

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018198.D
 Acq On : 24 Dec 2021 02:49
 Operator : CG/JU
 Sample : M5107-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:33:55 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	25320	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	110492	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	72433	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	143463	0.400	ng	0.00
29) Chrysene-d12	21.195	240	95836	0.400	ng	# 0.00
35) Perylene-d12	23.436	264	116001	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	59	0.001	ng	0.03
5) Phenol-d6	6.831	99	142	0.002	ng	0.02
8) Nitrobenzene-d5	8.771	82	18617m	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	37722	0.199	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	115	0.183	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	56527	0.209	ng	-0.01
27) Fluoranthene-d10	19.033	212	80482	0.177	ng	0.00
31) Terphenyl-d14	19.643	244	57121	0.271	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.444	128	123297	0.452	ng	99
12) 2-Methylnaphthalene	12.065	142	66220	0.368	ng	98
25) Phenanthrene	17.029	178	89497m	0.235	ng	
28) Fluoranthene	19.063	202	75696	0.170	ng	97
30) Pyrene	19.425	202	59673	0.194	ng	98
32) Benzo(a)anthracene	21.185	228	14522	0.052	ng	# 1
33) Chrysene	21.227	228	35276	0.116	ng	# 47
34) Bis(2-ethylhexyl)phtha...	21.131	149	321181	2.329	ng	96
36) Indeno(1,2,3-cd)pyrene	25.706	276	7961	0.024	ng	# 82
37) Benzo(b)fluoranthene	22.765	252	27943m	0.078	ng	
38) Benzo(k)fluoranthene	22.796	252	8005m	0.022	ng	
39) Benzo(a)pyrene	23.337	252	7482	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	25.716	278	2450	0.038	ng	# 1
41) Benzo(g,h,i)perylene	26.397	276	12175	0.039	ng	# 1

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

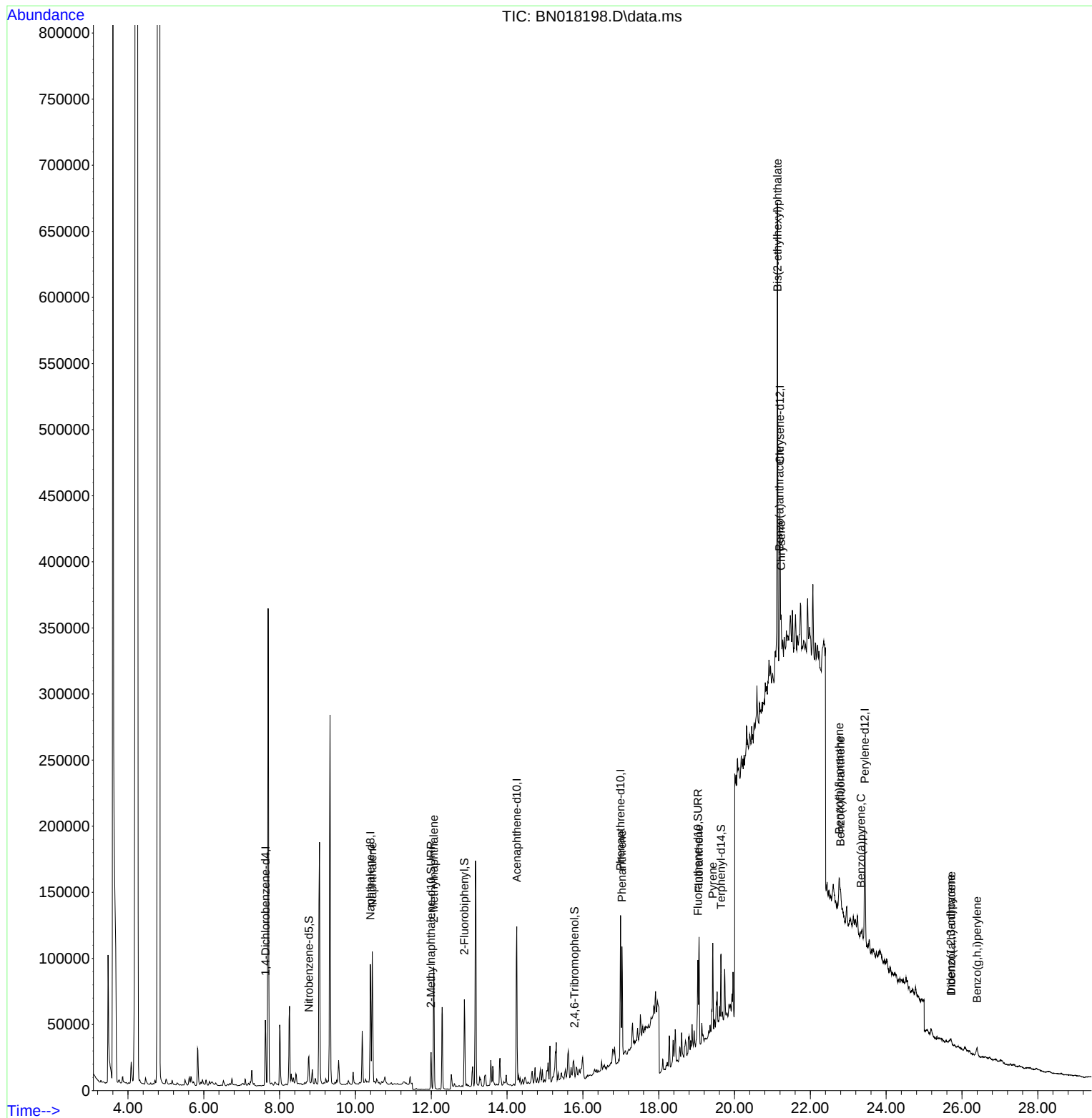
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018198.D
Acq On : 24 Dec 2021 02:49
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ALS Vial : 27 Sample Multiplier: 1

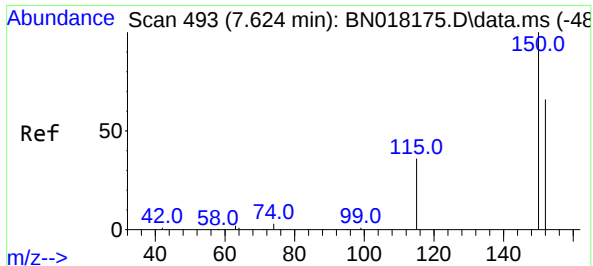
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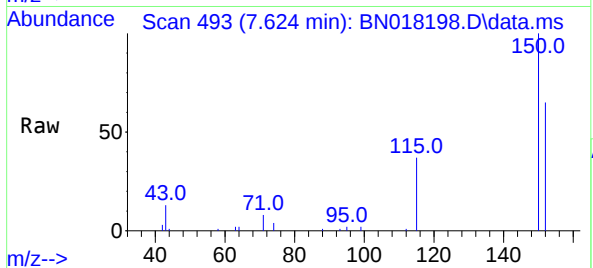
Quant Time: Dec 24 23:33:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

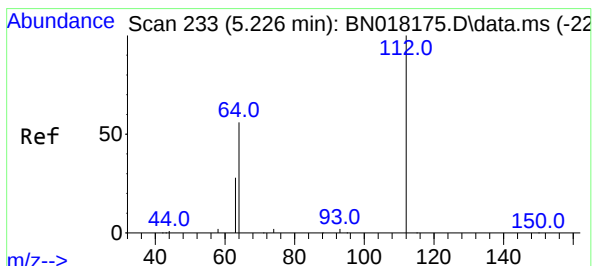
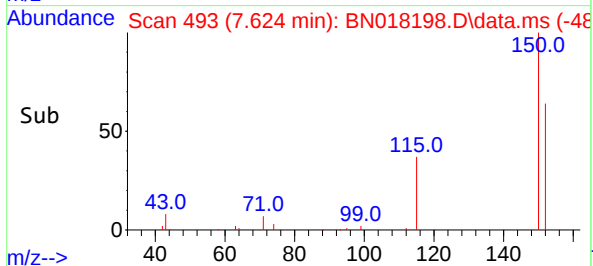
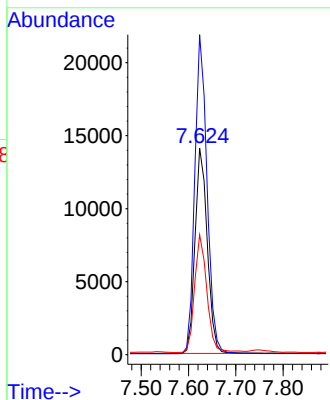
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



Tgt Ion:152 Resp: 25320
Ion Ratio Lower Upper
152 100
150 154.8 121.7 182.5
115 58.0 43.8 65.8

