

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018288.D
 Acq On : 30 Dec 2021 08:38
 Operator : CG/JU
 Sample : M5212-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-63

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 16:05:06 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	32435	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	132516	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	82455	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	160646	0.400	ng	0.00
29) Chrysene-d12	21.196	240	143223	0.400	ng	0.00
35) Perylene-d12	23.423	264	130740	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	9807	0.151	ng	0.02
5) Phenol-d6	6.840	99	5110	0.081	ng	0.00
8) Nitrobenzene-d5	8.784	82	28314	0.425	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	66535	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	17458	0.701	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	107056	0.343	ng	-0.01
27) Fluoranthene-d10	19.038	212	194243	0.380	ng	0.00
31) Terphenyl-d14	19.644	244	158917	0.437	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.470	128	6940	0.021	ng	# 1
17) Acenaphthene	14.320	154	37229	0.175	ng	99
26) Anthracene	17.139	178	21761	0.099	ng	# 87
28) Fluoranthene	19.068	202	52977	0.107	ng	99
30) Pyrene	19.430	202	135254	0.241	ng	# 95
32) Benzo(a)anthracene	21.174	228	33173m	0.128	ng	
33) Chrysene	21.206	228	53591m	0.116	ng	
34) Bis(2-ethylhexyl)phtha...	21.132	149	21103	0.118	ng	# 97

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

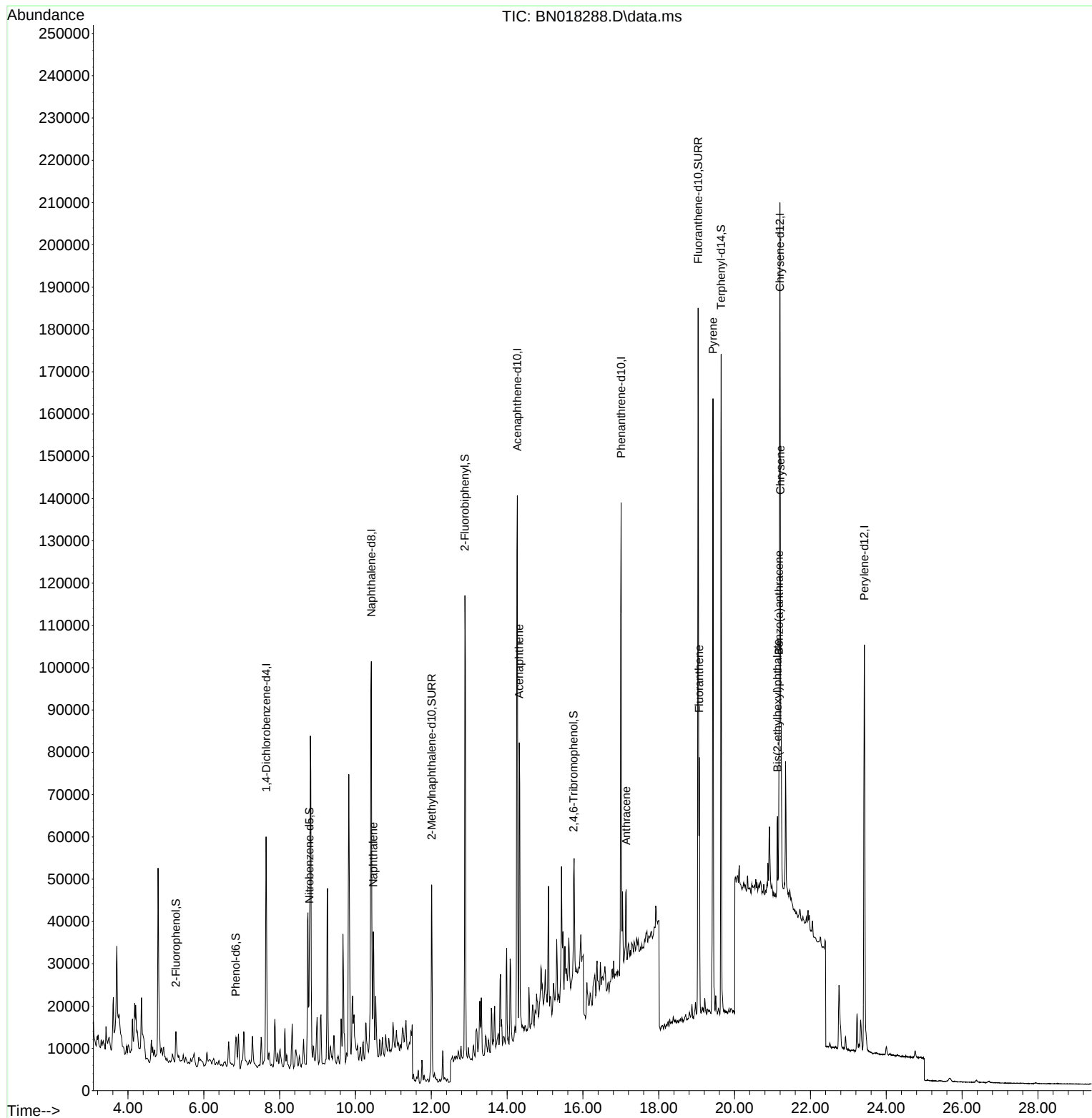
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018288.D
Acq On : 30 Dec 2021 08:38
Operator : CG/JU
Sample : M5212-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

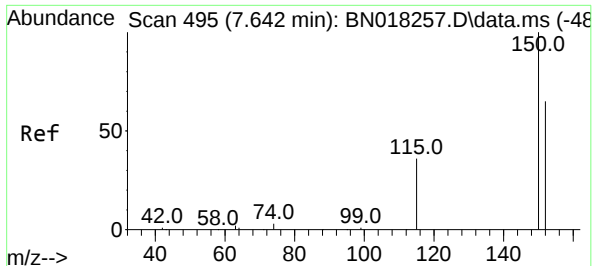
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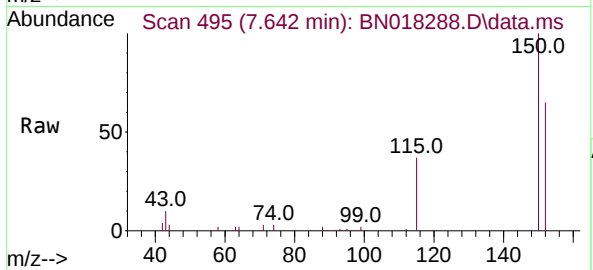
Quant Time: Dec 30 16:05:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

