

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018285.D
 Acq On : 30 Dec 2021 06:50
 Operator : CG/JU
 Sample : M5212-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-50

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 31 05:01:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32274	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	129215	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	105280	0.400	ng	# 0.00
19) Phenanthrene-d10	17.005	188	168633	0.400	ng	0.00
29) Chrysene-d12	21.195	240	163838	0.400	ng	0.00
35) Perylene-d12	23.419	264	142565	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	11823	0.183	ng	0.02
5) Phenol-d6	6.840	99	4568	0.073	ng	0.00
8) Nitrobenzene-d5	8.784	82	30024m	0.450	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	61141	0.281	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	18122	0.627	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	103328	0.259	ng	-0.01
27) Fluoranthene-d10	19.038	212	179134	0.334	ng	0.00
31) Terphenyl-d14	19.644	244	178409	0.429	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.470	128	110269	0.345	ng	# 27
12) 2-Methylnaphthalene	12.083	142	43603	0.213	ng	# 89
17) Acenaphthene	14.332	154	323384	1.189	ng	98
18) Fluorene	15.309	166	132268	0.413	ng	# 94
25) Phenanthrene	17.042	178	56115	0.126	ng	# 86
26) Anthracene	17.139	178	226667	0.594	ng	# 93
28) Fluoranthene	19.068	202	636434	1.222	ng	99
30) Pyrene	19.430	202	408424	0.636	ng	# 93
32) Benzo(a)anthracene	21.174	228	27648m	0.108	ng	
34) Bis(2-ethylhexyl)phtha...	21.121	149	22075	0.108	ng	# 99

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

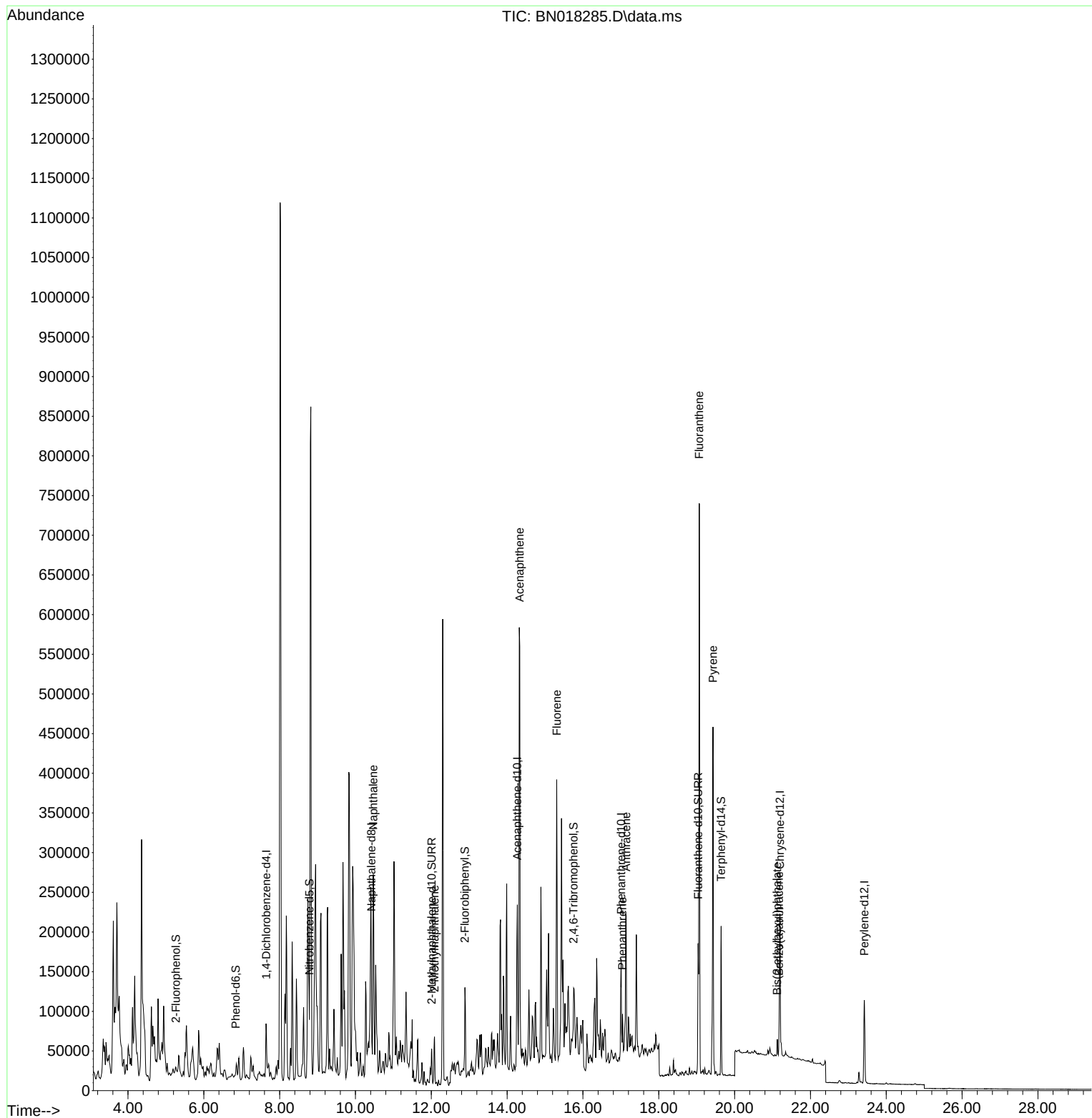
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018285.D
 Acq On : 30 Dec 2021 06:50
 Operator : CG/JU
 Sample : M5212-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

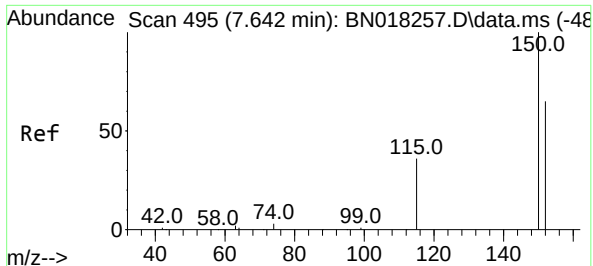
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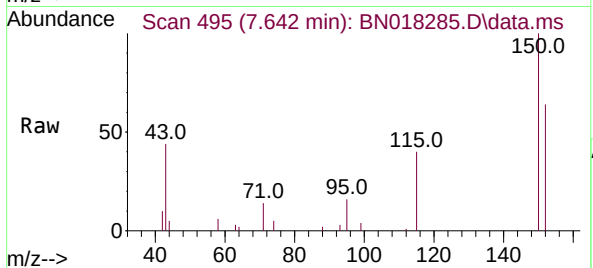
Quant Time: Dec 31 05:01:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

