

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018197.D
 Acq On : 24 Dec 2021 02:13
 Operator : CG/JU
 Sample : M5107-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:33:46 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	39615	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	176564	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	115163	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	214361	0.400	ng	# 0.00
29) Chrysene-d12	21.248	240	64044	0.400	ng	# 0.05
35) Perylene-d12	23.515	264	58088	0.400	ng	# 0.10
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	207	0.002	ng	0.03
5) Phenol-d6	6.822	99	1432	0.015	ng	0.00
8) Nitrobenzene-d5	8.772	82	17665	0.149	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	37577	0.124	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	145	0.182	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	56905	0.132	ng	-0.01
27) Fluoranthene-d10	19.043	212	56182	0.083	ng	0.00
31) Terphenyl-d14	19.663	244	32157	0.228	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.444	128	20279	0.047	ng	96
24) Pentachlorophenol	16.664	266	1392	0.313	ng	# 70
25) Phenanthrene	17.029	178	91178m	0.160	ng	
28) Fluoranthene	19.078	202	141058	0.212	ng	97
30) Pyrene	19.445	202	138291	0.673	ng	# 90
32) Benzo(a)anthracene	21.227	228	27226m	0.146	ng	
33) Chrysene	21.280	228	73329m	0.361	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	2492104	24.232	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.760	276	10834	0.064	ng	# 71
37) Benzo(b)fluoranthene	22.841	252	47701m	0.265	ng	
38) Benzo(k)fluoranthene	22.872	252	18983m	0.105	ng	
41) Benzo(g,h,i)perylene	26.448	276	17217	0.111	ng	# 1

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

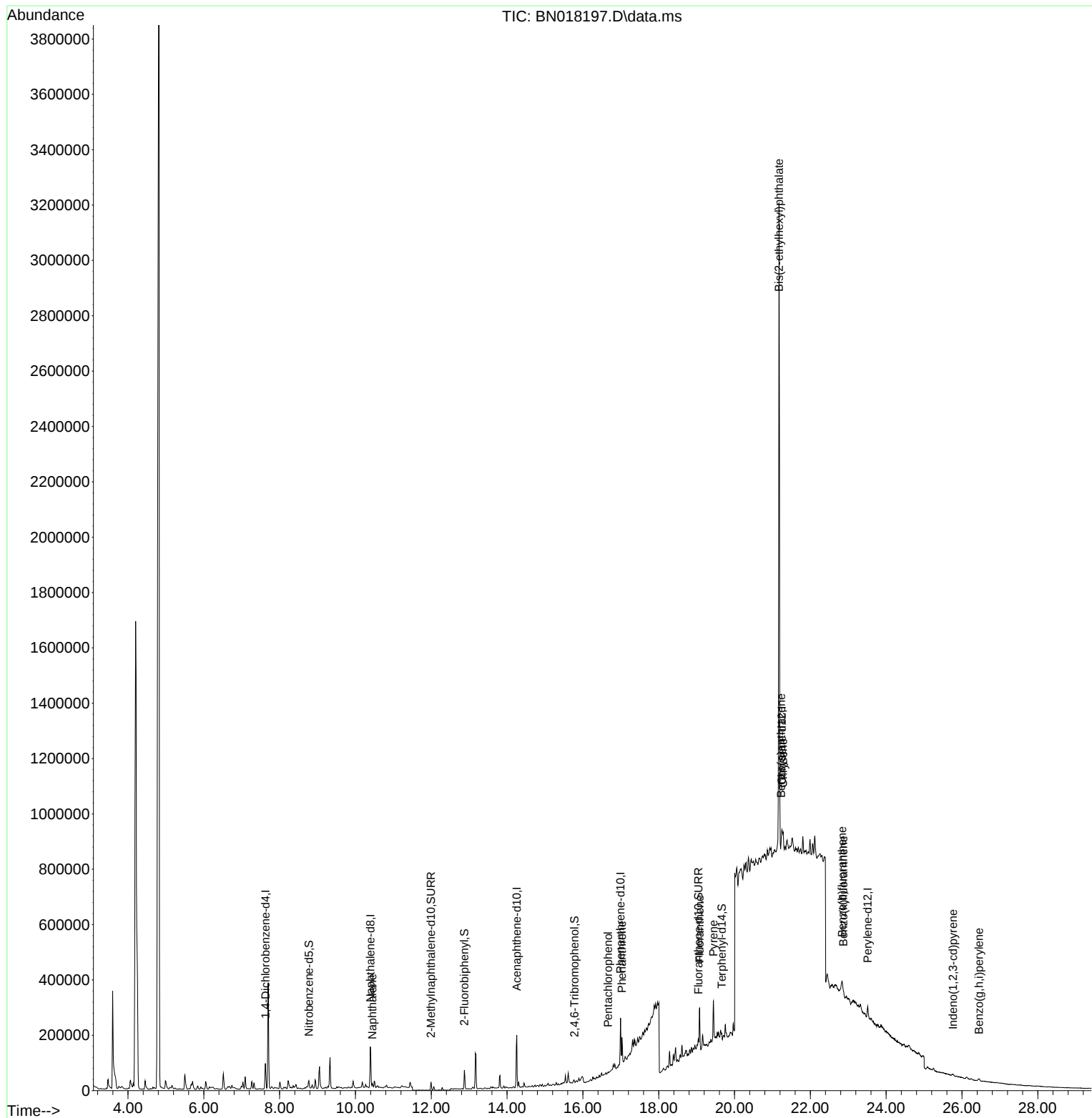
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018197.D
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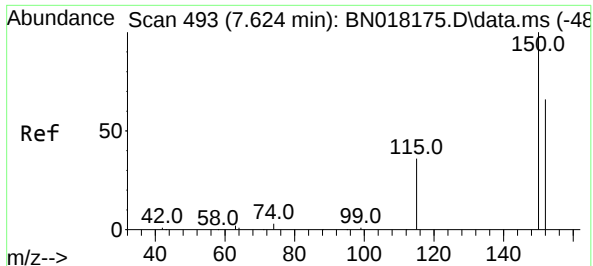
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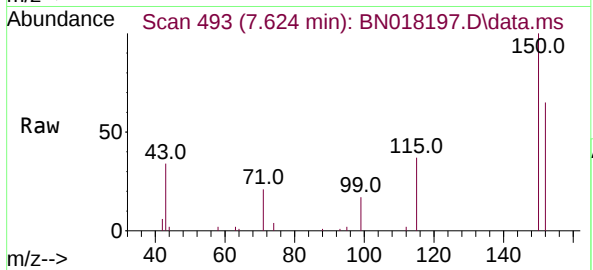
Quant Time: Dec 24 23:33:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

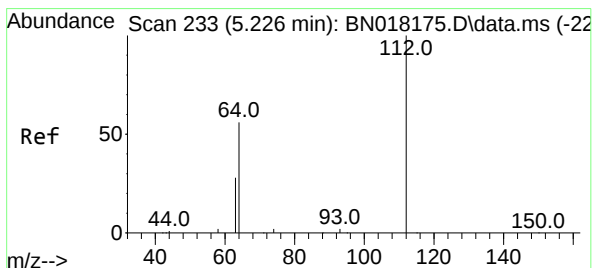
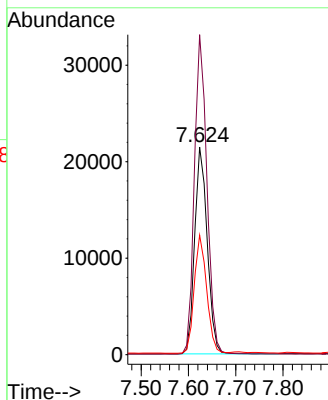
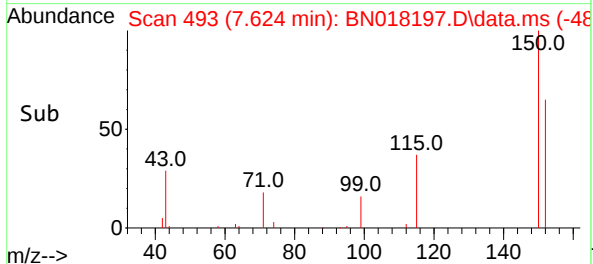
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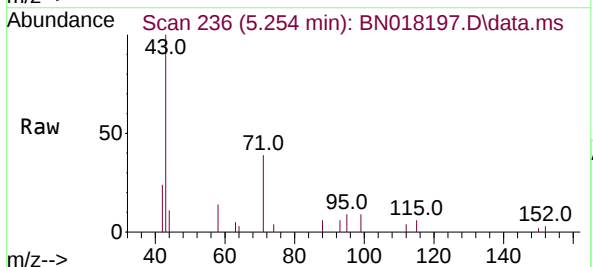
Tgt Ion:152 Resp: 39615
Ion Ratio Lower Upper
152 100
150 154.0 121.7 182.5
115 57.5 43.8 65.8