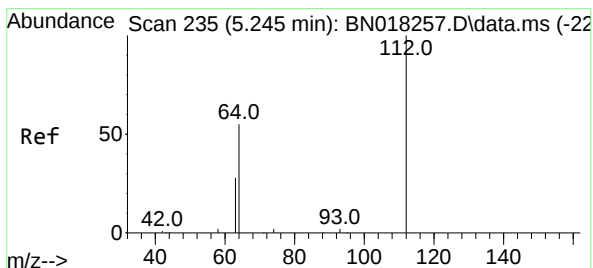
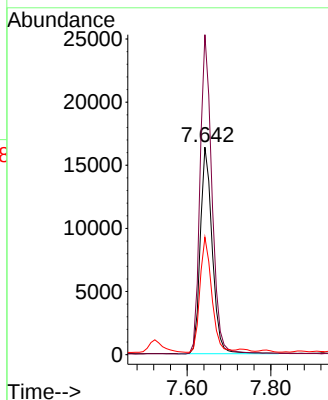
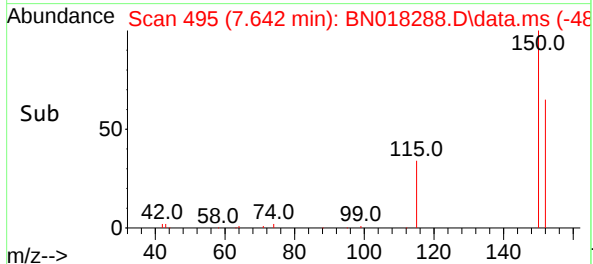
Instrument :
BNA_N
ClientSampleId :
MW-63



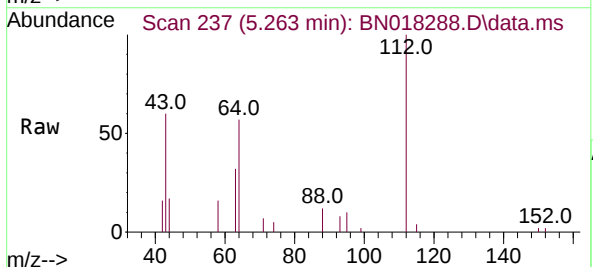
Tgt Ion:152 Resp: 3243
Ion Ratio Lower Upper
152 100
150 154.2 121.7 182.5
115 56.6 43.8 65.8

Manual Integrations
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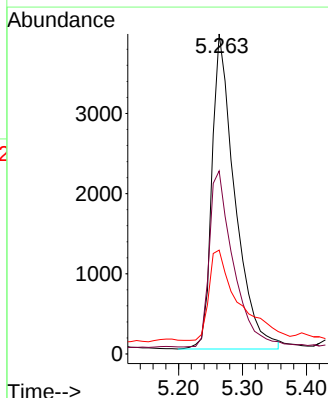
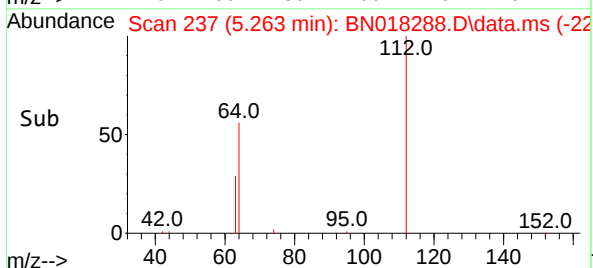
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

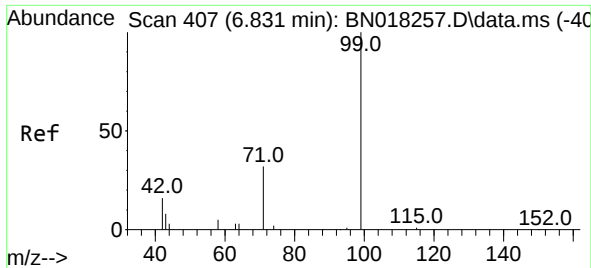


#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38



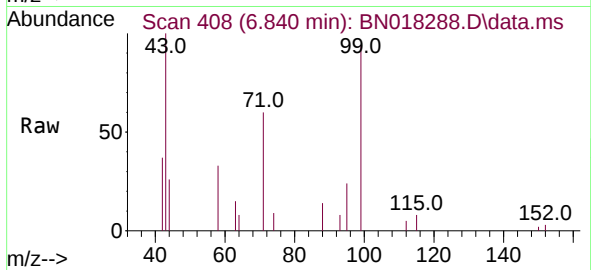
Tgt Ion:112 Resp: 9807
Ion Ratio Lower Upper
112 100
64 58.1 48.0 72.0
63 36.6 25.3 37.9





#5
Phenol-d6
Concen: 0.081 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

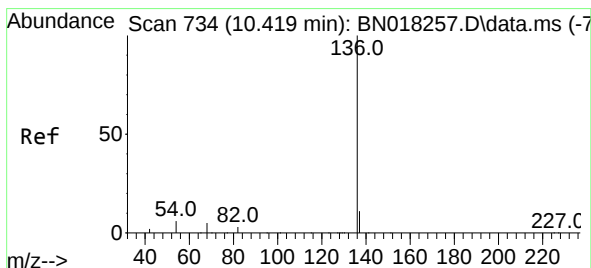
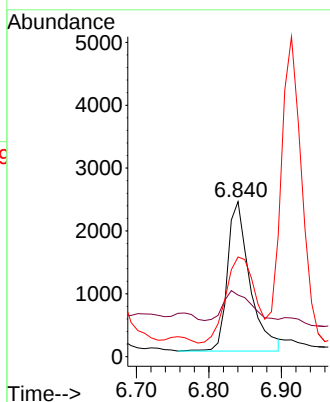
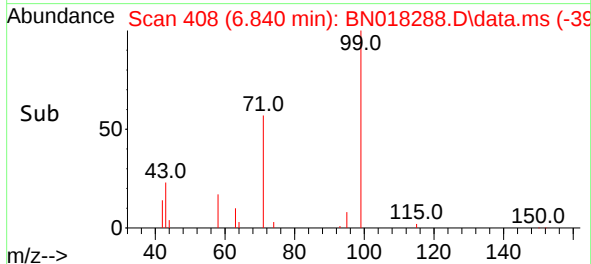
Instrument :
BNA_N
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Tgt Ion: 99 Resp: 5110
Ion Ratio Lower Upper
99 100
42 23.3 16.3 24.5
71 75.8 26.8 40.2

