

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018283.D
 Acq On : 30 Dec 2021 05:38
 Operator : CG/JU
 Sample : M5221-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-122221-FD

Quant Time: Dec 30 06:35:45 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27609	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	103510	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	76839	0.400	ng	# 0.01
19) Phenanthrene-d10	17.017	188	117868	0.400	ng	# 0.01
29) Chrysene-d12	21.195	240	113652	0.400	ng	# 0.00
35) Perylene-d12	23.433	264	106414	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	10389	0.188	ng	0.02
5) Phenol-d6	6.831	99	6871	0.128	ng	0.00
8) Nitrobenzene-d5	8.784	82	71659	1.070	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	71593	0.411	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9874	0.545	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	96647	0.332	ng	0.00
27) Fluoranthene-d10	19.048	212	211341m	0.563	ng	0.00
31) Terphenyl-d14	19.649	244	124190	0.430	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.470	128	253910	0.992	ng	# 78
12) 2-Methylnaphthalene	12.092	142	129623	0.790	ng	# 51
17) Acenaphthene	14.332	154	451200	2.274	ng	# 74
18) Fluorene	15.322	166	950328	4.066	ng	# 92
25) Phenanthrene	17.054	178	2992738m	9.631	ng	
26) Anthracene	17.115	178	249045	0.909	ng	# 1
28) Fluoranthene	19.078	202	118302	0.325	ng	# 79
30) Pyrene	19.440	202	201615	0.452	ng	98
32) Benzo(a)anthracene	21.185	228	15757m	0.099	ng	
33) Chrysene	21.217	228	76980m	0.210	ng	
34) Bis(2-ethylhexyl)phtha...	21.132	149	2029381	14.305	ng	# 99

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

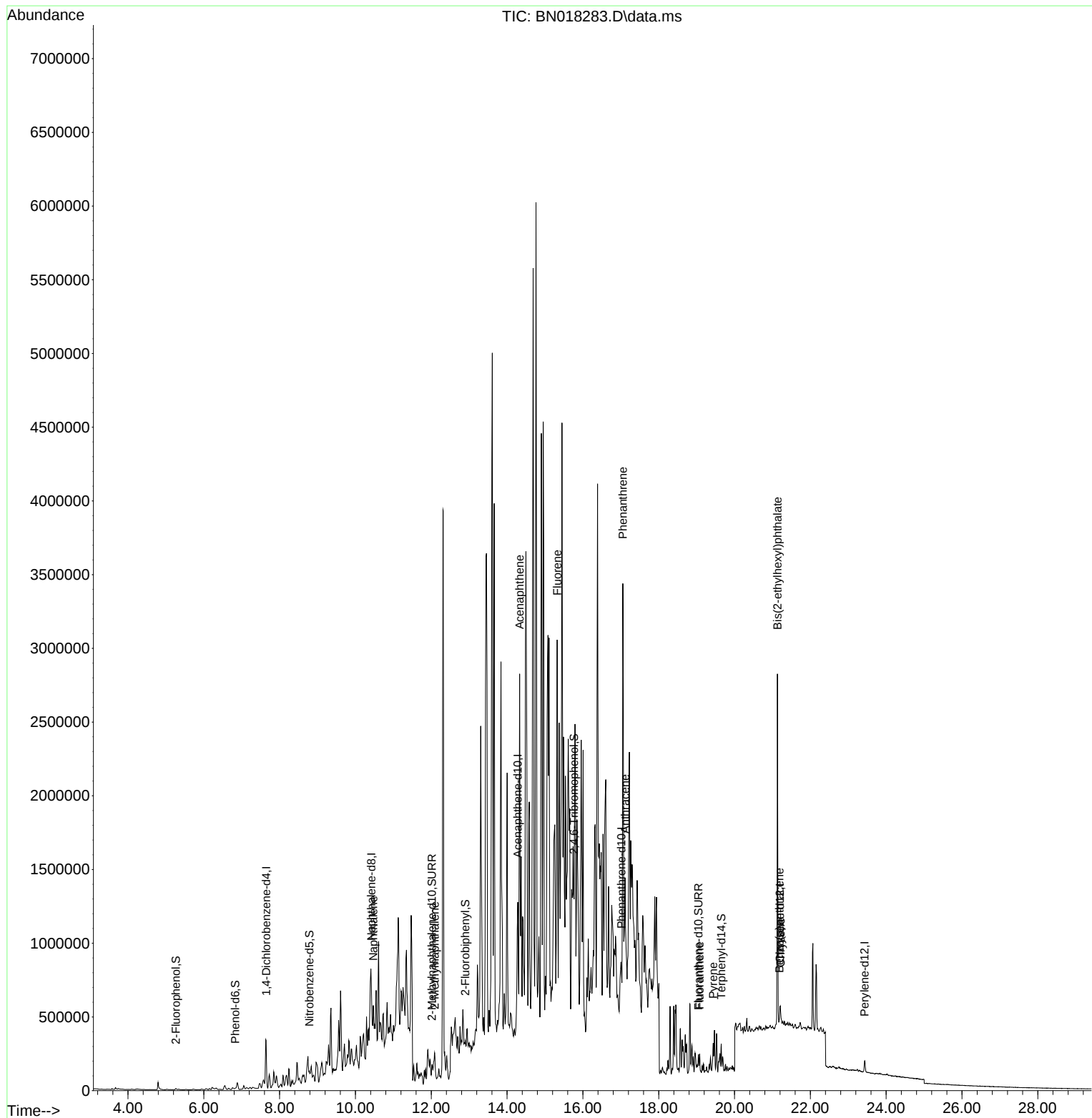
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018283.D
Acq On : 30 Dec 2021 05:38
Operator : CG/JU
Sample : M5221-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

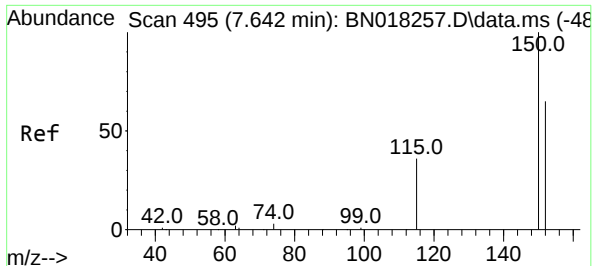
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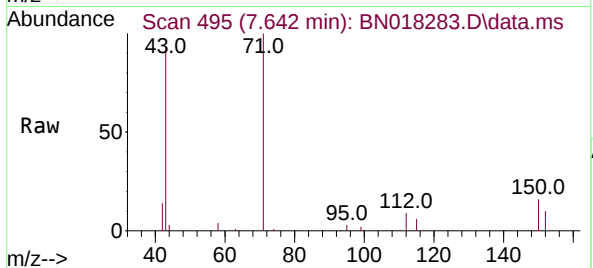
Quant Time: Dec 30 06:35:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

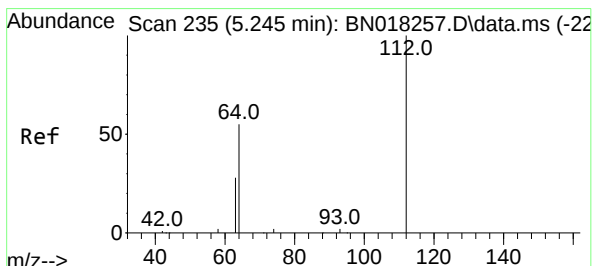
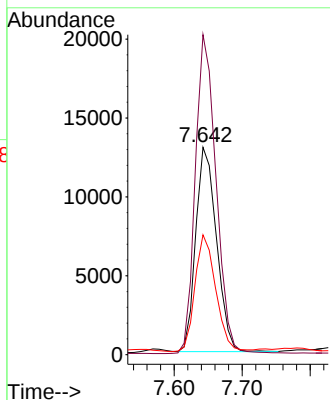
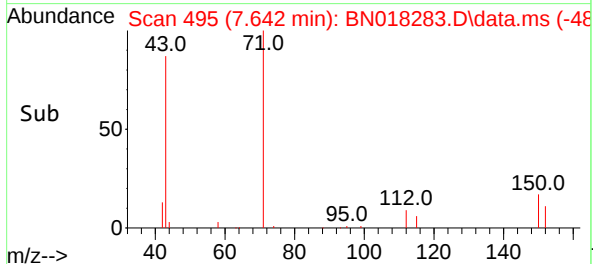
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221-FD



