

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018196.D
 Acq On : 24 Dec 2021 01:37
 Operator : CG/JU
 Sample : M5107-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-05

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 24 23:33:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 23 14:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	21334	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	92195	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	61963	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	92986	0.400	ng	# 0.01
29) Chrysene-d12	21.227	240	61415	0.400	ng	# 0.03
35) Perylene-d12	23.491	264	75443	0.400	ng	# 0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	176	0.004	ng	0.03
5) Phenol-d6	6.822	99	2108	0.042	ng	0.00
8) Nitrobenzene-d5	8.772	82	19278m	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	39736	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	149	0.184	ng	0.04
15) 2-Fluorobiphenyl	12.873	172	59789	0.258	ng	-0.01
27) Fluoranthene-d10	19.053	212	85215m	0.289	ng	0.02
31) Terphenyl-d14	19.664	244	42546	0.315	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.445	128	11583	0.051	ng	95
12) 2-Methylnaphthalene	12.065	142	6013	0.040	ng	# 93
16) Acenaphthylene	13.990	152	9843	0.043	ng	# 25
18) Fluorene	15.296	166	19199	0.097	ng	# 47
25) Phenanthrene	17.042	178	246324	0.998	ng	# 74
28) Fluoranthene	19.088	202	79399	0.276	ng	# 79
30) Pyrene	19.450	202	78809	0.400	ng	98
32) Benzo(a)anthracene	21.206	228	19081m	0.107	ng	
33) Chrysene	21.259	228	45746m	0.235	ng	
34) Bis(2-ethylhexyl)phtha...	21.153	149	655365	6.837	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.754	276	8848	0.041	ng	# 69
37) Benzo(b)fluoranthene	22.817	252	29372m	0.126	ng	
41) Benzo(g,h,i)perylene	26.442	276	13403	0.067	ng	# 1

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

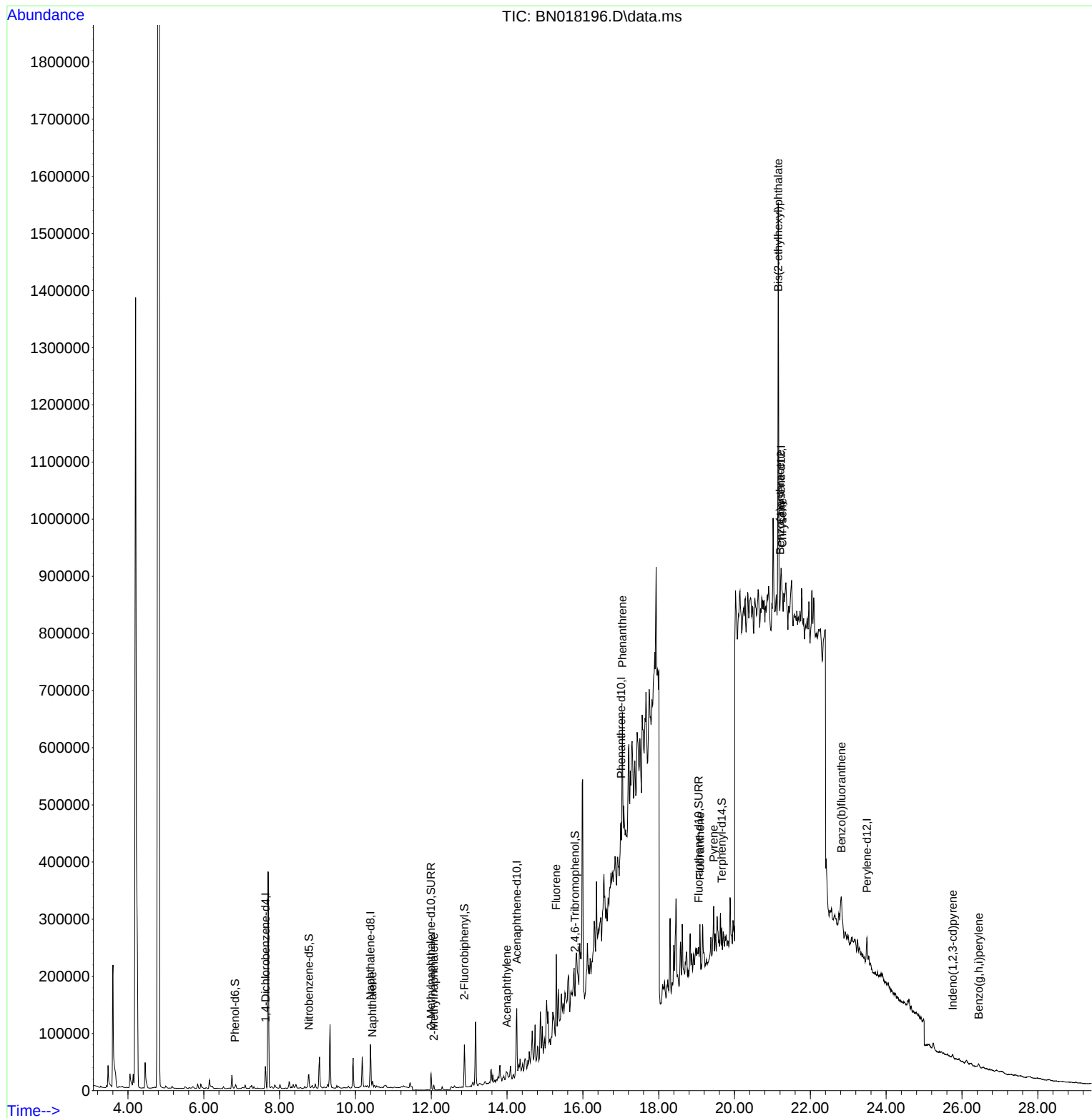
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018196.D
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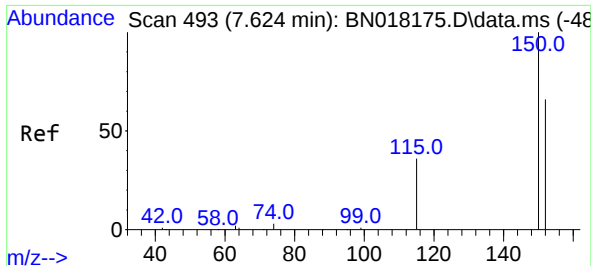
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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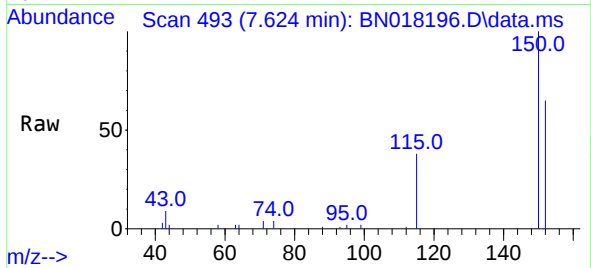
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 493
Delta R.T. 0.000 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

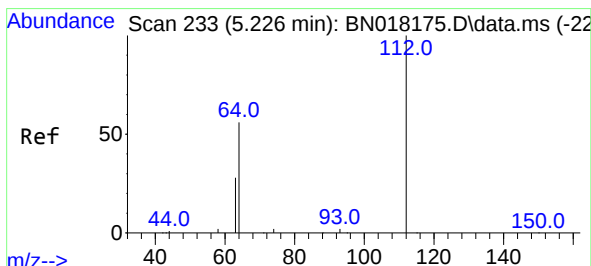
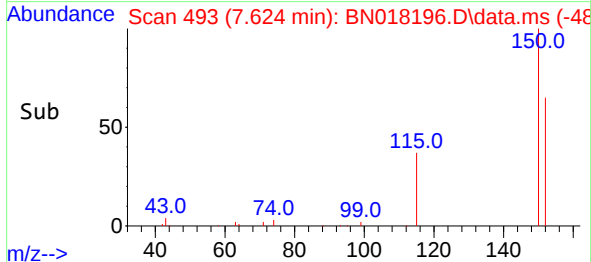
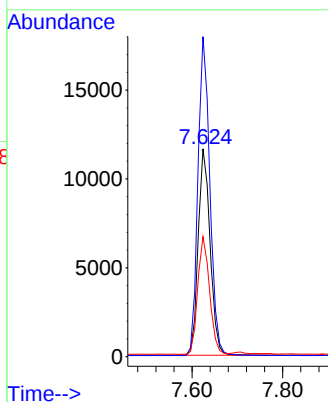
Instrument :
BNA_N
ClientSampleId :
OB-CS-05