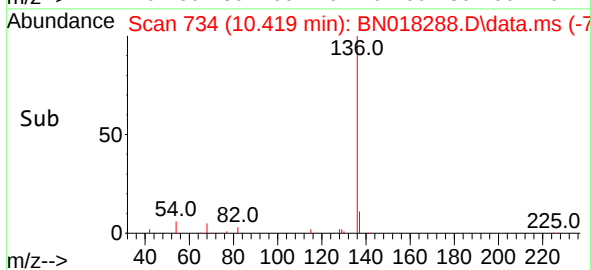
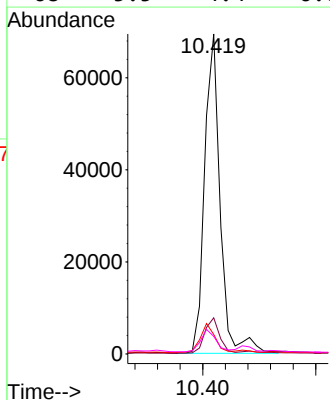
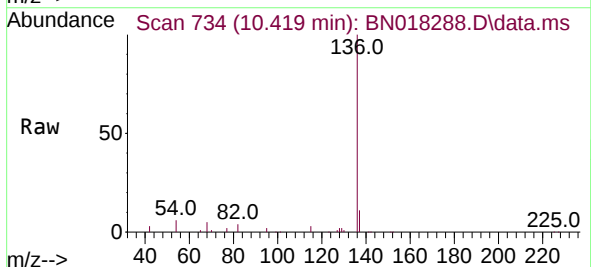
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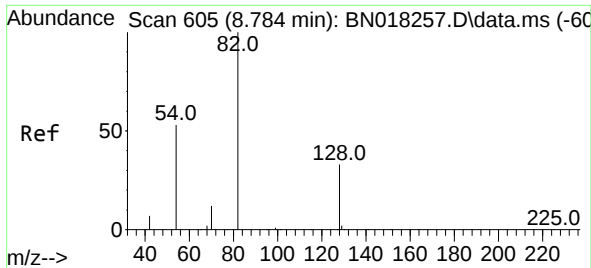
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

Tgt Ion:136 Resp: 132516
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.1 5.0 7.6
68 5.5 4.4 6.6





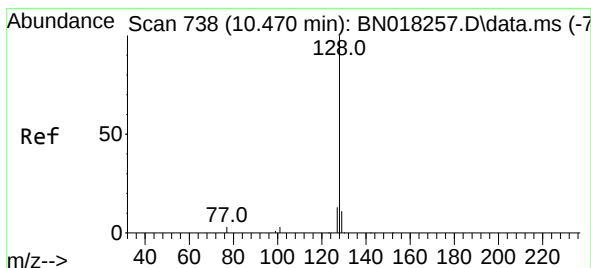
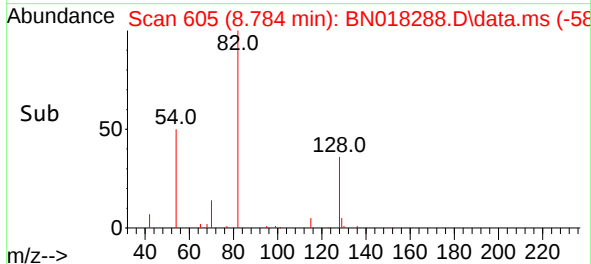
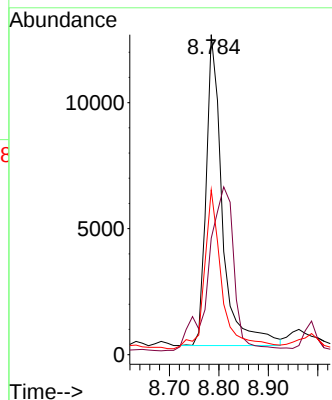
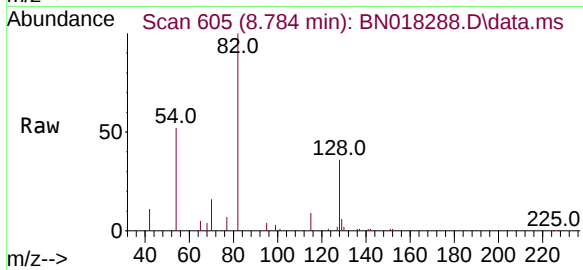
#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

Instrument :
BNA_N
ClientSampleId :
MW-63

Tgt Ion: 82 Resp: 28314
Ion Ratio Lower Upper
82 100
128 36.4 33.7 50.5
54 51.5 36.6 55.0

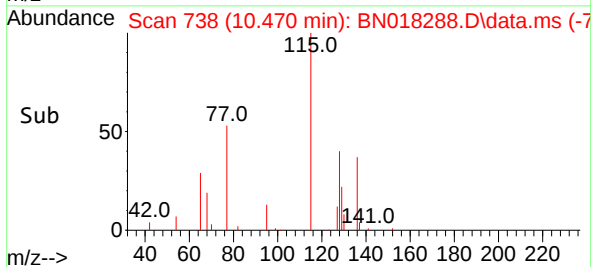
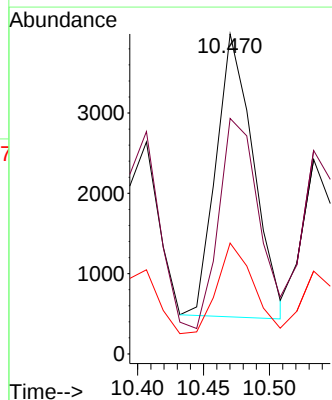
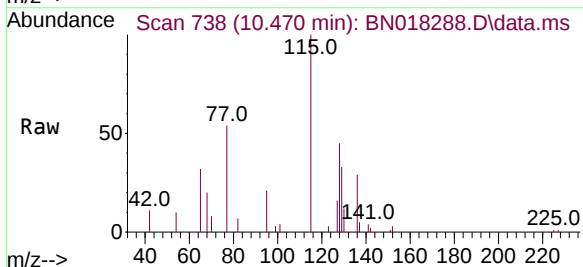
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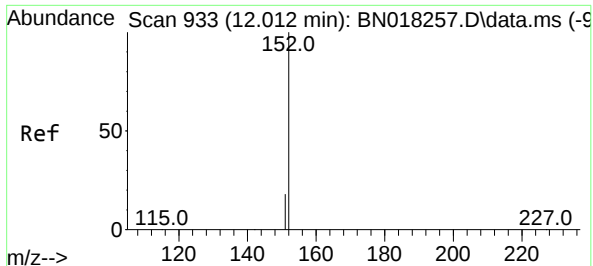
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#9
Naphthalene
Concen: 0.021 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

Tgt Ion:128 Resp: 6940
Ion Ratio Lower Upper
128 100
129 73.6 8.7 13.1#
127 34.7 10.4 15.6#





