

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018275.D
 Acq On : 30 Dec 2021 00:50
 Operator : CG/JU
 Sample : M5107-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-03

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 02:24:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25501	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	107578	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	73017	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	125796	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	44783m	0.400	ng	0.05
35) Perylene-d12	23.515	264	37882m	0.400	ng	0.09
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	235	0.005	ng	0.03
5) Phenol-d6	6.840	99	2548	0.052	ng	0.00
8) Nitrobenzene-d5	8.784	82	24784	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	59444	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	325	0.313	ng	0.03
15) 2-Fluorobiphenyl	12.886	172	94564	0.342	ng	-0.01
27) Fluoranthene-d10	19.048	212	70621	0.176	ng	0.00
31) Terphenyl-d14	19.664	244	46931m	0.412	ng	0.01
Target Compounds						Qvalue
9) Naphthalene	10.457	128	59278	0.223	ng	98
12) 2-Methylnaphthalene	12.083	142	26617	0.156	ng	97
17) Acenaphthene	14.320	154	9249	0.049	ng	86
18) Fluorene	15.309	166	11609	0.052	ng	# 74
25) Phenanthrene	17.042	178	324678m	0.979	ng	
26) Anthracene	17.139	178	31087	0.144	ng	# 55
28) Fluoranthene	19.078	202	178580	0.460	ng	97
30) Pyrene	19.445	202	136662m	0.778	ng	
32) Benzo(a)anthracene	21.238	228	28870m	0.256	ng	
33) Chrysene	21.281	228	82759m	0.574	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	3742253m	66.946	ng	
36) Indeno(1,2,3-cd)pyrene	25.754	276	18075	0.200	ng	# 78
37) Benzo(b)fluoranthene	22.844	252	55066m	0.457	ng	
38) Benzo(k)fluoranthene	22.868	252	38621m	0.339	ng	
39) Benzo(a)pyrene	23.324	252	31726	0.303	ng	# 1
40) Dibenzo(a,h)anthracene	25.761	278	7337	0.114	ng	# 1
41) Benzo(g,h,i)perylene	26.442	276	21986	0.244	ng	# 13

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

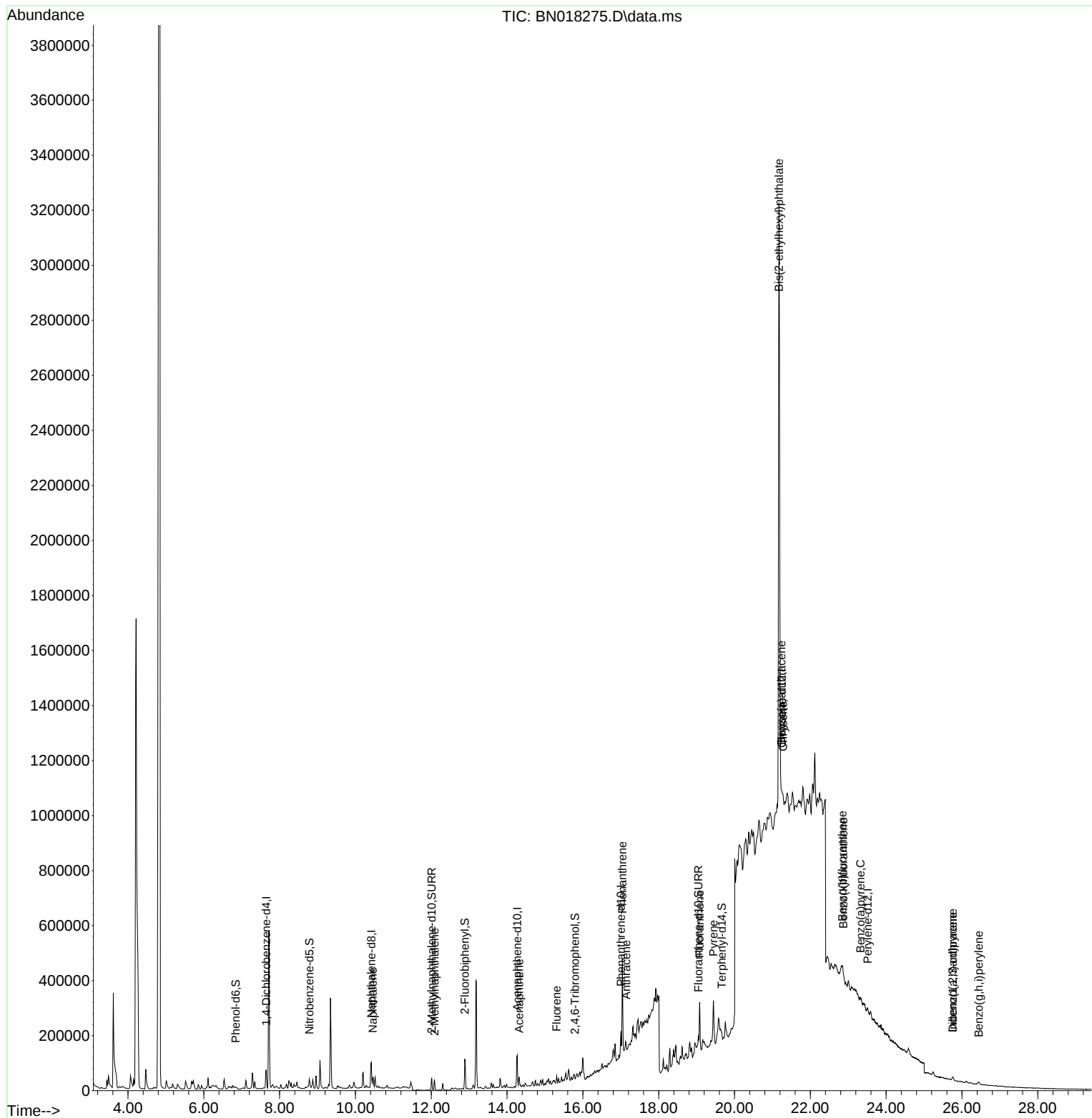
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018275.D
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 Operator : CG/JU
 Sample : M5107-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

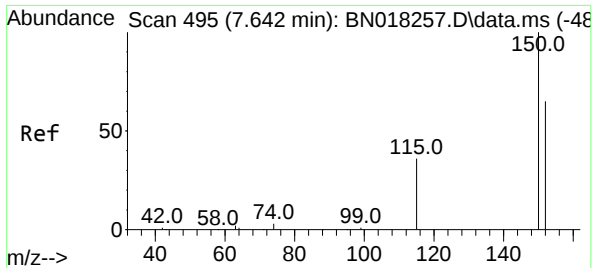
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 Supervised By :mohammad ahmed 12/30/2021

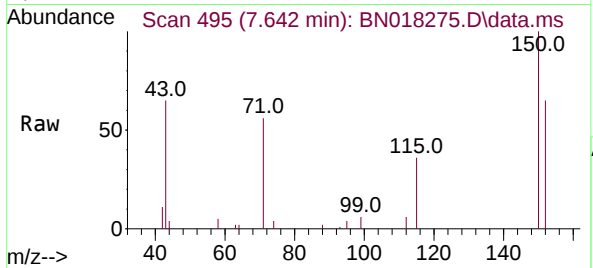
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

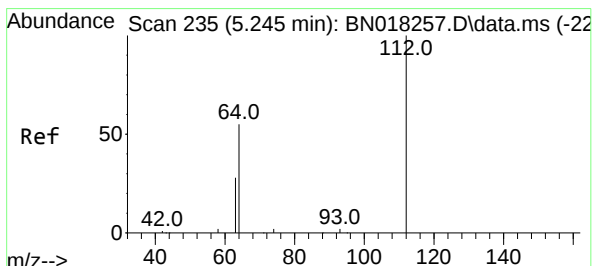
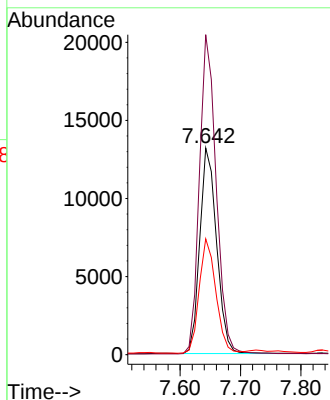
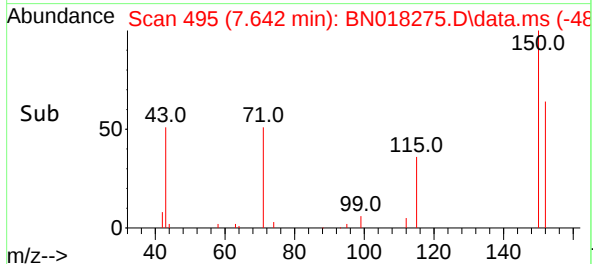
Instrument :
BNA_N
ClientSampleId :
OB-CS-03