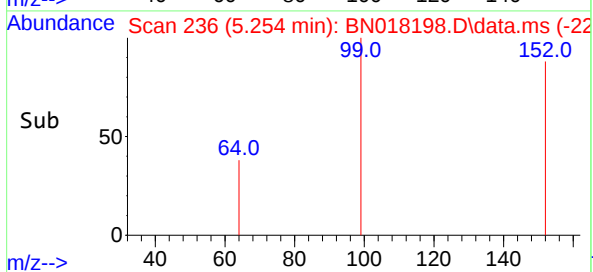
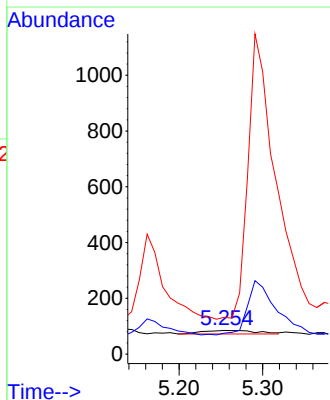
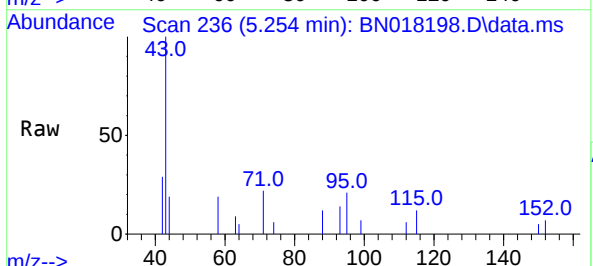
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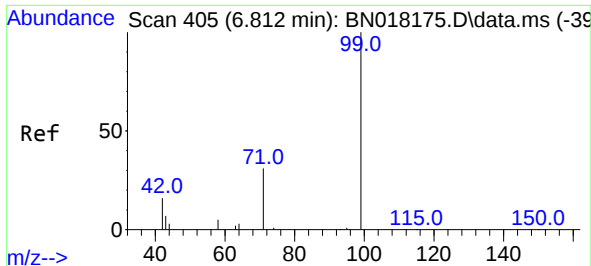
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

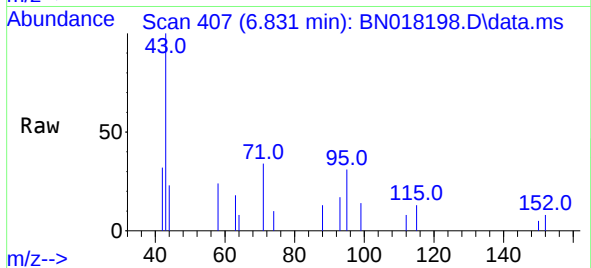
Tgt Ion:112 Resp: 59
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.002 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.019 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

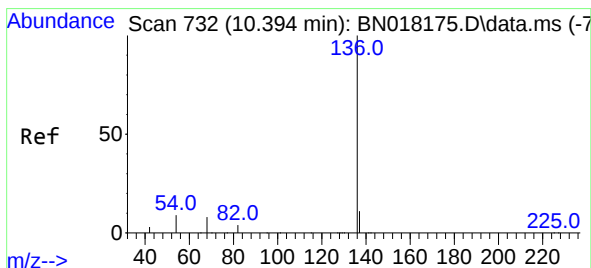
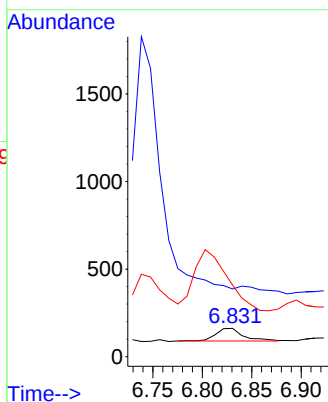
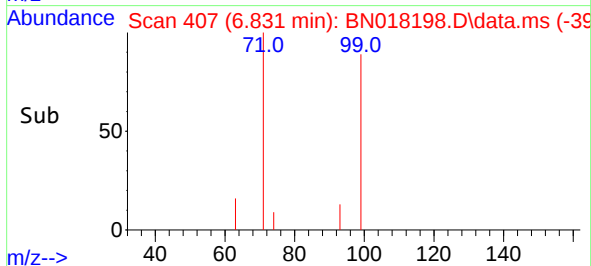
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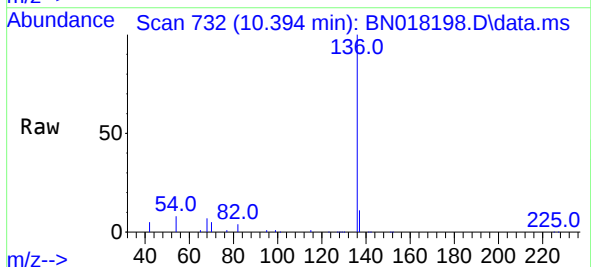
Tgt Ion: 99 Resp: 142
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 0.0 26.8 40.2

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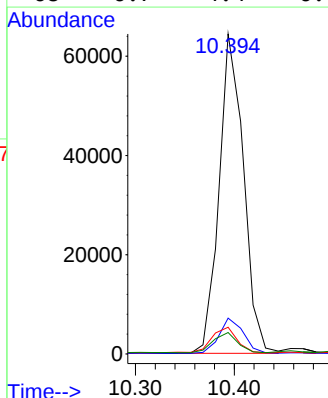
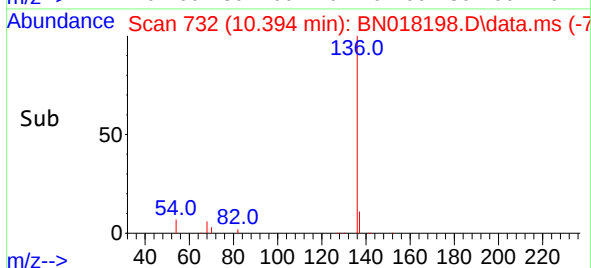
Reviewed By :Jagrut Upadhyay 12/27/2021
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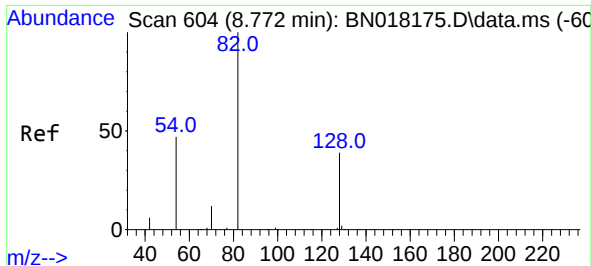


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



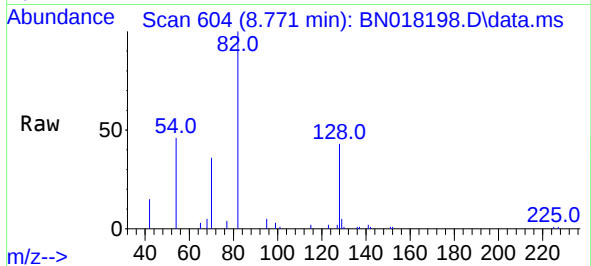
Tgt Ion:136 Resp: 110492
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 5.0 7.6#
68 6.7 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.250 ng m
RT: 8.771 min Scan# 604
Delta R.T. -0.001 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

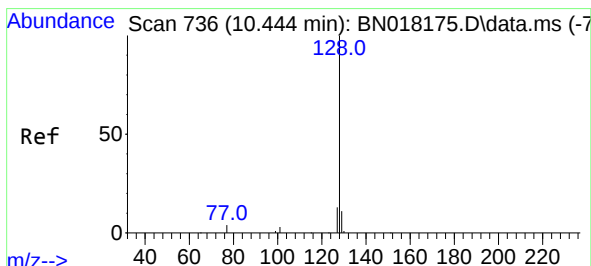
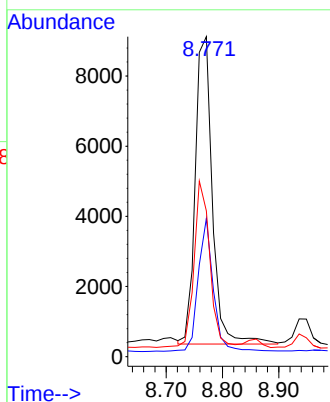
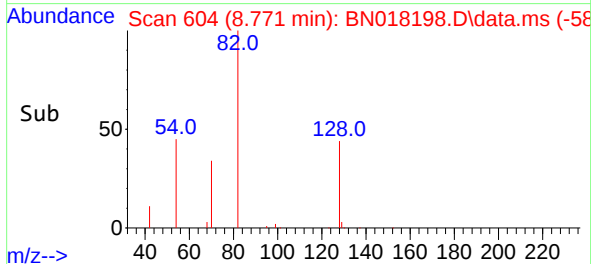
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 1861
Ion Ratio Lower Upper
82 100
128 43.2 33.7 50.5
54 45.6 36.6 55.0