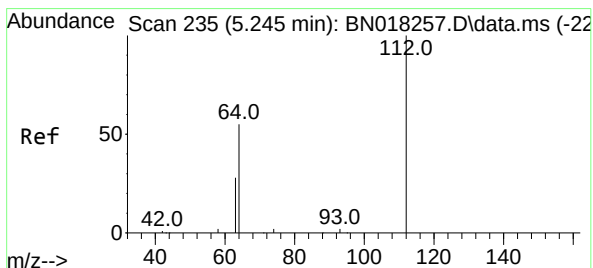
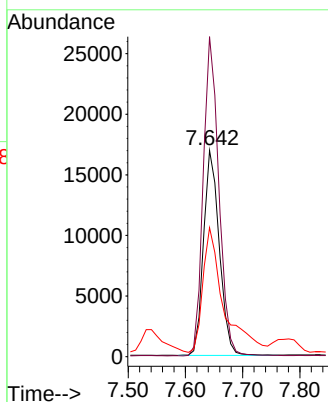
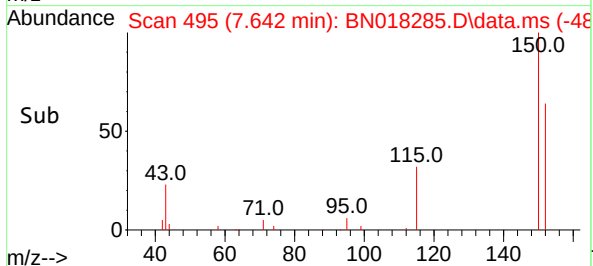
Instrument :
BNA_N
ClientSampleId :
MW-50



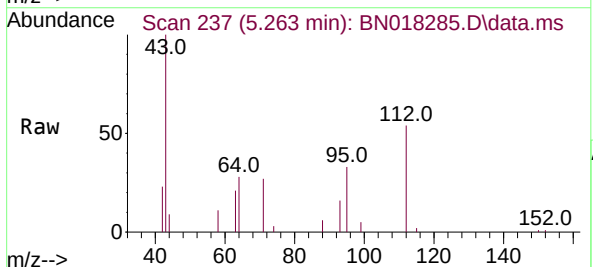
Tgt Ion:152 Resp: 32274
Ion Ratio Lower Upper
152 100
150 155.1 121.7 182.5
115 62.5 43.8 65.8

Manual Integrations
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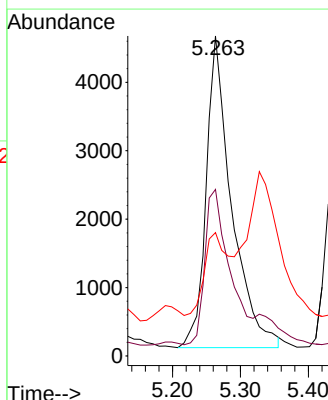
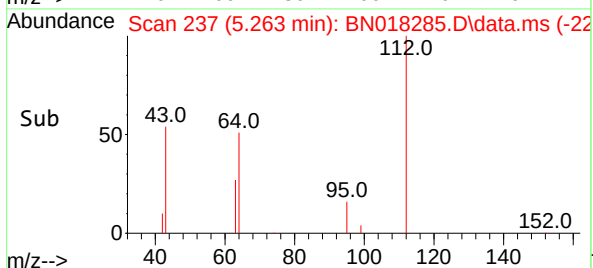
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

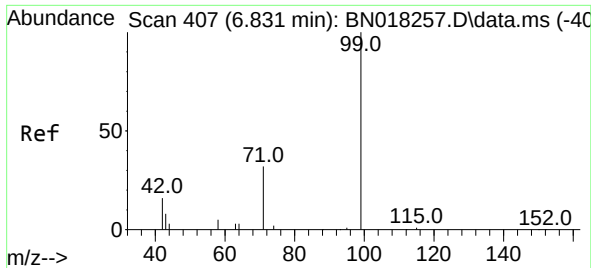


#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50



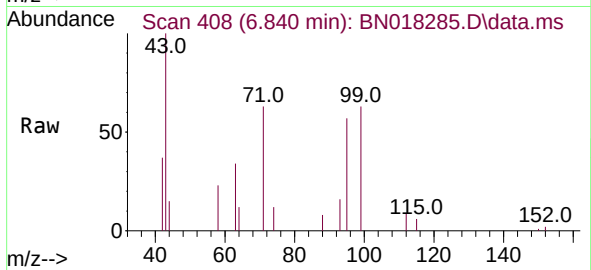
Tgt Ion:112 Resp: 11823
Ion Ratio Lower Upper
112 100
64 49.3 48.0 72.0
63 26.6 25.3 37.9





#5
Phenol-d6
Concen: 0.073 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

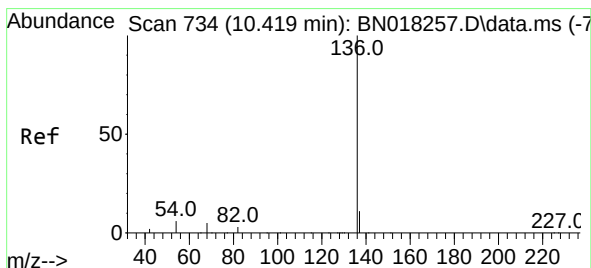
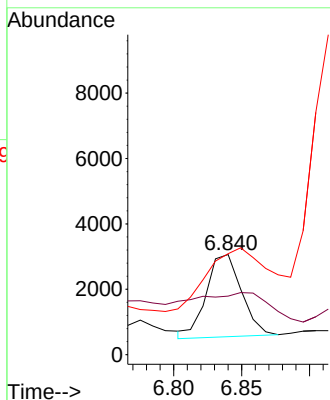
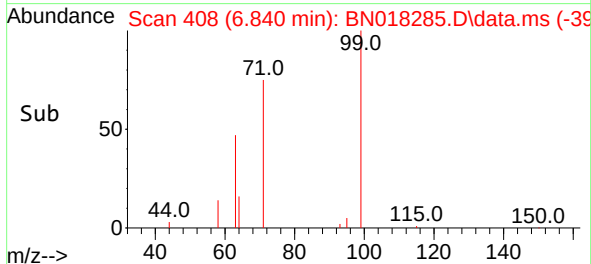
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion: 99 Resp: 4568
Ion Ratio Lower Upper
99 100
42 78.5 16.3 24.5
71 144.2 26.8 40.2

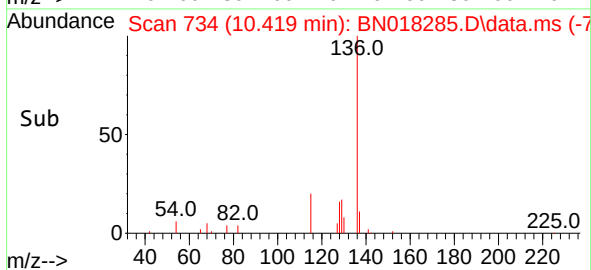
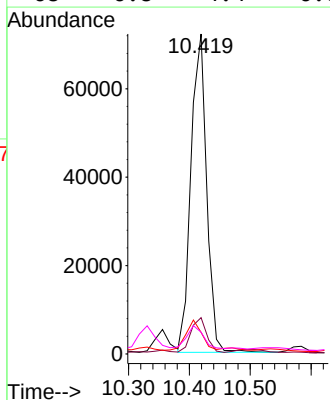
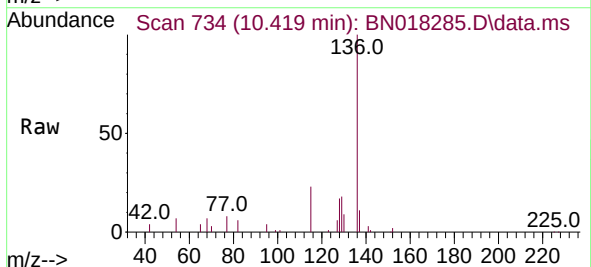
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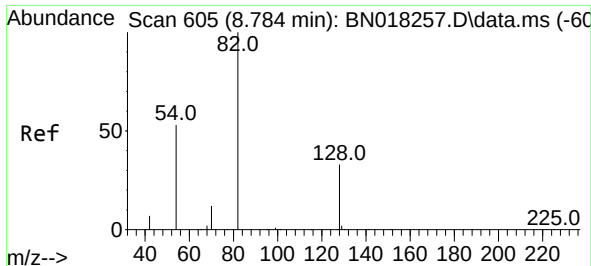
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