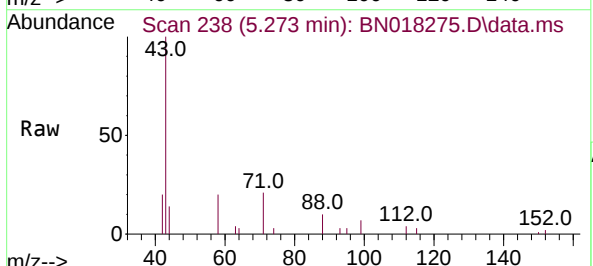
Tgt Ion:152 Resp: 2550
Ion Ratio Lower Upper
152 100
150 154.7 121.7 182.5
115 56.0 43.8 65.8

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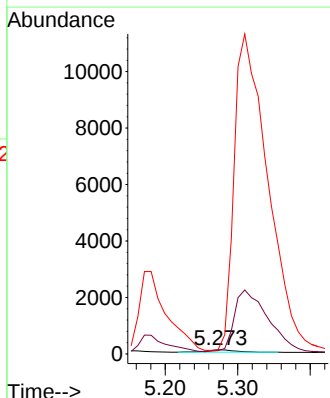
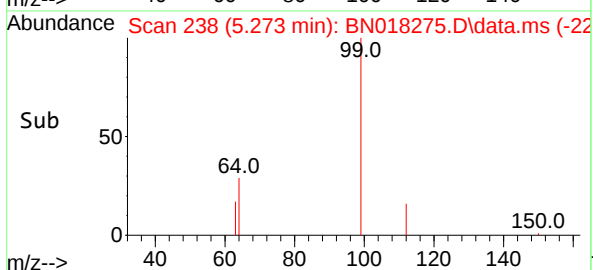
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

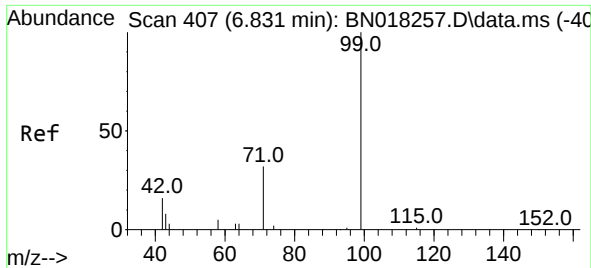


#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



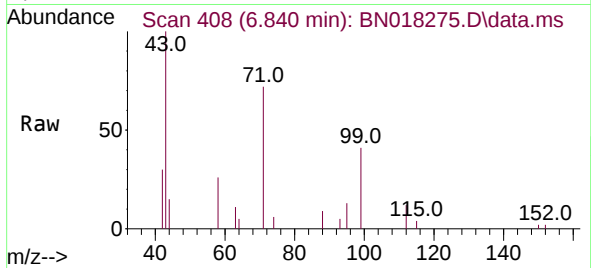
Tgt Ion:112 Resp: 235
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.052 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

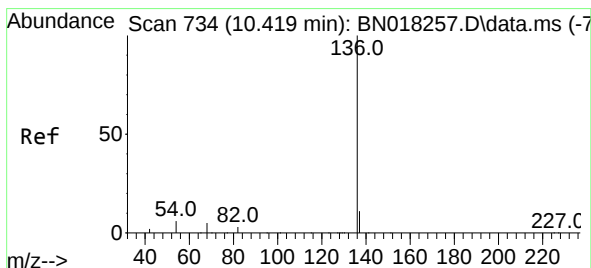
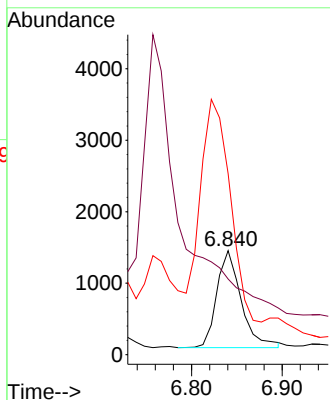
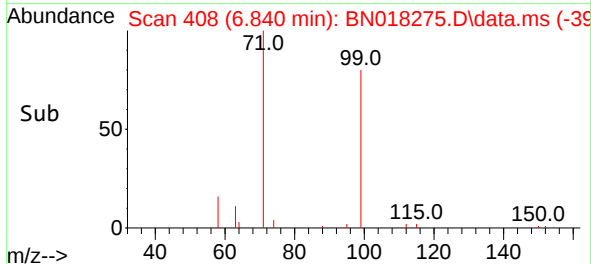
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 99 Resp: 2548
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 274.5 26.8 40.2

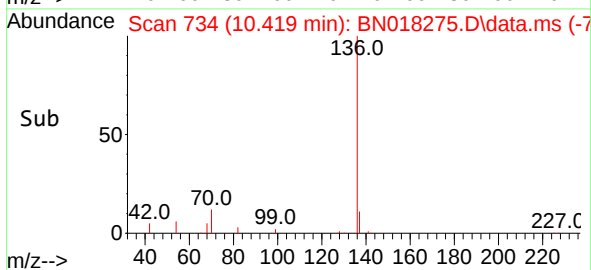
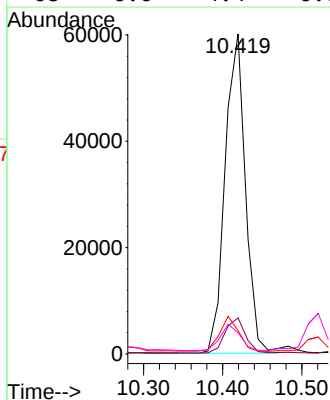
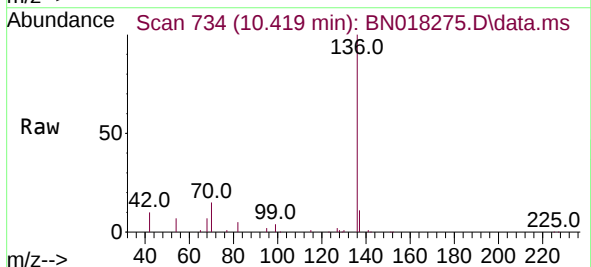
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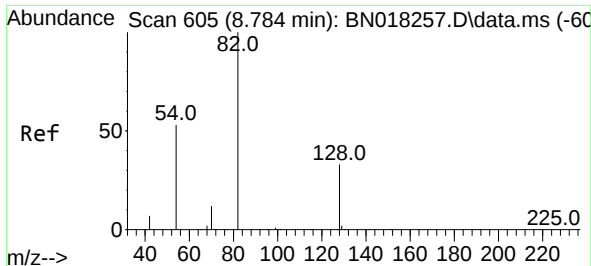
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:136 Resp: 107578
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.3 5.0 7.6
68 6.6 4.4 6.6





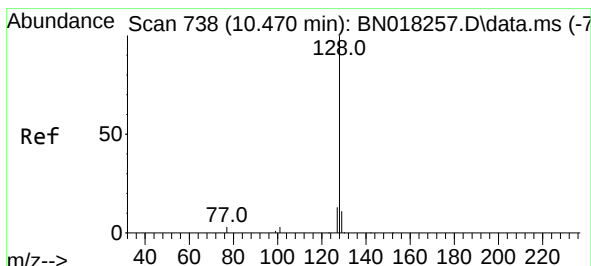
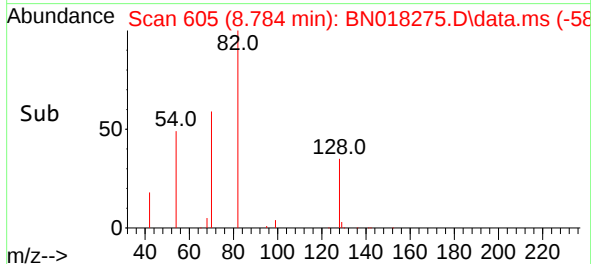
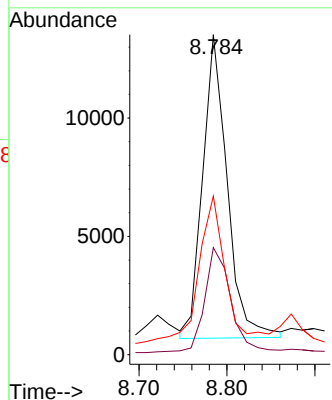
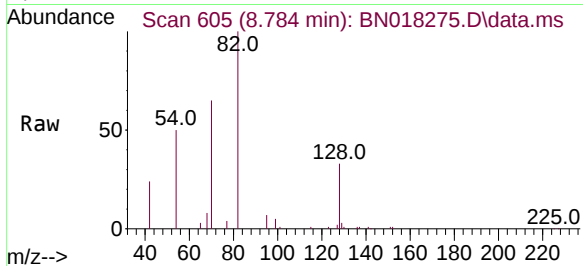
#8
Nitrobenzene-d5
Concen: 0.448 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03