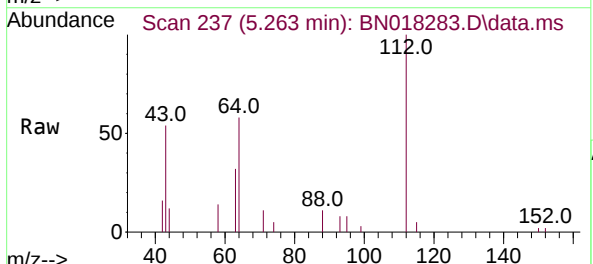
Tgt Ion:152 Resp: 27609
Ion Ratio Lower Upper
152 100
150 154.3 121.7 182.5
115 57.8 43.8 65.8

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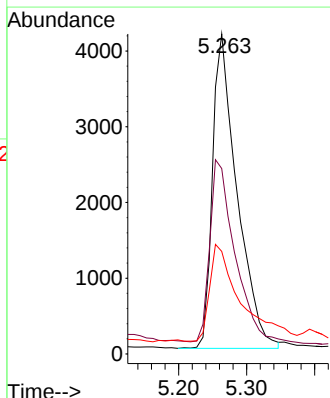
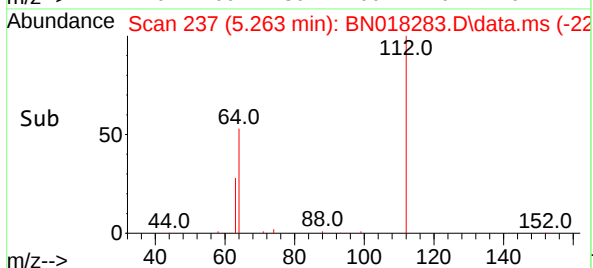
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

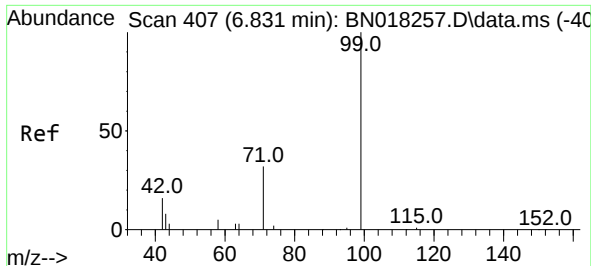


#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



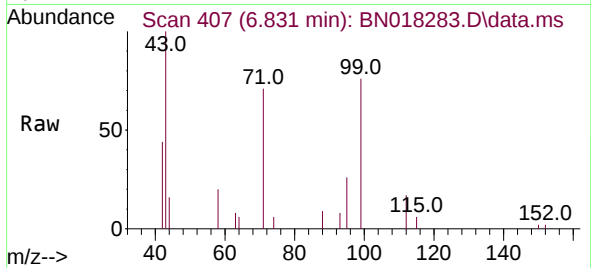
Tgt Ion:112 Resp: 10389
Ion Ratio Lower Upper
112 100
64 58.8 48.0 72.0
63 38.4 25.3 37.9#





#5
Phenol-d6
Concen: 0.128 ng
RT: 6.831 min Scan# 407
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

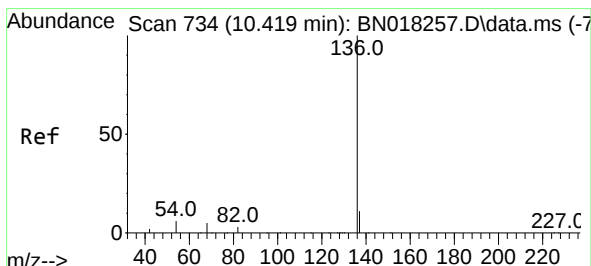
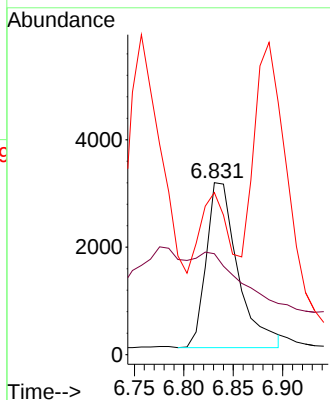
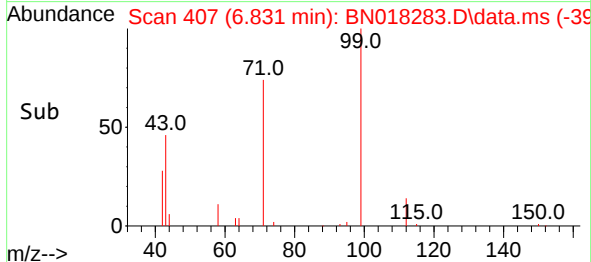
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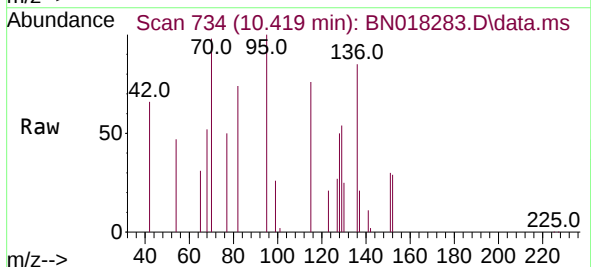
Tgt Ion: 99 Resp: 687
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 40.6 26.8 40.2

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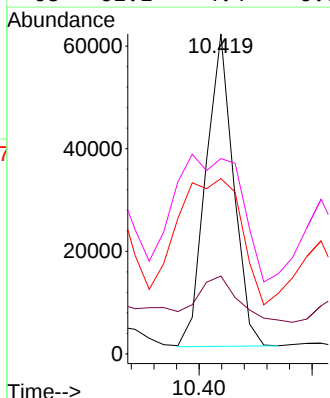
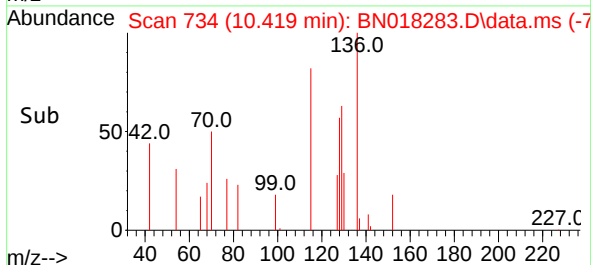
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

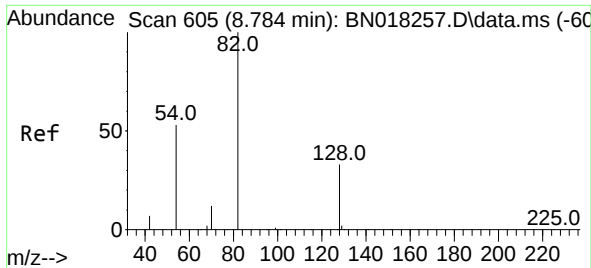


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



Tgt Ion:136 Resp: 103510
Ion Ratio Lower Upper
136 100
137 24.3 8.8 13.2#
54 54.8 5.0 7.6#
68 61.1 4.4 6.6#