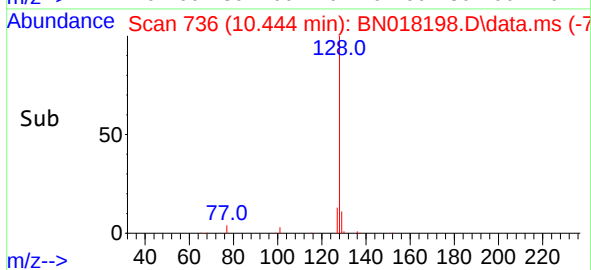
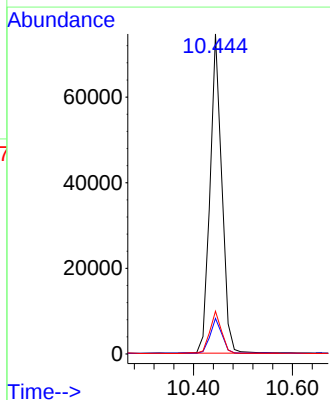
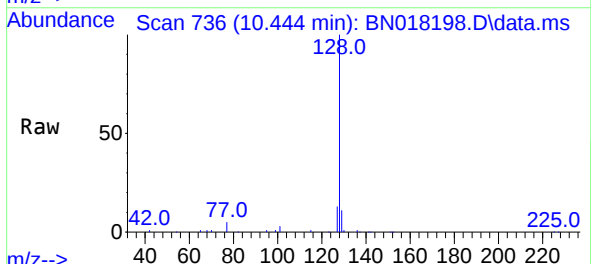
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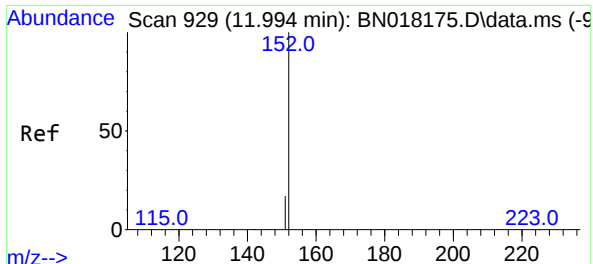
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.452 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Tgt Ion:128 Resp: 123297
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.4 15.6





#11

2-Methylnaphthalene-d10

Concen: 0.199 ng

RT: 11.994 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN018198.D

Acq: 24 Dec 2021 02:49

Instrument :

BNA_N

ClientSampleId :

OB-CS-07

Tgt Ion:152 Resp: 3772

Ion Ratio Lower Upper

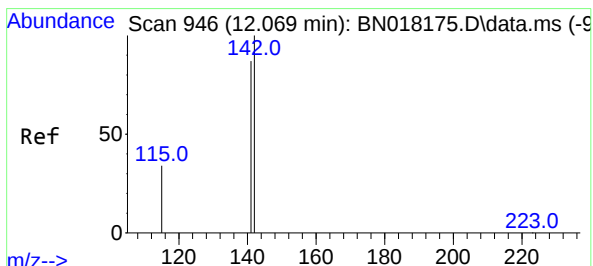
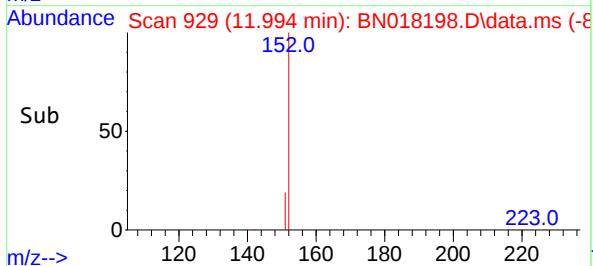
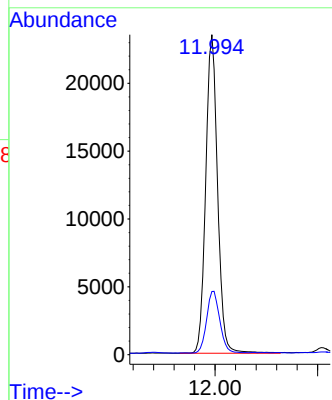
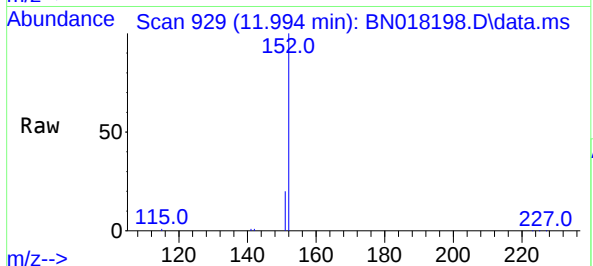
152 100

151 21.5 16.2 24.2

Manual Integrations

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Supervised By :mohammad ahmed 12/30/2021



#12

2-Methylnaphthalene

Concen: 0.368 ng

RT: 12.065 min Scan# 945

Delta R.T. -0.004 min

Lab File: BN018198.D

Acq: 24 Dec 2021 02:49

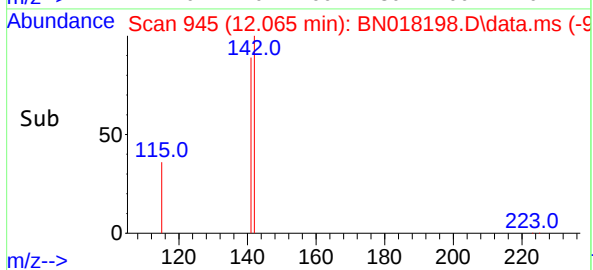
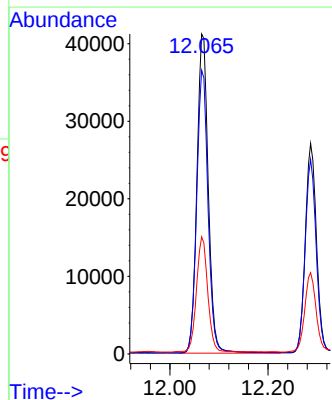
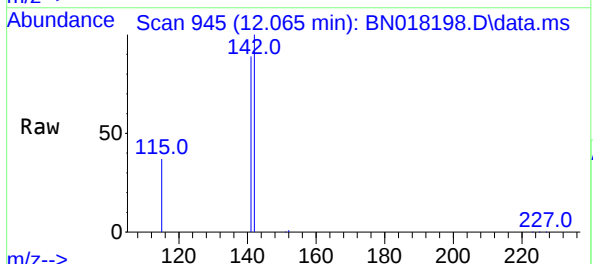
Tgt Ion:142 Resp: 66220

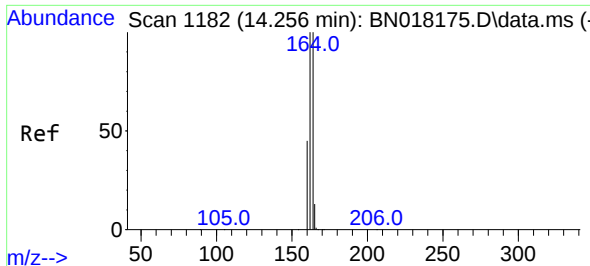
Ion Ratio Lower Upper

142 100

141 88.7 70.0 105.0

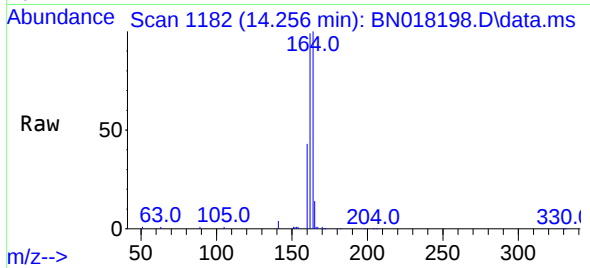
115 36.6 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