Tgt Ion: 82 Resp: 24784
Ion Ratio Lower Upper
82 100
128 33.5 33.7 50.5
54 49.6 36.6 55.0

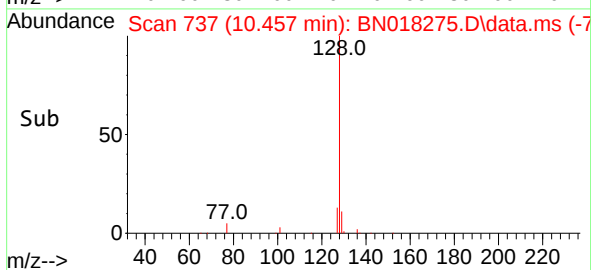
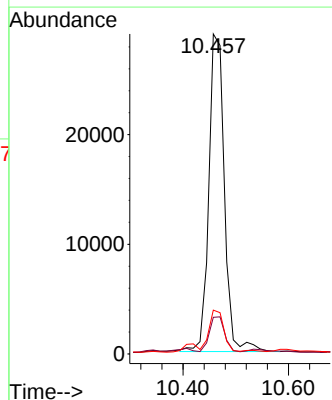
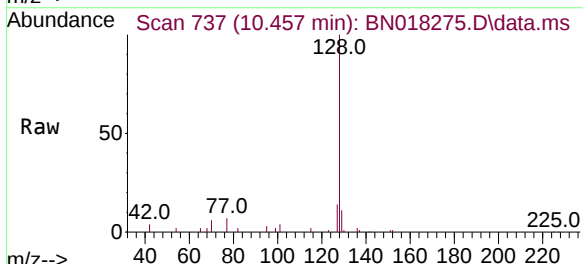
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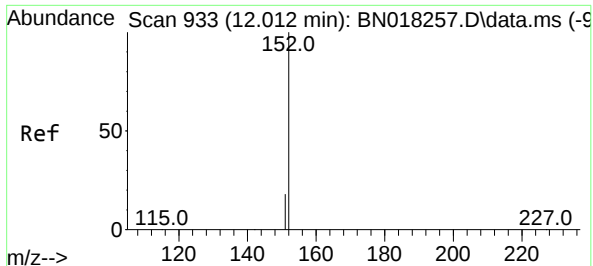
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.223 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.013 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Tgt Ion:128 Resp: 59278
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.7 10.4 15.6





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.007 min Scan# 911

Delta R.T. -0.004 min

Lab File: BN018275.D

Acq: 30 Dec 2021 00:50

Instrument :

BNA_N

ClientSampleId :

OB-CS-03

Tgt Ion:152 Resp: 5944

Ion Ratio Lower Upper

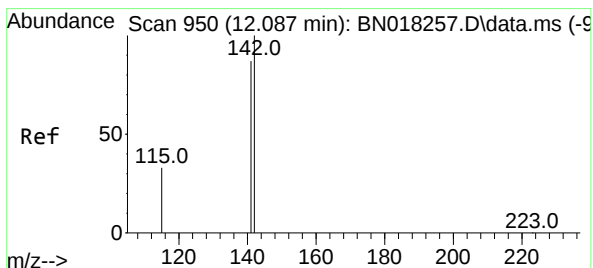
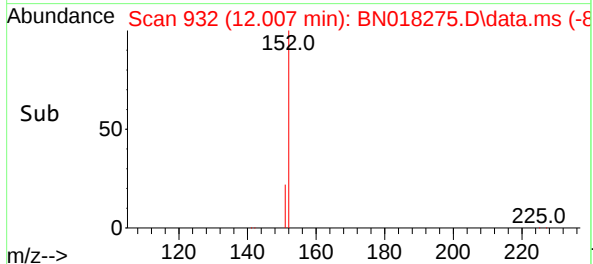
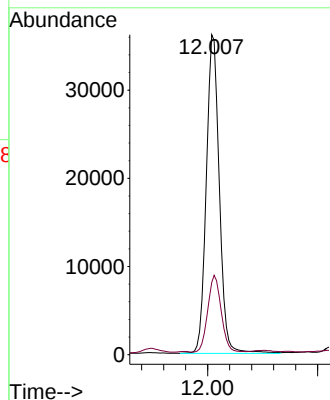
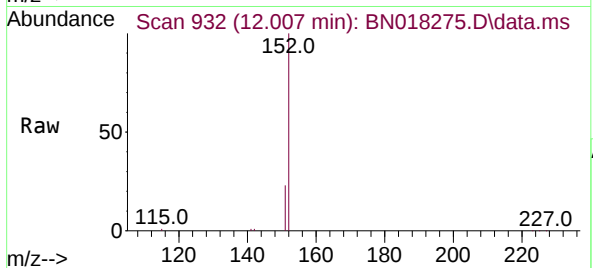
152 100

151 24.7 16.2 24.2

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#12

2-Methylnaphthalene

Concen: 0.156 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.004 min

Lab File: BN018275.D

Acq: 30 Dec 2021 00:50

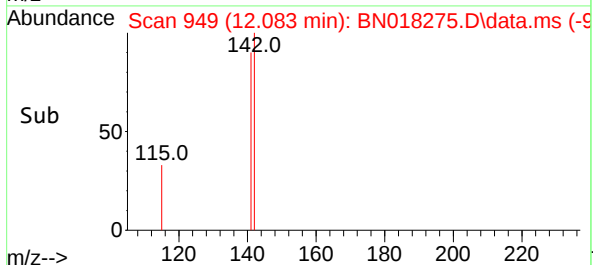
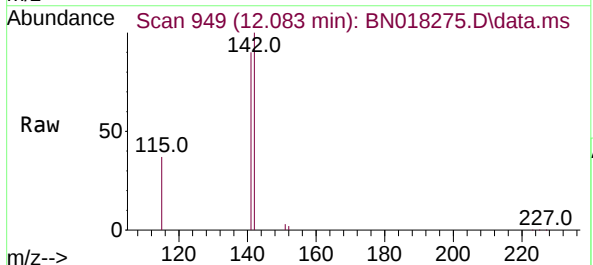
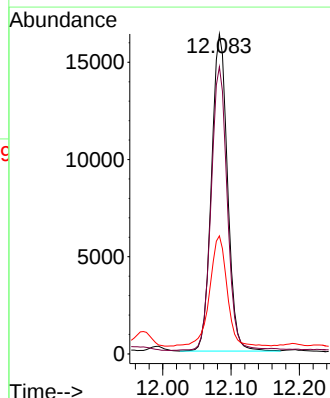
Tgt Ion:142 Resp: 26617

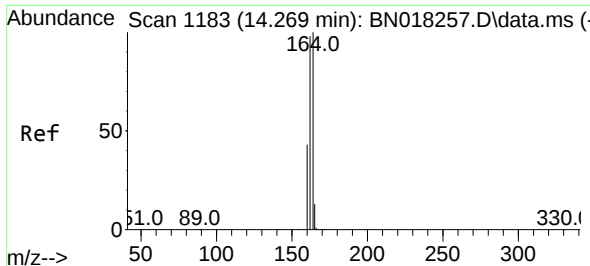
Ion Ratio Lower Upper

142 100

141 89.8 70.0 105.0

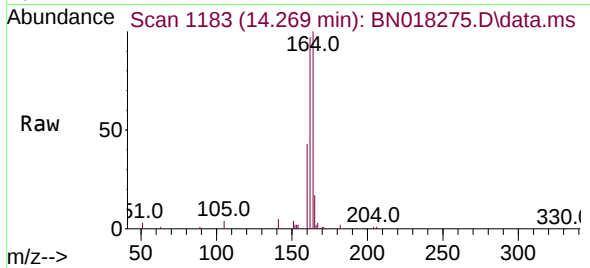
115 36.9 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