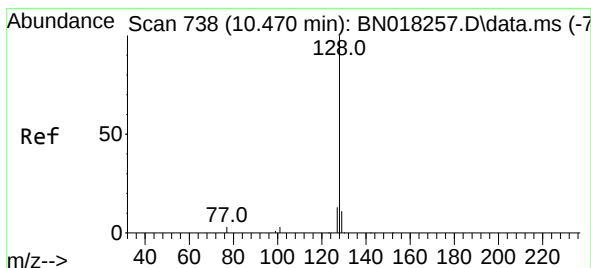
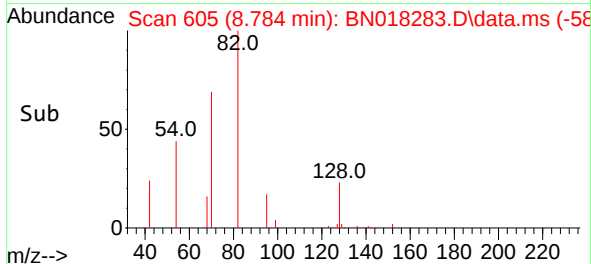
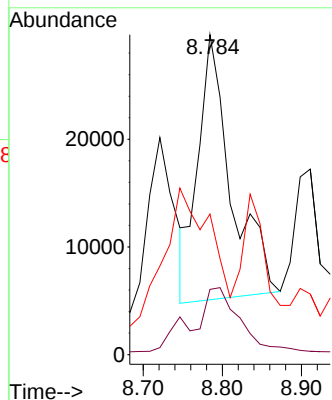
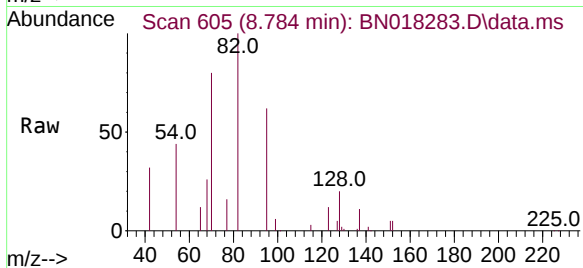
#8
Nitrobenzene-d5
Concen: 1.070 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221-FD

Tgt Ion: 82 Resp: 71659
Ion Ratio Lower Upper
82 100
128 20.4 33.7 50.5
54 44.0 36.6 55.0

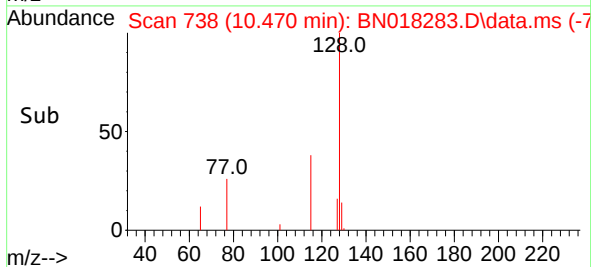
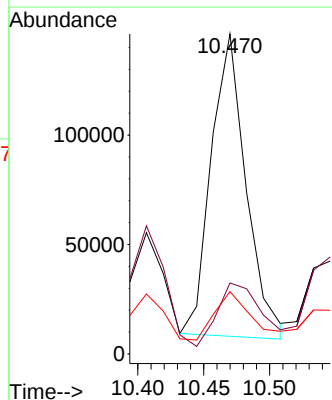
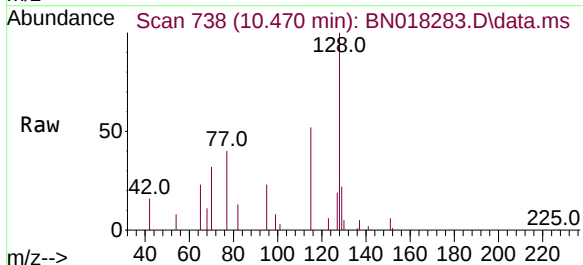
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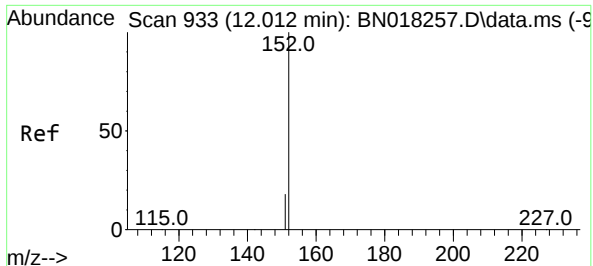
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.992 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

Tgt Ion:128 Resp: 253910
Ion Ratio Lower Upper
128 100
129 22.2 8.7 13.1#
127 19.5 10.4 15.6#





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 12.016 min Scan# 911

Delta R.T. 0.004 min

Lab File: BN018283.D

Acq: 30 Dec 2021 05:38

Instrument :

BNA_N

ClientSampleId :

PW-B6-L10-122221-FD

Tgt Ion:152 Resp: 7159

Ion Ratio Lower Upper

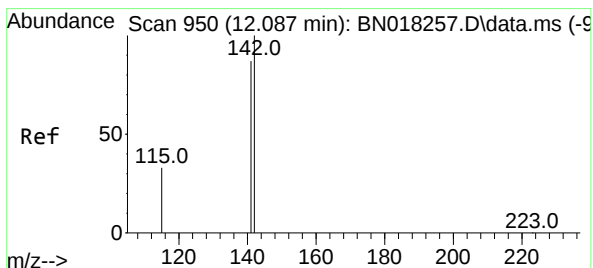
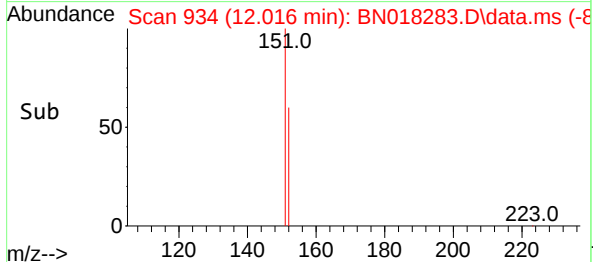
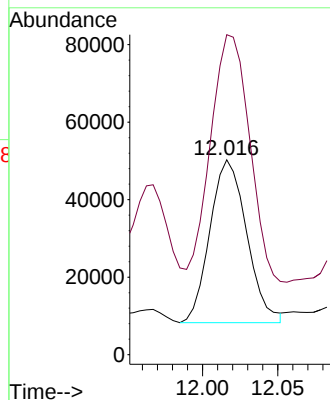
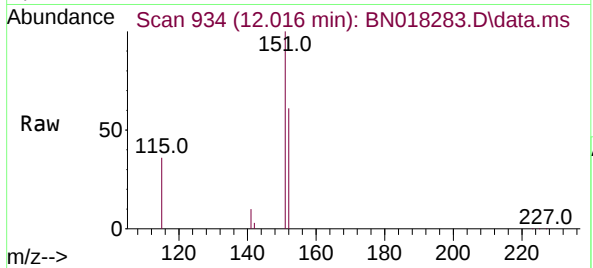
152 100

151 160.1 16.2 24.2

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#12

2-Methylnaphthalene

Concen: 0.790 ng

RT: 12.092 min Scan# 951

Delta R.T. 0.004 min

Lab File: BN018283.D

Acq: 30 Dec 2021 05:38

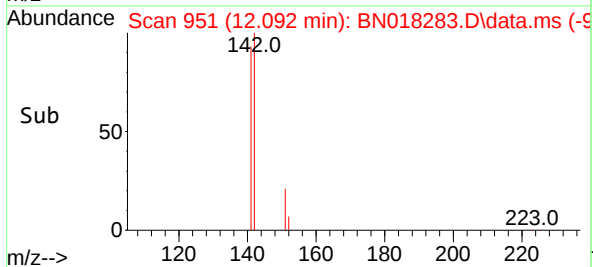
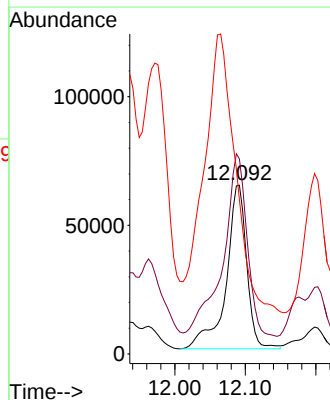
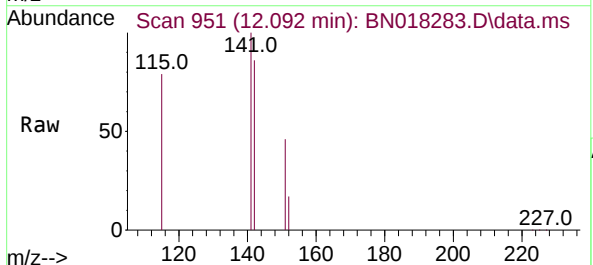
Tgt Ion:142 Resp: 129623