Tgt Ion:152 Resp: 21334
Ion Ratio Lower Upper
152 100
150 153.9 121.7 182.5
115 57.7 43.8 65.8

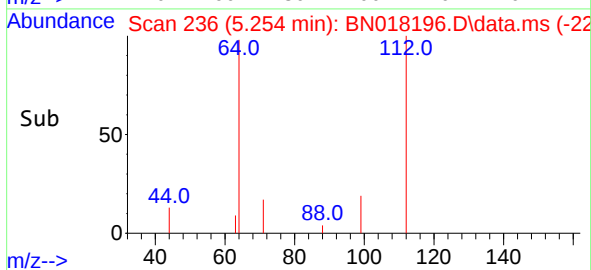
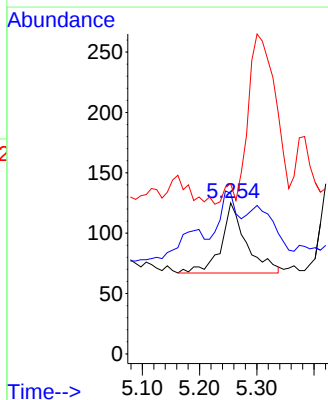
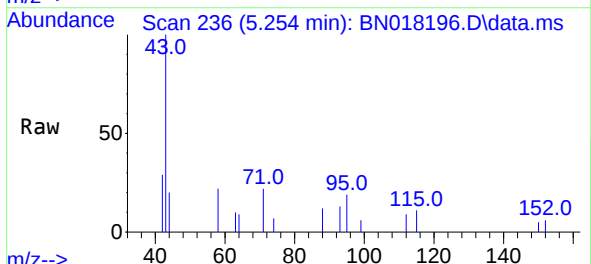
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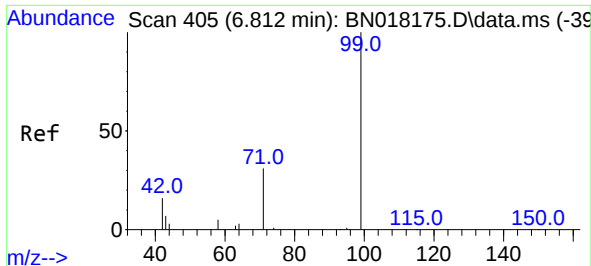
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#4
2-Fluorophenol
Concen: 0.004 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

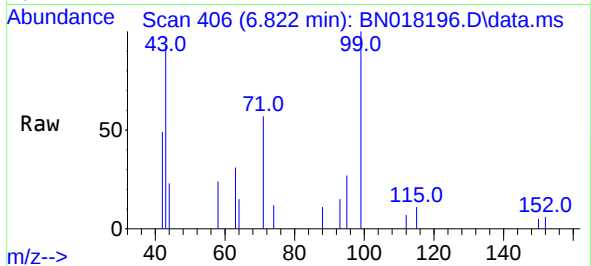
Tgt Ion:112 Resp: 176
Ion Ratio Lower Upper
112 100
64 43.2 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.042 ng
RT: 6.822 min Scan# 405
Delta R.T. 0.010 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

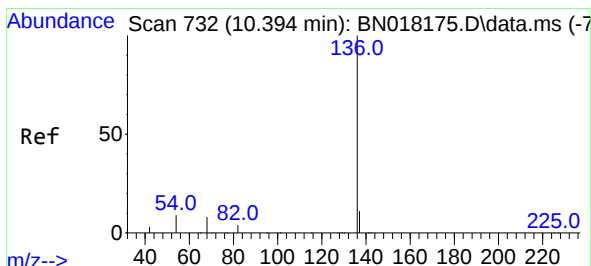
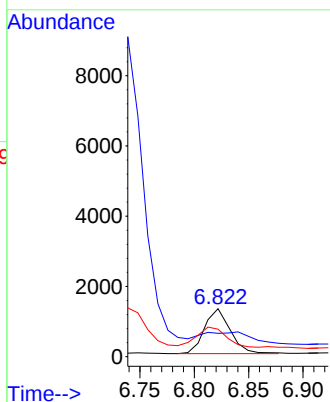
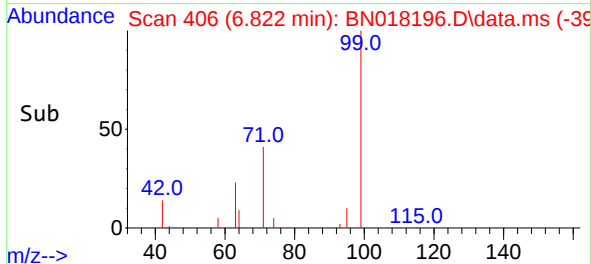
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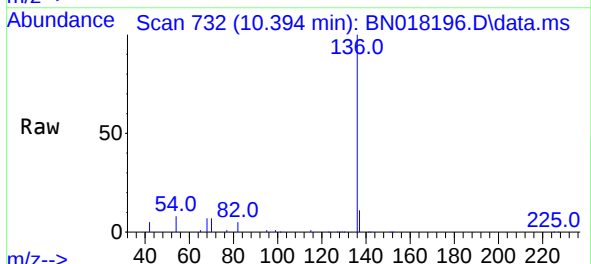
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Ion Ratio Lower Upper
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42 0.0 16.3 24.5
71 49.8 26.8 40.2

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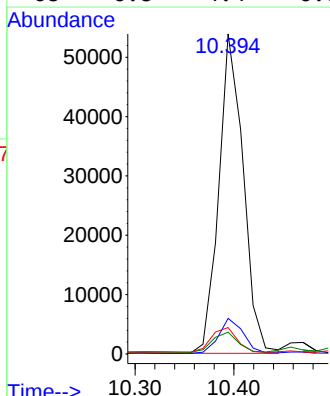
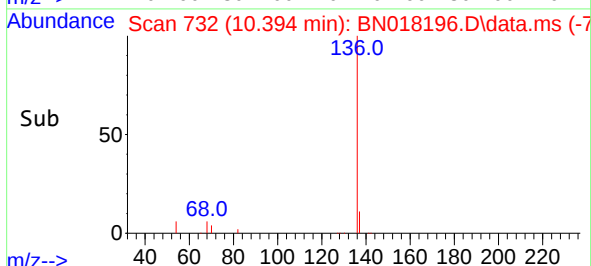
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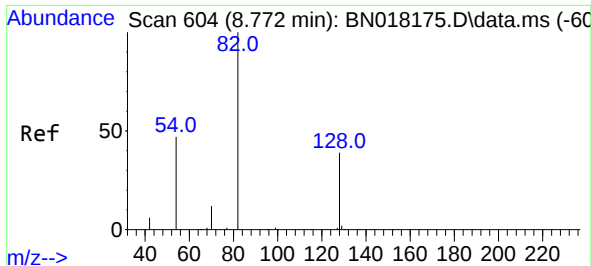


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



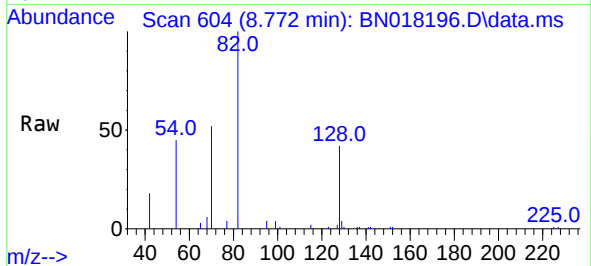
Tgt Ion:136 Resp: 92195
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.2 5.0 7.6#
68 6.8 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.311 ng m
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

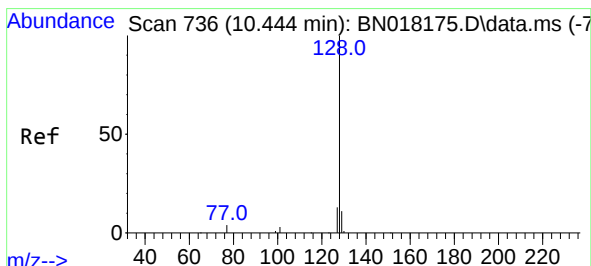
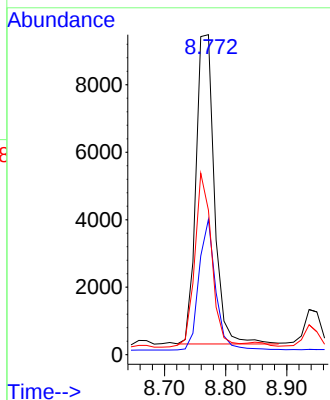
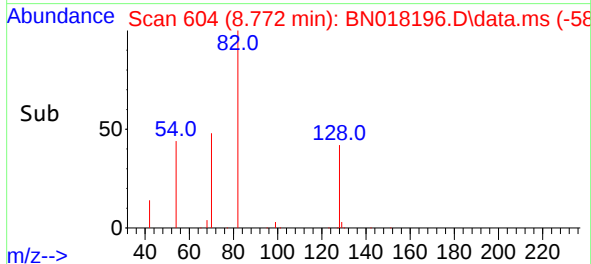
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 19278
Ion Ratio Lower Upper
82 100
128 42.3 33.7 50.5
54 45.2 36.6 55.0