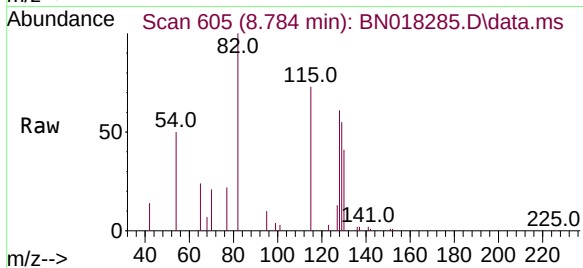
Tgt Ion:136 Resp: 129215
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.8 5.0 7.6
68 6.8 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.450 ng m
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

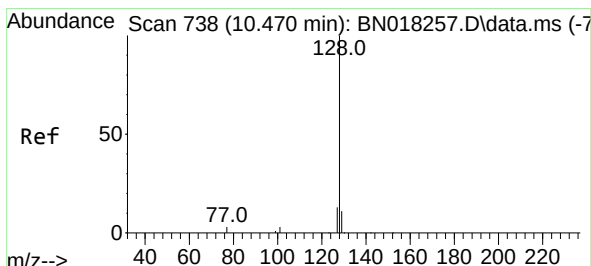
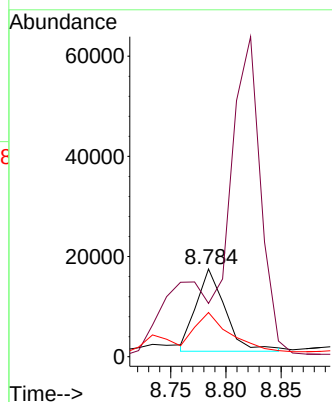
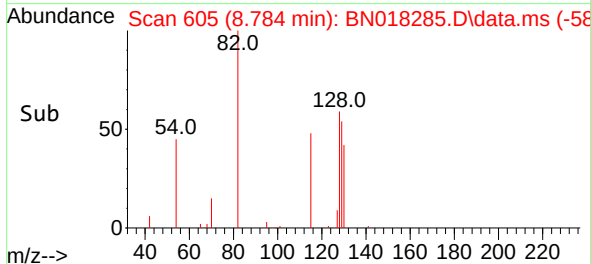
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion: 82 Resp: 30024
Ion Ratio Lower Upper
82 100
128 60.9 33.7 50.5
54 50.4 36.6 55.0

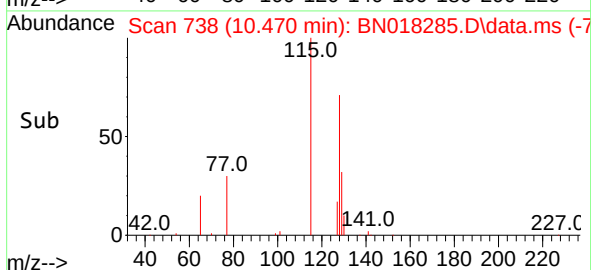
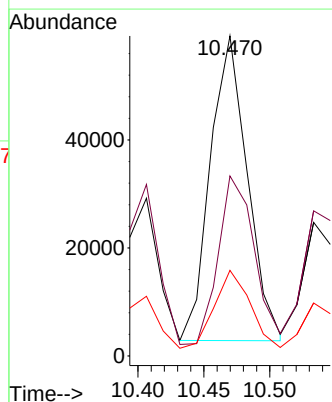
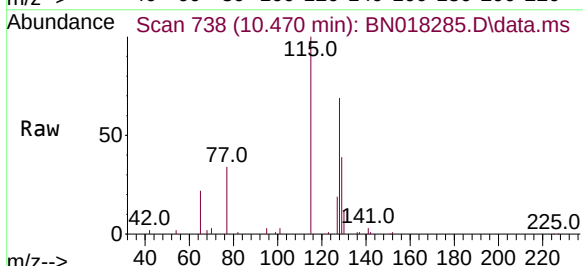
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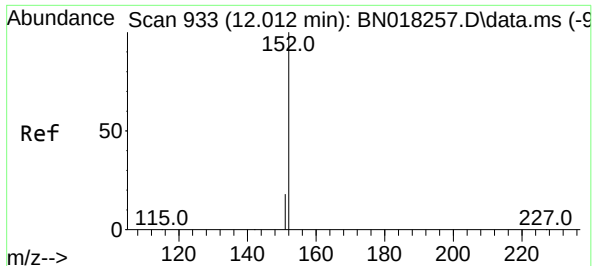
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#9
Naphthalene
Concen: 0.345 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

Tgt Ion:128 Resp: 110269
Ion Ratio Lower Upper
128 100
129 56.2 8.7 13.1#
127 26.8 10.4 15.6#





#11

2-Methylnaphthalene-d10

Concen: 0.281 ng

RT: 12.007 min Scan# 911

Delta R.T. -0.005 min

Lab File: BN018285.D

Acq: 30 Dec 2021 06:50

Instrument :

BNA_N

ClientSampleId :

MW-50

Tgt Ion:152 Resp: 6114

Ion Ratio Lower Upper

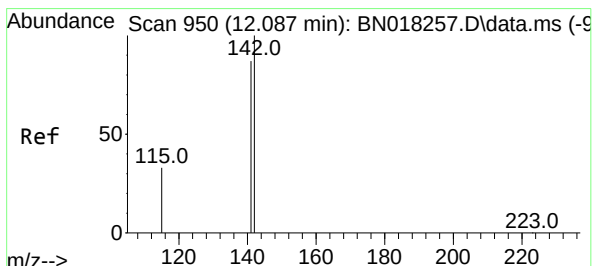
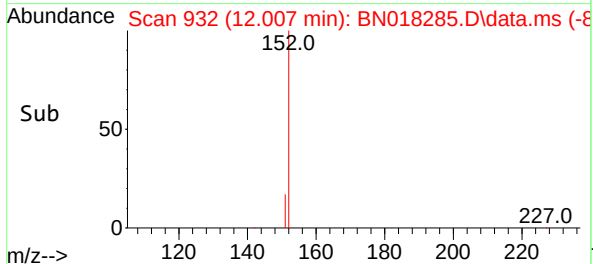
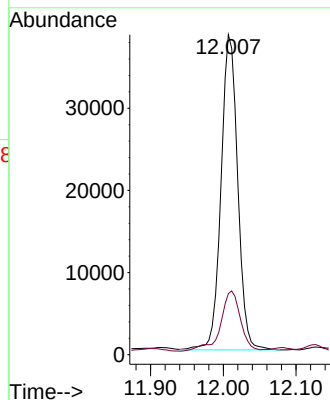
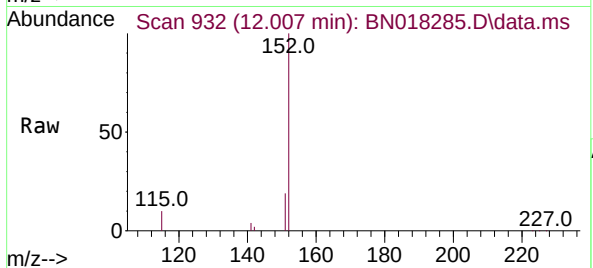
152 100

151 23.2 16.2 24.2

Manual Integrations

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Supervised By :mohammad ahmed 12/31/2021