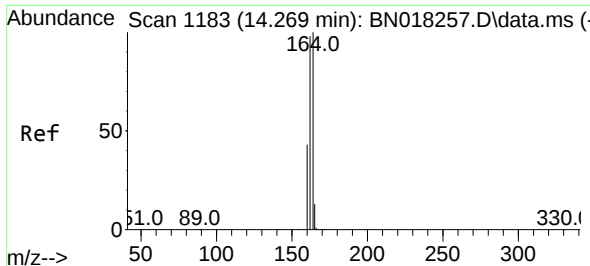
Ion Ratio Lower Upper

142 100

141 115.6 70.0 105.0#

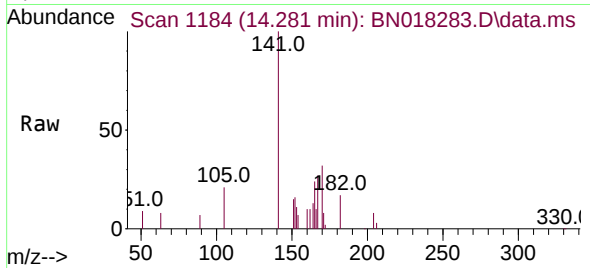
115 91.4 27.8 41.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.012 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

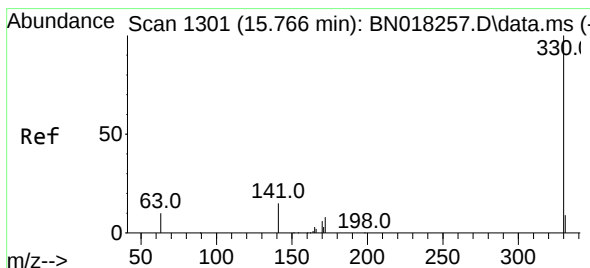
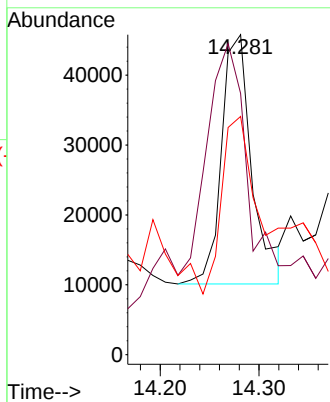
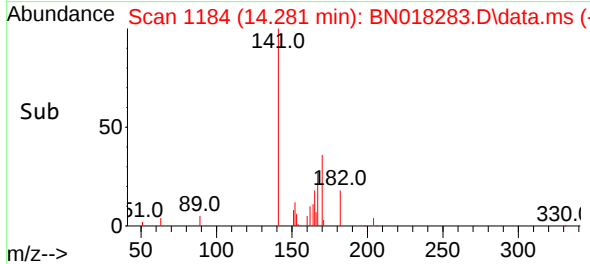
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Tgt Ion:164 Resp: 76839
Ion Ratio Lower Upper
164 100
162 81.7 80.2 120.2
160 74.5 36.9 55.3

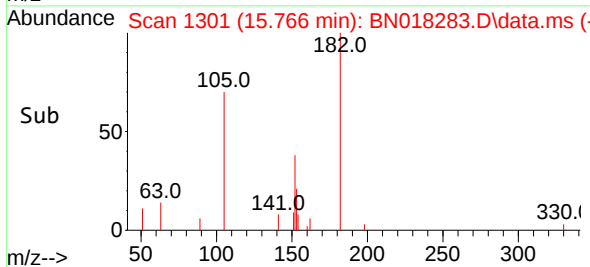
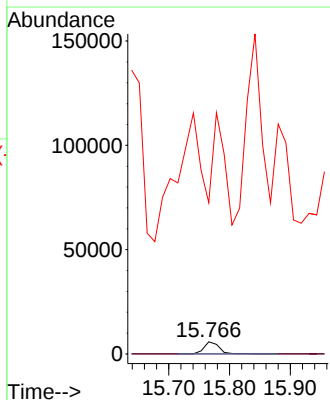
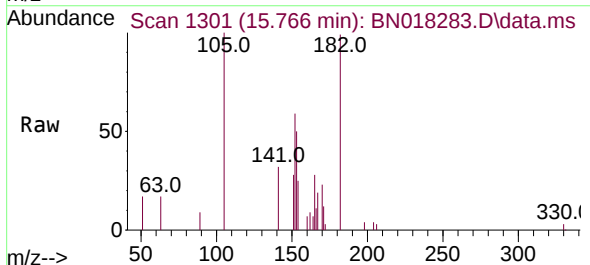
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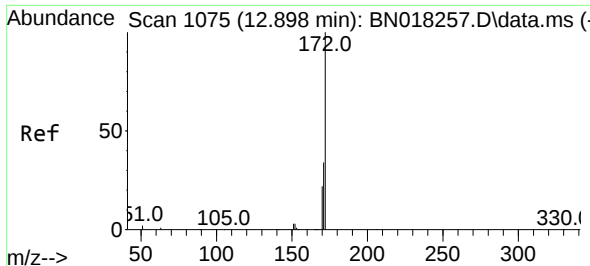
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#14
2,4,6-Tribromophenol
Concen: 0.545 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

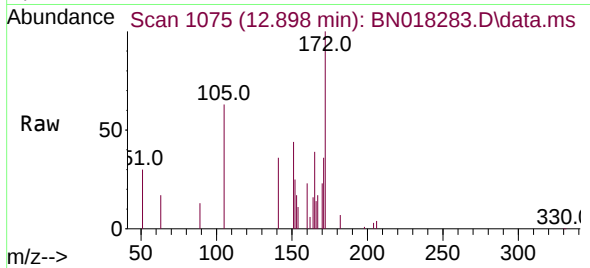
Tgt Ion:330 Resp: 9874
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 678.3 21.3 31.9





#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

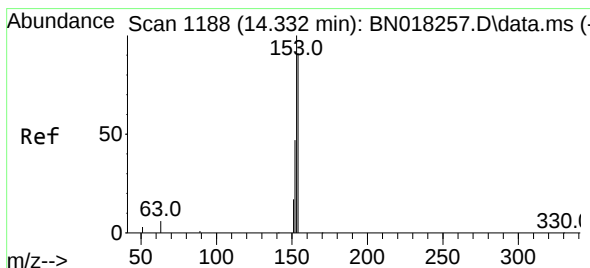
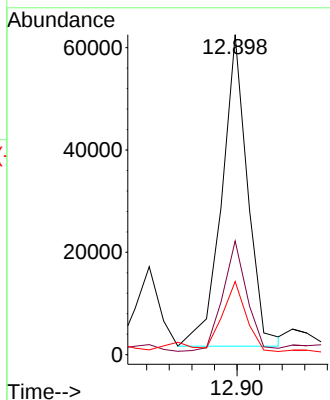
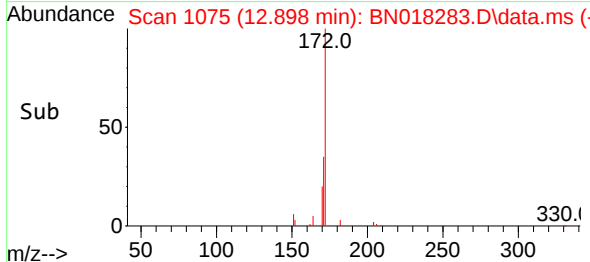
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Tgt Ion:172 Resp: 9664
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 22.9 18.4 27.6