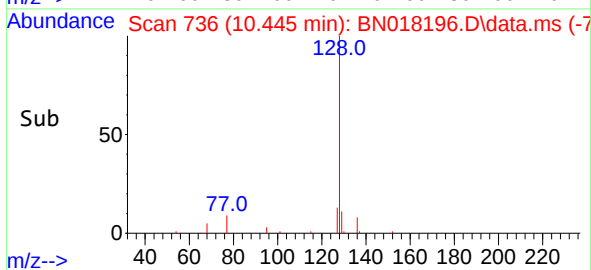
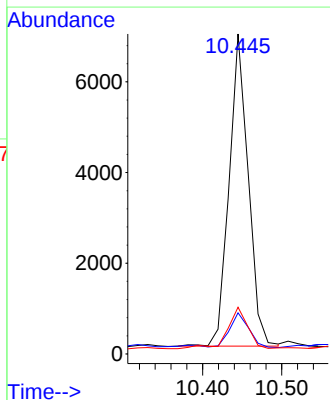
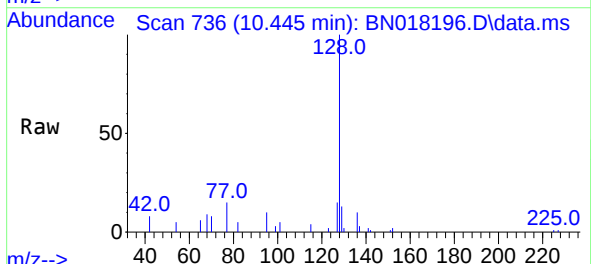
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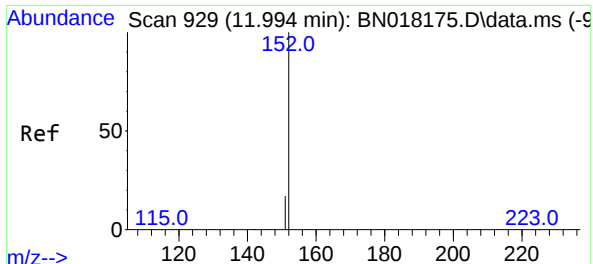
Reviewed By :Jagrut Upadhyay 12/27/2021
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#9
Naphthalene
Concen: 0.051 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.001 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

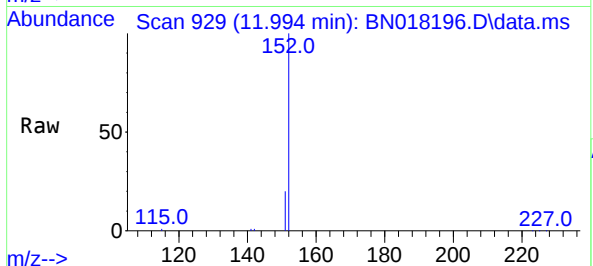
Tgt Ion:128 Resp: 11583
Ion Ratio Lower Upper
128 100
129 12.9 8.7 13.1
127 14.6 10.4 15.6





#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 11.994 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

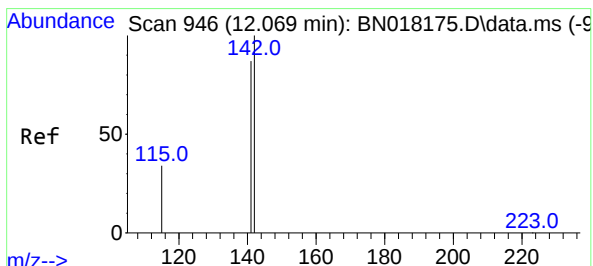
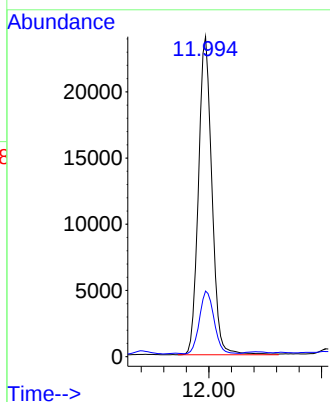
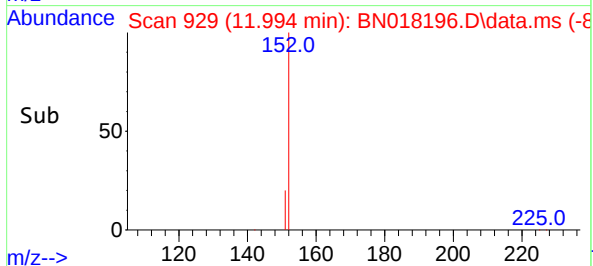
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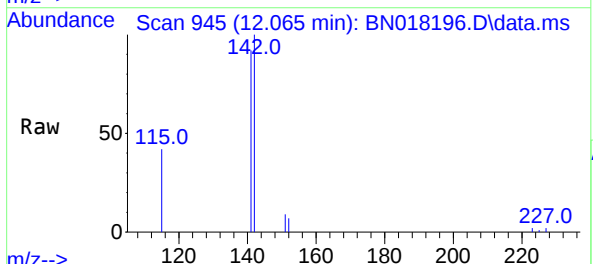
Tgt Ion:152 Resp: 39730
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2

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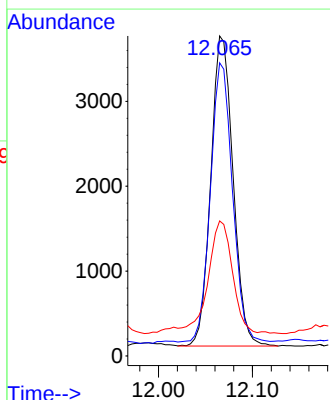
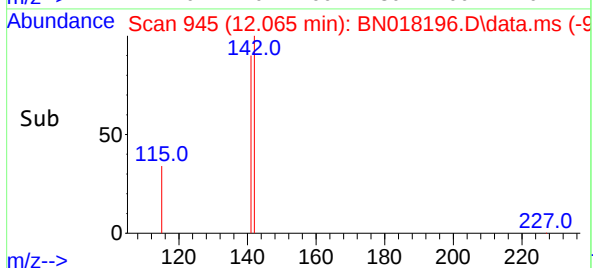
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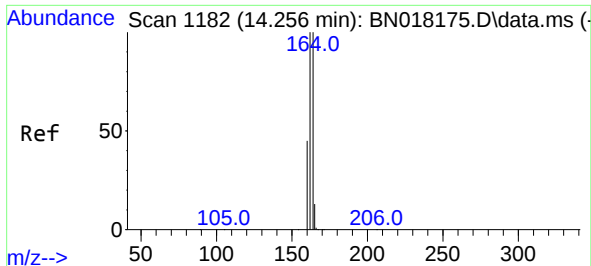


#12
2-Methylnaphthalene
Concen: 0.040 ng
RT: 12.065 min Scan# 945
Delta R.T. -0.004 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



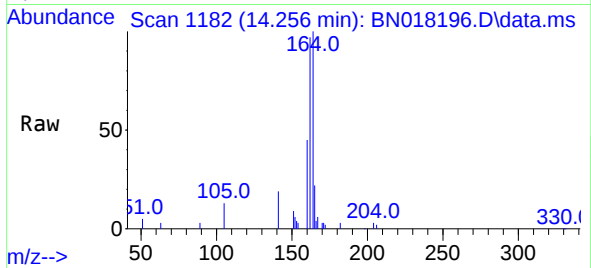
Tgt Ion:142 Resp: 6013
Ion Ratio Lower Upper
142 100
141 91.6 70.0 105.0
115 42.2 27.8 41.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