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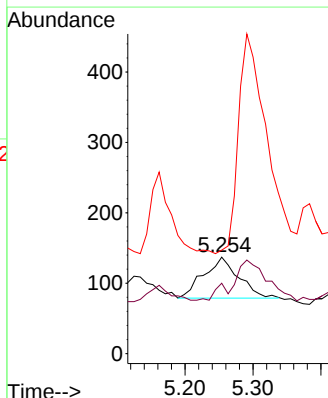
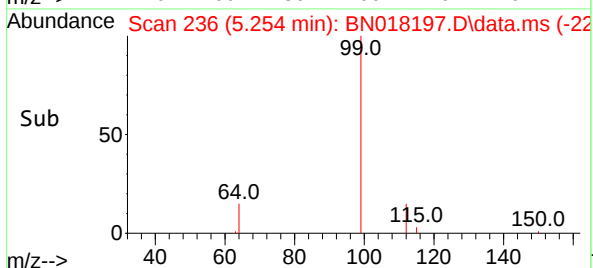
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

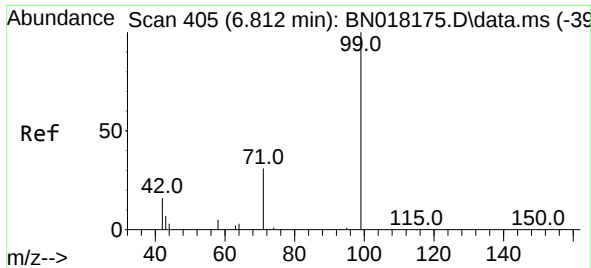


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



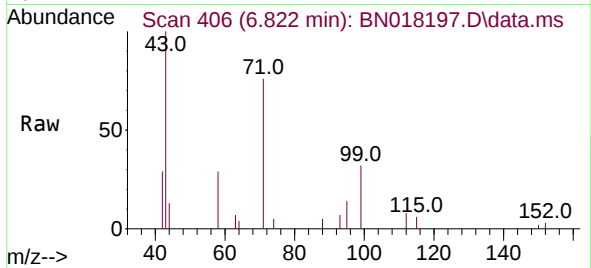
Tgt Ion:112 Resp: 207
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.015 ng
RT: 6.822 min Scan# 405
Delta R.T. 0.010 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

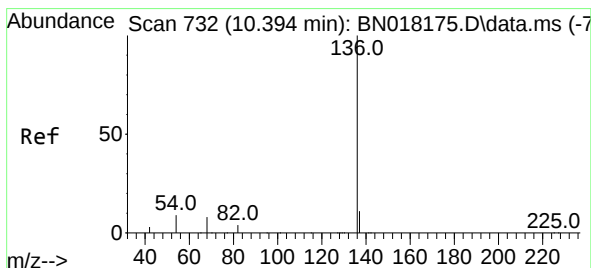
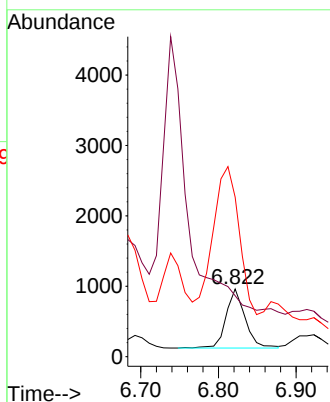
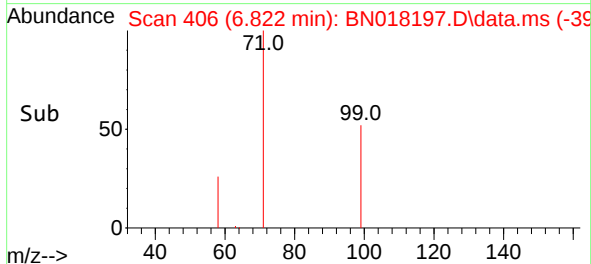
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Tgt Ion: 99 Resp: 143
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 340.4 26.8 40.2

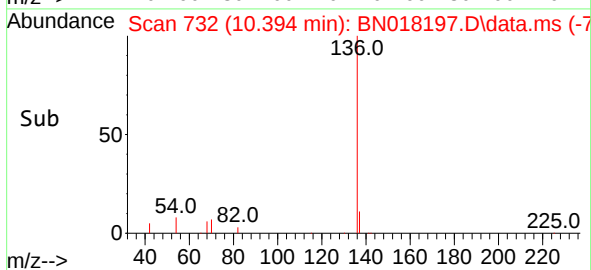
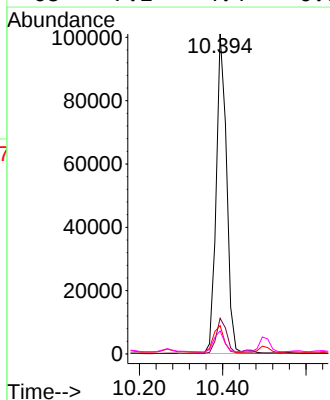
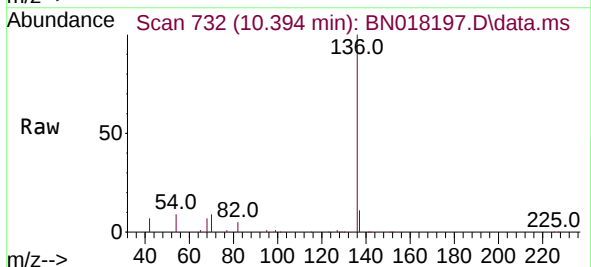
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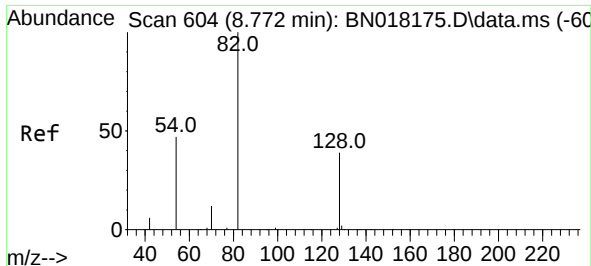
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Tgt Ion:136 Resp: 176564
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 5.0 7.6#
68 7.2 4.4 6.6#





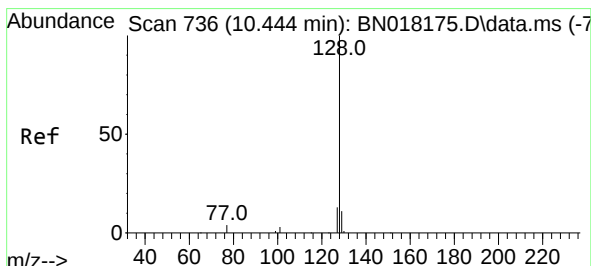
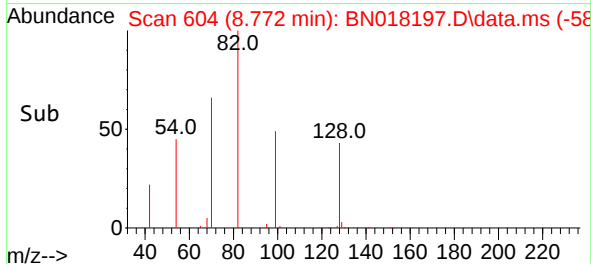
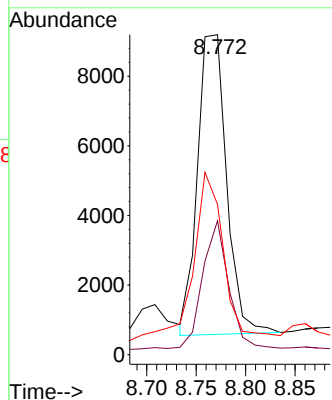
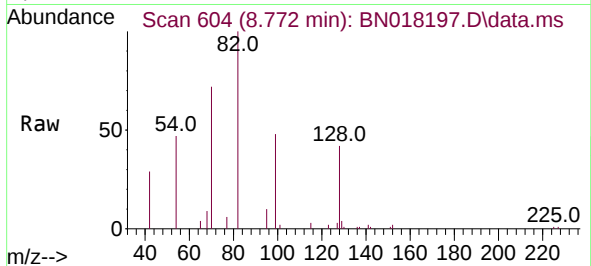
#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