#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 12.007 min Scan# 911

Delta R.T. -0.004 min

Lab File: BN018288.D

Acq: 30 Dec 2021 08:38

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:152 Resp: 6653

Ion Ratio Lower Upper

152 100

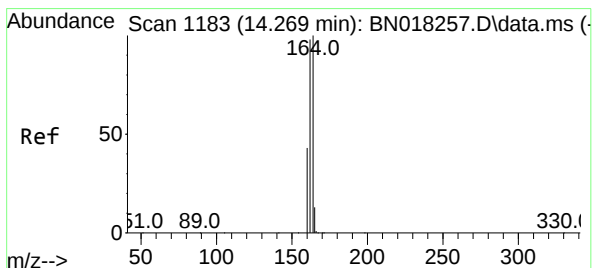
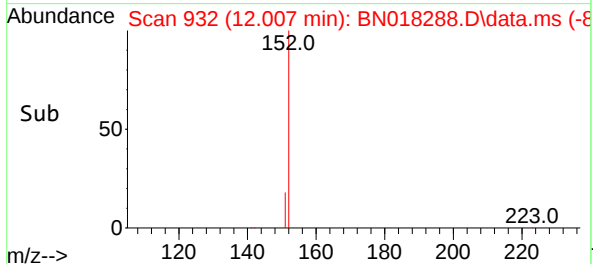
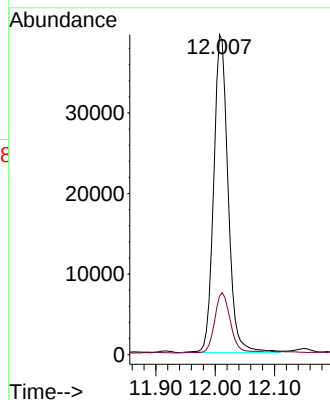
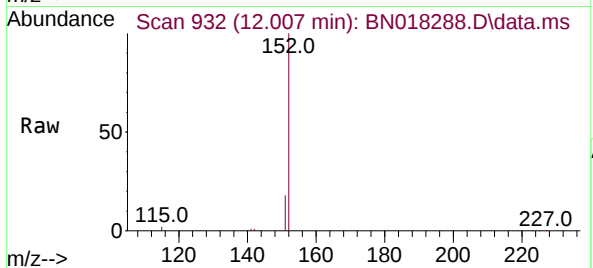
151 20.3 16.2 24.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.269 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BN018288.D

Acq: 30 Dec 2021 08:38

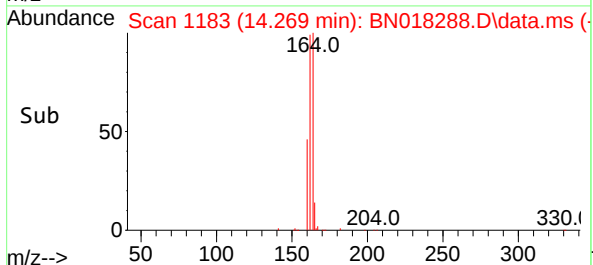
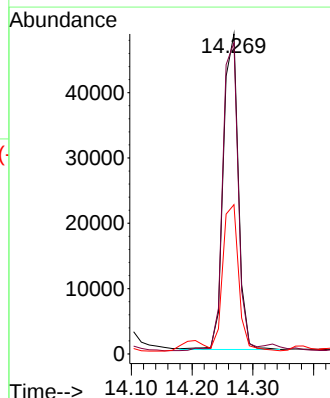
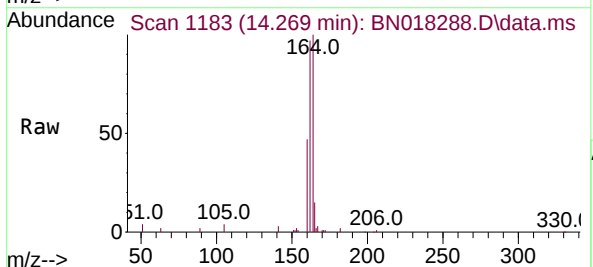
Tgt Ion:164 Resp: 82455

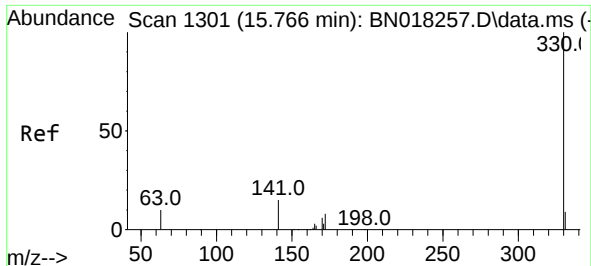
Ion Ratio Lower Upper

164 100

162 97.3 80.2 120.2

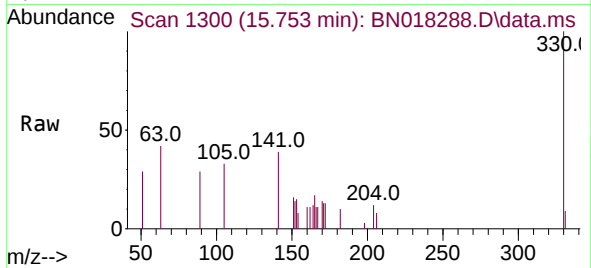
160 46.6 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 0.701 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

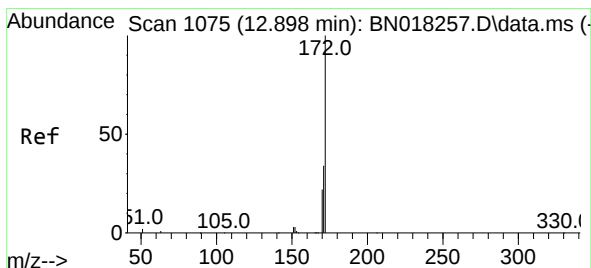
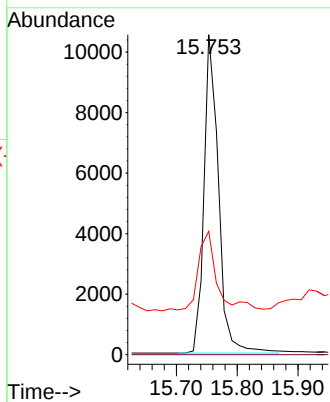
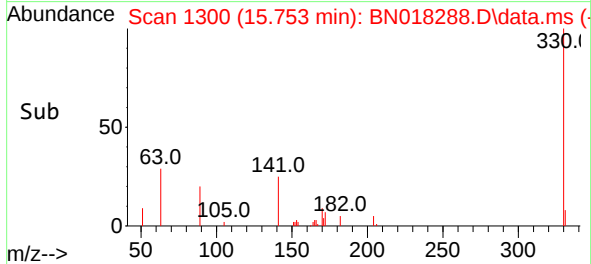
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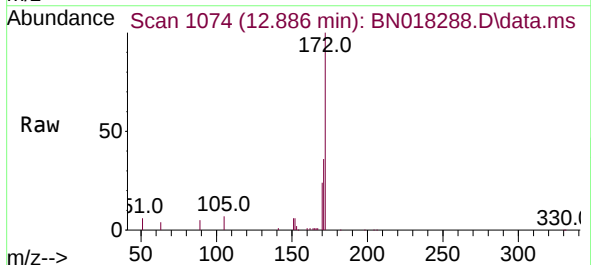
Tgt Ion: 330 Resp: 17458
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 21.3 31.9