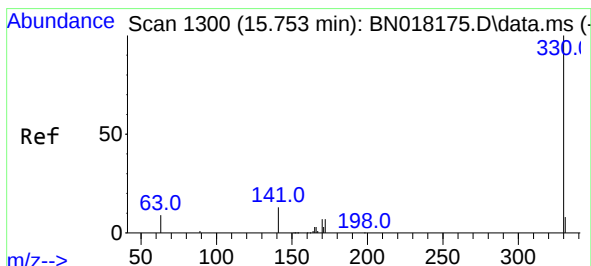
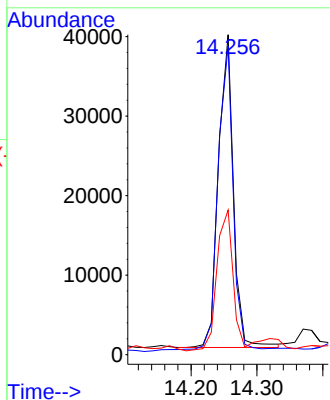
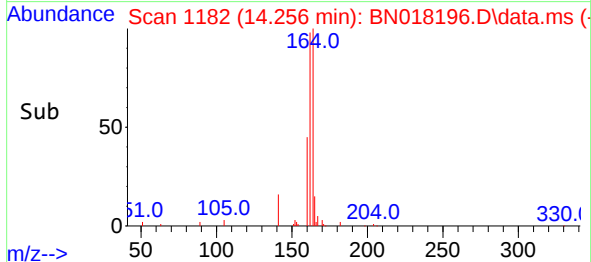
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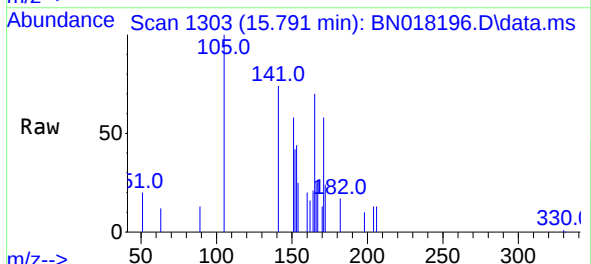
Tgt Ion:164 Resp: 6196
Ion Ratio Lower Upper
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162 96.5 80.2 120.2
160 45.2 36.9 55.3

Manual Integrations
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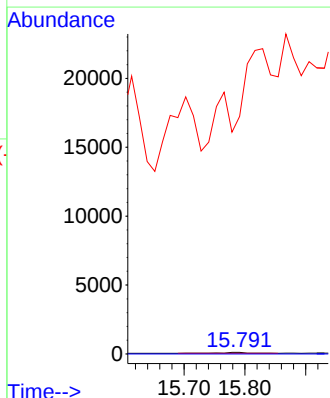
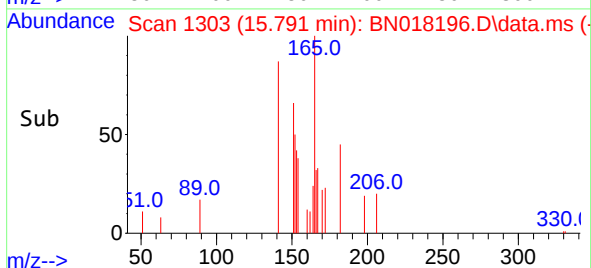
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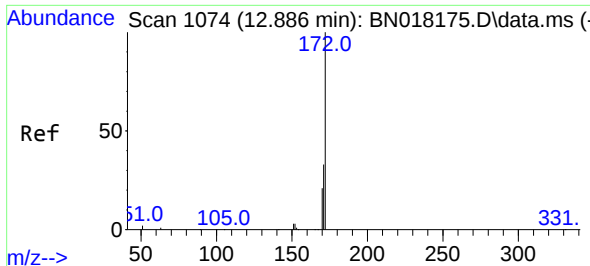


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.038 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



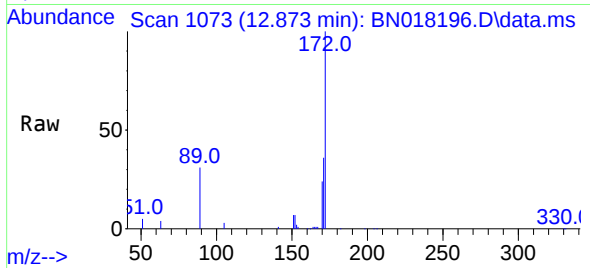
Tgt Ion:330 Resp: 149
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#





#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

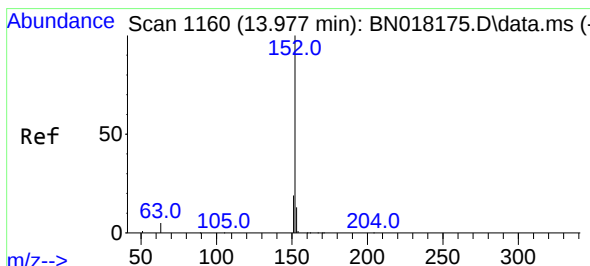
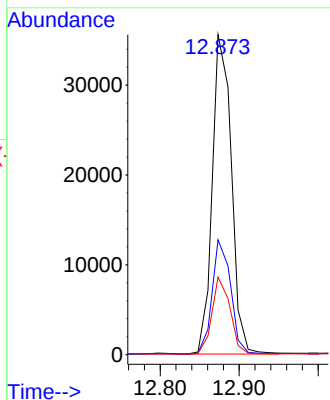
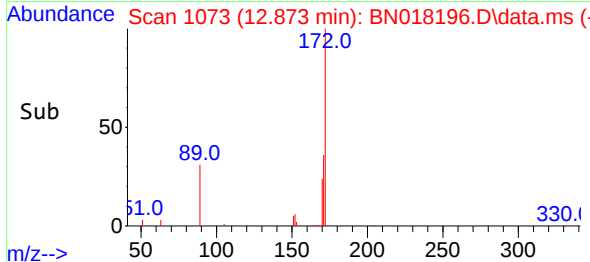
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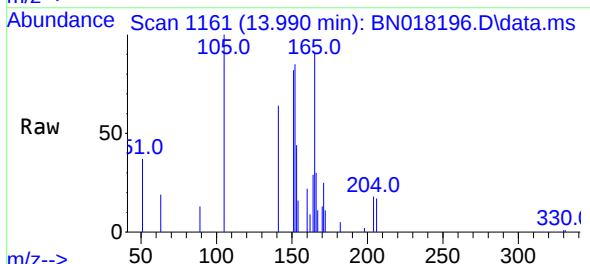
Tgt Ion:172 Resp: 59789
Ion Ratio Lower Upper
172 100
171 35.9 27.4 41.0
170 24.2 18.4 27.6

Manual Integrations
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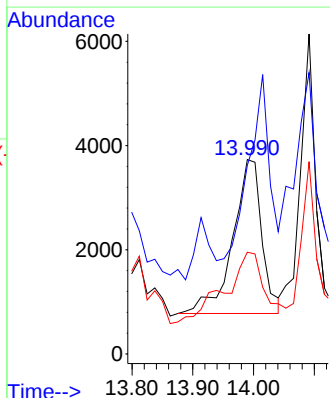
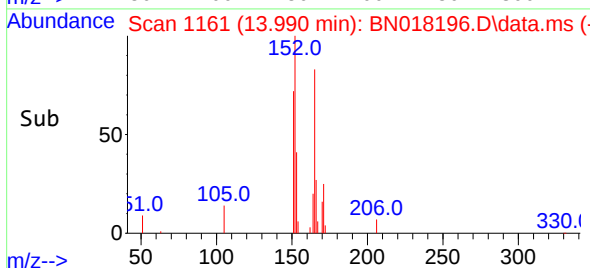
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Supervised By :mohammad ahmed 12/30/2021

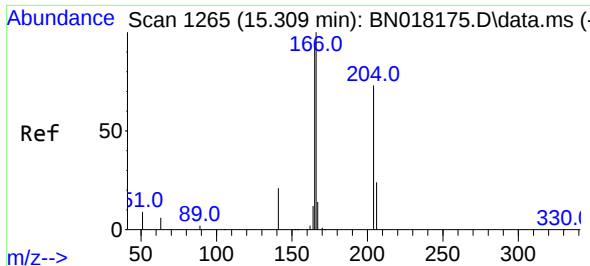


#16
Acenaphthylene
Concen: 0.043 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.013 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