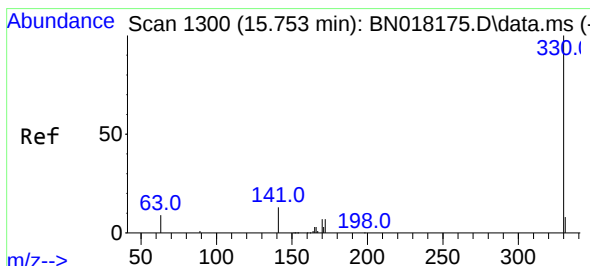
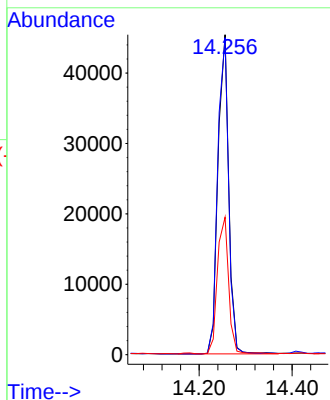
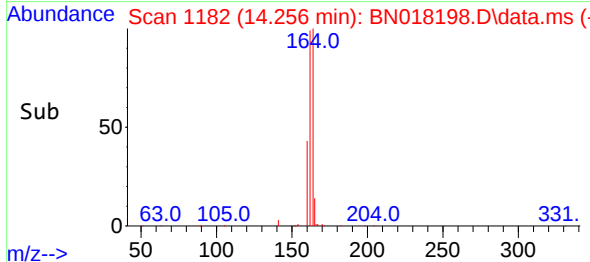
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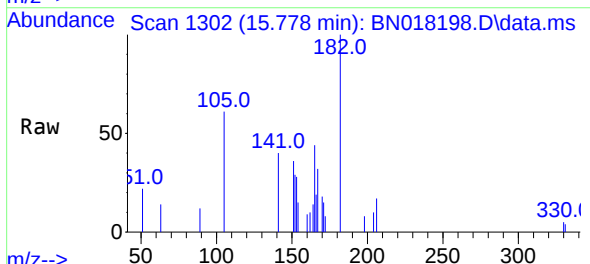
Tgt Ion:164 Resp: 7243
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 43.0 36.9 55.3

Manual Integrations
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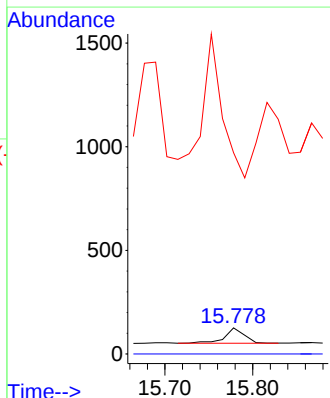
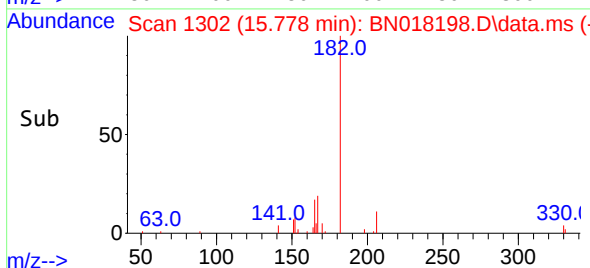
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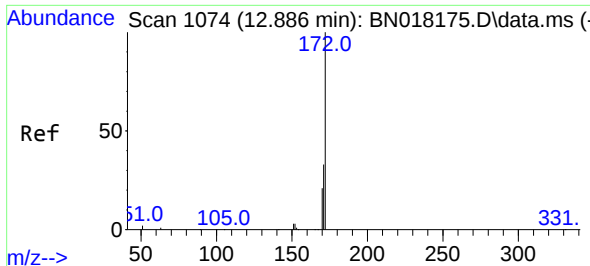


#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.025 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



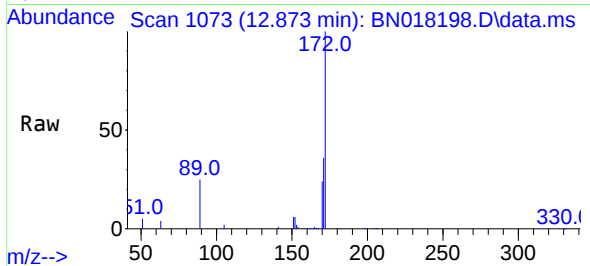
Tgt Ion:330 Resp: 115
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#





#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

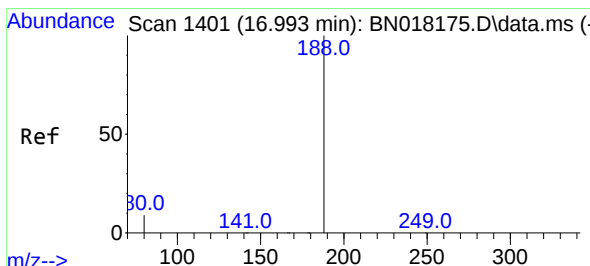
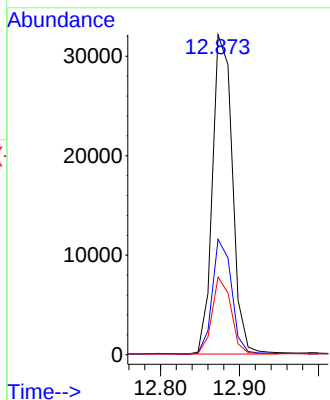
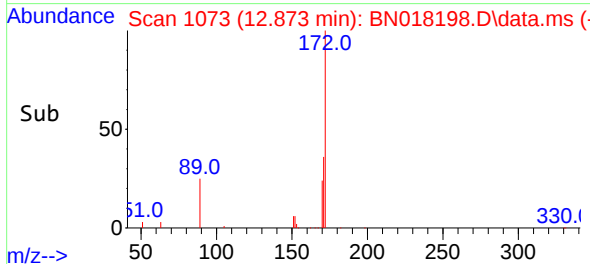
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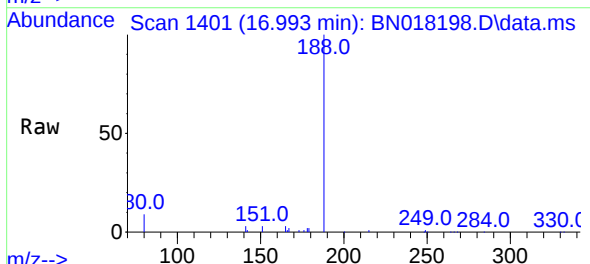
Tgt Ion:172 Resp: 5652
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.0
170 24.3 18.4 27.6

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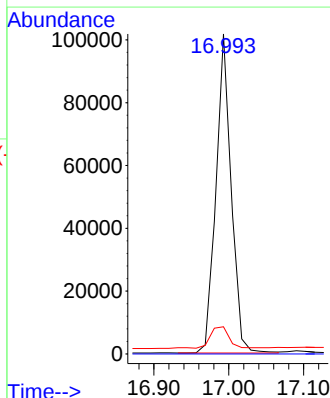
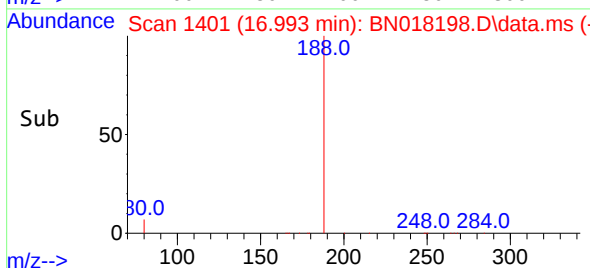
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

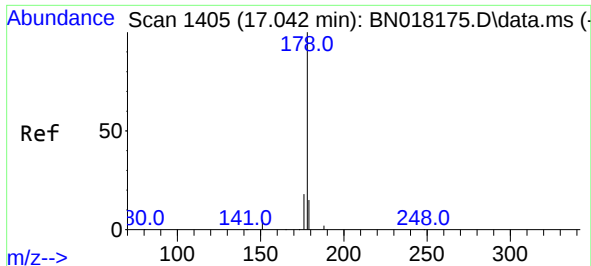


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



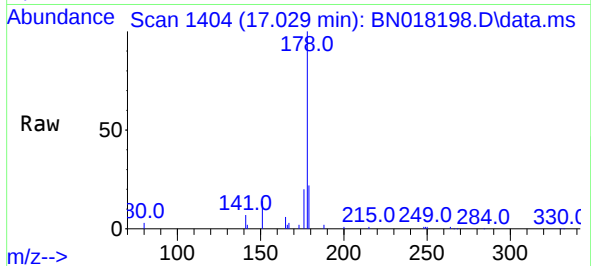
Tgt Ion:188 Resp: 143463
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.0 10.4





#25
Phenanthrene
Concen: 0.235 ng m
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