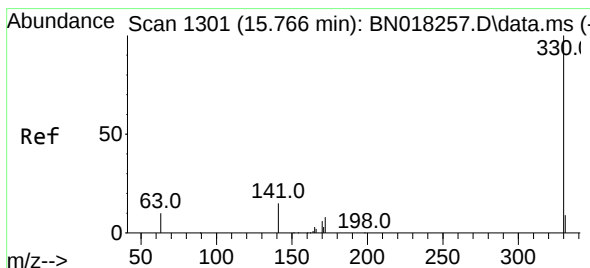
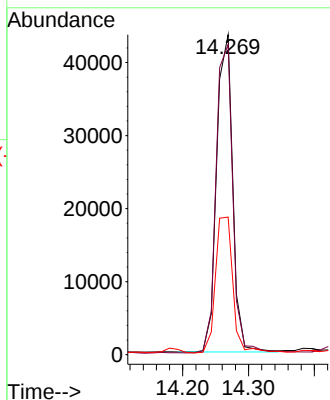
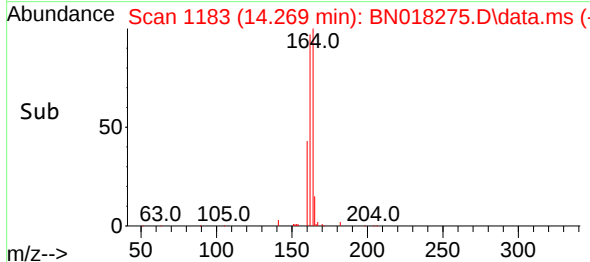
Instrument :
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ClientSampleId :
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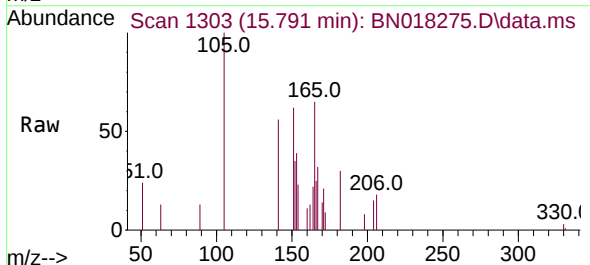
Tgt Ion:164 Resp: 7301
Ion Ratio Lower Upper
164 100
162 96.9 80.2 120.2
160 43.0 36.9 55.3

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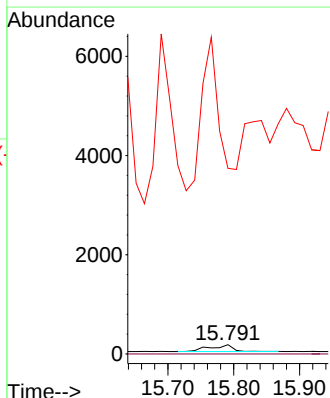
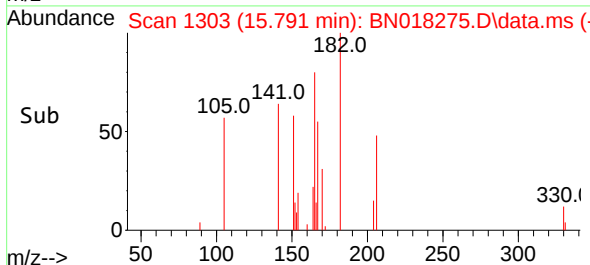
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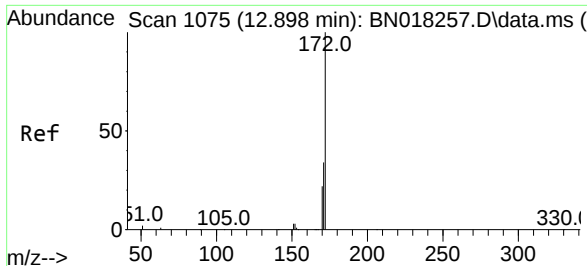


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.025 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



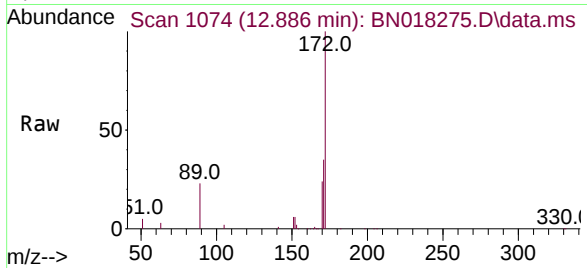
Tgt Ion:330 Resp: 325
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#





#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.886 min Scan# 1107
Delta R.T. -0.013 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

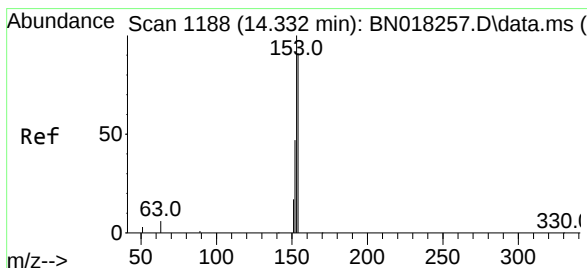
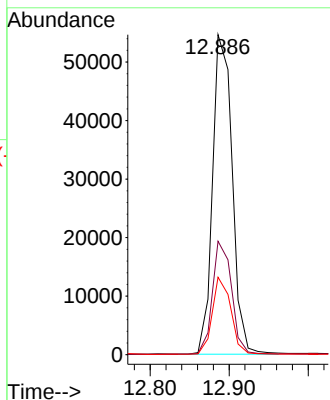
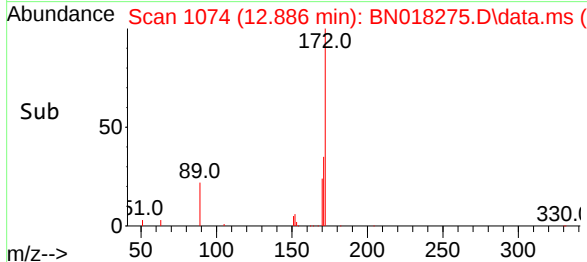
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Tgt Ion:172 Resp: 94564
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 24.2 18.4 27.6

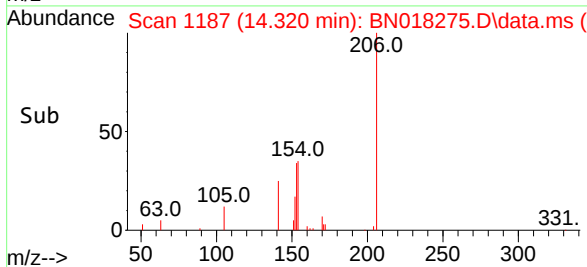
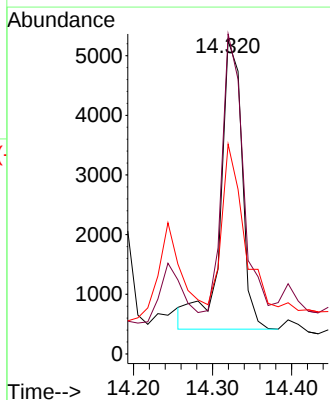
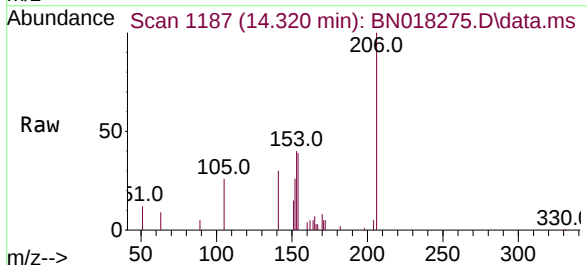
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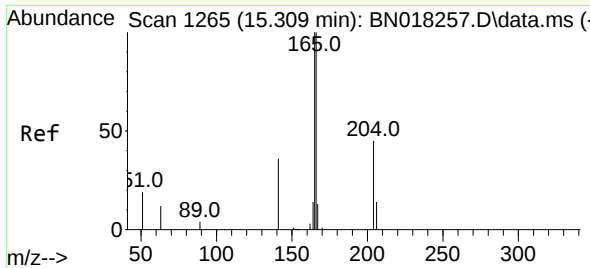
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#17
Acenaphthene
Concen: 0.049 ng
RT: 14.320 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

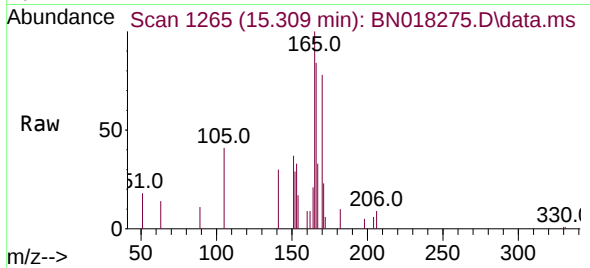
Tgt Ion:154 Resp: 9249
Ion Ratio Lower Upper
154 100
153 94.4 90.9 136.3
152 61.5 45.0 67.4





#18
Fluorene
Concen: 0.052 ng
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