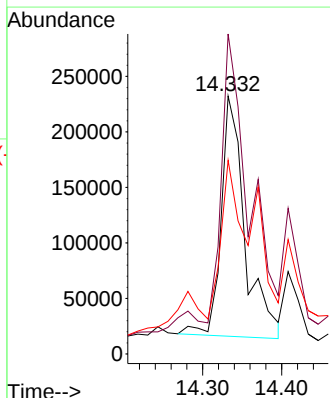
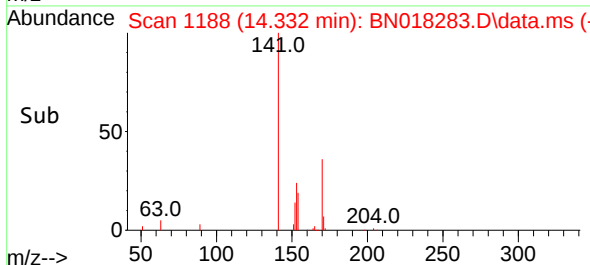
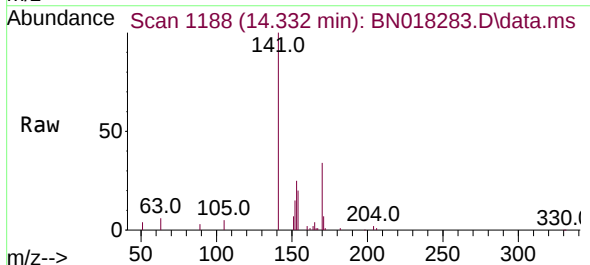
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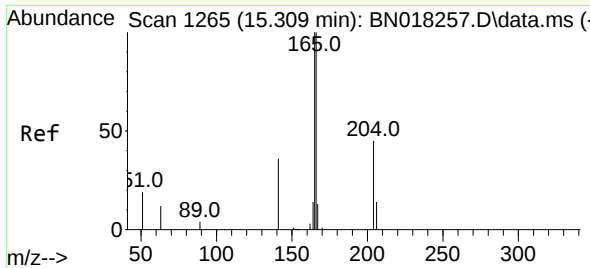
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#17
Acenaphthene
Concen: 2.274 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

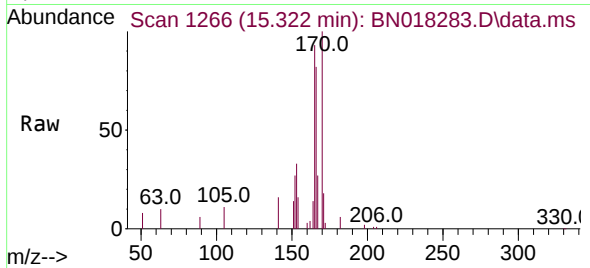
Tgt Ion:154 Resp: 451200
Ion Ratio Lower Upper
154 100
153 133.0 90.9 136.3
152 86.1 45.0 67.4#





#18
Fluorene
Concen: 4.066 ng
RT: 15.322 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

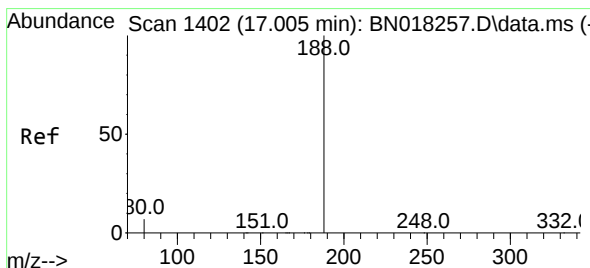
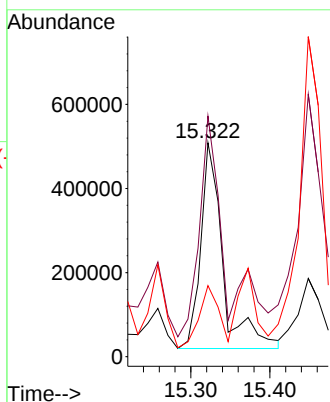
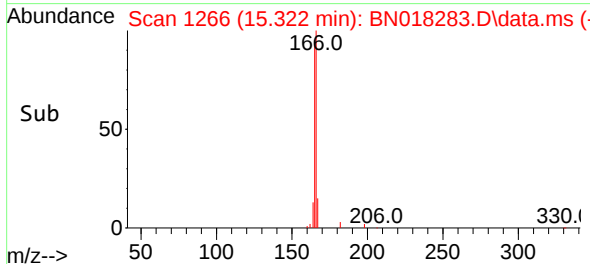
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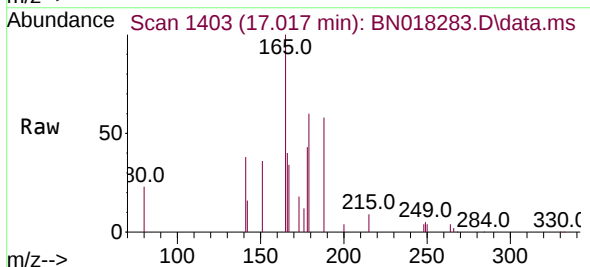
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Ion Ratio Lower Upper
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165 101.7 77.8 116.6
167 27.1 10.9 16.3

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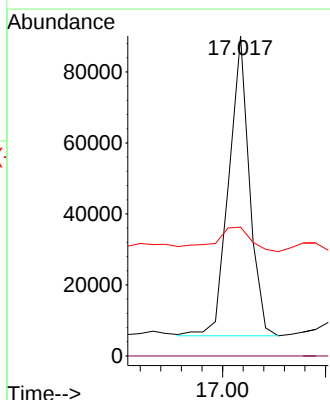
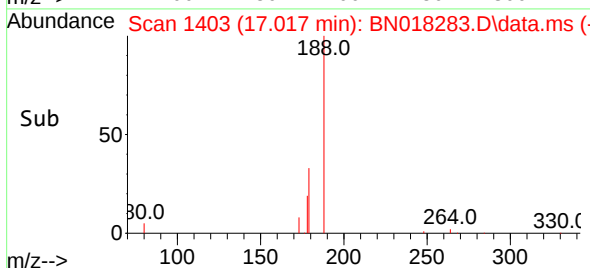
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

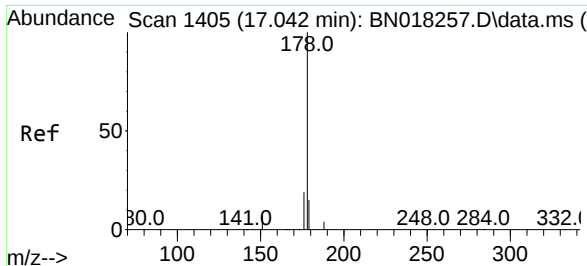


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



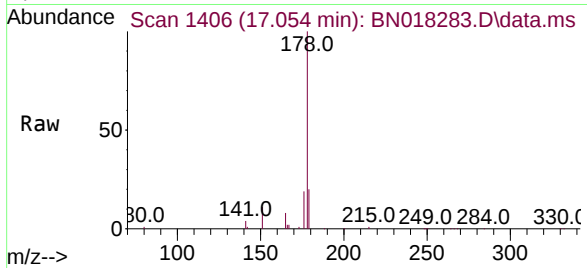
Tgt Ion:188 Resp: 117868
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 40.2 7.0 10.4





#25
Phenanthrene
Concen: 9.631 ng m
RT: 17.054 min Scan# 1406
Delta R.T. 0.012 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