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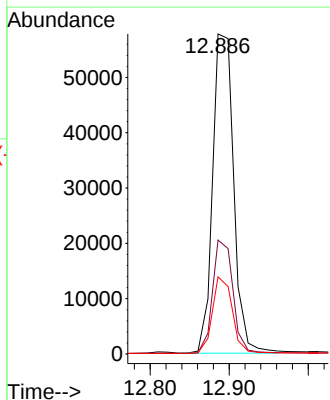
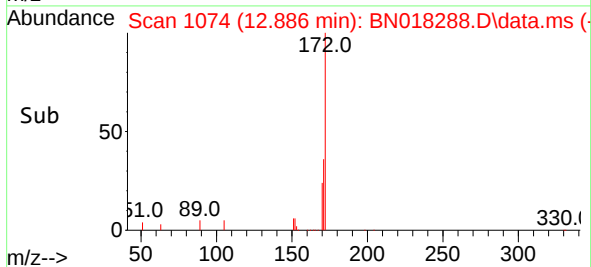
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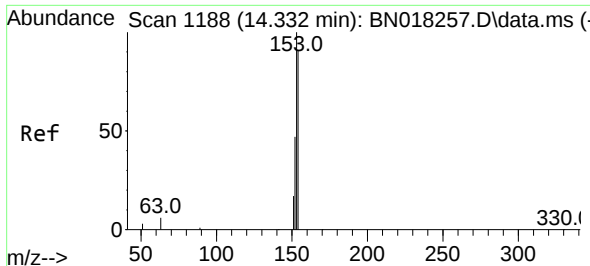


#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38



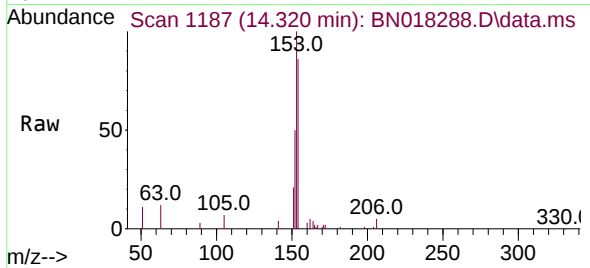
Tgt Ion: 172 Resp: 107056
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 24.1 18.4 27.6





#17
Acenaphthene
Concen: 0.175 ng
RT: 14.320 min Scan# 1188
Delta R.T. -0.013 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

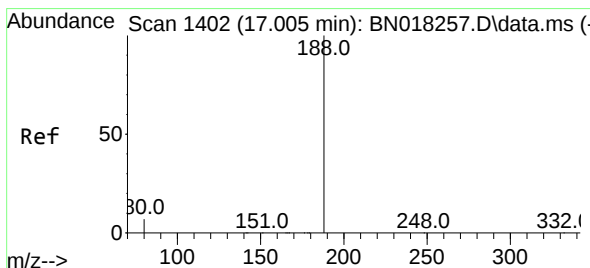
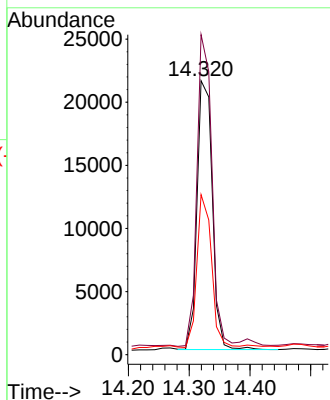
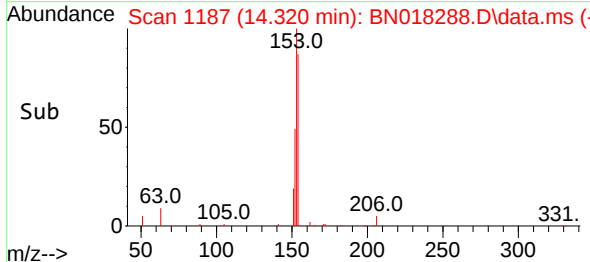
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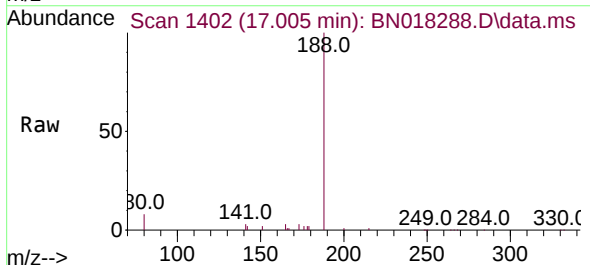
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Ion Ratio Lower Upper
154 100
153 113.5 90.9 136.3
152 53.7 45.0 67.4

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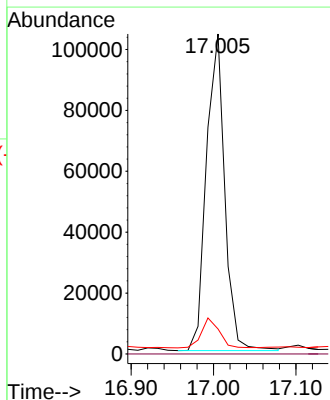
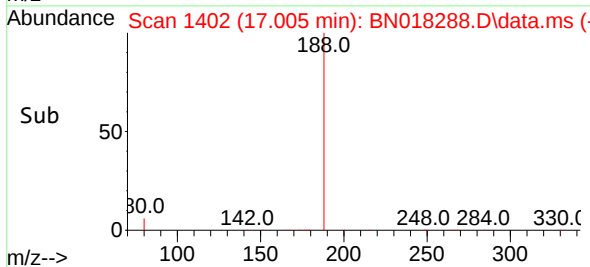
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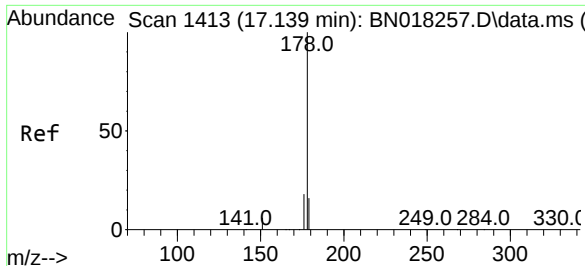


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38



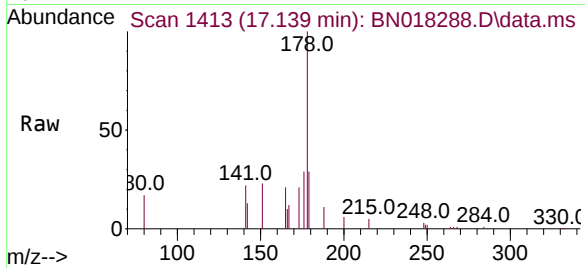
Tgt Ion:188 Resp: 160646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.0 10.4





#26
 Anthracene
 Concen: 0.099 ng
 RT: 17.139 min Scan# 1413
 Delta R.T. 0.000 min
 Lab File: BN018288.D
 Acq: 30 Dec 2021 08:38