Instrument :
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ClientSampleId :
OB-CS-06

Tgt Ion: 82 Resp: 1766
Ion Ratio Lower Upper
82 100
128 41.9 33.7 50.5
54 47.0 36.6 55.0

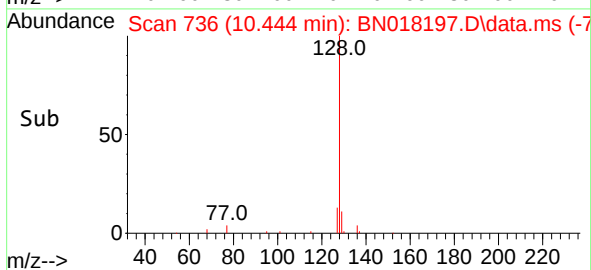
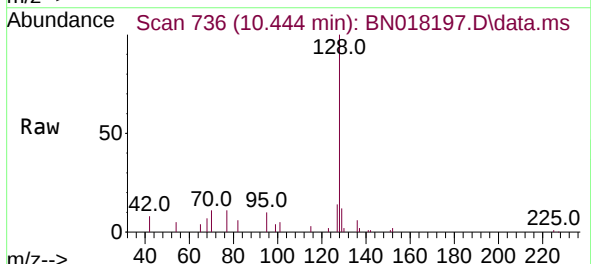
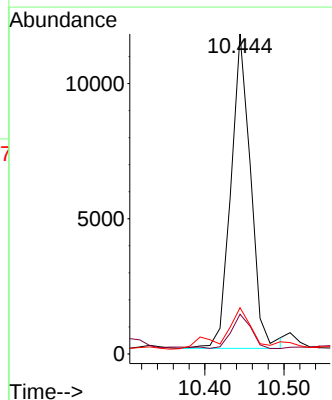
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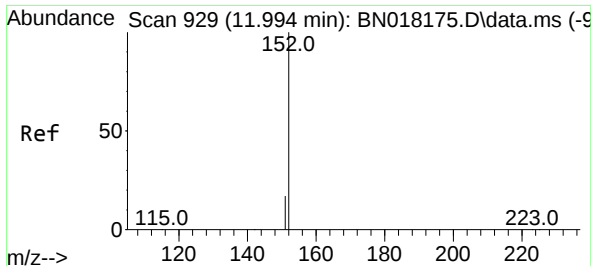
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.047 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

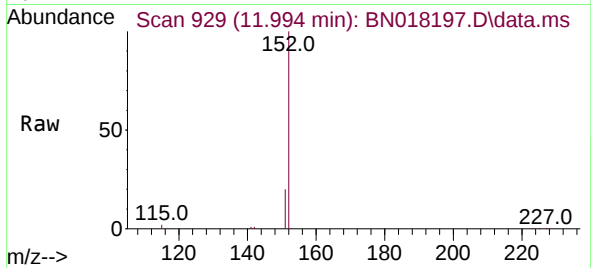
Tgt Ion:128 Resp: 20279
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 14.5 10.4 15.6





#11
2-Methylnaphthalene-d10
Concen: 0.124 ng
RT: 11.994 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

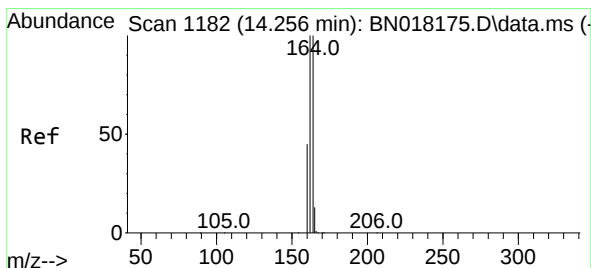
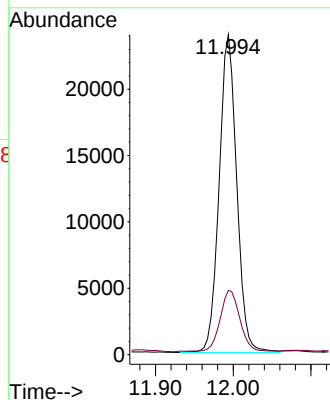
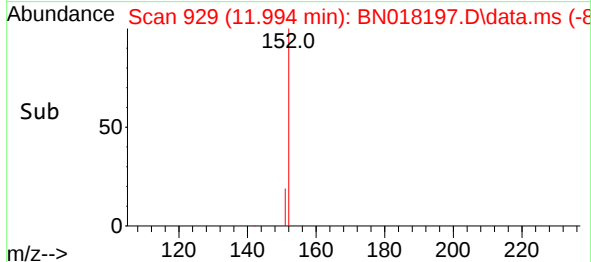
Instrument :
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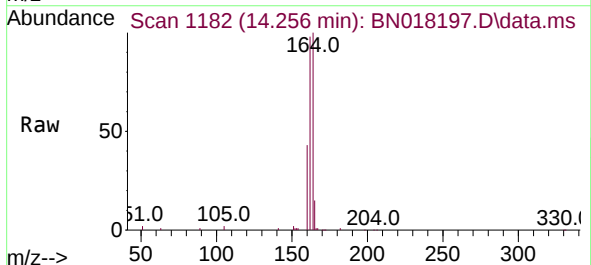
Tgt Ion:152 Resp: 3757
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2

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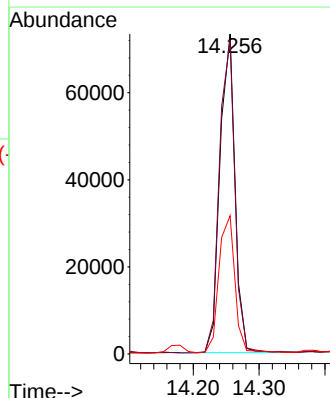
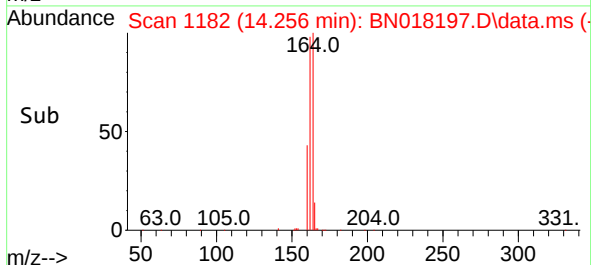
Reviewed By :Jagrut Upadhyay 12/27/2021
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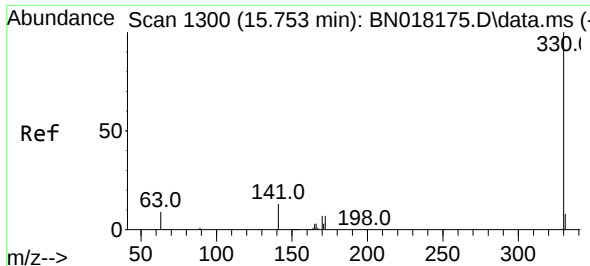