#12

2-Methylnaphthalene

Concen: 0.213 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.005 min

Lab File: BN018285.D

Acq: 30 Dec 2021 06:50

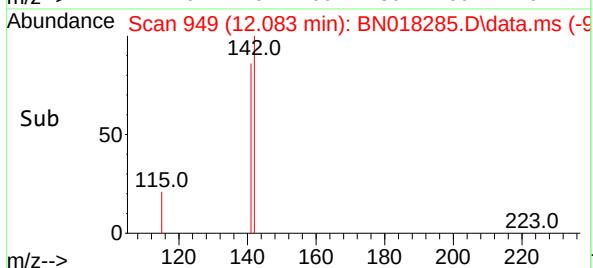
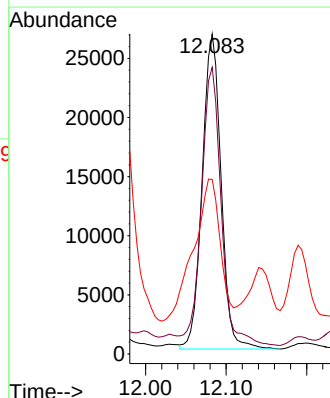
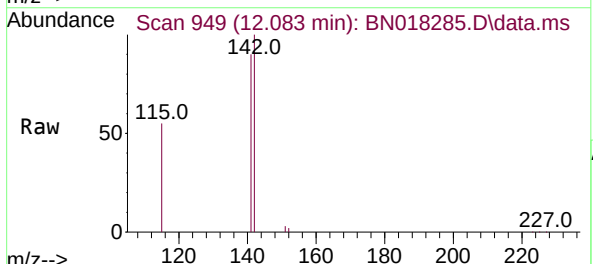
Tgt Ion:142 Resp: 43603

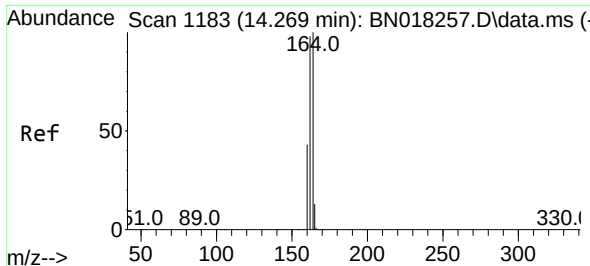
Ion Ratio Lower Upper

142 100

141 89.6 70.0 105.0

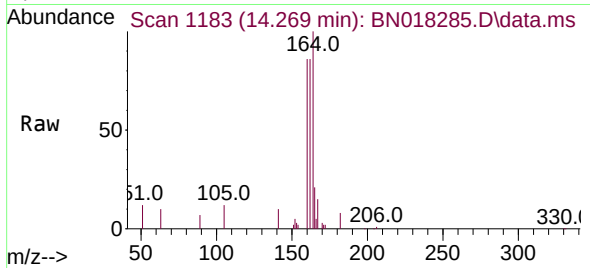
115 54.5 27.8 41.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

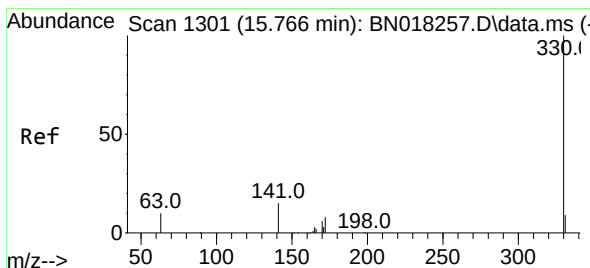
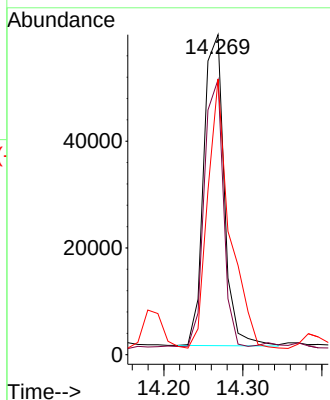
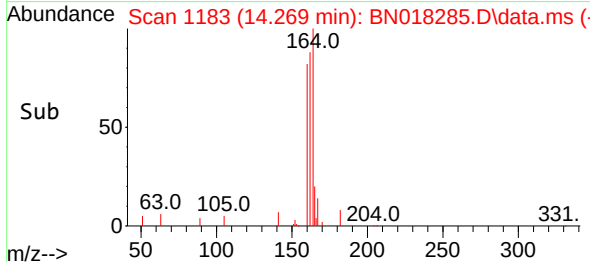
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion:164 Resp: 105280
Ion Ratio Lower Upper
164 100
162 86.0 80.2 120.2
160 86.1 36.9 55.3

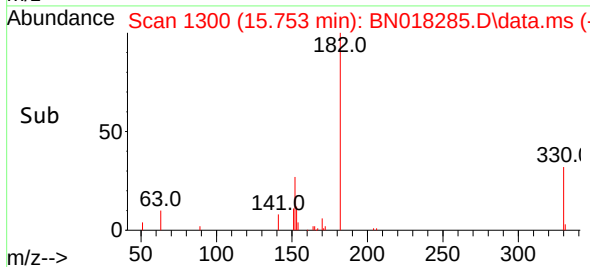
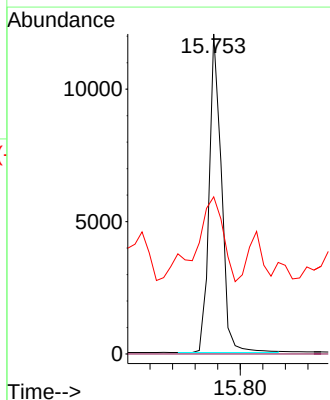
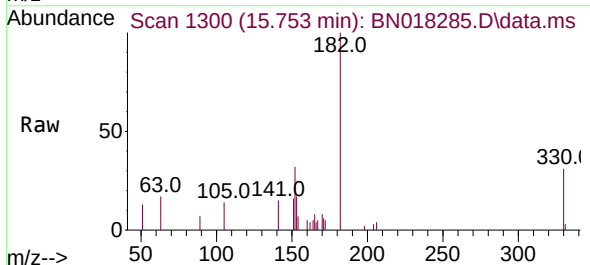
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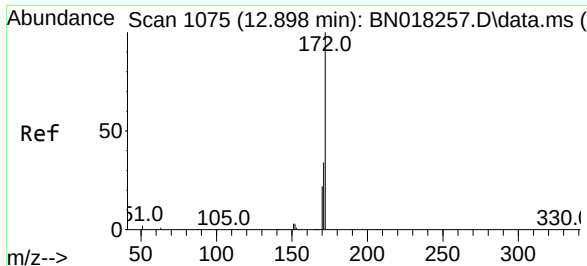
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#14
2,4,6-Tribromophenol
Concen: 0.627 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

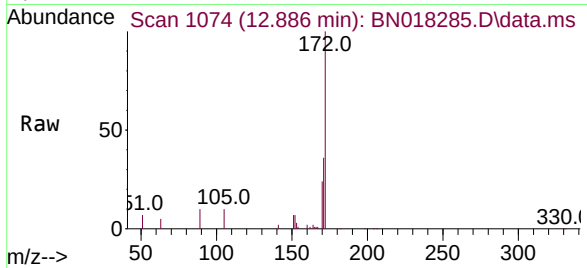
Tgt Ion:330 Resp: 18122
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.3 21.3 31.9