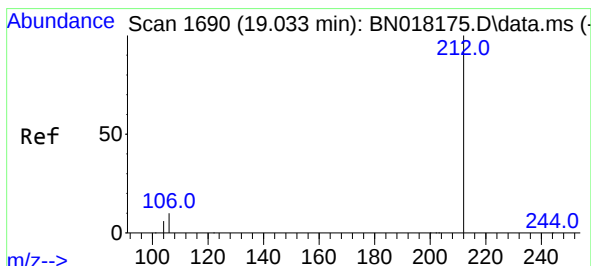
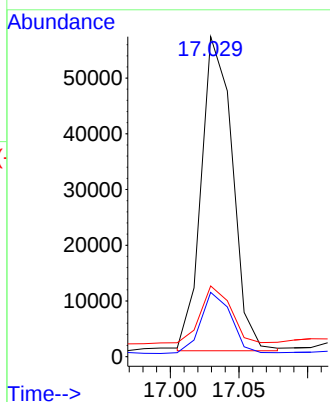
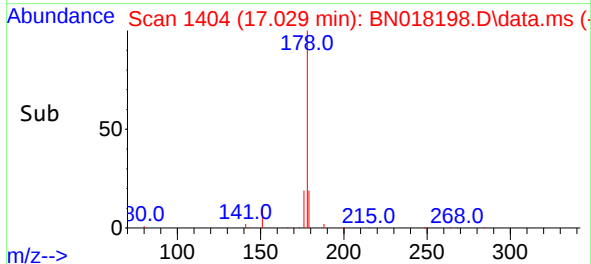
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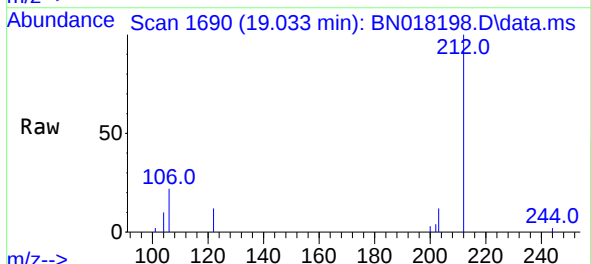
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Ion Ratio Lower Upper
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176 19.1 15.3 22.9
179 18.2 12.3 18.5

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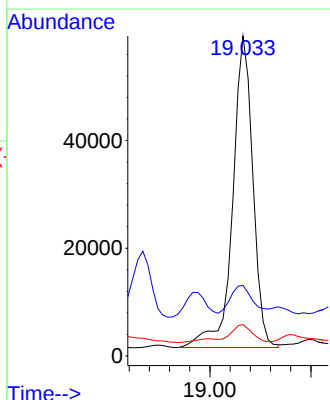
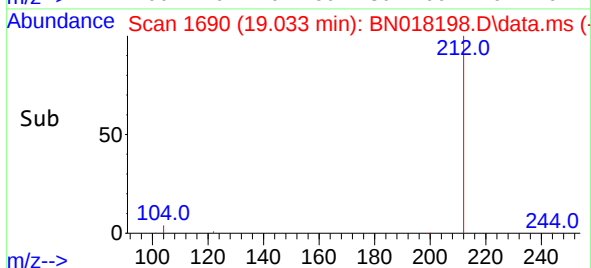
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

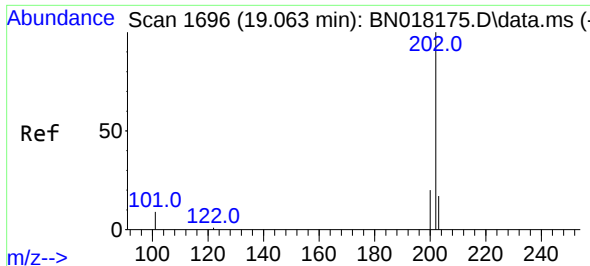


#27
Fluoranthene-d10
Concen: 0.177 ng
RT: 19.033 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



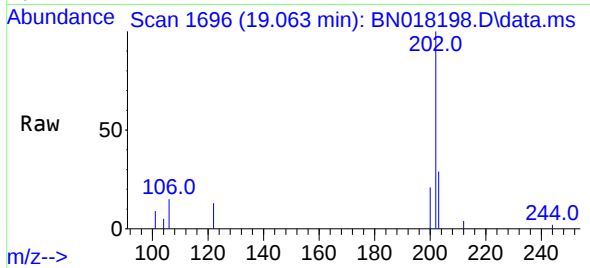
Tgt Ion:212 Resp: 80482
Ion Ratio Lower Upper
212 100
106 9.4 8.4 12.6
104 5.3 4.5 6.7





#28
Fluoranthene
Concen: 0.170 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

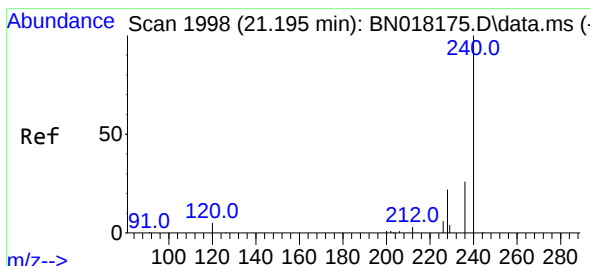
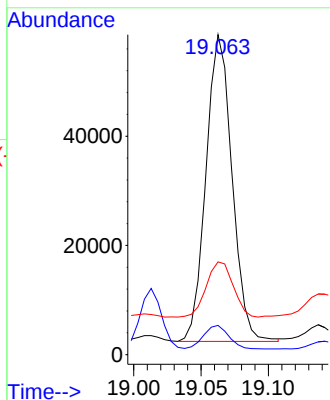
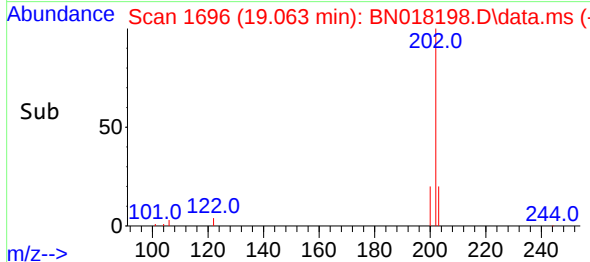
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



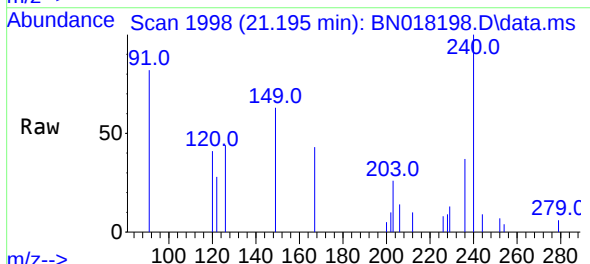
Tgt Ion:202 Resp: 75690
Ion Ratio Lower Upper
202 100
101 7.7 7.2 10.8
203 18.5 13.7 20.5

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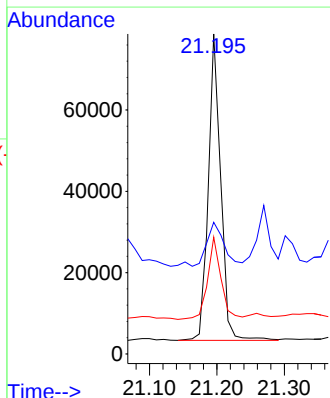
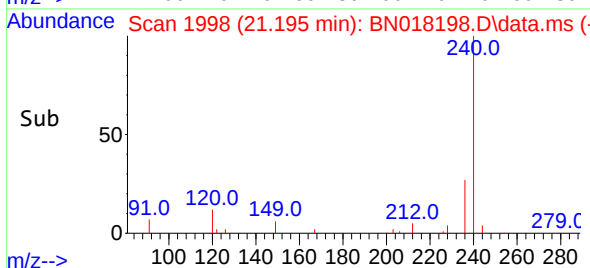
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

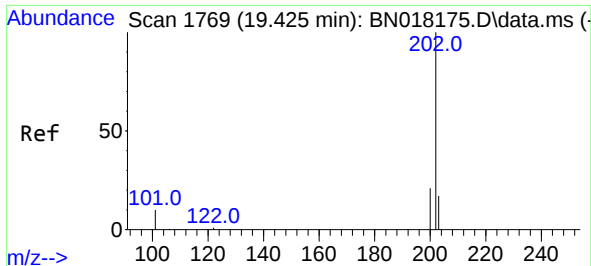


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



Tgt Ion:240 Resp: 95836
Ion Ratio Lower Upper
240 100
120 41.1 6.0 9.0#
236 36.5 21.4 32.2#