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



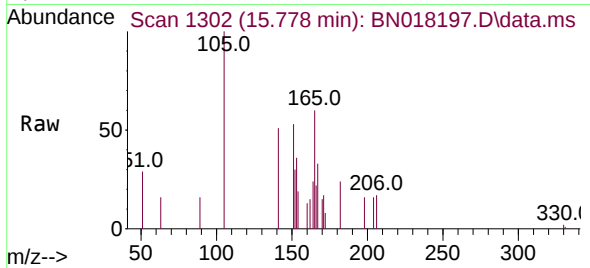
Tgt Ion:164 Resp: 115163
Ion Ratio Lower Upper
164 100
162 97.9 80.2 120.2
160 43.2 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.778 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

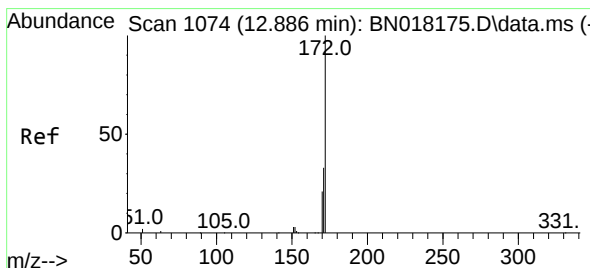
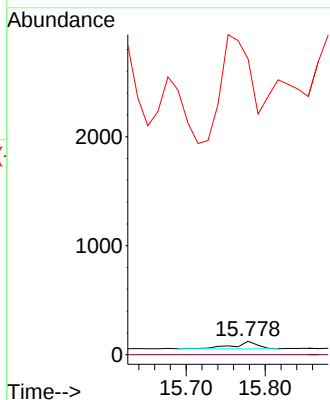
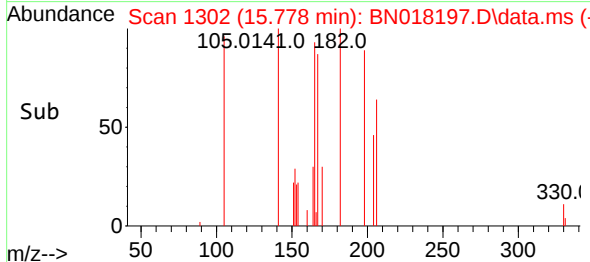
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Tgt Ion:330 Resp: 145
Ion Ratio Lower Upper
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332 0.0 0.0 0.0
141 0.0 21.3 31.9

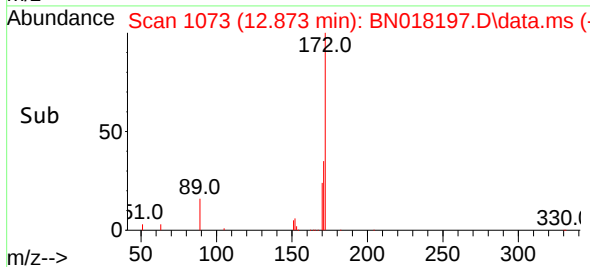
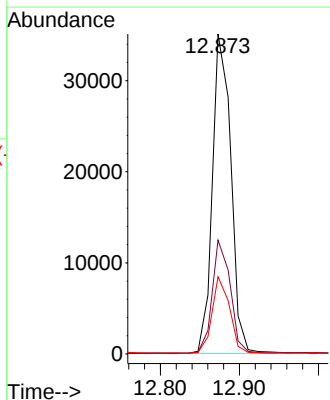
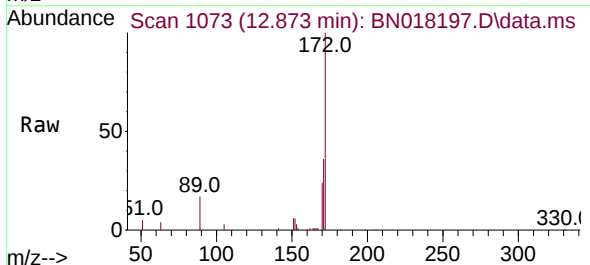
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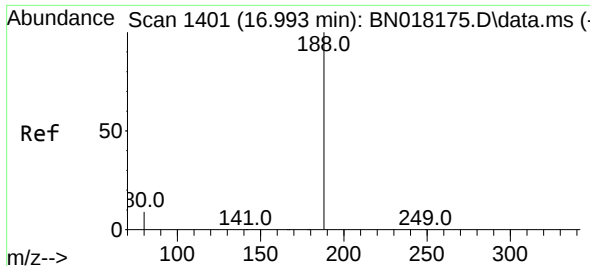
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#15
2-Fluorobiphenyl
Concen: 0.132 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

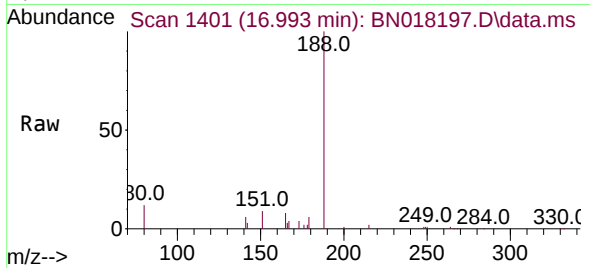
Tgt Ion:172 Resp: 56905
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 24.2 18.4 27.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

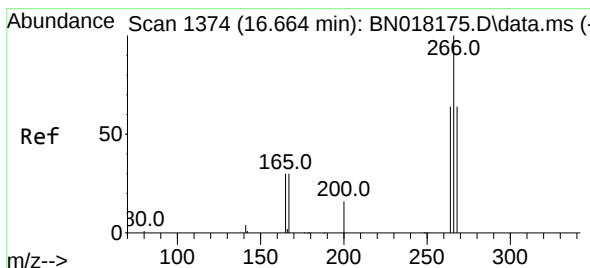
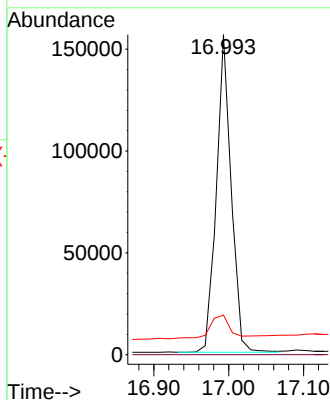
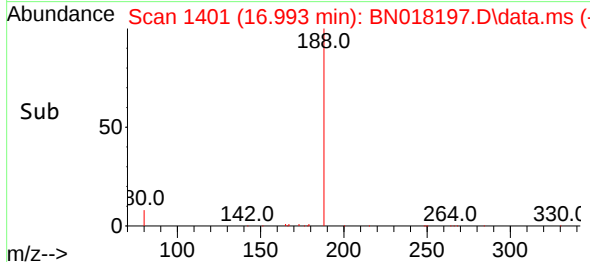
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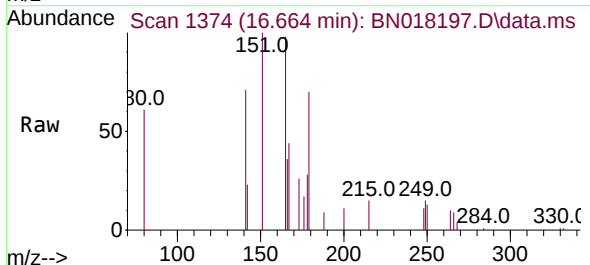
Tgt Ion:188 Resp: 21436
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.0 10.4

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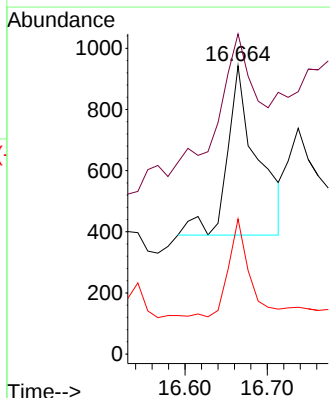
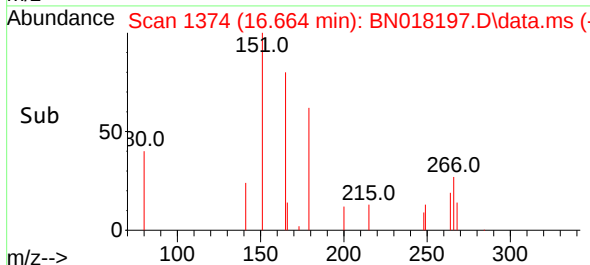
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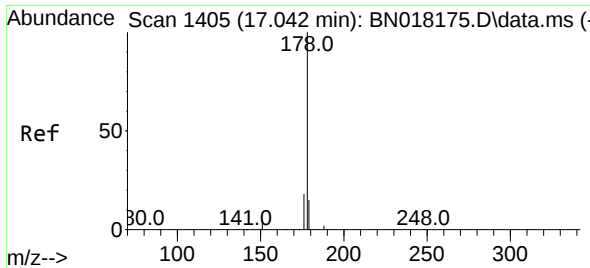