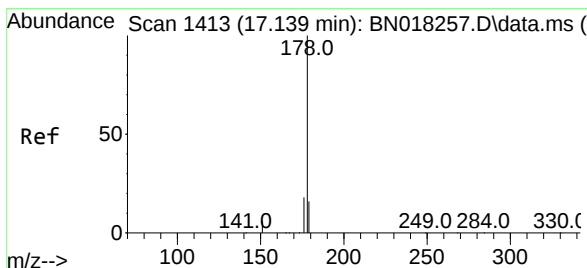
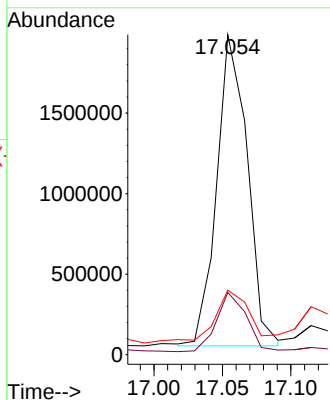
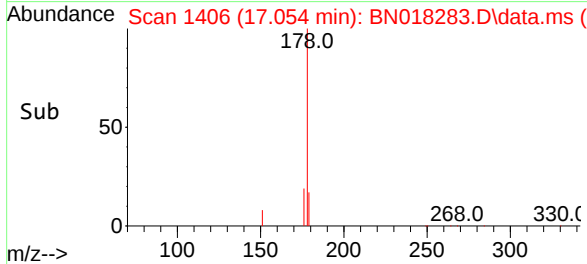
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 2992738
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 20.2 12.3 18.5

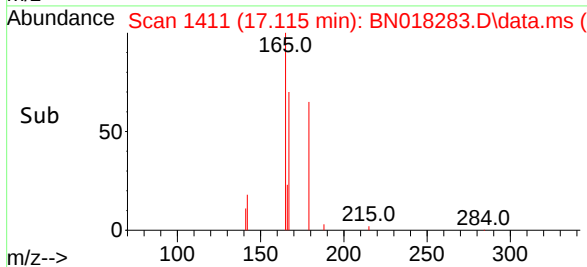
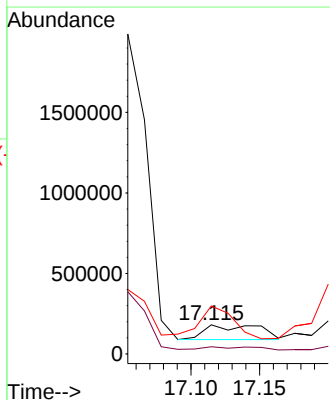
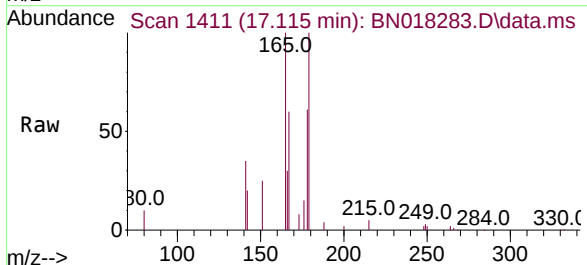
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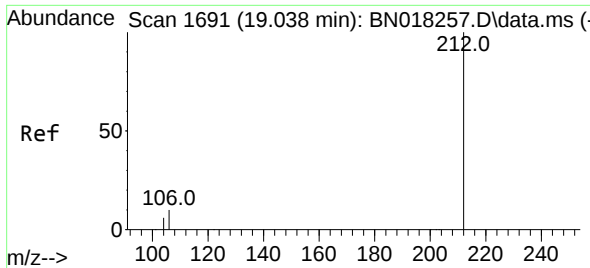
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#26
Anthracene
Concen: 0.909 ng
RT: 17.115 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

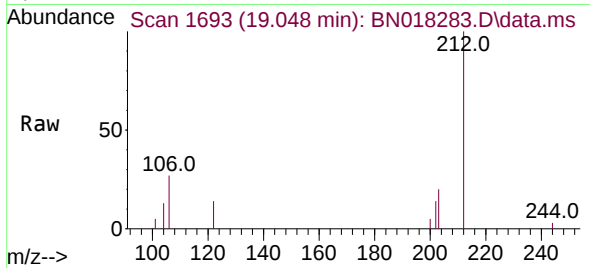
Tgt Ion:178 Resp: 249045
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 136.5 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.563 ng m
RT: 19.048 min Scan# 1691
Delta R.T. 0.010 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

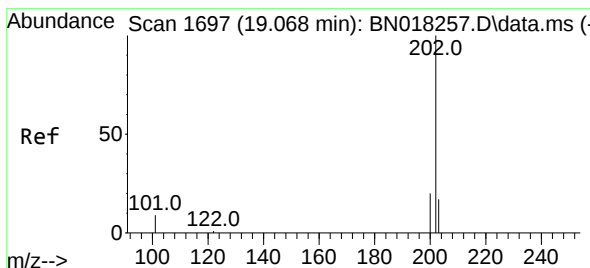
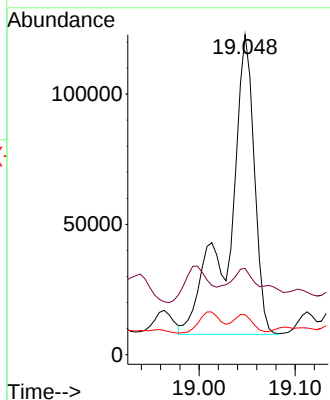
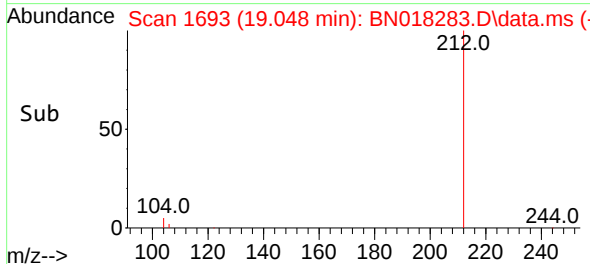
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221-FD



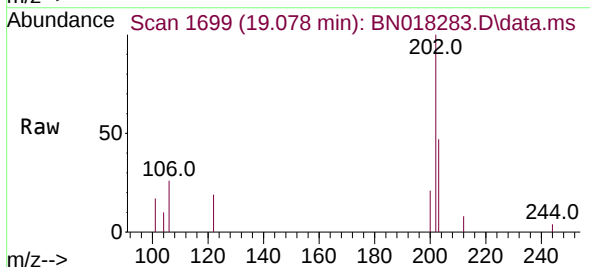
Tgt Ion:212 Resp: 21134
Ion Ratio Lower Upper
212 100
106 13.0 8.4 12.6
104 4.1 4.5 6.7

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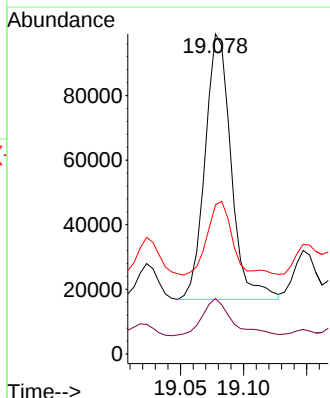
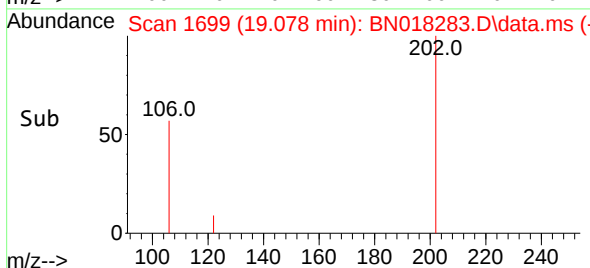
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