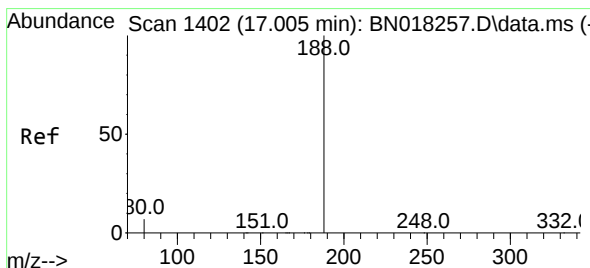
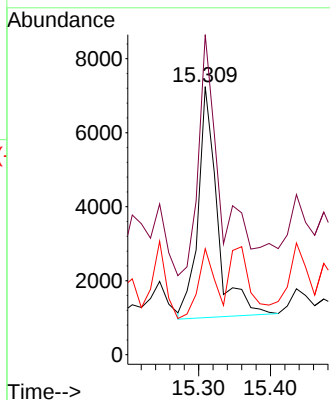
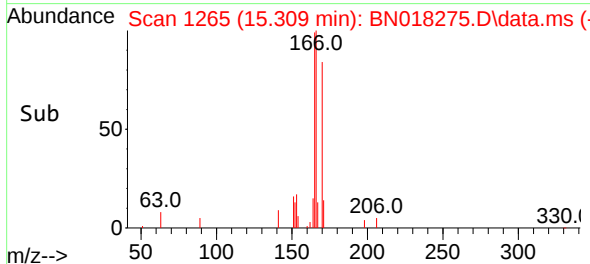
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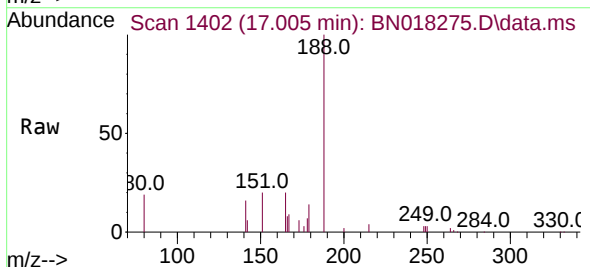
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Ion Ratio Lower Upper
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165 121.4 77.8 116.6
167 26.7 10.9 16.3

Manual Integrations
APPROVED

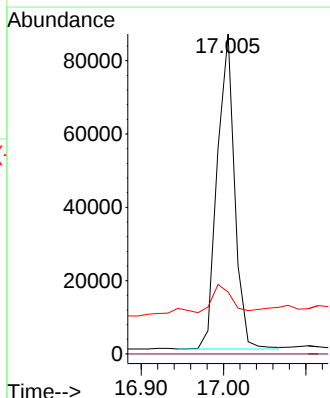
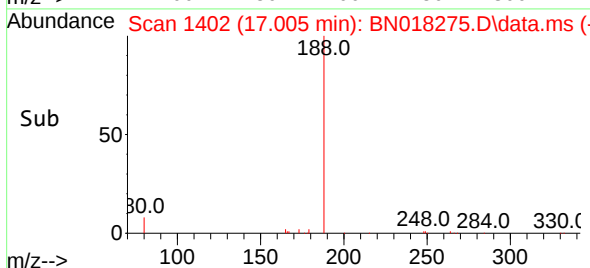
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

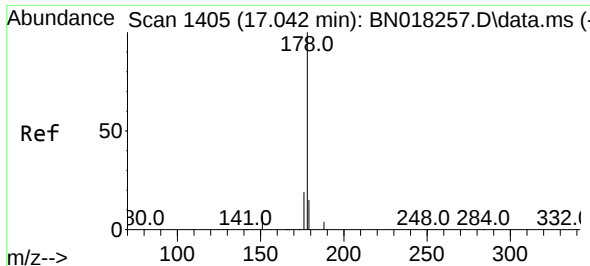


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



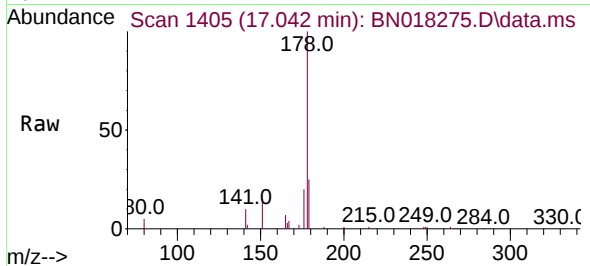
Tgt Ion:188 Resp: 125796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.4 7.0 10.4





#25
Phenanthrene
Concen: 0.979 ng m
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

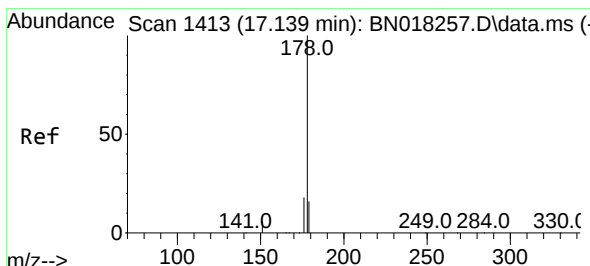
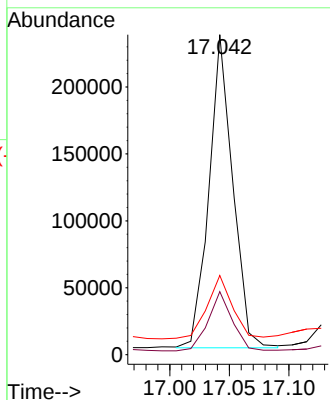
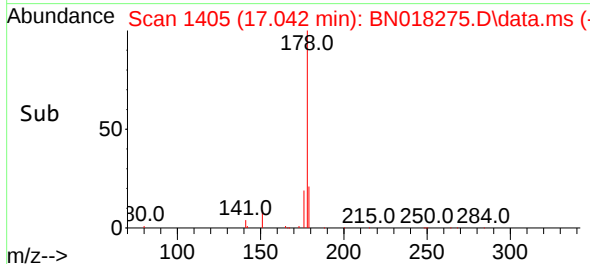
Instrument :
BNA_N
ClientSampleId :
OB-CS-03



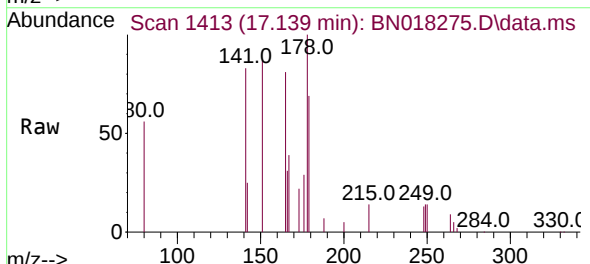
Tgt Ion:178 Resp: 324678
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 22.1 12.3 18.5

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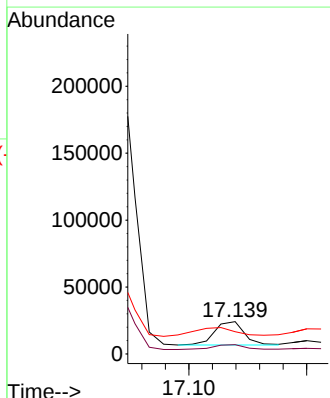
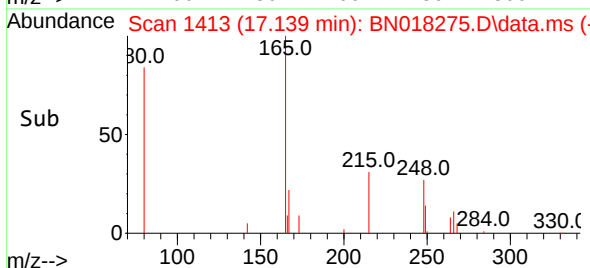
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

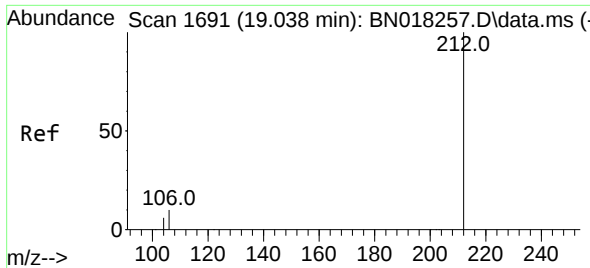


#26
Anthracene
Concen: 0.144 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



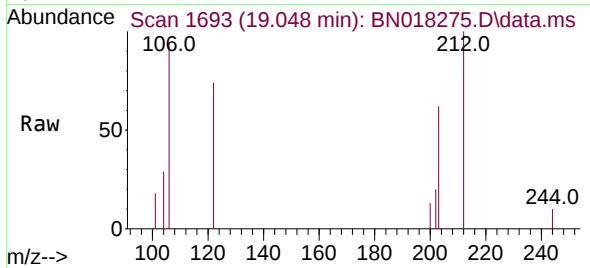
Tgt Ion:178 Resp: 31087
Ion Ratio Lower Upper
178 100
176 22.5 14.8 22.2#
179 52.6 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.048 min Scan# 1691
Delta R.T. 0.010 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