#24
Pentachlorophenol
Concen: 0.313 ng
RT: 16.664 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



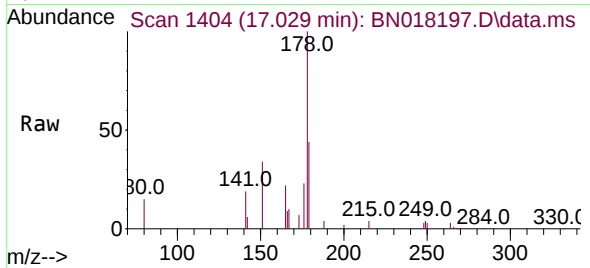
Tgt Ion:266 Resp: 1392
Ion Ratio Lower Upper
266 100
264 84.3 49.5 74.3#
268 39.2 50.6 76.0#





#25
Phenanthrene
Concen: 0.160 ng m
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

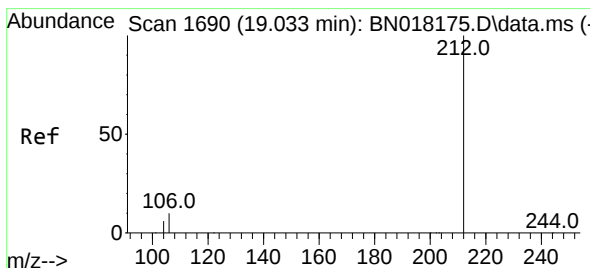
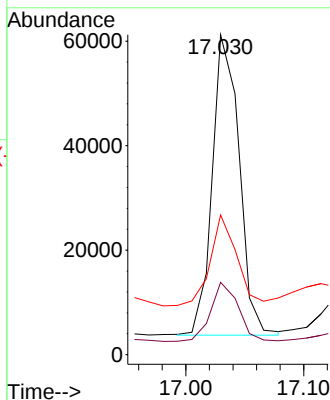
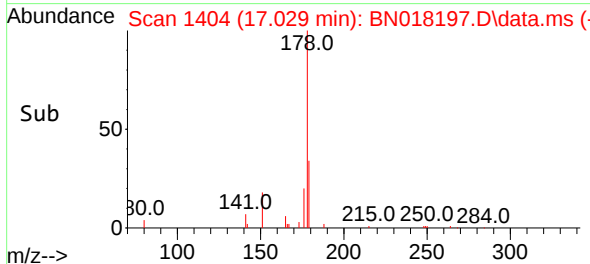
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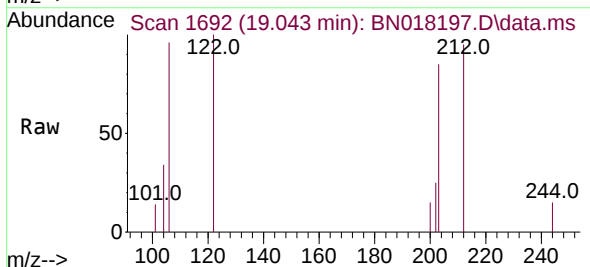
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Ion Ratio Lower Upper
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176 20.1 15.3 22.9
179 30.0 12.3 18.5

Manual Integrations
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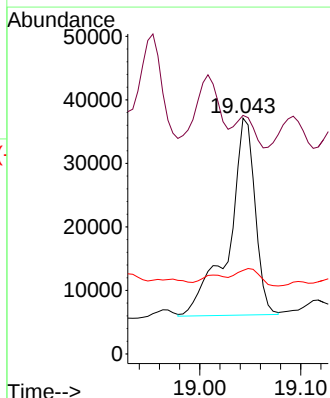
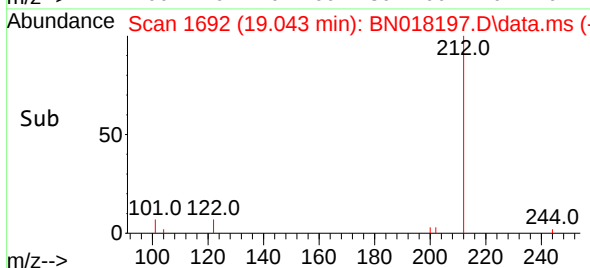
Reviewed By :Jagrut Upadhyay 12/27/2021
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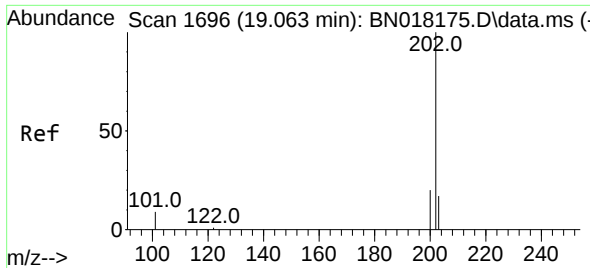


#27
Fluoranthene-d10
Concen: 0.083 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.010 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



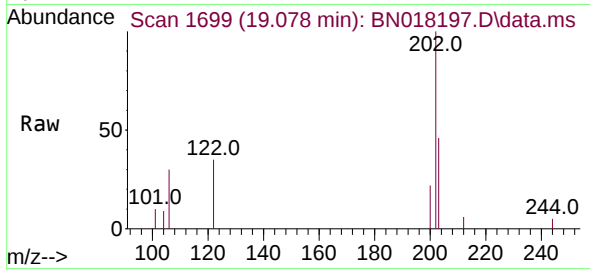
Tgt Ion:212 Resp: 56182
Ion Ratio Lower Upper
212 100
106 11.6 8.4 12.6
104 7.8 4.5 6.7





#28
Fluoranthene
Concen: 0.212 ng
RT: 19.078 min Scan# 10
Delta R.T. 0.015 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

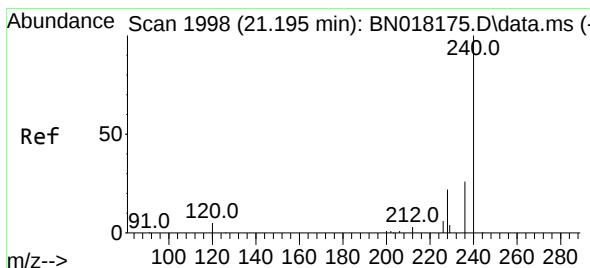
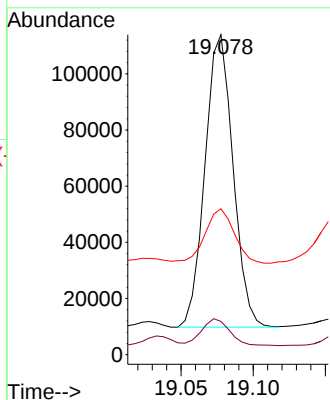
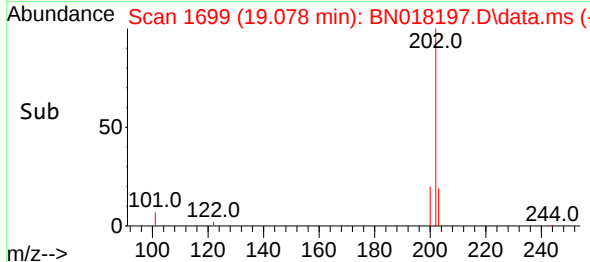
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