#15
2-Fluorobiphenyl
Concen: 0.259 ng
RT: 12.886 min Scan# 1075
Delta R.T. -0.013 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

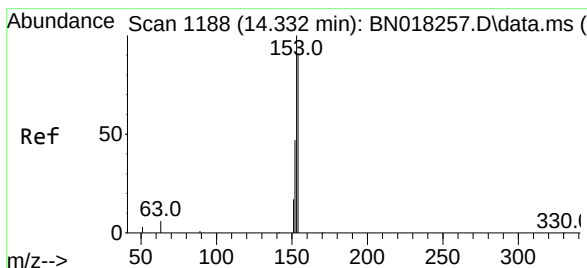
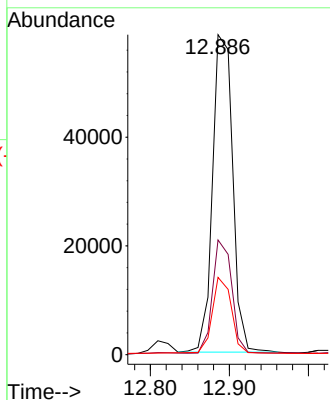
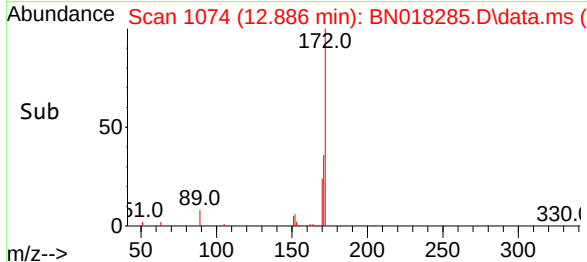
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion:172 Resp: 103328
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.2 18.4 27.6

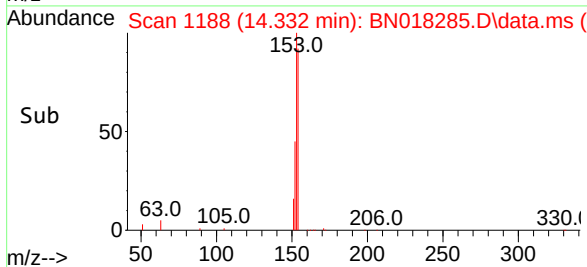
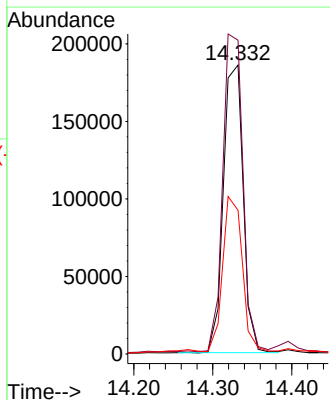
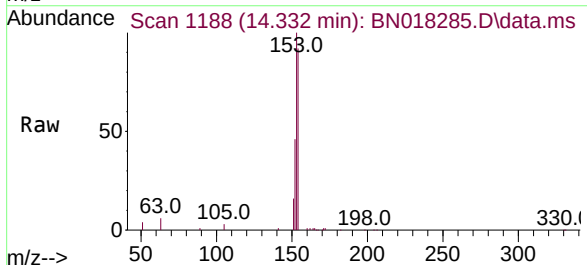
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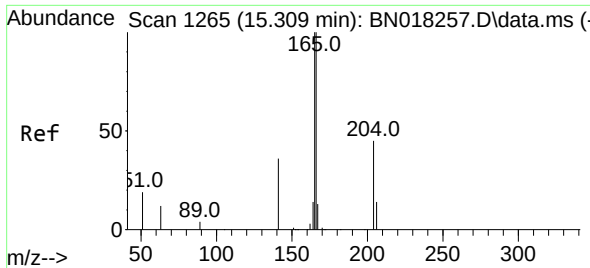
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#17
Acenaphthene
Concen: 1.189 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

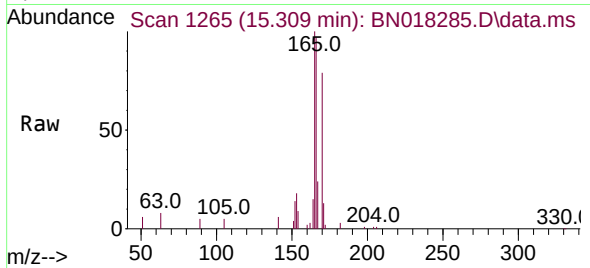
Tgt Ion:154 Resp: 323384
Ion Ratio Lower Upper
154 100
153 112.2 90.9 136.3
152 52.9 45.0 67.4





#18
Fluorene
Concen: 0.413 ng
RT: 15.309 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

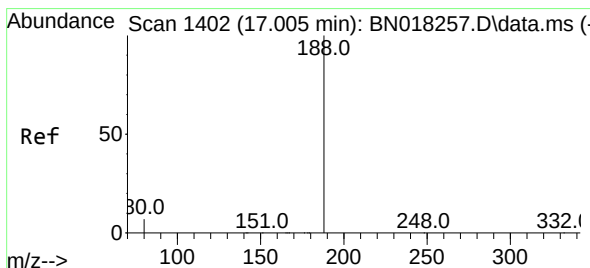
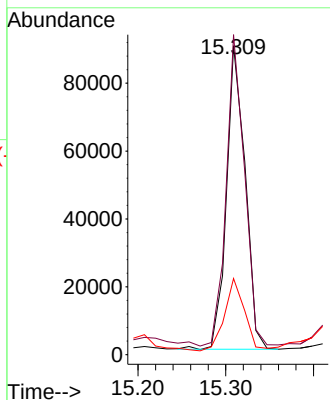
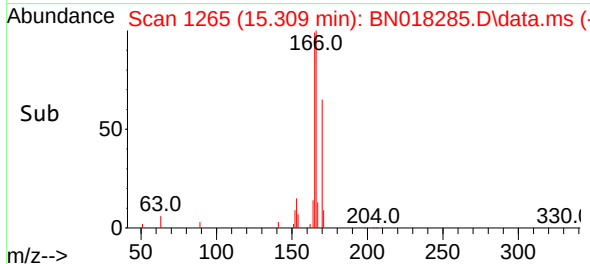
Instrument :
BNA_N
ClientSampleId :
MW-50



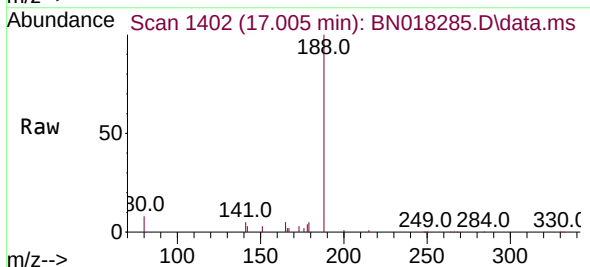
Tgt Ion:166 Resp: 132268
Ion Ratio Lower Upper
166 100
165 100.1 77.8 116.6
167 25.4 10.9 16.3

Manual Integrations
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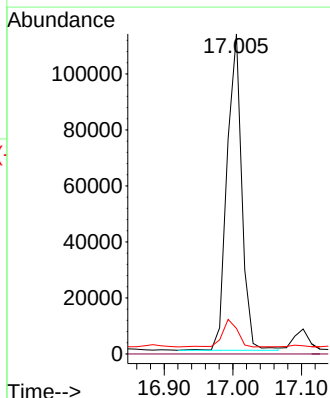
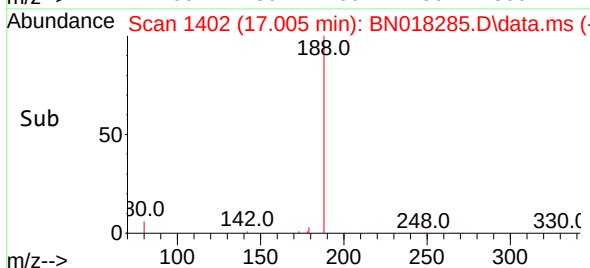
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Supervised By :mohammad ahmed 12/31/2021