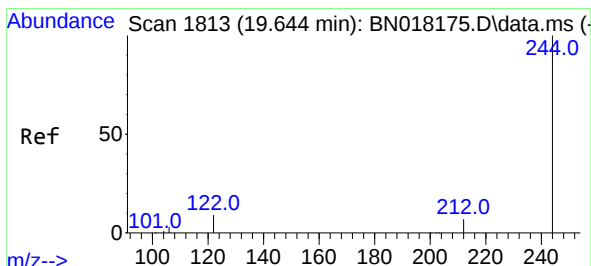
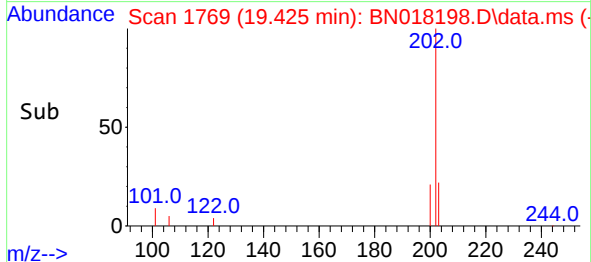
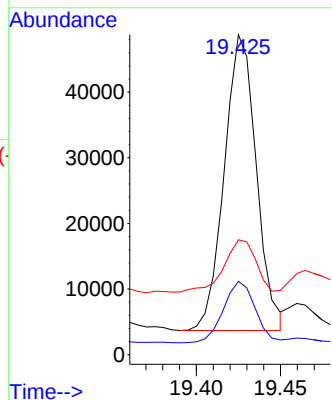
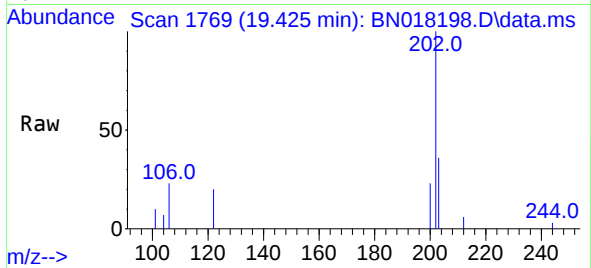
#30
Pyrene
Concen: 0.194 ng
RT: 19.425 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

Instrument :
BNA_N
ClientSampleId :
OB-CS-07

Tgt Ion:202 Resp: 5967
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 19.5 14.1 21.1

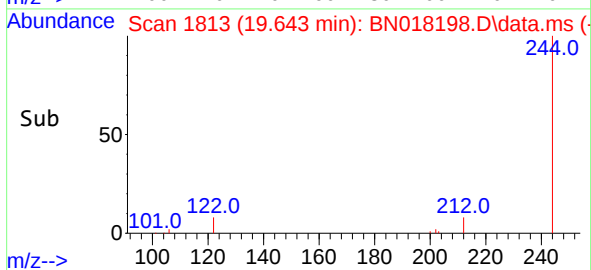
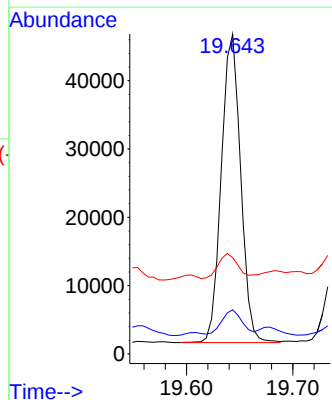
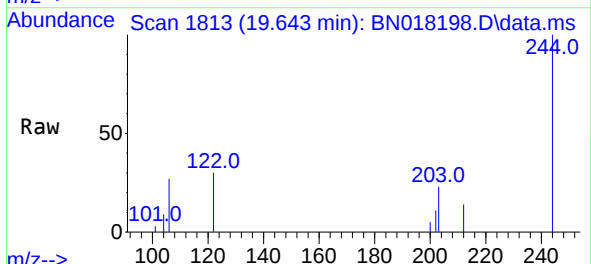
Manual Integrations
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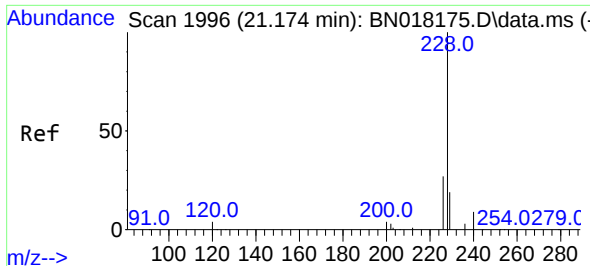
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#31
Terphenyl-d14
Concen: 0.271 ng
RT: 19.643 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

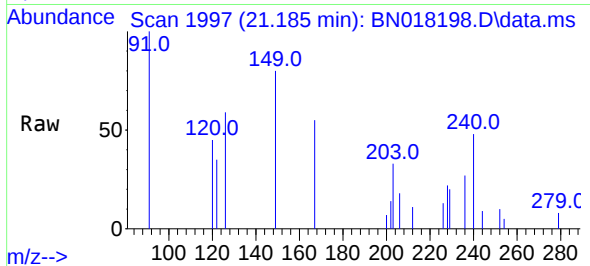
Tgt Ion:244 Resp: 57121
Ion Ratio Lower Upper
244 100
212 13.8 6.2 9.2#
122 30.1 7.9 11.9#





#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.185 min Scan# 1996
Delta R.T. 0.011 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

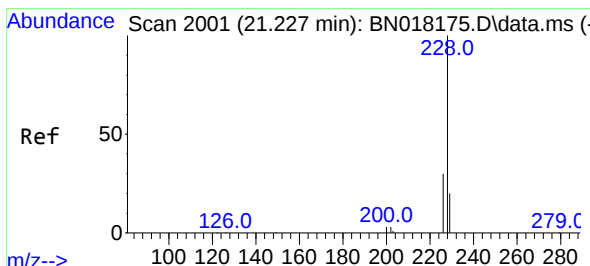
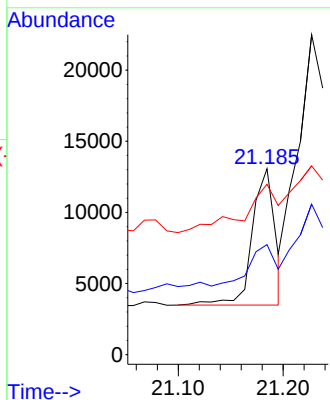
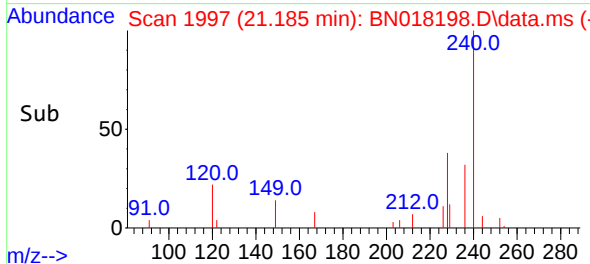
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



Tgt Ion:228 Resp: 1452
Ion Ratio Lower Upper
228 100
226 59.3 21.3 31.9#
229 91.7 15.9 23.9#

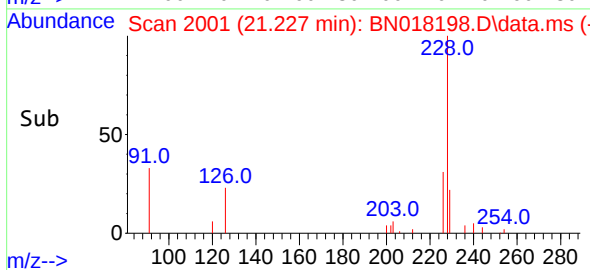
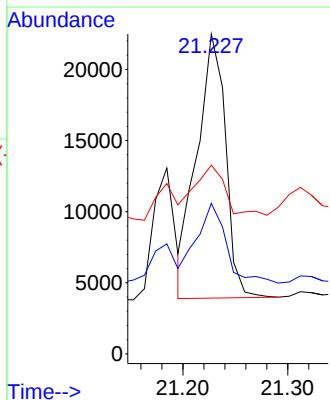
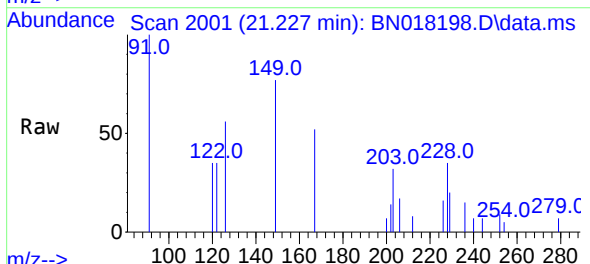
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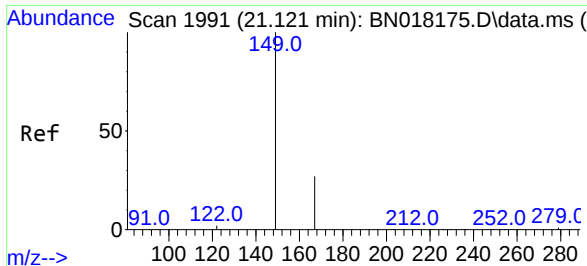
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#33
Chrysene
Concen: 0.116 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