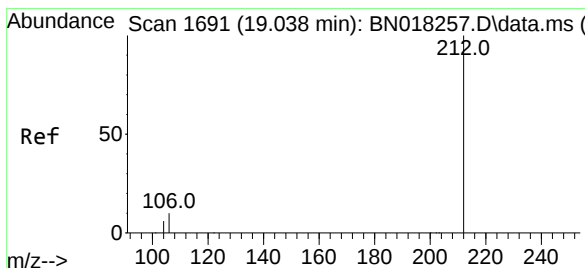
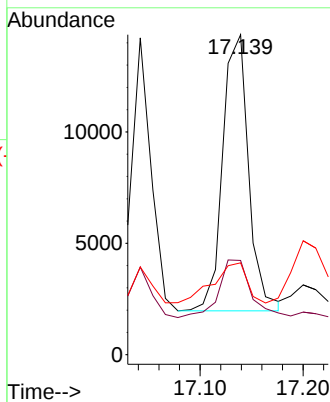
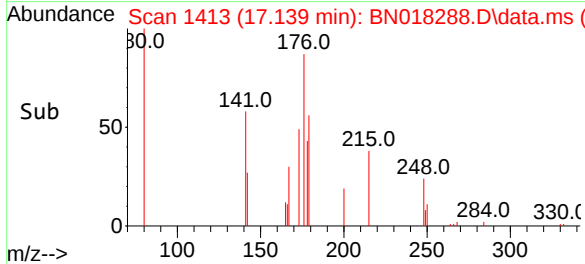
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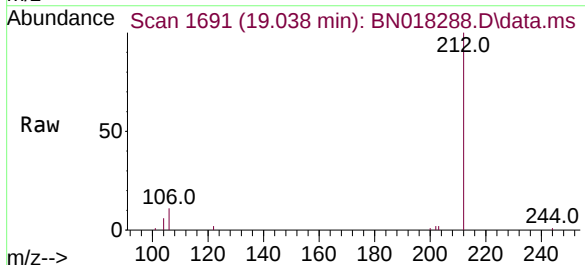
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 Ion Ratio Lower Upper
 178 100
 176 26.0 14.8 22.2
 179 18.8 12.2 18.4

Manual Integrations
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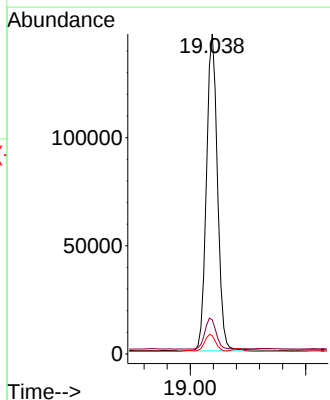
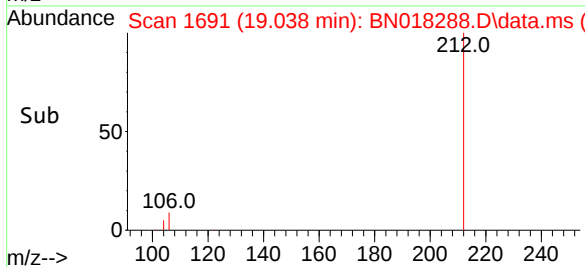
Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

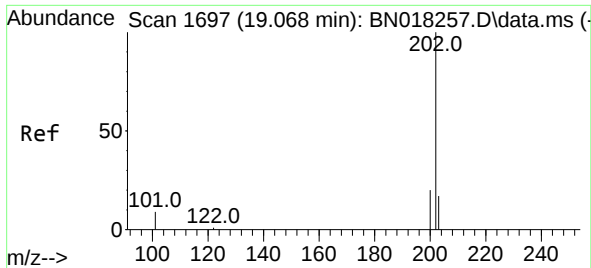


#27
 Fluoranthene-d10
 Concen: 0.380 ng
 RT: 19.038 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BN018288.D
 Acq: 30 Dec 2021 08:38



Tgt Ion:212 Resp: 194243
 Ion Ratio Lower Upper
 212 100
 106 10.0 8.4 12.6
 104 5.3 4.5 6.7





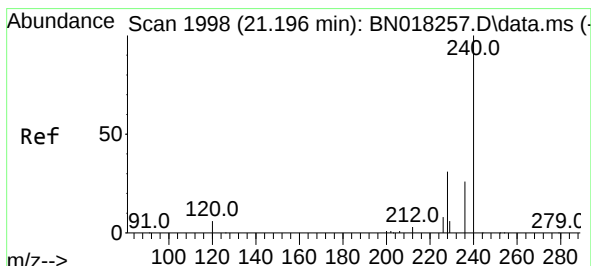
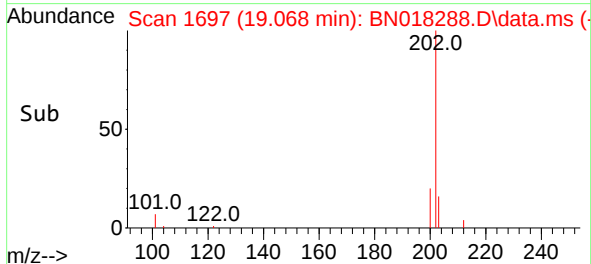
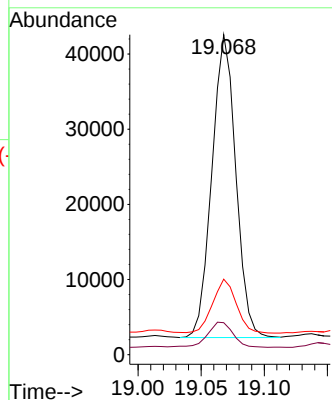
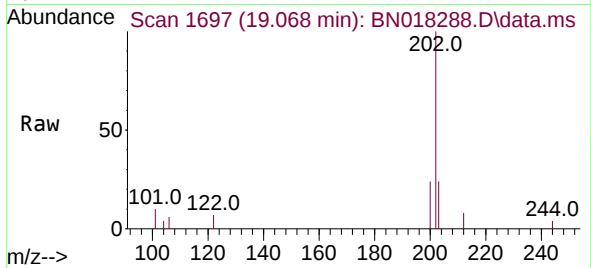
#28
Fluoranthene
Concen: 0.107 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

Instrument :
BNA_N
ClientSampleId :
MW-63

Tgt Ion:202 Resp: 5297
Ion Ratio Lower Upper
202 100
101 8.9 7.2 10.8
203 17.6 13.7 20.5