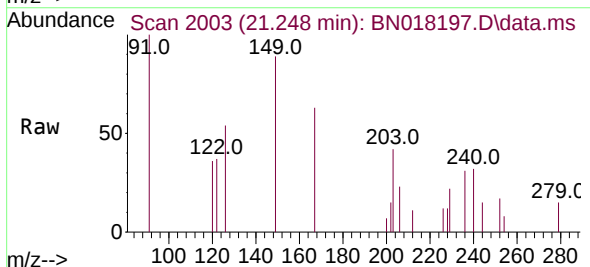
Tgt Ion:202 Resp: 141058
Ion Ratio Lower Upper
202 100
101 9.0 7.2 10.8
203 19.3 13.7 20.5

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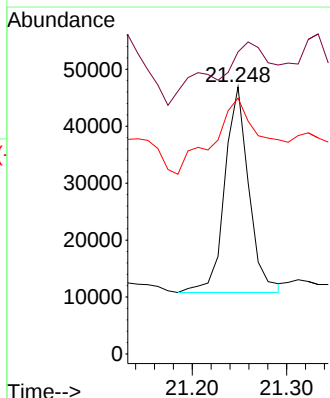
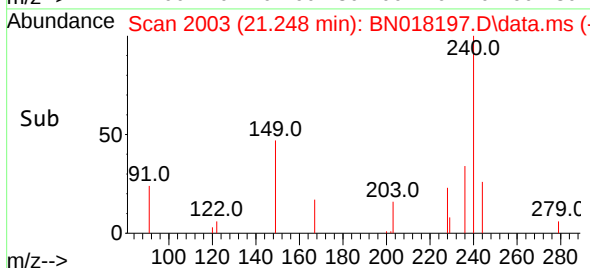
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

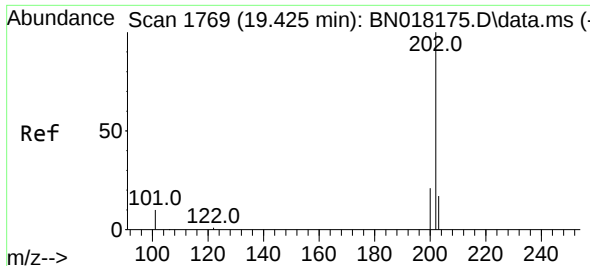


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.053 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



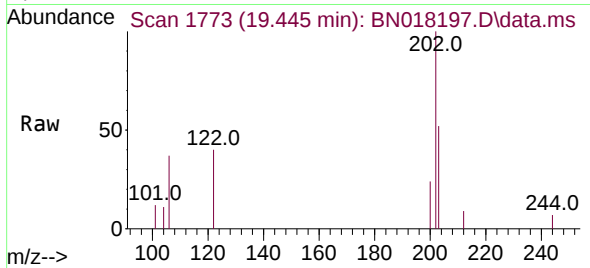
Tgt Ion:240 Resp: 64044
Ion Ratio Lower Upper
240 100
120 113.1 6.0 9.0#
236 95.8 21.4 32.2#





#30
Pyrene
Concen: 0.673 ng
RT: 19.445 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

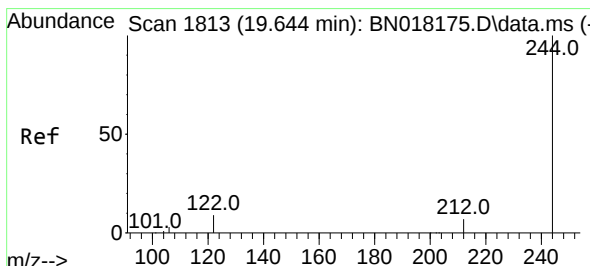
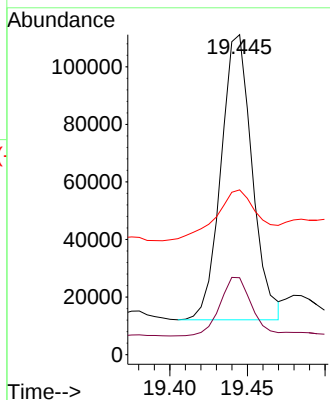
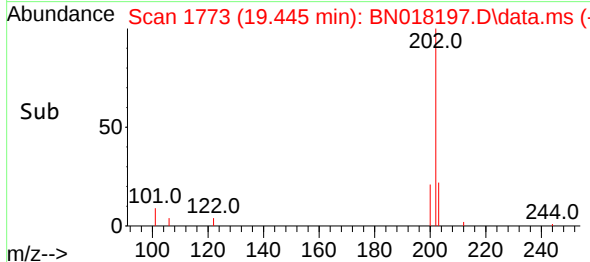
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



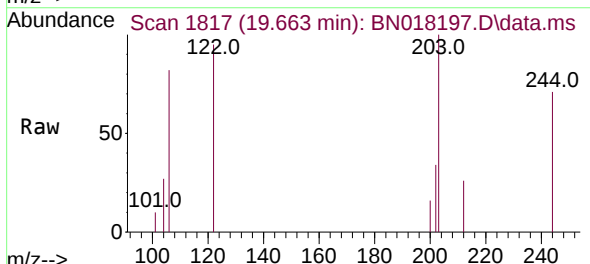
Tgt Ion:202 Resp: 13829
Ion Ratio Lower Upper
202 100
200 23.0 16.6 25.0
203 24.6 14.1 21.1

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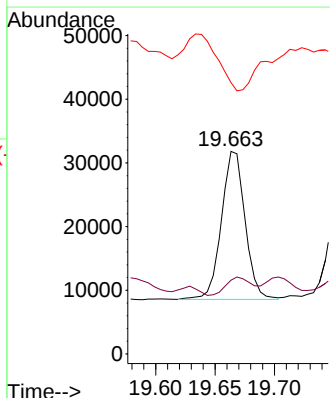
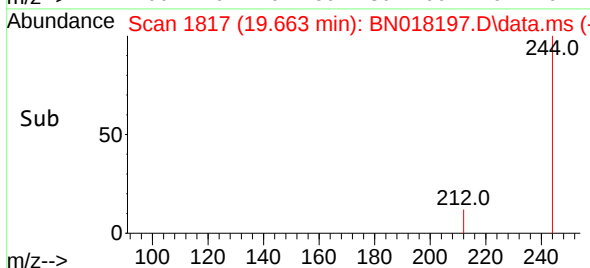
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

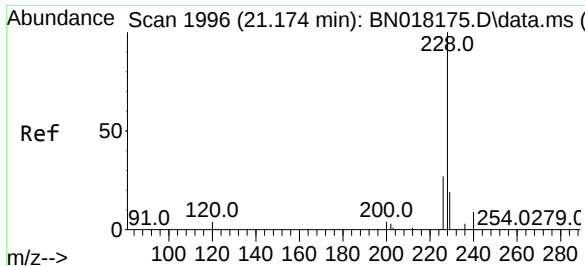


#31
Terphenyl-d14
Concen: 0.228 ng
RT: 19.663 min Scan# 1817
Delta R.T. 0.019 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



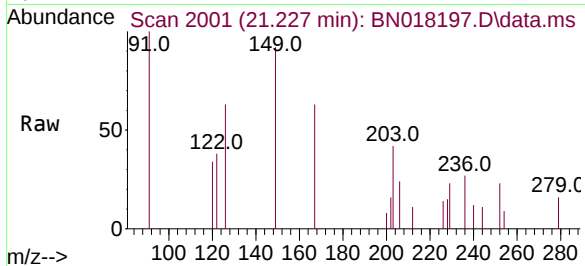
Tgt Ion:244 Resp: 32157
Ion Ratio Lower Upper
244 100
212 36.4 6.2 9.2#
122 134.0 7.9 11.9#





#32
Benzo(a)anthracene
Concen: 0.146 ng m
RT: 21.227 min Scan# 2001
Delta R.T. 0.053 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