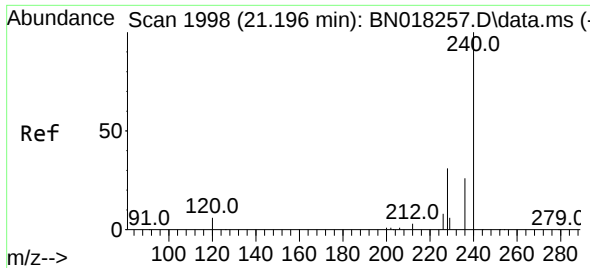


#28
Fluoranthene
Concen: 0.325 ng
RT: 19.078 min Scan# 1699
Delta R.T. 0.010 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



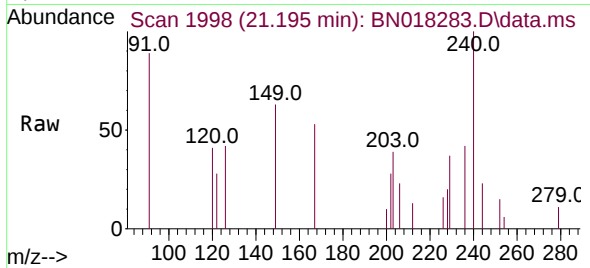
Tgt Ion:202 Resp: 118302
Ion Ratio Lower Upper
202 100
101 15.8 7.2 10.8#
203 26.5 13.7 20.5#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

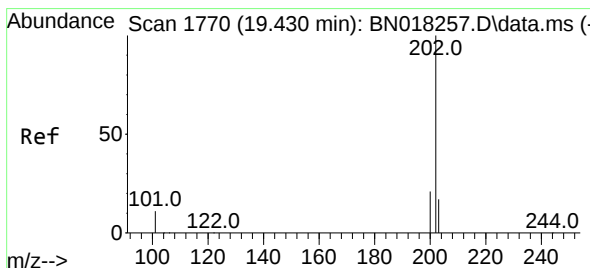
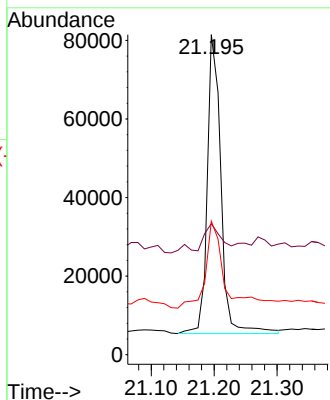
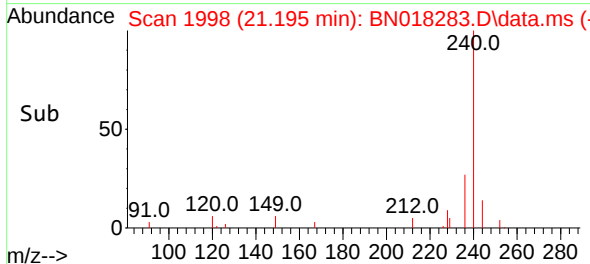
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221-FD



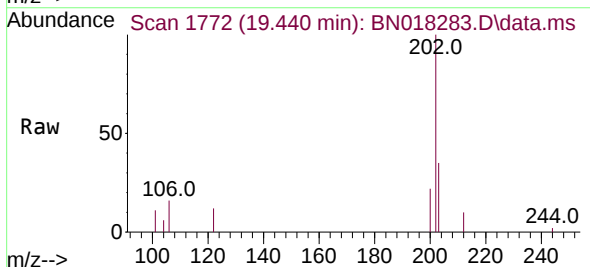
Tgt Ion:240 Resp: 113652
Ion Ratio Lower Upper
240 100
120 40.9 6.0 9.0
236 41.7 21.4 32.2

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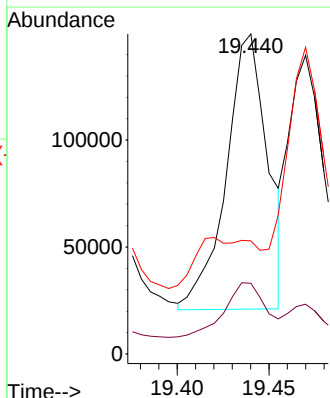
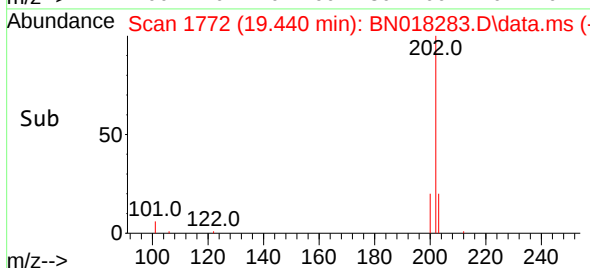
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

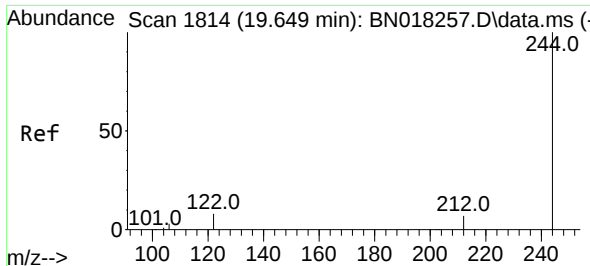


#30
Pyrene
Concen: 0.452 ng
RT: 19.440 min Scan# 1772
Delta R.T. 0.010 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



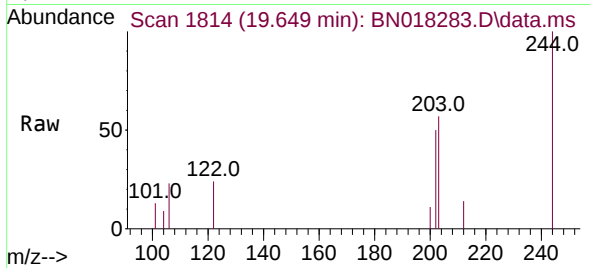
Tgt Ion:202 Resp: 201615
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 19.4 14.1 21.1





#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.649 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

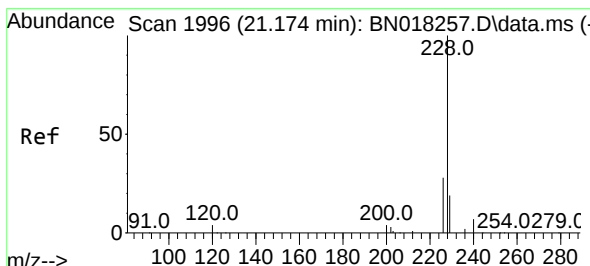
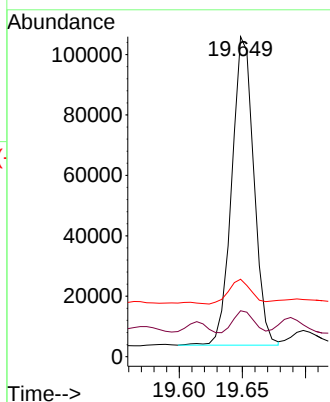
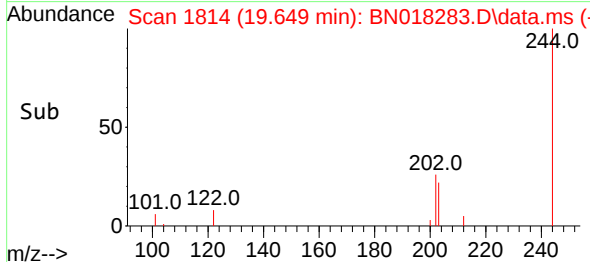
Instrument : BNA_N
 ClientSampleId : PW-B6-L10-122221-FD