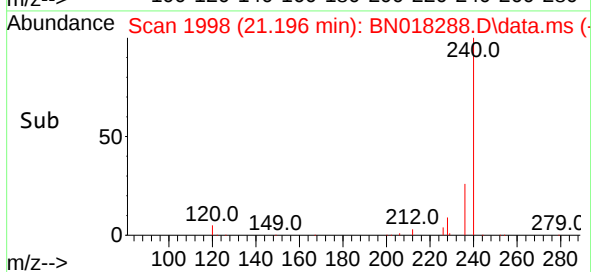
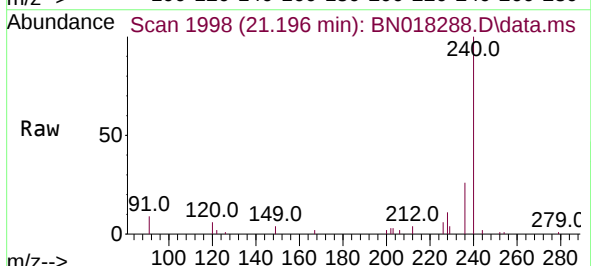
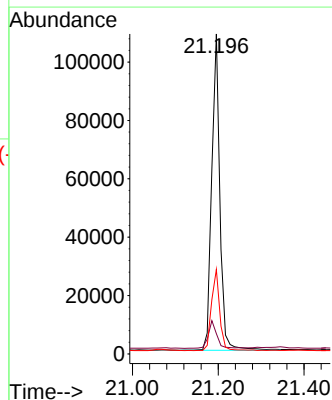
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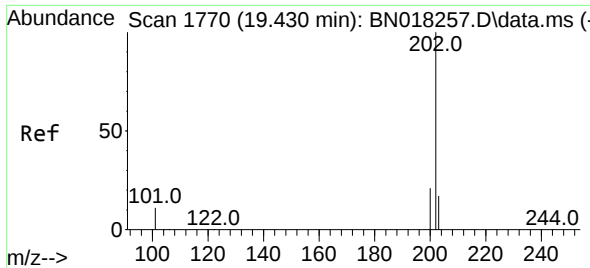
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

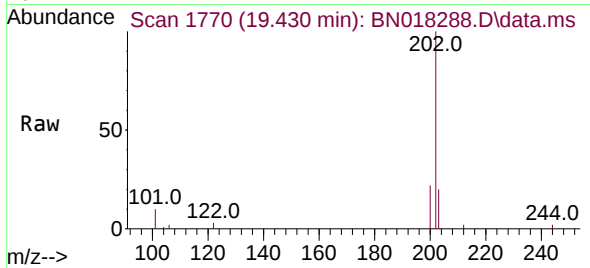
Tgt Ion:240 Resp: 143223
Ion Ratio Lower Upper
240 100
120 6.4 6.0 9.0
236 26.4 21.4 32.2





#30
Pyrene
Concen: 0.241 ng
RT: 19.430 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

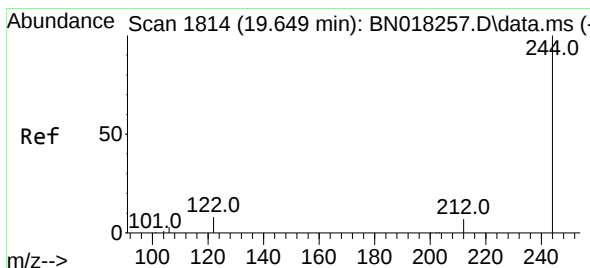
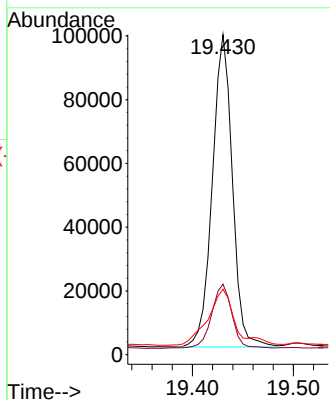
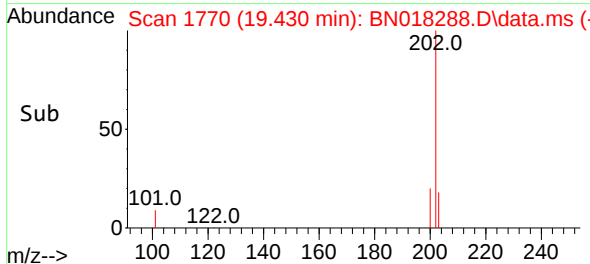
Instrument :
BNA_N
ClientSampleId :
MW-63



Tgt Ion:202 Resp: 135254
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 22.1 14.1 21.1

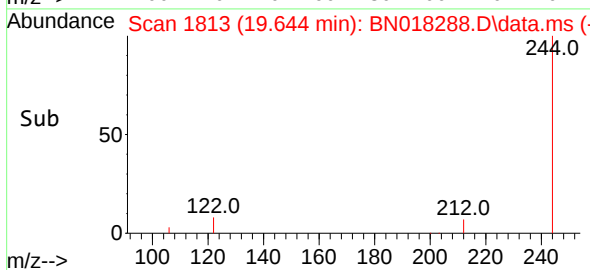
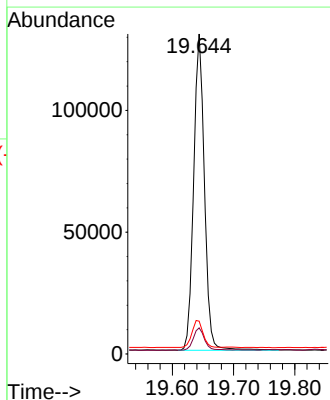
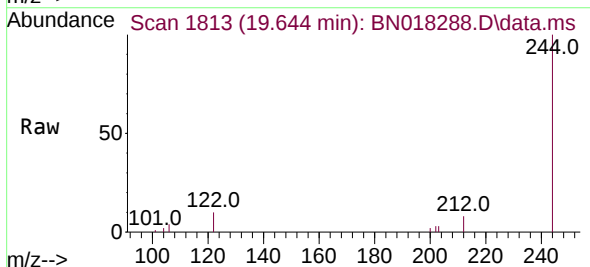
Manual Integrations
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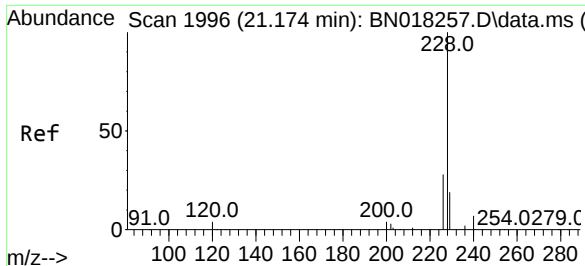
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#31
Terphenyl-d14
Concen: 0.437 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

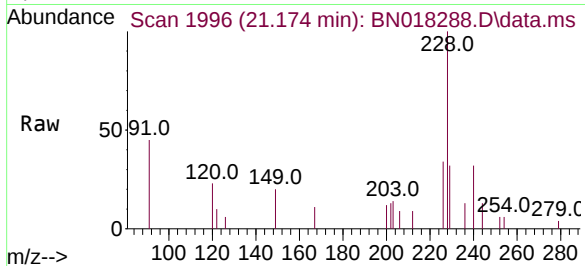
Tgt Ion:244 Resp: 158917
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 10.2 7.9 11.9