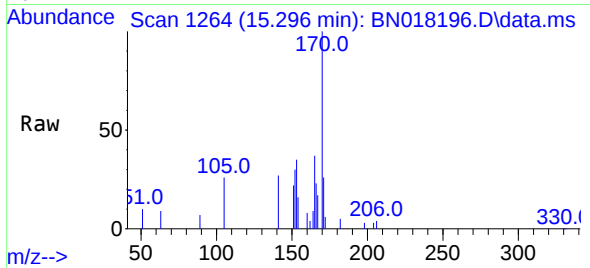
Tgt Ion:152 Resp: 9843
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.6#
153 62.1 10.5 15.7#





#18
Fluorene
Concen: 0.097 ng
RT: 15.296 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

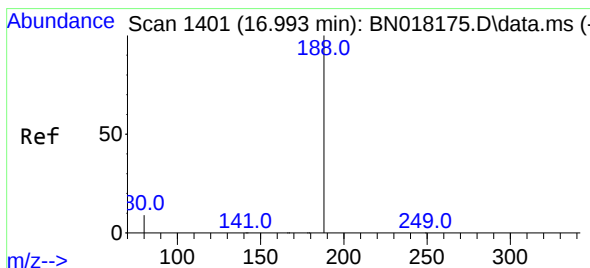
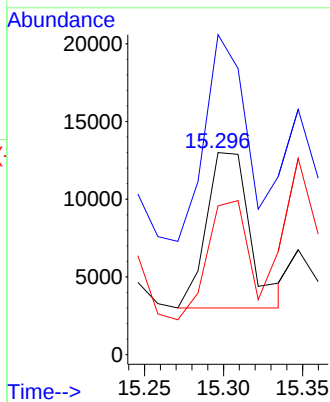
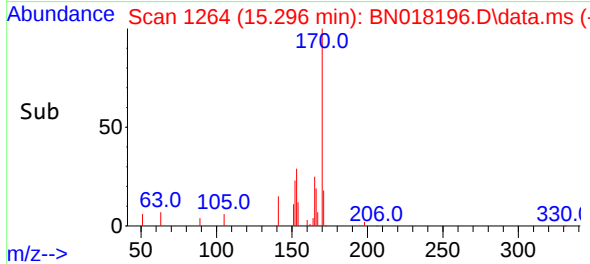
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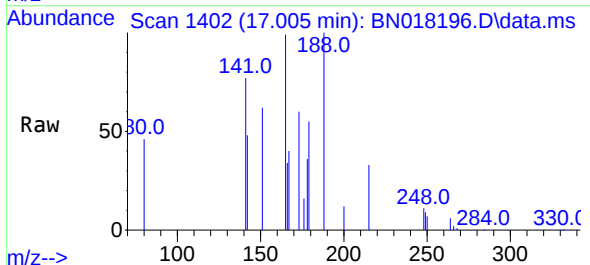
Tgt Ion:166 Resp: 1919
Ion Ratio Lower Upper
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165 136.8 77.8 116.6
167 71.4 10.9 16.3

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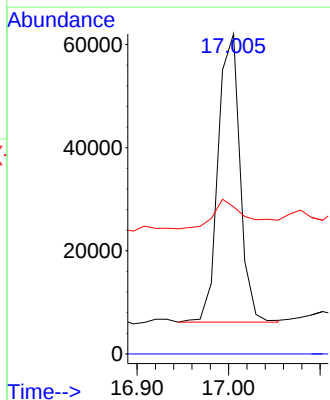
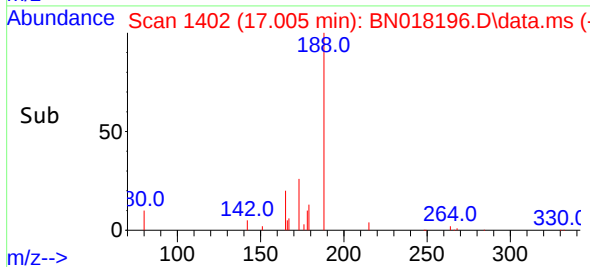
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

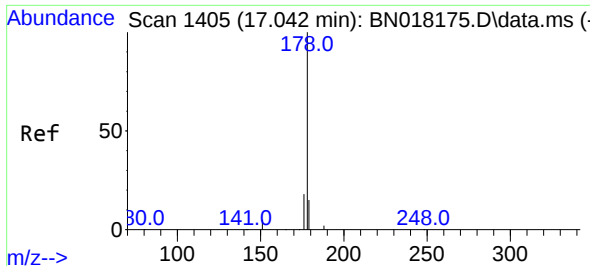


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.012 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



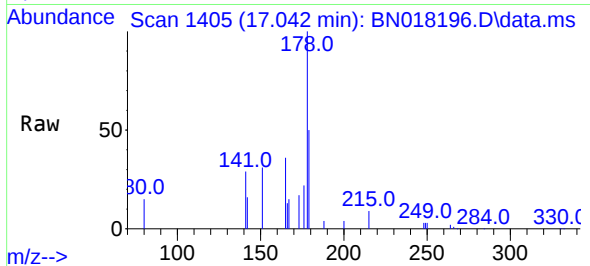
Tgt Ion:188 Resp: 92986
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 46.0 7.0 10.4





#25
Phenanthrene
Concen: 0.998 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

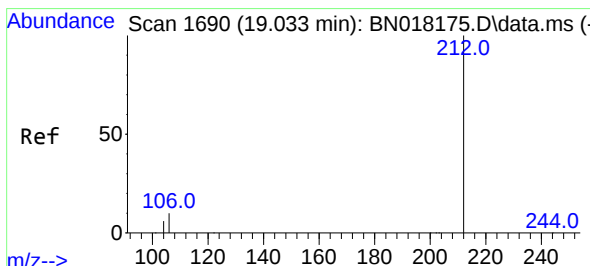
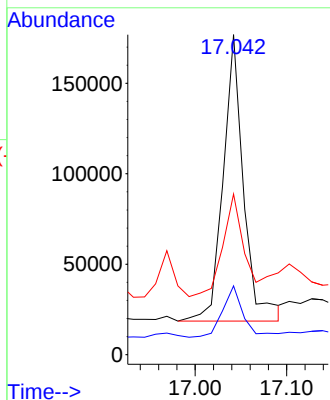
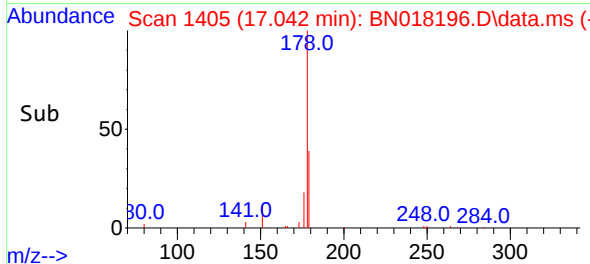
Instrument :
BNA_N
ClientSampleId :
OB-CS-05



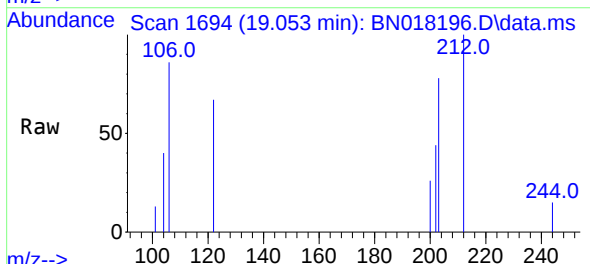
Tgt Ion:178 Resp: 246324
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 39.3 12.3 18.5

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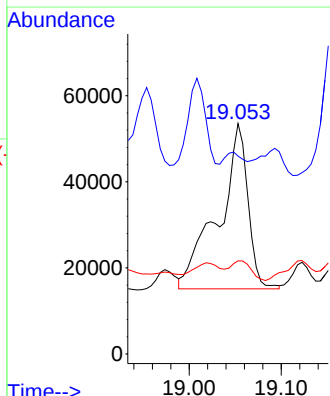
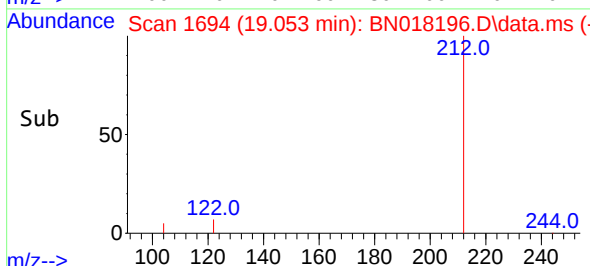
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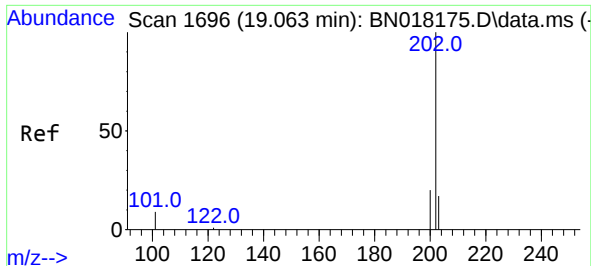