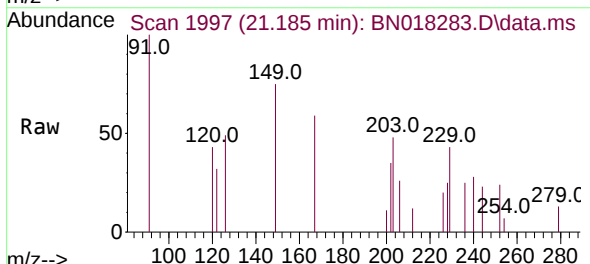
Tgt Ion:244 Resp: 124190
 Ion Ratio Lower Upper
 244 100
 212 14.4 6.2 9.2
 122 24.2 7.9 11.9

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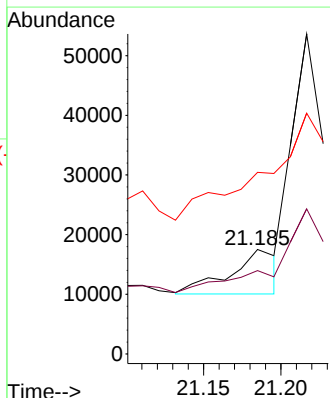
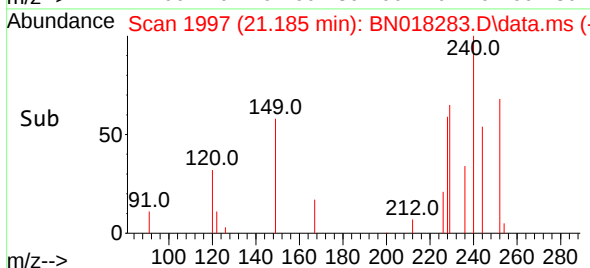
Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/30/2021

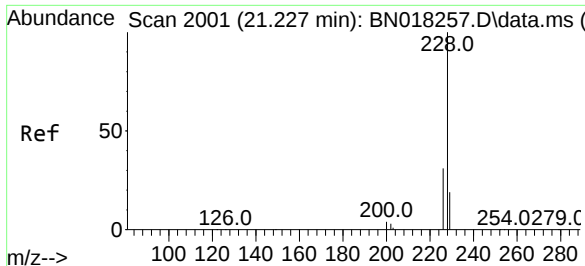


#32
 Benzo(a)anthracene
 Concen: 0.099 ng m
 RT: 21.185 min Scan# 1997
 Delta R.T. 0.011 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38



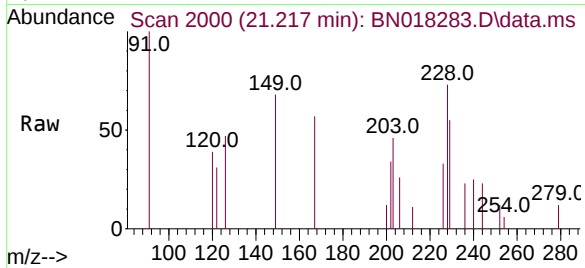
Tgt Ion:228 Resp: 15757
 Ion Ratio Lower Upper
 228 100
 226 79.7 21.3 31.9#
 229 173.6 15.9 23.9#





#33
Chrysene
Concen: 0.210 ng m
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38

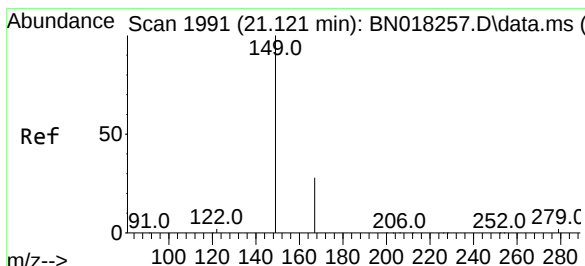
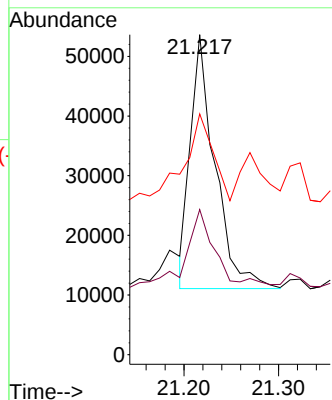
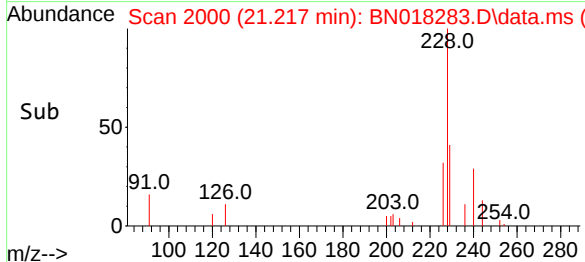
Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221-FD



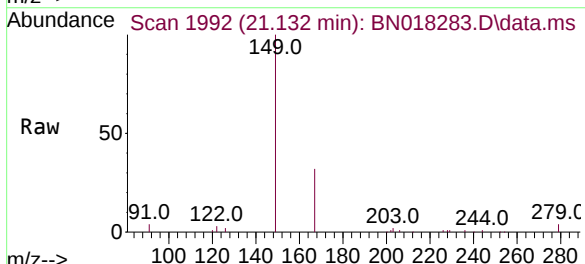
Tgt Ion:228 Resp: 76980
Ion Ratio Lower Upper
228 100
226 45.4 24.2 36.4
229 75.3 15.5 23.3

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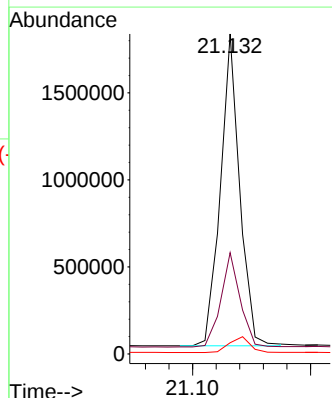
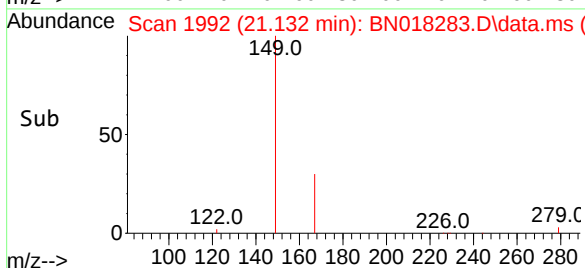
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

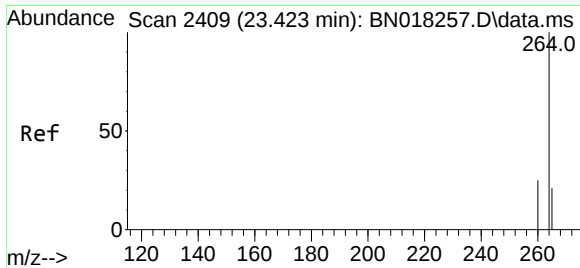


#34
Bis(2-ethylhexyl)phthalate
Concen: 14.305 ng
RT: 21.132 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BN018283.D
Acq: 30 Dec 2021 05:38



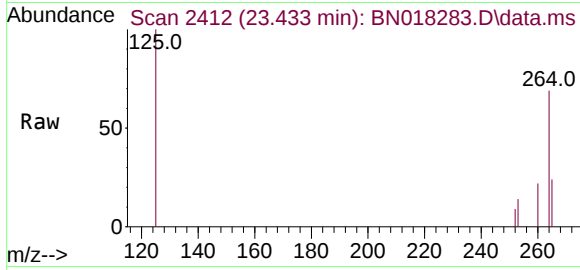
Tgt Ion:149 Resp: 2029381
Ion Ratio Lower Upper
149 100
167 30.2 23.7 35.5
279 5.4 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.433 min Scan# 24
 Delta R.T. 0.010 min
 Lab File: BN018283.D
 Acq: 30 Dec 2021 05:38

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L10-122221-FD



Tgt Ion:264 Resp: 106414
 Ion Ratio Lower Upper
 264 100
 260 31.5 20.2 30.4
 265 34.7 18.2 27.2

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 Supervised By :mohammad ahmed 12/30/2021