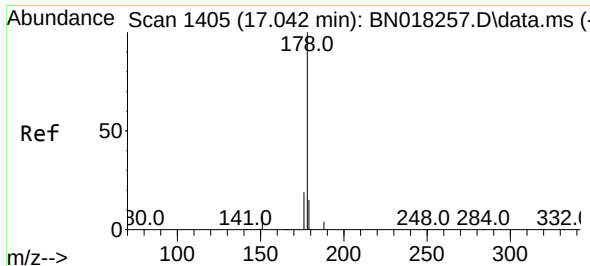


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50



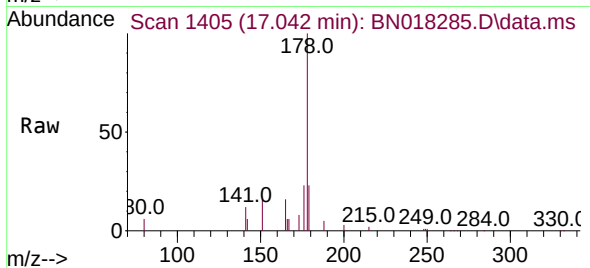
Tgt Ion:188 Resp: 168633
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.4





#25
Phenanthrene
Concen: 0.126 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

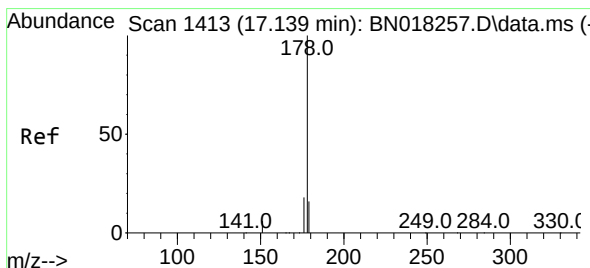
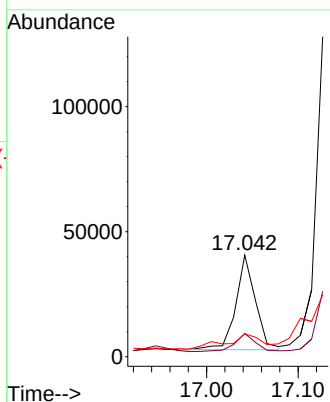
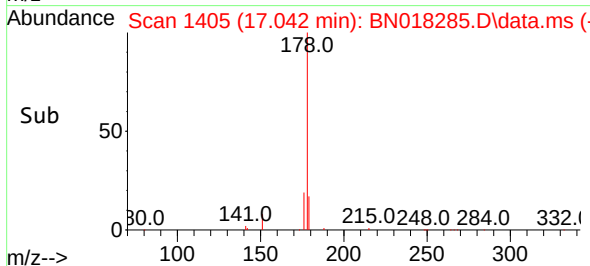
Instrument :
BNA_N
ClientSampleId :
MW-50



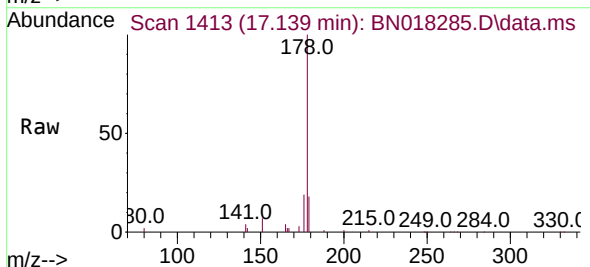
Tgt Ion:178 Resp: 5611
Ion Ratio Lower Upper
178 100
176 20.0 15.3 22.9
179 27.0 12.3 18.5

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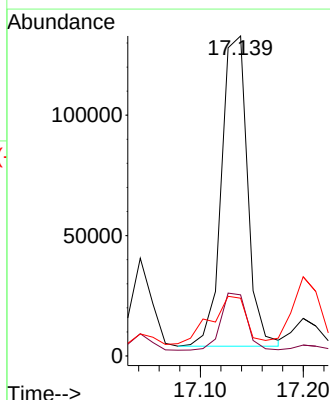
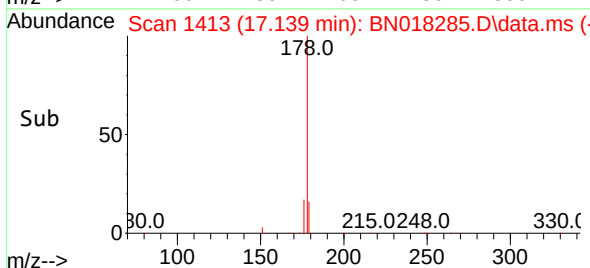
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

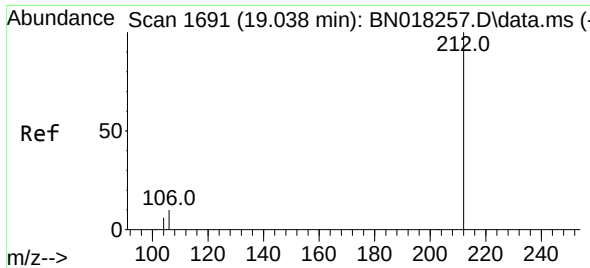


#26
Anthracene
Concen: 0.594 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50



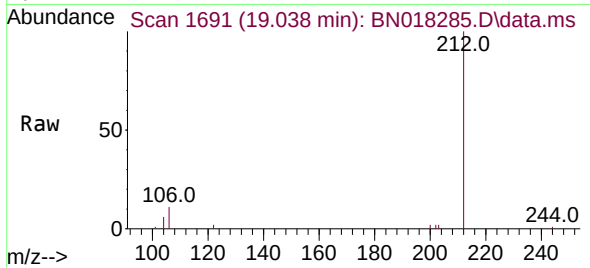
Tgt Ion:178 Resp: 226667
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 21.4 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

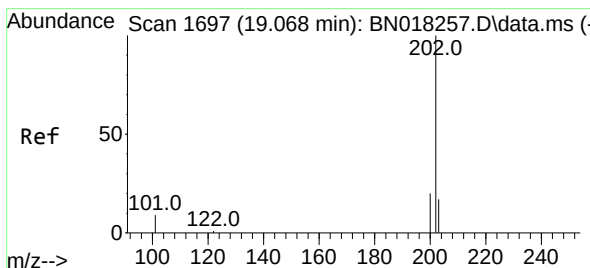
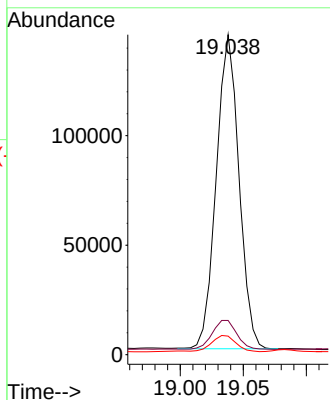
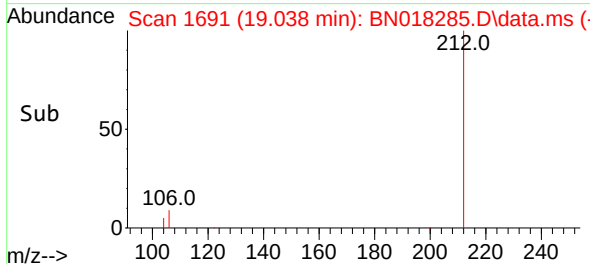
Instrument :
BNA_N
ClientSampleId :
MW-50