#27
Fluoranthene-d10
Concen: 0.289 ng m
RT: 19.053 min Scan# 1694
Delta R.T. 0.020 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



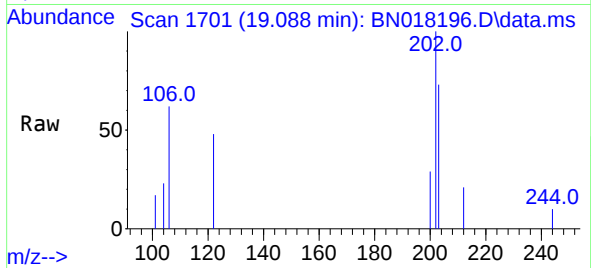
Tgt Ion:212 Resp: 85215
Ion Ratio Lower Upper
212 100
106 5.0 8.4 12.6#
104 8.2 4.5 6.7#





#28
Fluoranthene
Concen: 0.276 ng
RT: 19.088 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

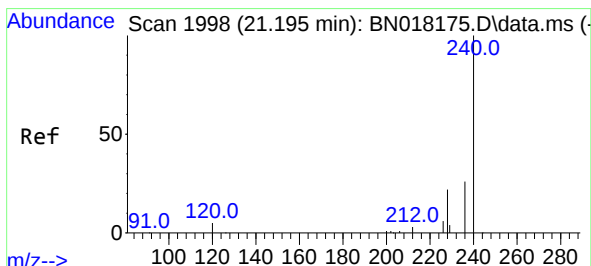
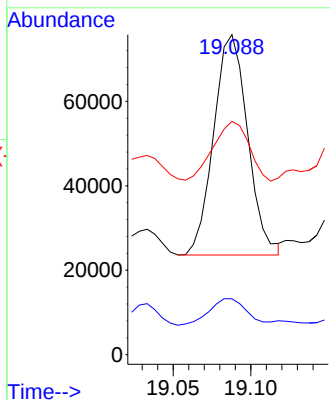
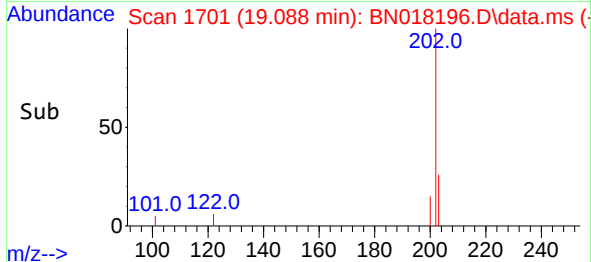
Instrument :
BNA_N
ClientSampleId :
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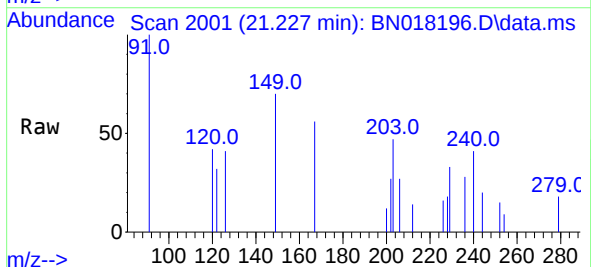
Tgt Ion:202 Resp: 79395
Ion Ratio Lower Upper
202 100
101 13.1 7.2 10.8#
203 28.4 13.7 20.5#

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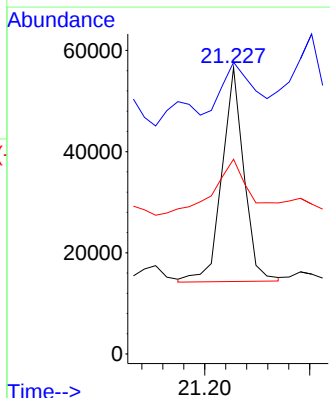
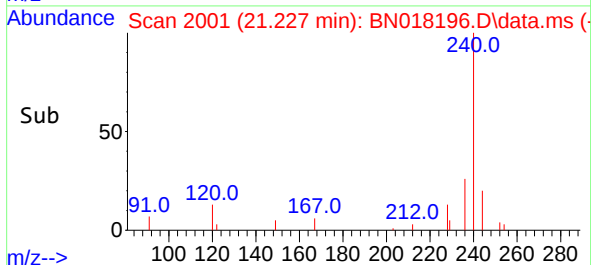
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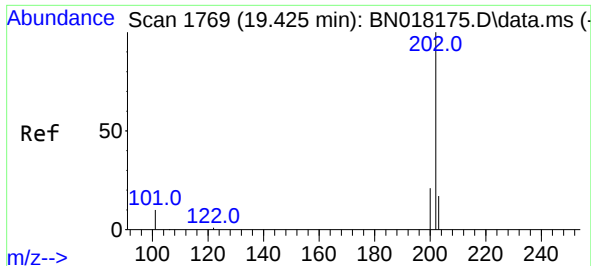


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.032 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



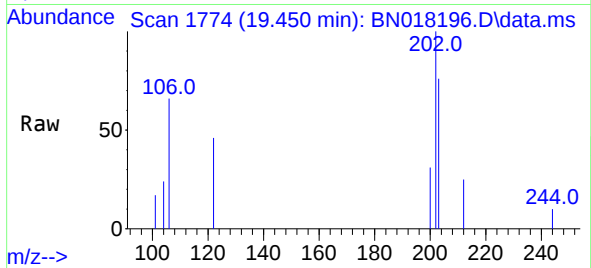
Tgt Ion:240 Resp: 61415
Ion Ratio Lower Upper
240 100
120 101.8 6.0 9.0#
236 68.0 21.4 32.2#





#30
Pyrene
Concen: 0.400 ng
RT: 19.450 min Scan# 1774
Delta R.T. 0.025 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

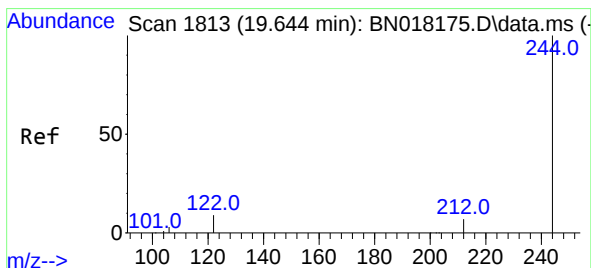
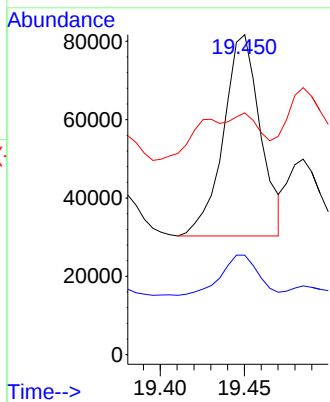
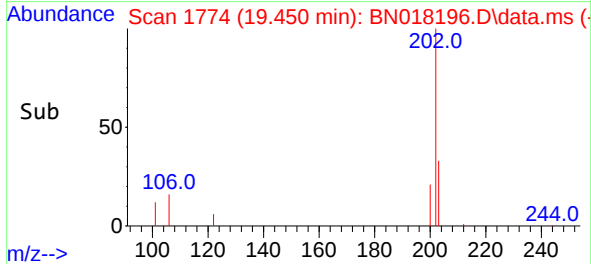
Instrument :
BNA_N
ClientSampleId :
OB-CS-05



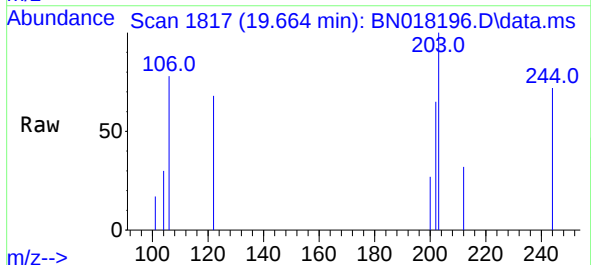
Tgt Ion:202 Resp: 78809
Ion Ratio Lower Upper
202 100
200 20.0 16.6 25.0
203 16.2 14.1 21.1