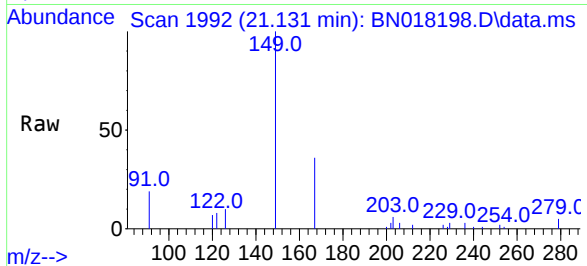
Tgt Ion:228 Resp: 35276
Ion Ratio Lower Upper
228 100
226 47.1 24.2 36.4#
229 59.0 15.5 23.3#





#34
Bis(2-ethylhexyl)phthalate
Concen: 2.329 ng
RT: 21.131 min Scan# 1992
Delta R.T. 0.010 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

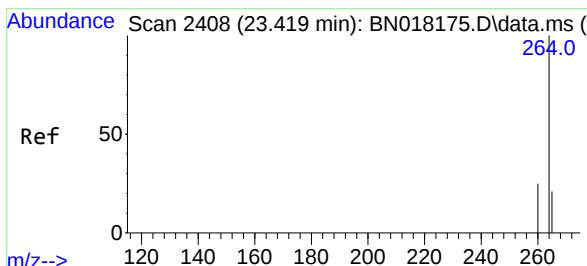
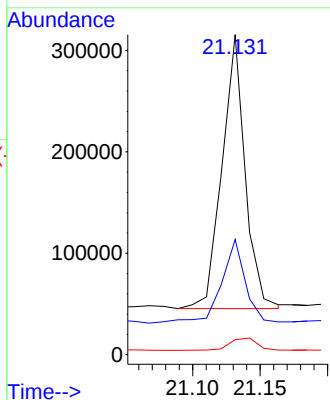
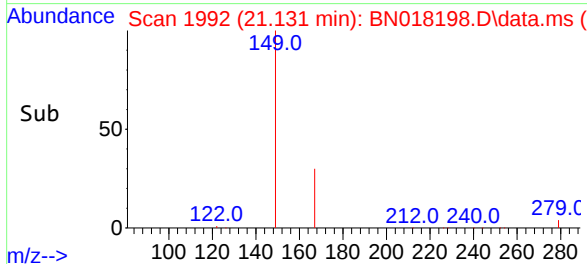
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



Tgt Ion:149 Resp: 32118
Ion Ratio Lower Upper
149 100
167 31.9 23.7 35.5
279 5.3 3.6 5.4

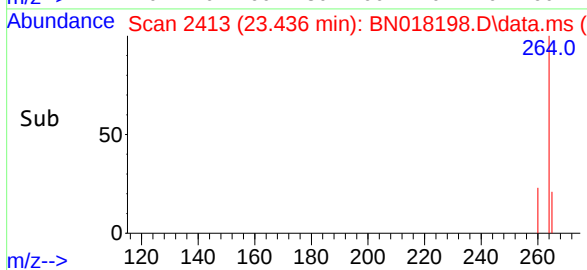
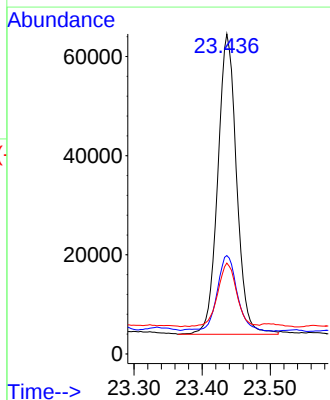
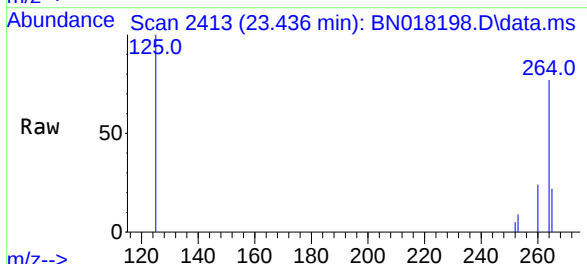
Manual Integrations
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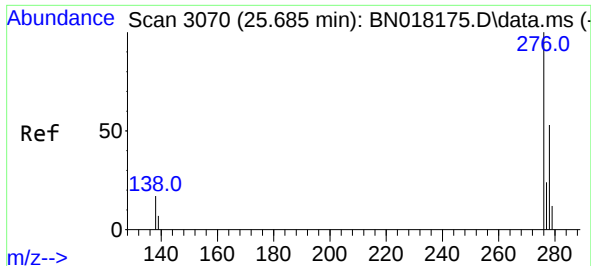
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.436 min Scan# 2413
Delta R.T. 0.017 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

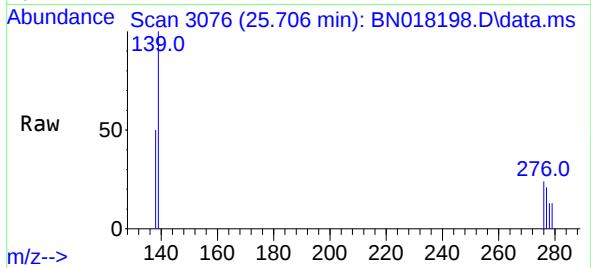
Tgt Ion:264 Resp: 116001
Ion Ratio Lower Upper
264 100
260 30.8 20.2 30.4#
265 28.4 18.2 27.2#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 25.706 min Scan# 3076
Delta R.T. 0.021 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

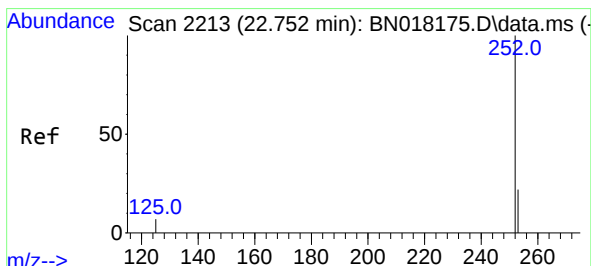
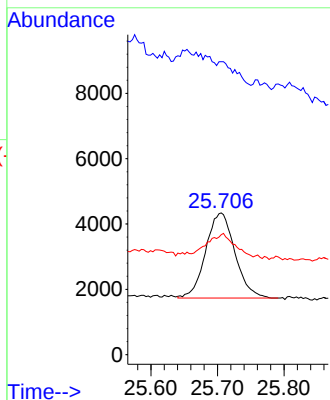
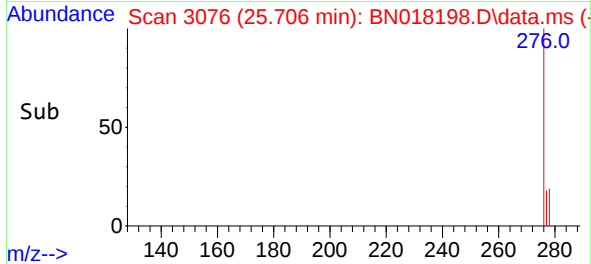
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



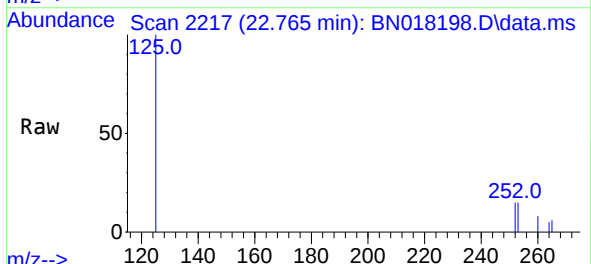
Tgt Ion:276 Resp: 7963
Ion Ratio Lower Upper
276 100
138 0.0 14.9 22.3#
277 25.0 19.9 29.9

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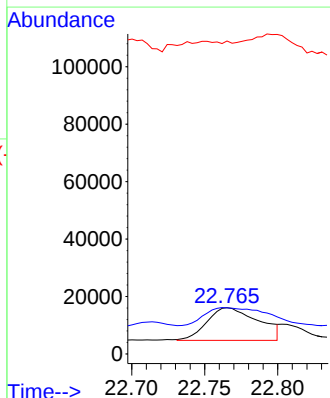
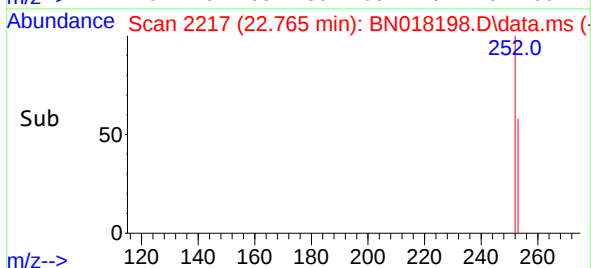
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