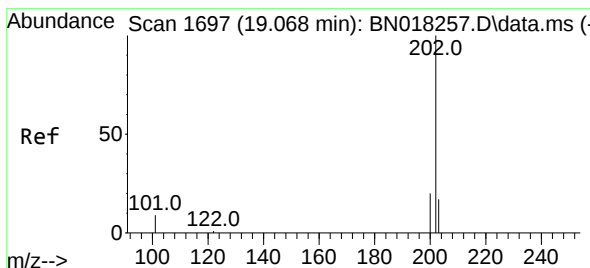
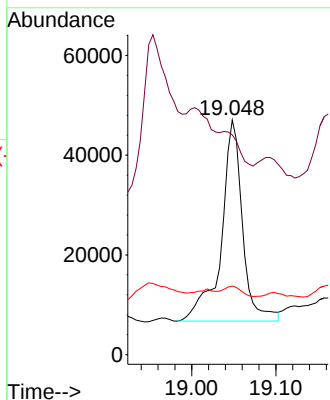
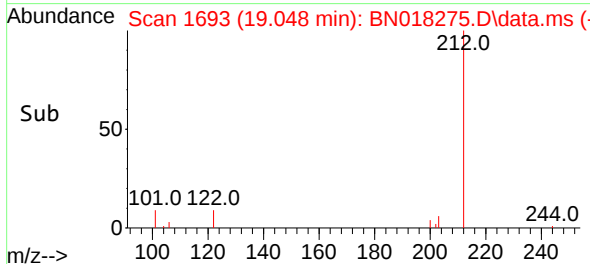
Instrument :
BNA_N
ClientSampleId :
OB-CS-03



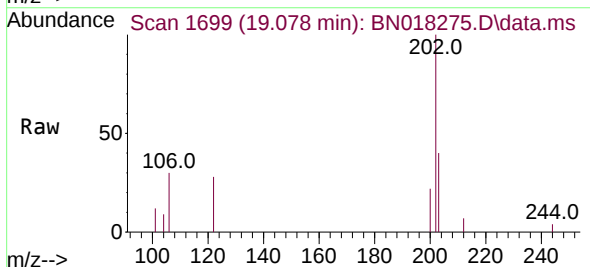
Tgt Ion:212 Resp: 7062
Ion Ratio Lower Upper
212 100
106 0.0 8.4 12.6
104 4.3 4.5 6.7

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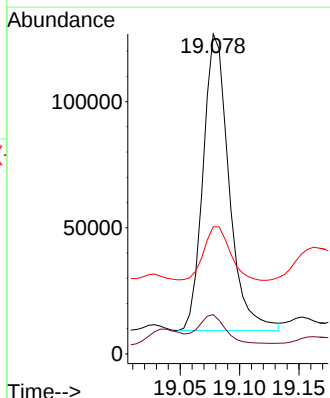
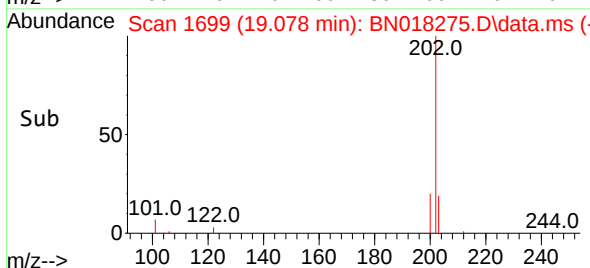
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

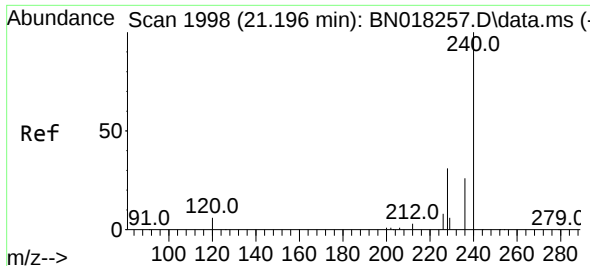


#28
Fluoranthene
Concen: 0.460 ng
RT: 19.078 min Scan# 1699
Delta R.T. 0.010 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



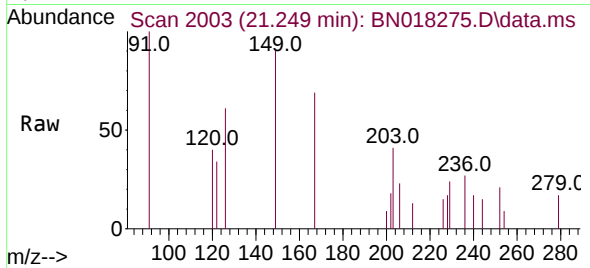
Tgt Ion:202 Resp: 178580
Ion Ratio Lower Upper
202 100
101 10.1 7.2 10.8
203 18.1 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng m
RT: 21.249 min Scan# 20
Delta R.T. 0.053 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

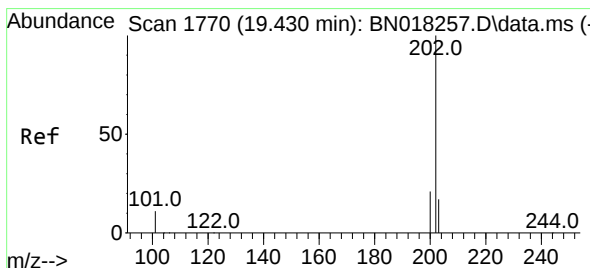
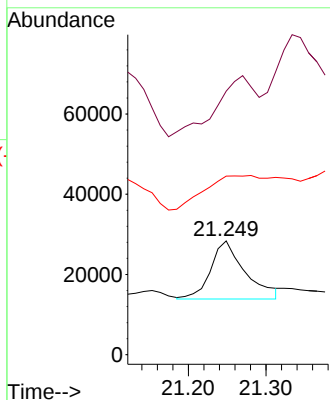
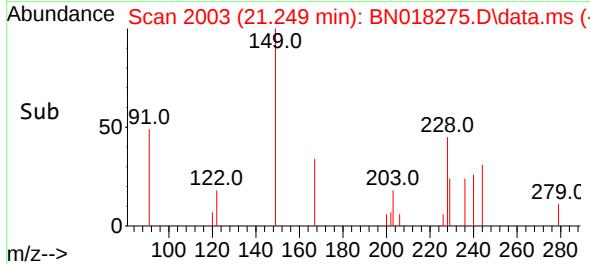
Instrument :
BNA_N
ClientSampleId :
OB-CS-03



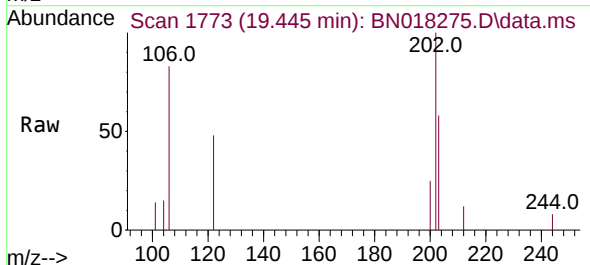
Tgt Ion:240 Resp: 4478
Ion Ratio Lower Upper
240 100
120 231.7 6.0 9.0
236 157.0 21.4 32.2

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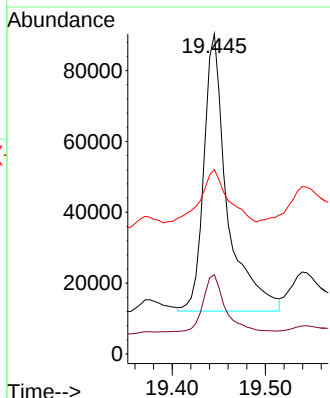
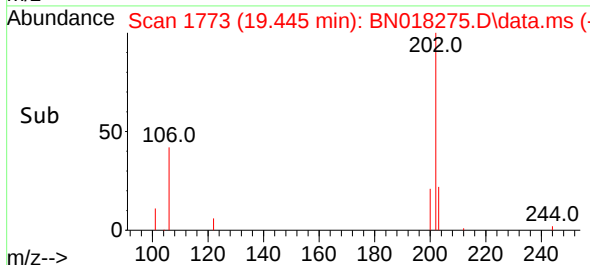
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

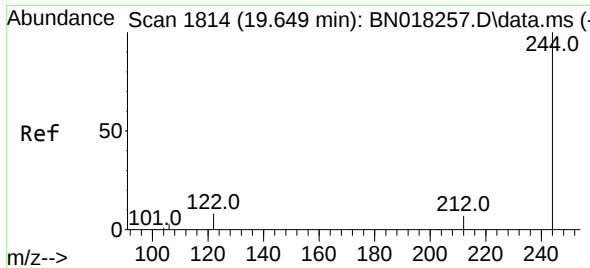


#30
Pyrene
Concen: 0.778 ng m
RT: 19.445 min Scan# 1773
Delta R.T. 0.015 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



