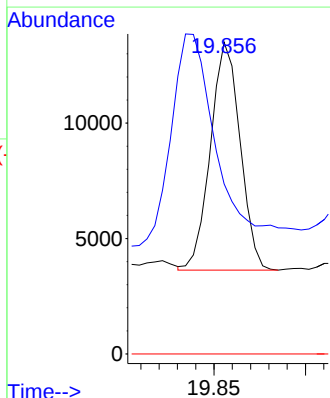
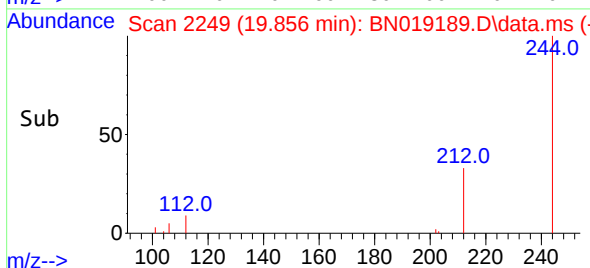
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

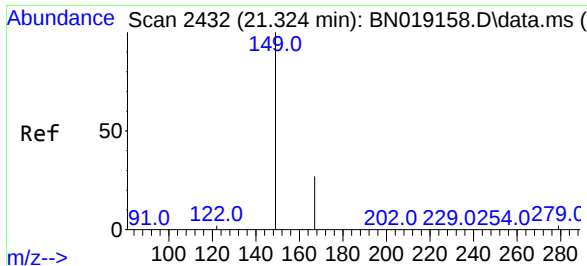


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.856 min Scan# 2249
Delta R.T. 0.004 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44



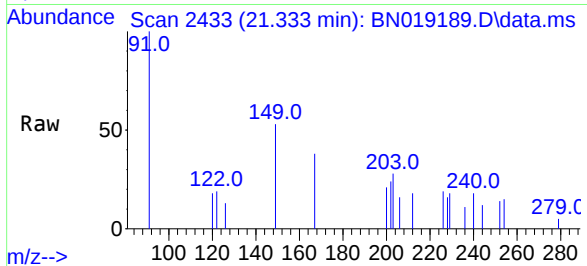
Tgt Ion:244 Resp: 11129
Ion Ratio Lower Upper
244 100
212 54.6 8.2 12.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.333 min Scan# 2432
Delta R.T. 0.009 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44

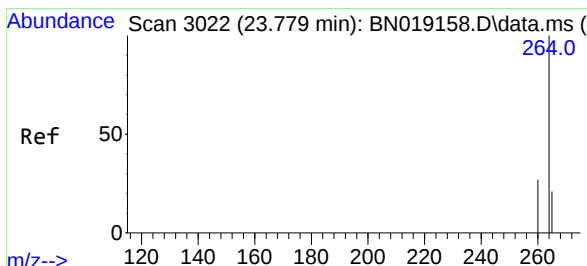
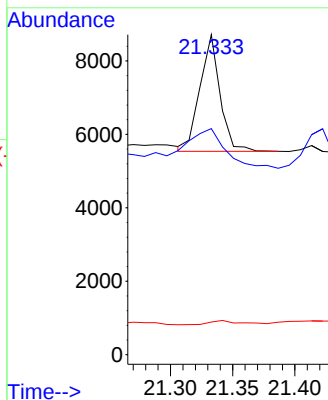
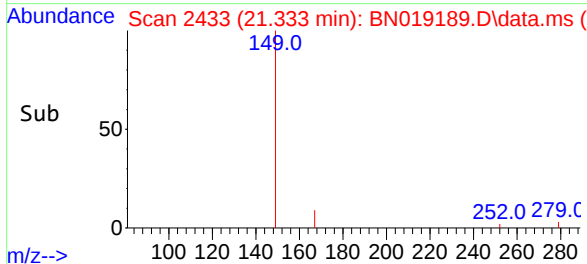
Instrument :
BNA_N
ClientSampleId :
MW-47



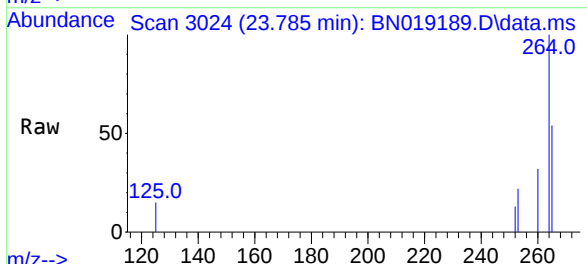
Tgt Ion:149 Resp: 3550
Ion Ratio Lower Upper
149 100
167 66.0 21.8 32.8
279 6.0 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.785 min Scan# 3024
Delta R.T. 0.006 min
Lab File: BN019189.D
Acq: 26 Mar 2022 12:44



Tgt Ion:264 Resp: 11572
Ion Ratio Lower Upper
264 100
260 31.8 22.4 33.6
265 53.9 25.3 37.9