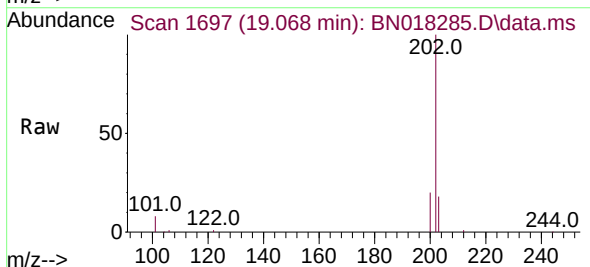
Tgt Ion:212 Resp: 179134
Ion Ratio Lower Upper
212 100
106 10.0 8.4 12.6
104 5.7 4.5 6.7

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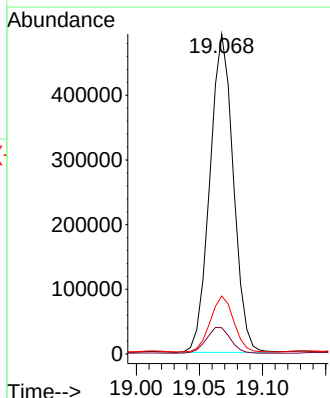
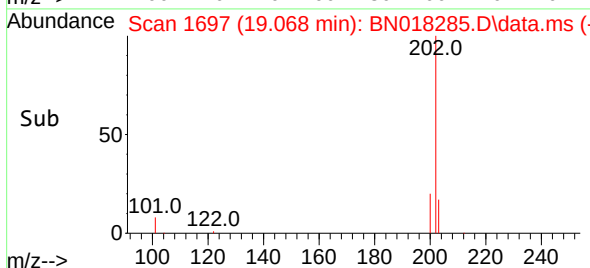
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

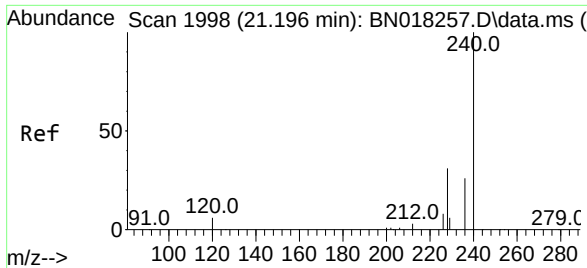


#28
Fluoranthene
Concen: 1.222 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50



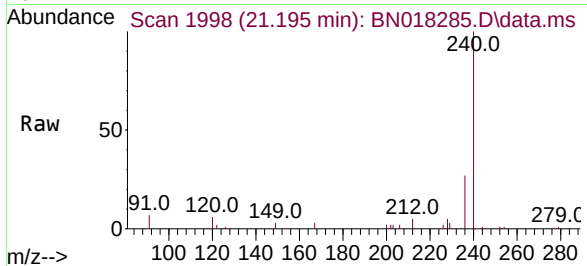
Tgt Ion:202 Resp: 636434
Ion Ratio Lower Upper
202 100
101 8.3 7.2 10.8
203 17.4 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

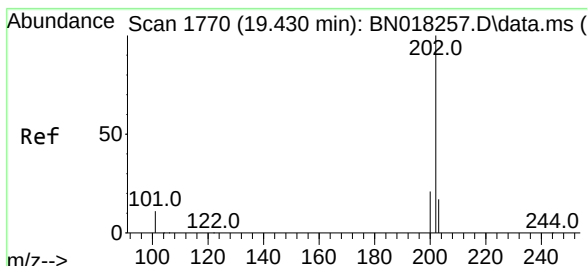
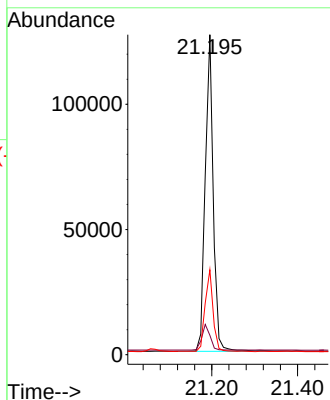
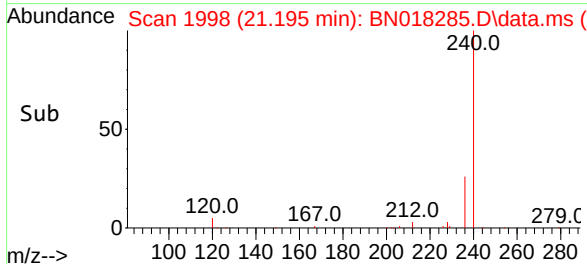
Instrument :
BNA_N
ClientSampleId :
MW-50



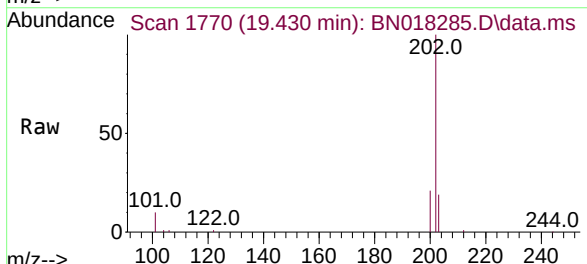
Tgt Ion:240 Resp: 163838
Ion Ratio Lower Upper
240 100
120 6.0 6.0 9.0
236 26.5 21.4 32.2

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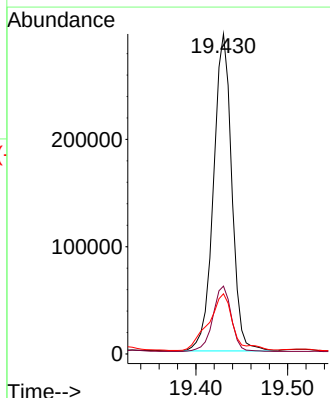
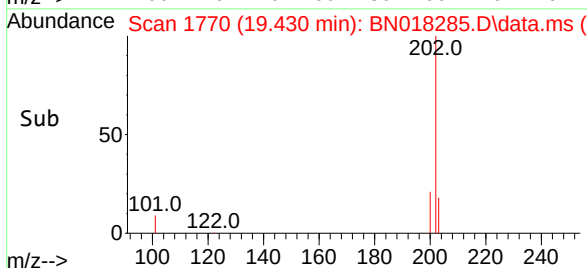
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

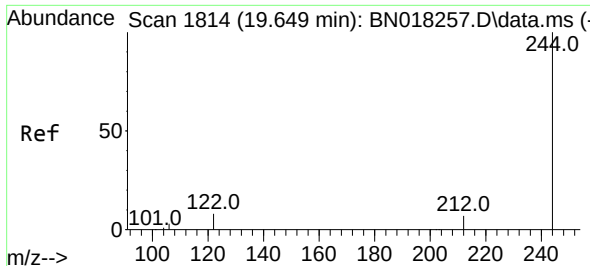


#30
Pyrene
Concen: 0.636 ng
RT: 19.430 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50