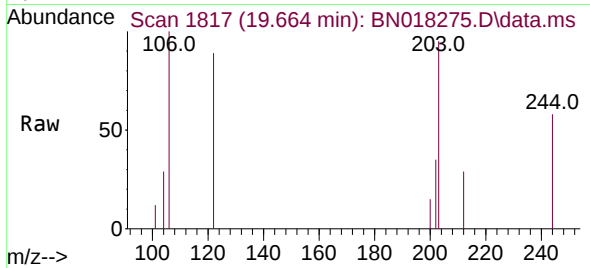
Tgt Ion:202 Resp: 136662
Ion Ratio Lower Upper
202 100
200 1.0 16.6 25.0#
203 6.0 14.1 21.1#





#31
 Terphenyl-d14
 Concen: 0.412 ng m
 RT: 19.664 min Scan# 11
 Delta R.T. 0.015 min
 Lab File: BN018275.D
 Acq: 30 Dec 2021 00:50

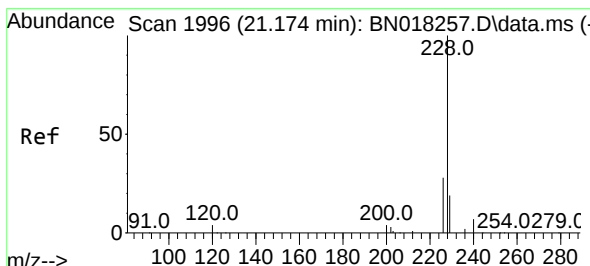
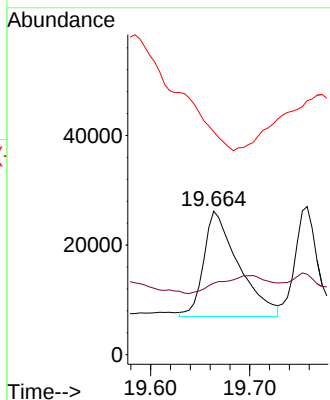
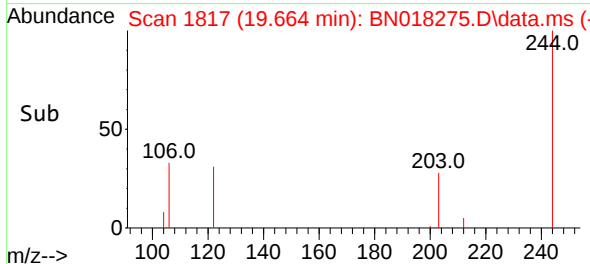
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-03



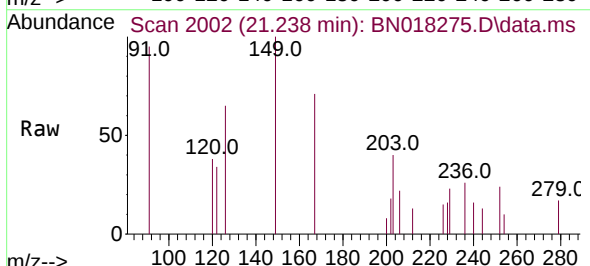
Tgt Ion:244 Resp: 4693
 Ion Ratio Lower Upper
 244 100
 212 49.8 6.2 9.2
 122 155.4 7.9 11.9

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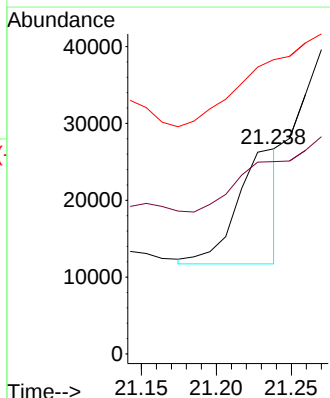
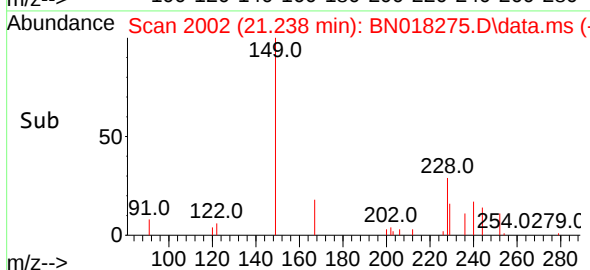
Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/30/2021

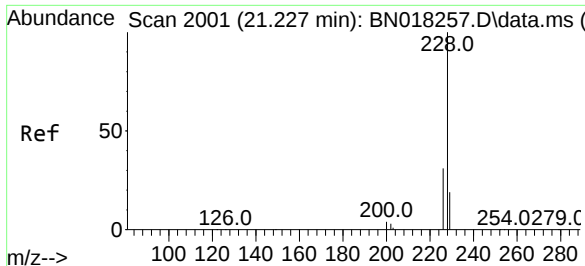


#32
 Benzo(a)anthracene
 Concen: 0.256 ng m
 RT: 21.238 min Scan# 2002
 Delta R.T. 0.064 min
 Lab File: BN018275.D
 Acq: 30 Dec 2021 00:50



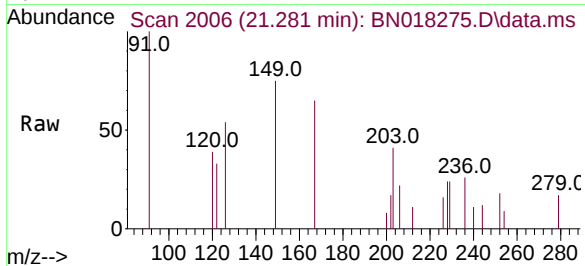
Tgt Ion:228 Resp: 28870
 Ion Ratio Lower Upper
 228 100
 226 93.8 21.3 31.9#
 229 143.5 15.9 23.9#





#33
Chrysene
Concen: 0.574 ng m
RT: 21.281 min Scan# 2006
Delta R.T. 0.053 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

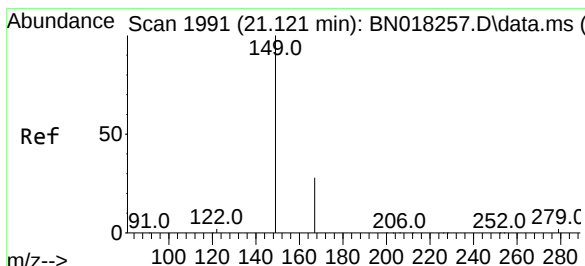
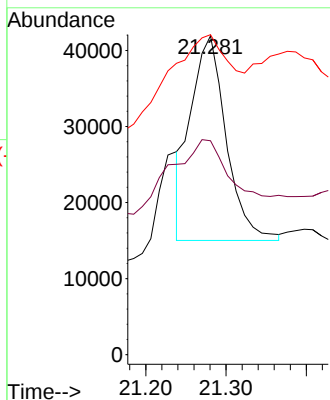
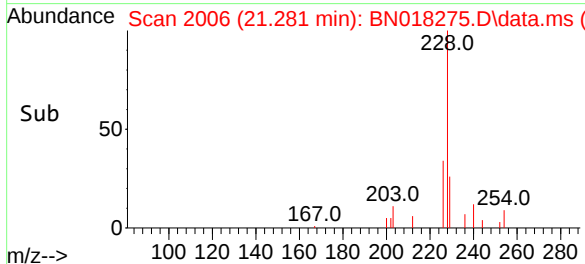
Instrument :
BNA_N
ClientSampleId :
OB-CS-03



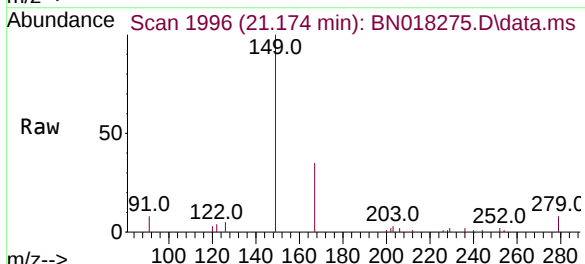
Tgt Ion:228 Resp: 82759
Ion Ratio Lower Upper
228 100
226 67.1 24.2 36.4#
229 100.4 15.5 23.3#

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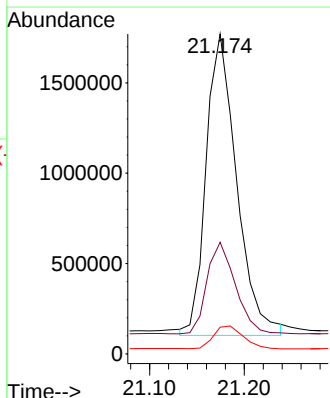
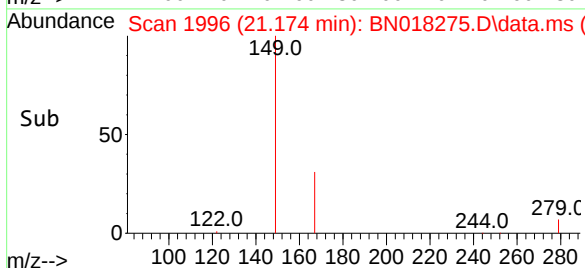
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