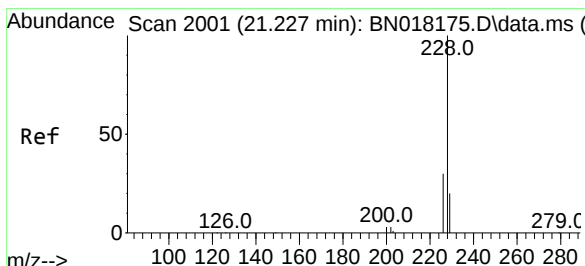
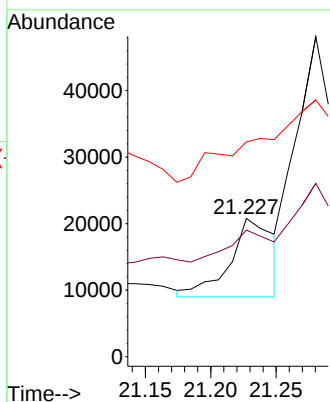
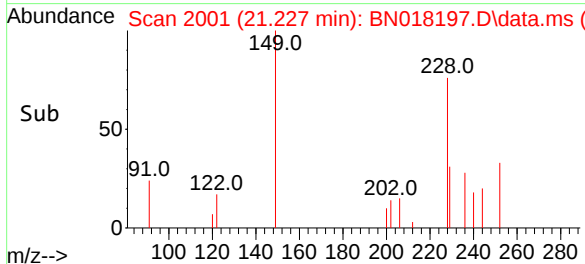
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



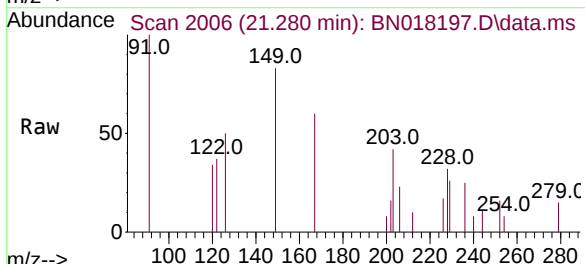
Tgt Ion:228 Resp: 27220
Ion Ratio Lower Upper
228 100
226 91.5 21.3 31.9#
229 155.4 15.9 23.9#

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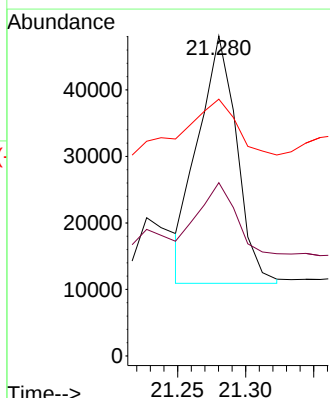
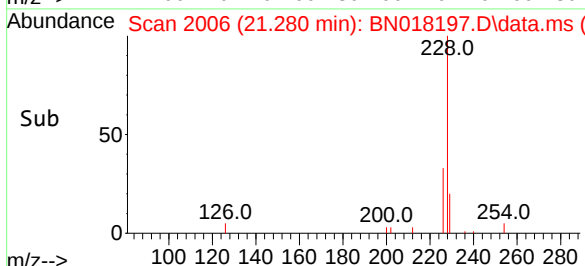
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

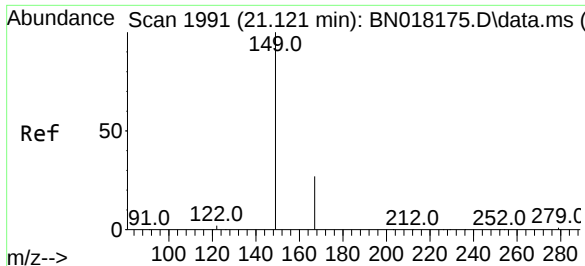


#33
Chrysene
Concen: 0.361 ng m
RT: 21.280 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



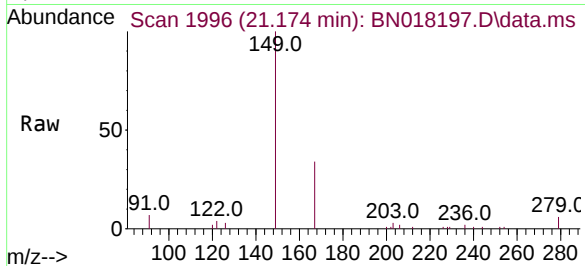
Tgt Ion:228 Resp: 73329
Ion Ratio Lower Upper
228 100
226 54.2 24.2 36.4#
229 80.2 15.5 23.3#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 24.232 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.053 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

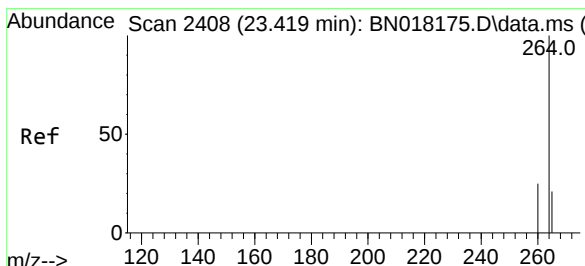
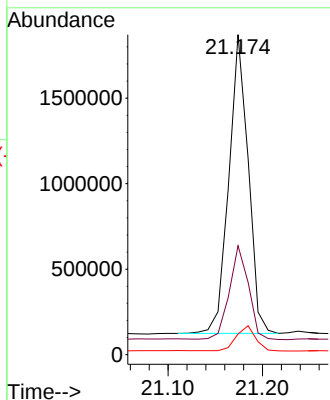
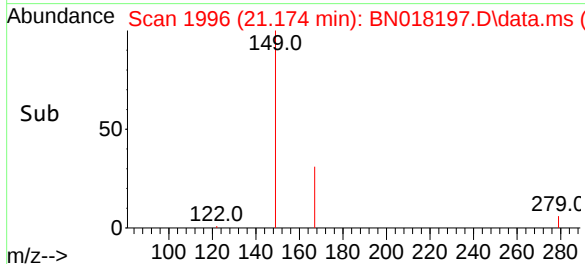
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:149 Resp: 2492104
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.7 35.5
 279 8.4 3.6 5.4

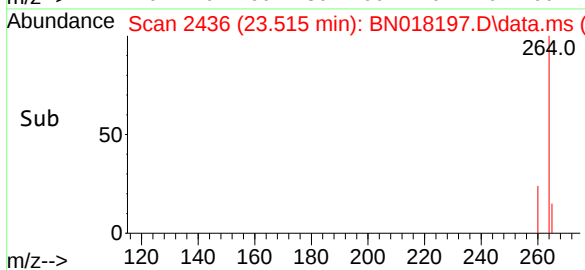
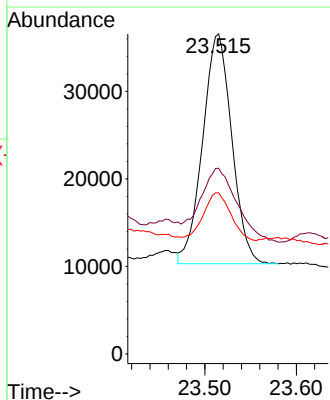
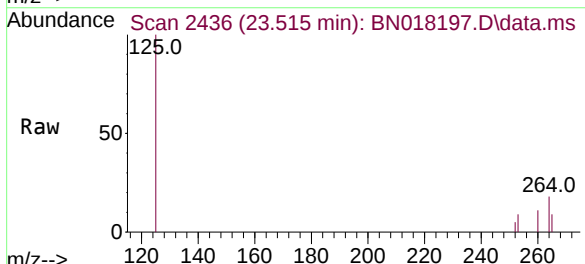
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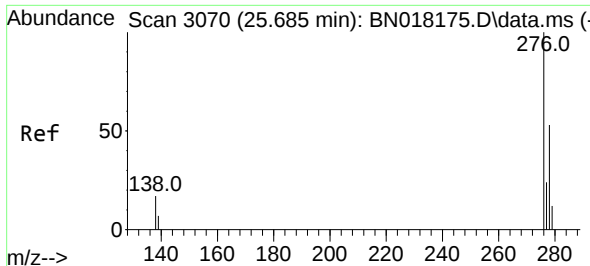
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/30/2021



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. 0.096 min
 Lab File: BN018197.D
 Acq: 24 Dec 2021 02:13