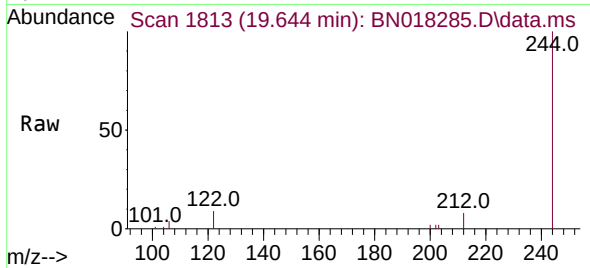
Tgt Ion:202 Resp: 408424
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 23.9 14.1 21.1#





#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.644 min Scan# 1814
Delta R.T. -0.005 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

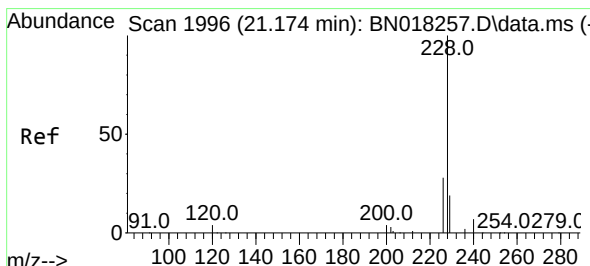
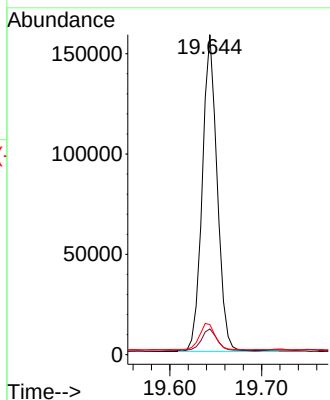
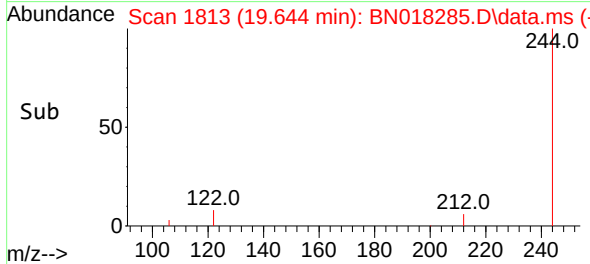
Instrument :
BNA_N
ClientSampleId :
MW-50



Tgt Ion:244 Resp: 178409
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 9.4 7.9 11.9

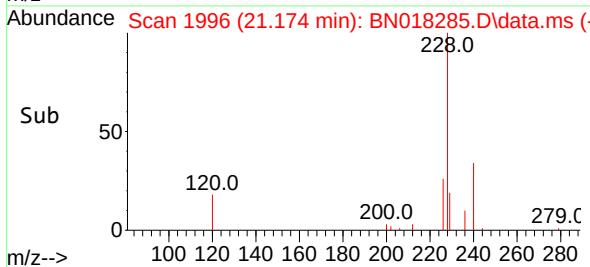
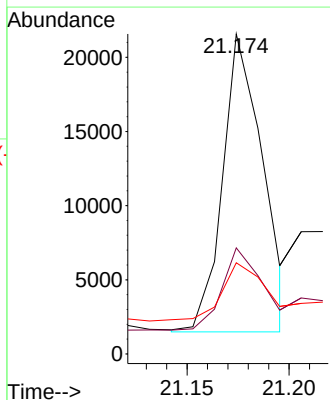
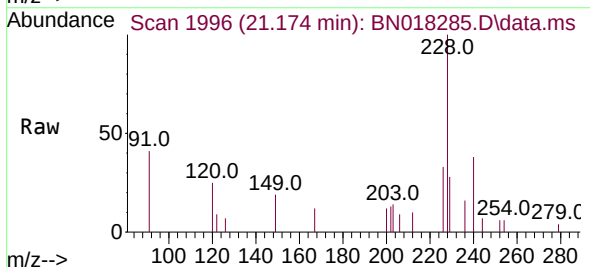
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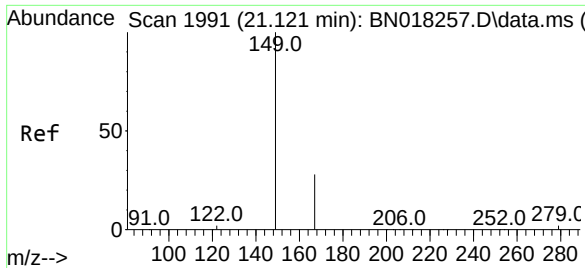
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#32
Benzo(a)anthracene
Concen: 0.108 ng m
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

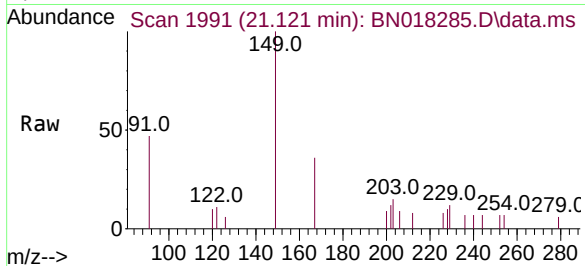
Tgt Ion:228 Resp: 27648
Ion Ratio Lower Upper
228 100
226 33.1 21.3 31.9#
229 28.5 15.9 23.9#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.121 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50

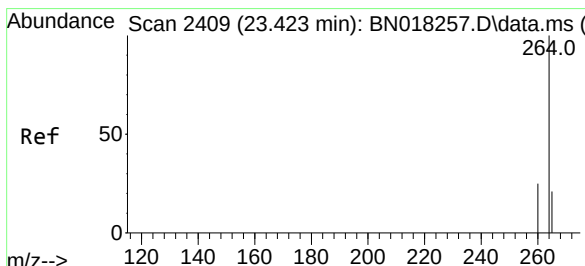
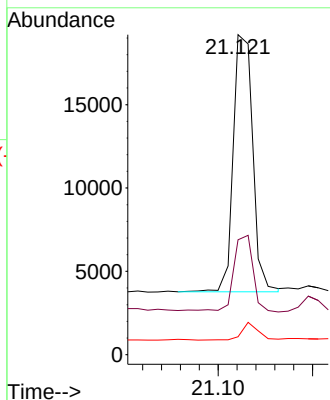
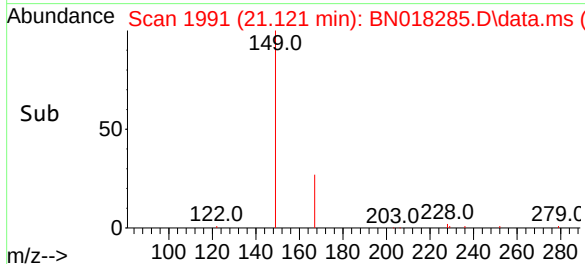
Instrument :
BNA_N
ClientSampleId :
MW-50



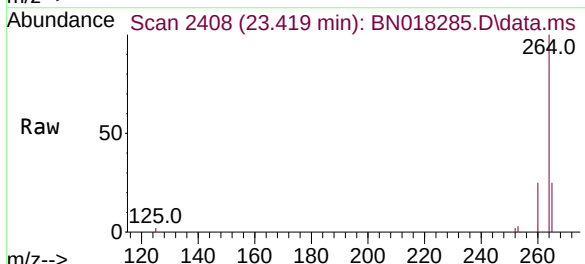
Tgt Ion:149 Resp: 22075
Ion Ratio Lower Upper
149 100
167 29.5 23.7 35.5
279 5.7 3.6 5.4

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Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.419 min Scan# 2408
Delta R.T. -0.004 min
Lab File: BN018285.D
Acq: 30 Dec 2021 06:50



Tgt Ion:264 Resp: 142565
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.4
265 25.3 18.2 27.2