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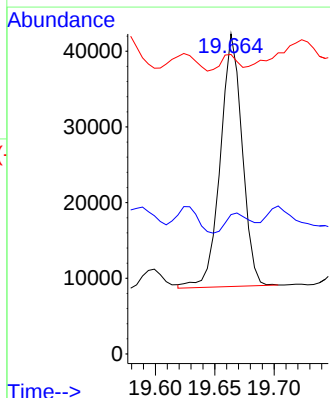
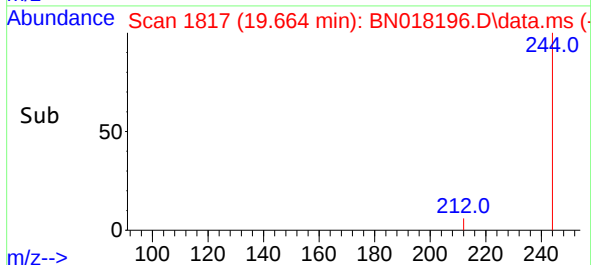
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

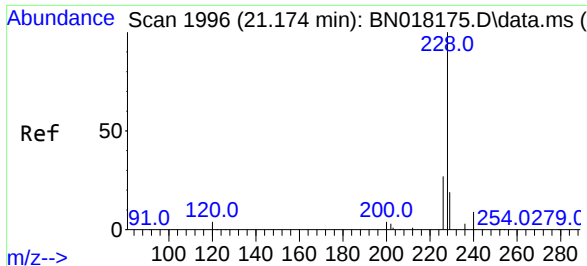


#31
Terphenyl-d14
Concen: 0.315 ng
RT: 19.664 min Scan# 1817
Delta R.T. 0.020 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



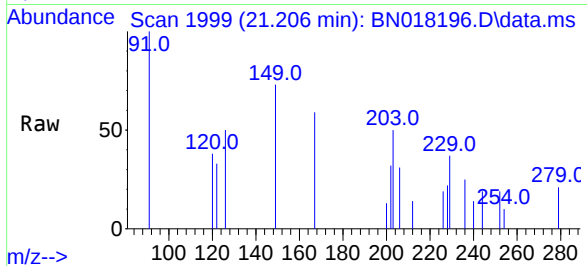
Tgt Ion:244 Resp: 42546
Ion Ratio Lower Upper
244 100
212 43.6 6.2 9.2#
122 93.6 7.9 11.9#





#32
Benzo(a)anthracene
Concen: 0.107 ng m
RT: 21.206 min Scan# 1999
Delta R.T. 0.032 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

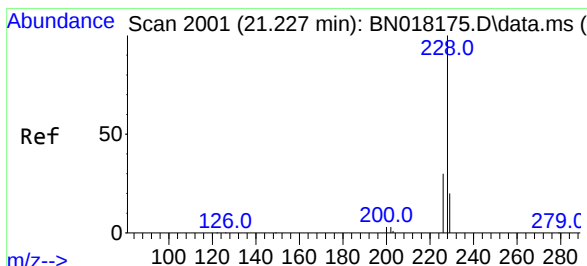
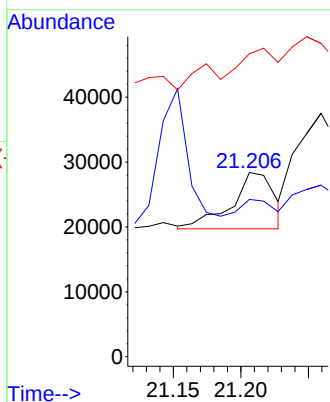
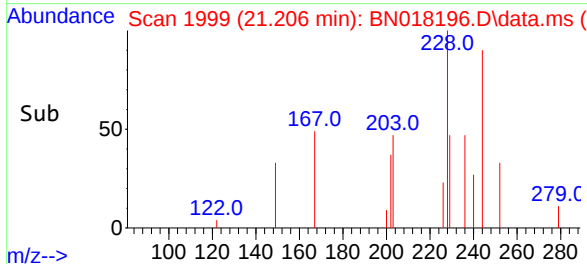
Instrument :
BNA_N
ClientSampleId :
OB-CS-05



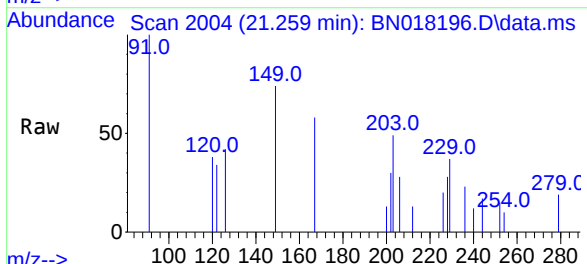
Tgt Ion:228 Resp: 1908
Ion Ratio Lower Upper
228 100
226 85.4 21.3 31.9#
229 164.5 15.9 23.9#

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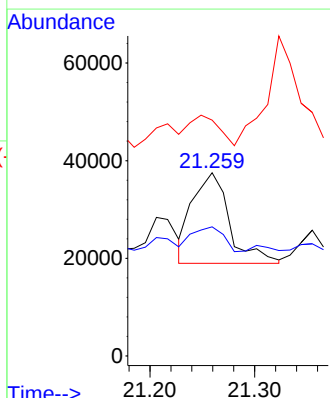
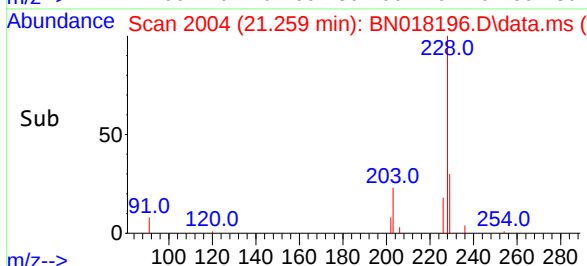
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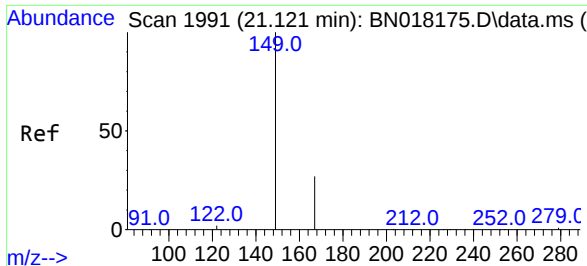


#33
Chrysene
Concen: 0.235 ng m
RT: 21.259 min Scan# 2004
Delta R.T. 0.032 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



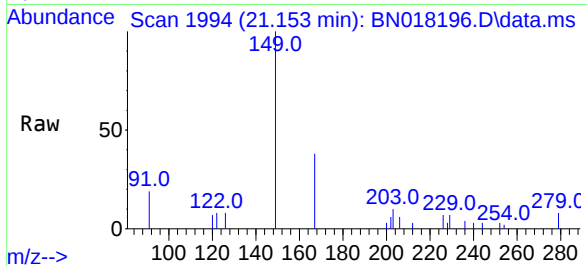
Tgt Ion:228 Resp: 45746
Ion Ratio Lower Upper
228 100
226 70.5 24.2 36.4#
229 128.8 15.5 23.3#





#34
Bis(2-ethylhexyl)phthalate
Concen: 6.837 ng
RT: 21.153 min Scan# 1994
Delta R.T. 0.032 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

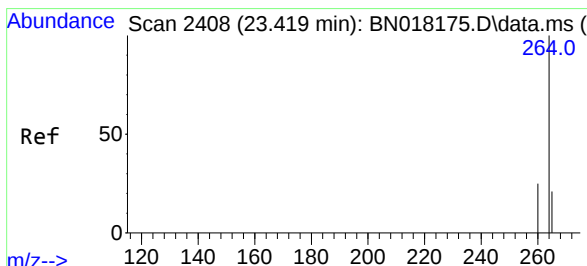
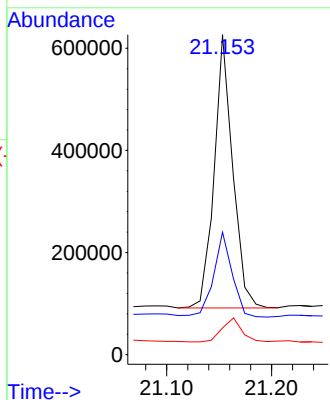
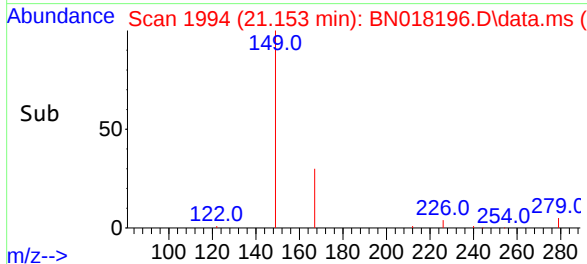
Instrument :
BNA_N
ClientSampleId :
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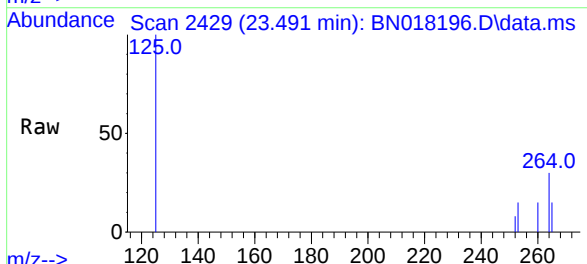
Tgt Ion:149 Resp: 65536
Ion Ratio Lower Upper
149 100
167 31.2 23.7 35.5
279 9.2 3.6 5.4