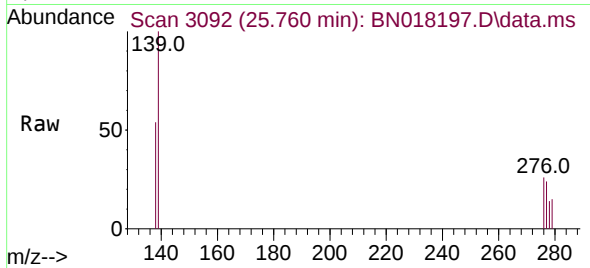
Tgt Ion:264 Resp: 58088
 Ion Ratio Lower Upper
 264 100
 260 58.1 20.2 30.4#
 265 50.3 18.2 27.2#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng
RT: 25.760 min Scan# 3070
Delta R.T. 0.075 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

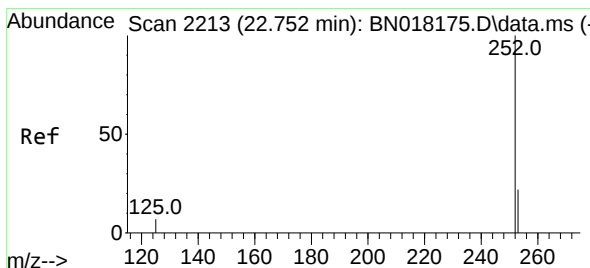
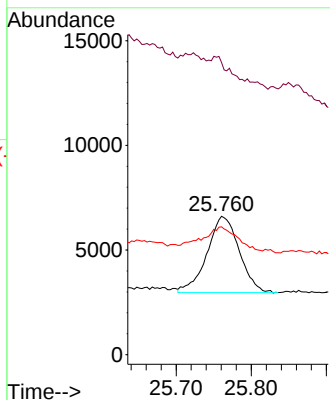
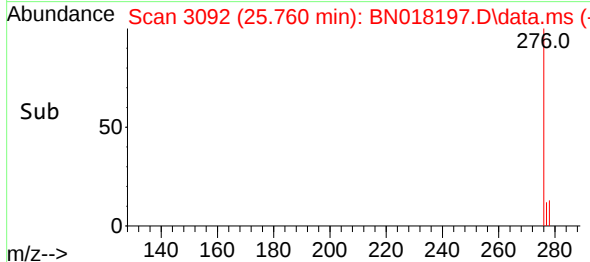
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



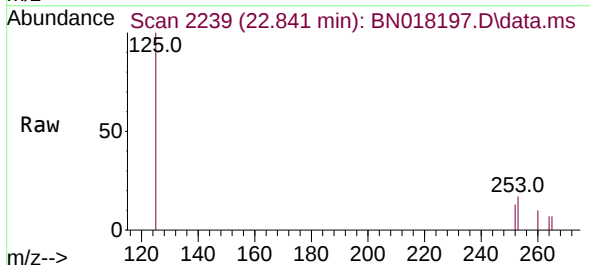
Tgt Ion:276 Resp: 10834
Ion Ratio Lower Upper
276 100
138 0.0 14.9 22.3#
277 34.5 19.9 29.9#

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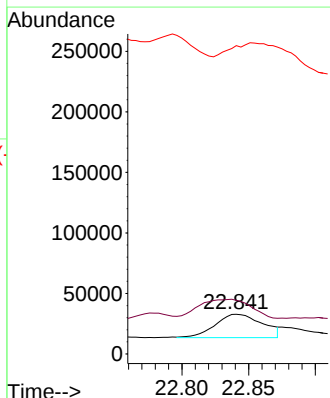
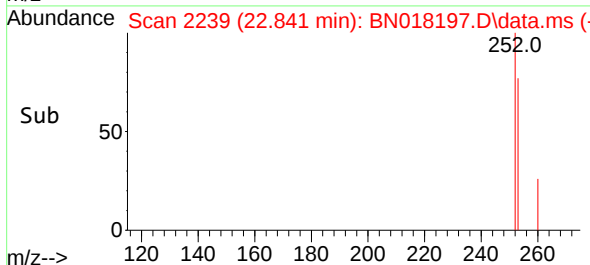
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

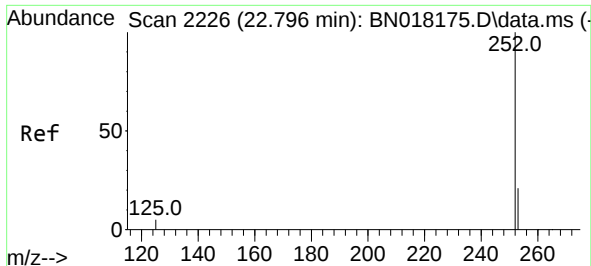


#37
Benzo(b)fluoranthene
Concen: 0.265 ng m
RT: 22.841 min Scan# 2239
Delta R.T. 0.089 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



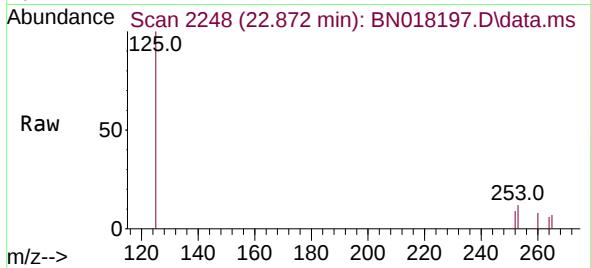
Tgt Ion:252 Resp: 47701
Ion Ratio Lower Upper
252 100
253 135.2 17.8 26.6#
125 777.2 6.0 9.0#





#38
Benzo(k)fluoranthene
Concen: 0.105 ng m
RT: 22.872 min Scan# 21
Delta R.T. 0.076 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13

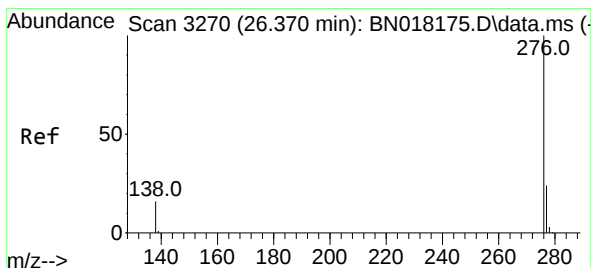
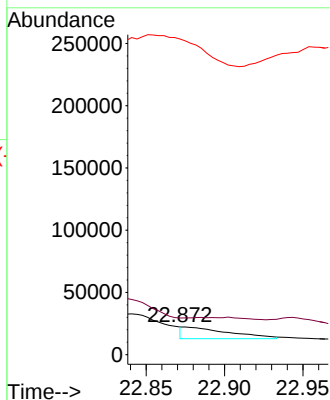
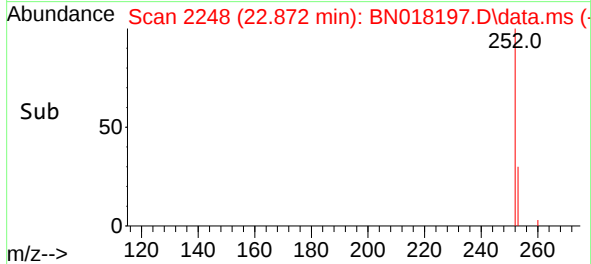
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



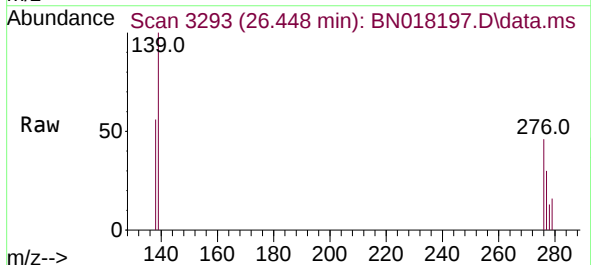
Tgt Ion:252 Resp: 1898
Ion Ratio Lower Upper
252 100
253 132.5 17.7 26.5
125 1140.6 6.2 9.2

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Supervised By :mohammad ahmed 12/30/2021



#41
Benzo(g,h,i)perylene
Concen: 0.111 ng
RT: 26.448 min Scan# 3293
Delta R.T. 0.078 min
Lab File: BN018197.D
Acq: 24 Dec 2021 02:13



Tgt Ion:276 Resp: 17217
Ion Ratio Lower Upper
276 100
277 65.4 19.0 28.6#
138 120.4 12.6 19.0#