#32
Benzo(a)anthracene
Concen: 0.128 ng m
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

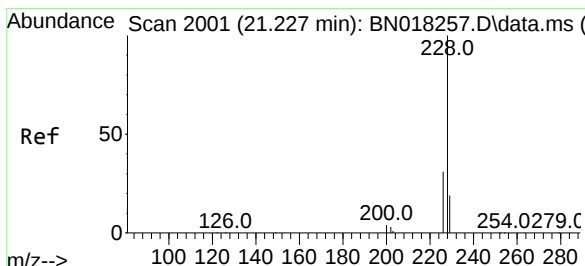
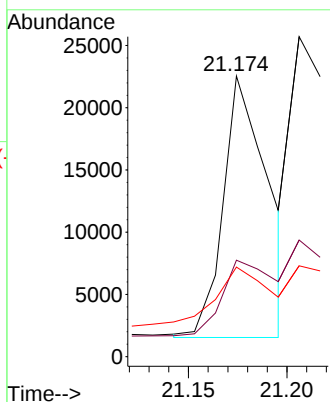
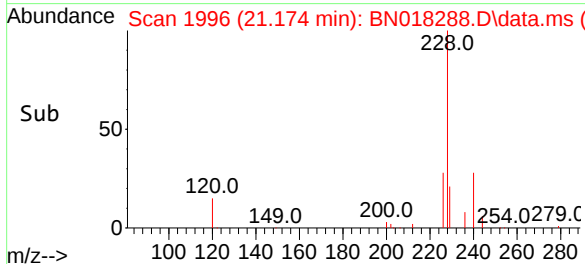
Instrument :
BNA_N
ClientSampleId :
MW-63



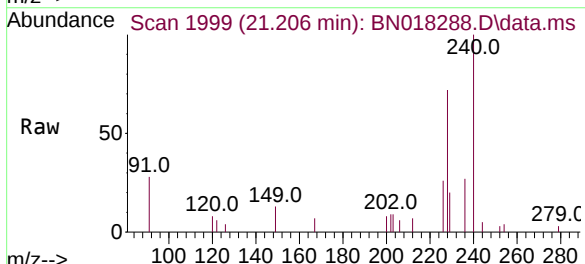
Tgt Ion:228 Resp: 3317
Ion Ratio Lower Upper
228 100
226 34.4 21.3 31.9#
229 32.0 15.9 23.9#

Manual Integrations
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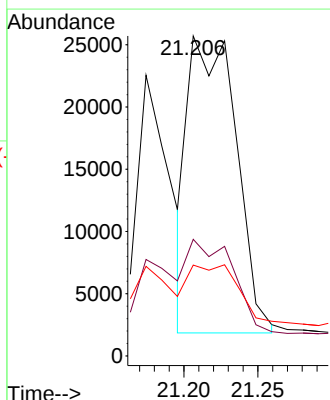
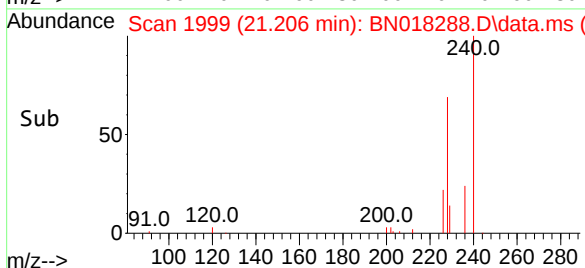
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

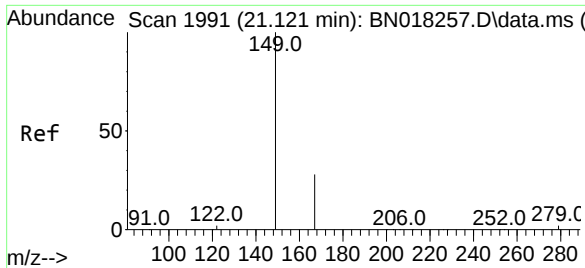


#33
Chrysene
Concen: 0.116 ng m
RT: 21.206 min Scan# 1999
Delta R.T. -0.021 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38



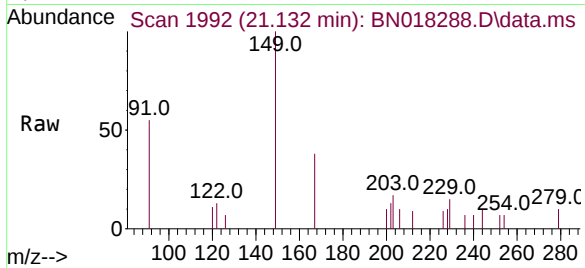
Tgt Ion:228 Resp: 53591
Ion Ratio Lower Upper
228 100
226 36.4 24.2 36.4#
229 28.4 15.5 23.3#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.118 ng
RT: 21.132 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

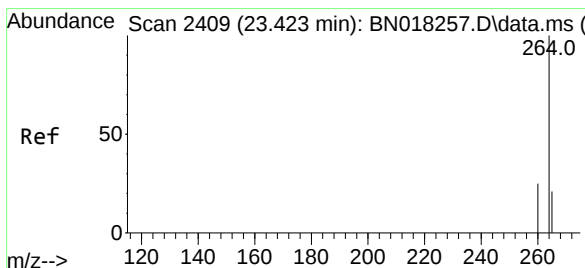
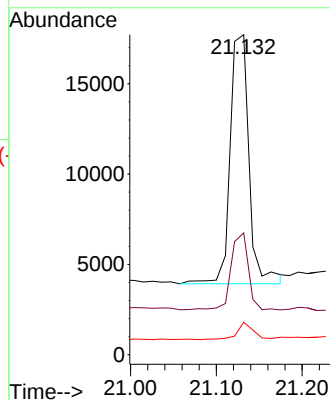
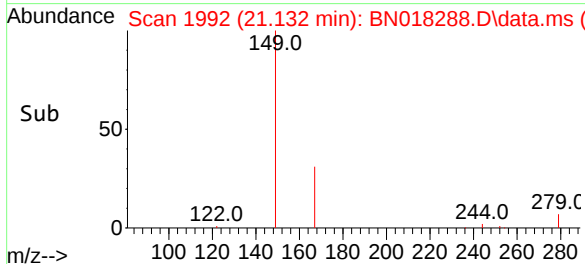
Instrument :
BNA_N
ClientSampleId :
MW-63



Tgt Ion:149 Resp: 2110
Ion Ratio Lower Upper
149 100
167 27.9 23.7 35.5
279 5.9 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BN018288.D
Acq: 30 Dec 2021 08:38

Tgt Ion:264 Resp: 130740
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 26.7 18.2 27.2