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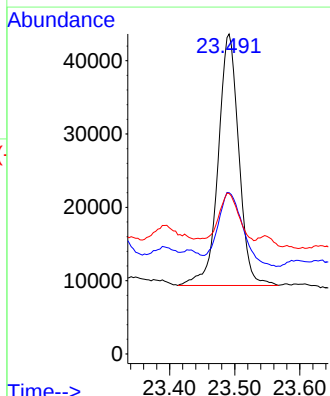
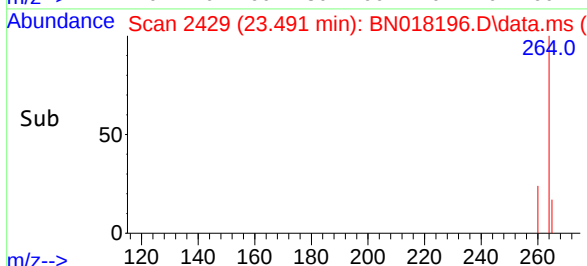
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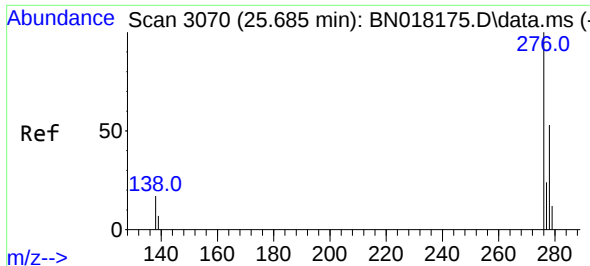


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2429
Delta R.T. 0.072 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



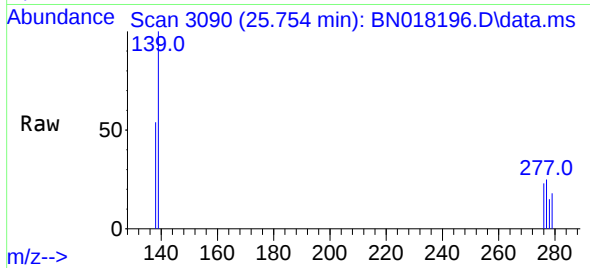
Tgt Ion:264 Resp: 75443
Ion Ratio Lower Upper
264 100
260 50.4 20.2 30.4#
265 50.1 18.2 27.2#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng
RT: 25.754 min Scan# 3070
Delta R.T. 0.069 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

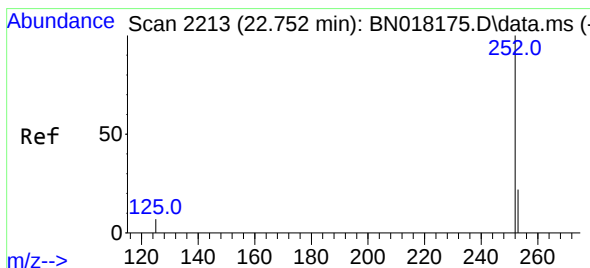
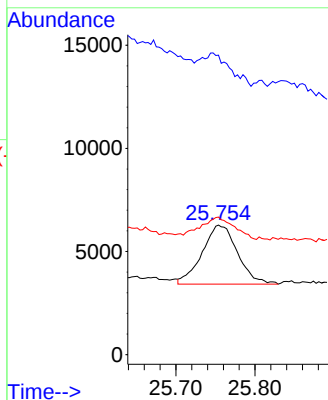
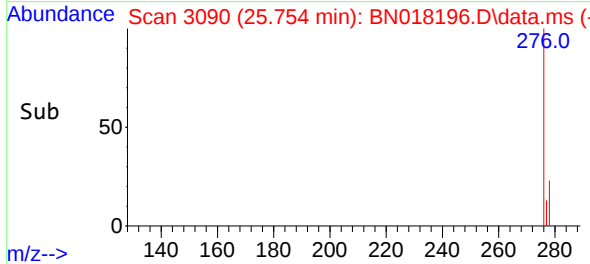
Instrument :
BNA_N
ClientSampleId :
OB-CS-05



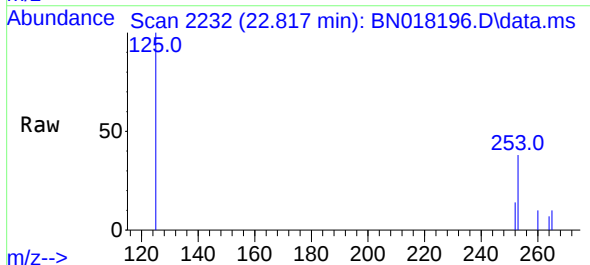
Tgt Ion:276 Resp: 8848
Ion Ratio Lower Upper
276 100
138 0.0 14.9 22.3#
277 36.8 19.9 29.9#

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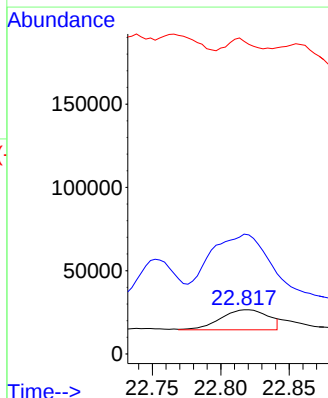
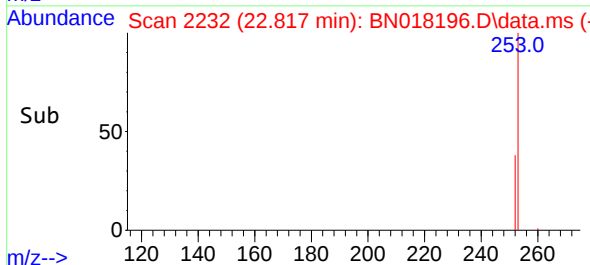
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

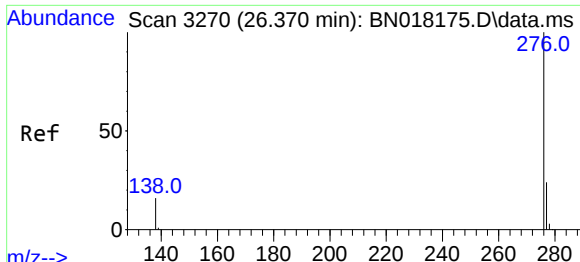


#37
Benzo(b)fluoranthene
Concen: 0.126 ng m
RT: 22.817 min Scan# 2232
Delta R.T. 0.065 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37



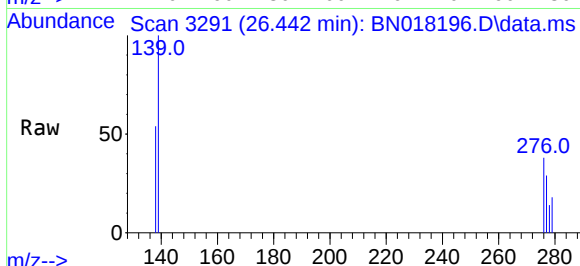
Tgt Ion:252 Resp: 29372
Ion Ratio Lower Upper
252 100
253 271.3 17.8 26.6#
125 707.4 6.0 9.0#





#41
Benzo(g,h,i)perylene
Concen: 0.067 ng
RT: 26.442 min Scan# 31
Delta R.T. 0.072 min
Lab File: BN018196.D
Acq: 24 Dec 2021 01:37

Instrument :
BNA_N
ClientSampleId :
OB-CS-05



Tgt Ion:276 Resp: 1340
Ion Ratio Lower Upper
276 100
277 77.0 19.0 28.6
138 140.3 12.6 19.0

Manual Integrations
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