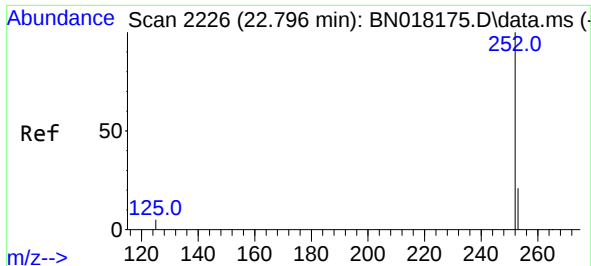


#37
Benzo(b)fluoranthene
Concen: 0.078 ng m
RT: 22.765 min Scan# 2217
Delta R.T. 0.013 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



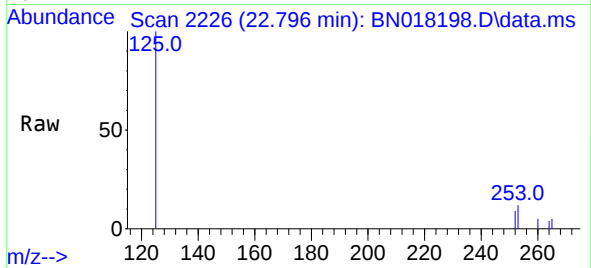
Tgt Ion:252 Resp: 27943
Ion Ratio Lower Upper
252 100
253 99.7 17.8 26.6#
125 677.6 6.0 9.0#





#38
Benzo(k)fluoranthene
Concen: 0.022 ng m
RT: 22.796 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

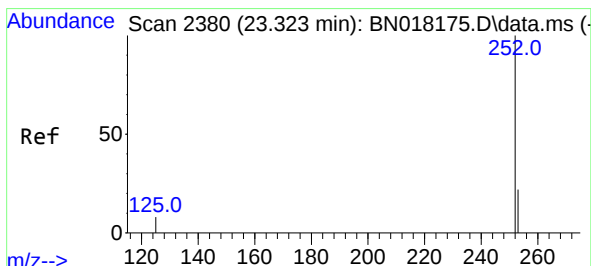
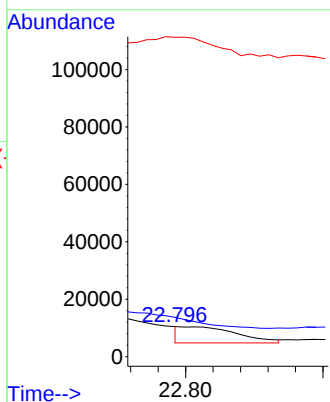
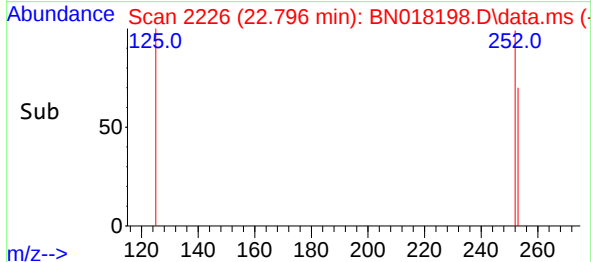
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



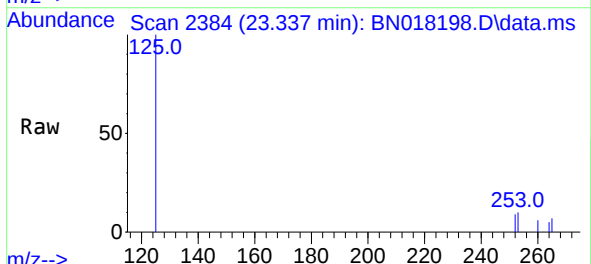
Tgt Ion:252 Resp: 800
Ion Ratio Lower Upper
252 100
253 131.1 17.7 26.5
125 1063.7 6.2 9.2

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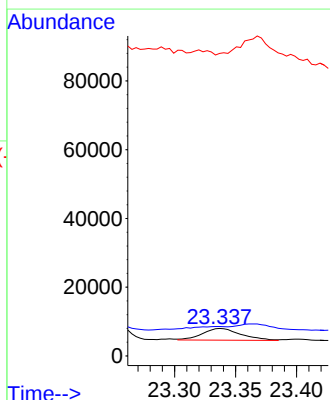
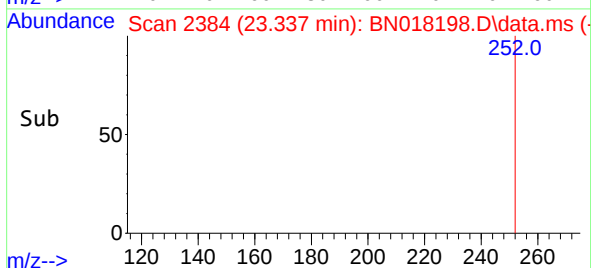
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

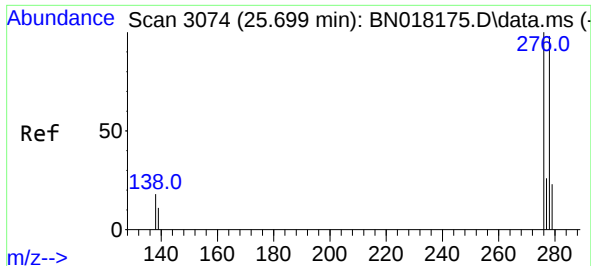


#39
Benzo(a)pyrene
Concen: 0.023 ng
RT: 23.337 min Scan# 2384
Delta R.T. 0.014 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



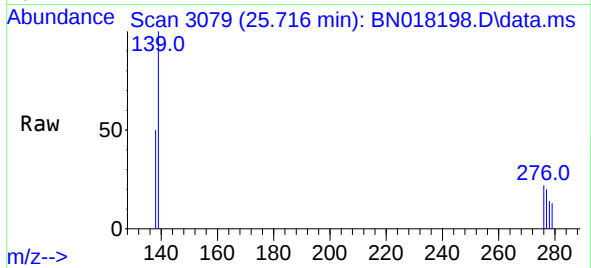
Tgt Ion:252 Resp: 7482
Ion Ratio Lower Upper
252 100
253 107.3 17.8 26.6#
125 1100.4 7.0 10.4#





#40
Dibenzo(a,h)anthracene
Concen: 0.038 ng
RT: 25.716 min Scan# 3079
Delta R.T. 0.017 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49

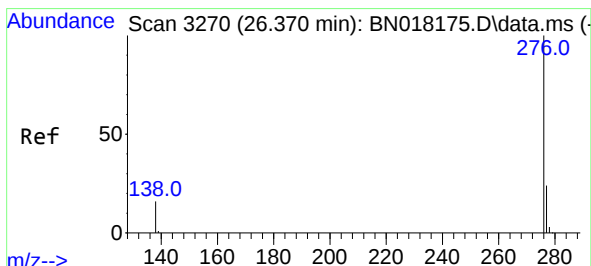
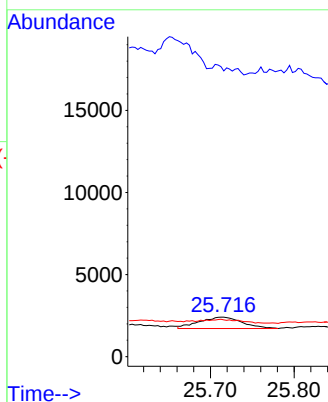
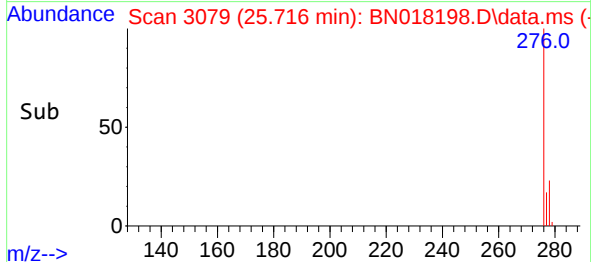
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



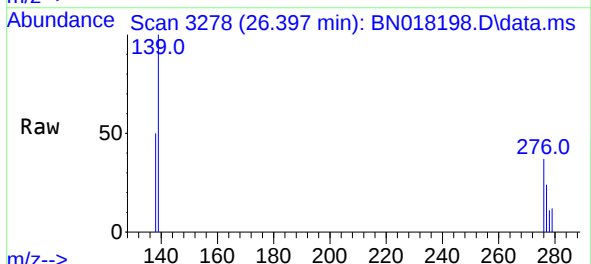
Tgt Ion:278 Resp: 2450
Ion Ratio Lower Upper
278 100
139 722.0 10.8 16.2
279 92.9 19.0 28.4

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



#41
Benzo(g,h,i)perylene
Concen: 0.039 ng
RT: 26.397 min Scan# 3278
Delta R.T. 0.027 min
Lab File: BN018198.D
Acq: 24 Dec 2021 02:49



Tgt Ion:276 Resp: 12175
Ion Ratio Lower Upper
276 100
277 66.1 19.0 28.6#
138 136.3 12.6 19.0#