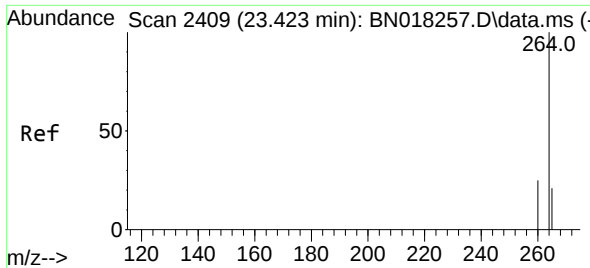


#34
Bis(2-ethylhexyl)phthalate
Concen: 66.946 ng m
RT: 21.174 min Scan# 1996
Delta R.T. 0.053 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



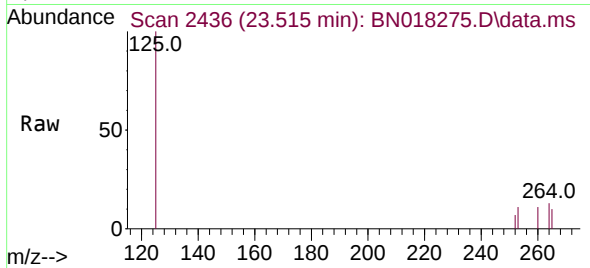
Tgt Ion:149 Resp: 3742253
Ion Ratio Lower Upper
149 100
167 0.0 23.7 35.5#
279 0.0 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng m
RT: 23.515 min Scan# 2436
Delta R.T. 0.092 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

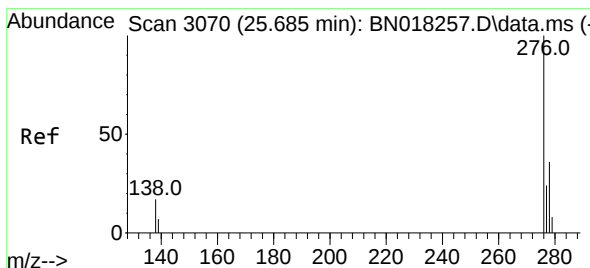
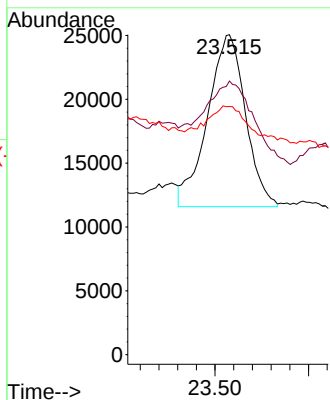
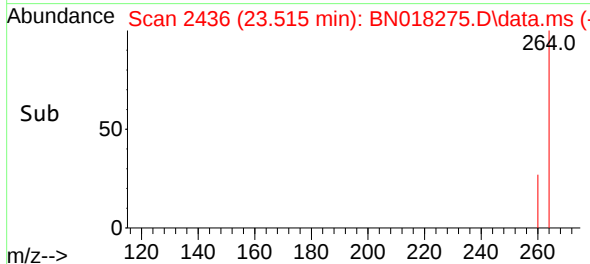
Instrument :
BNA_N
ClientSampleId :
OB-CS-03



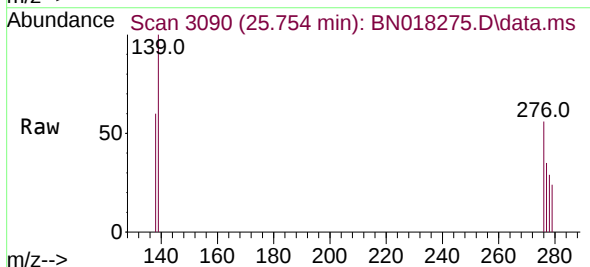
Tgt Ion:264 Resp: 3788
Ion Ratio Lower Upper
264 100
260 85.5 20.2 30.4
265 77.6 18.2 27.2

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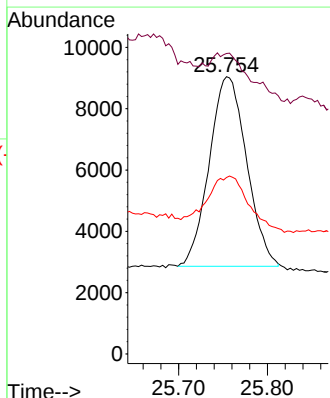
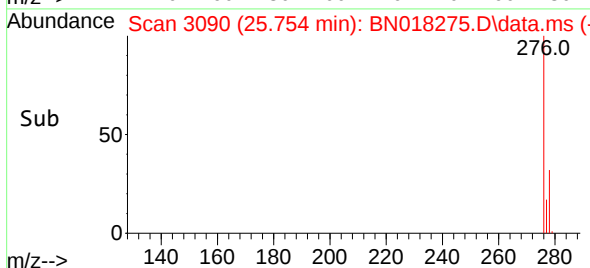
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

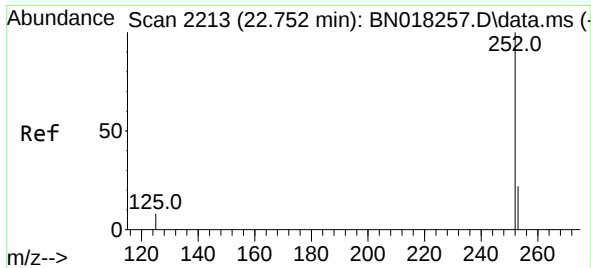


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.069 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



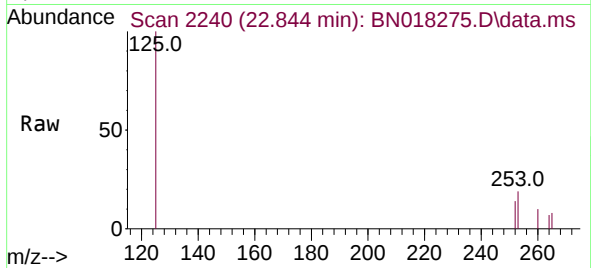
Tgt Ion:276 Resp: 18075
Ion Ratio Lower Upper
276 100
138 1.4 14.9 22.3
277 29.4 19.9 29.9





#37
Benzo(b)fluoranthene
Concen: 0.457 ng m
RT: 22.844 min Scan# 21
Delta R.T. 0.092 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

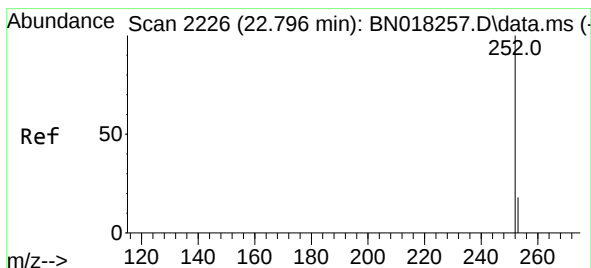
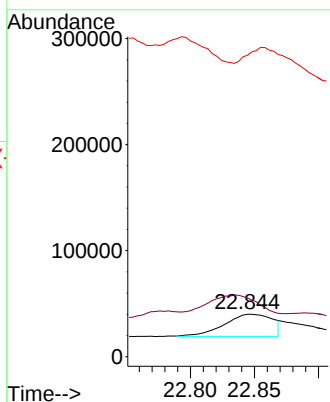
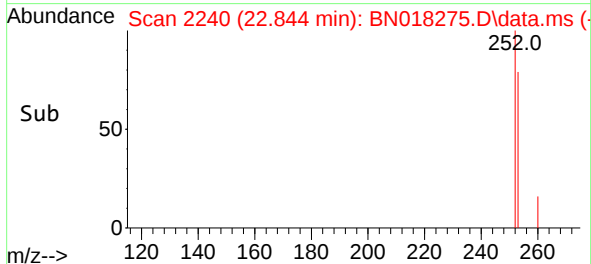
Instrument :
BNA_N
ClientSampleId :
OB-CS-03



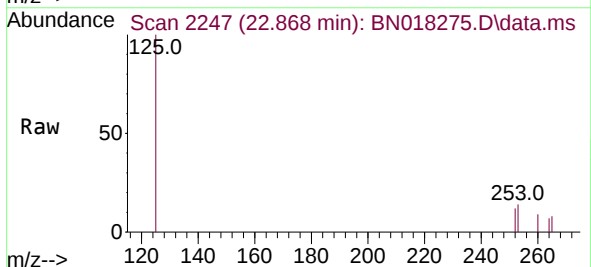
Tgt Ion:252 Resp: 55060
Ion Ratio Lower Upper
252 100
253 138.4 17.8 26.6#
125 710.6 6.0 9.0#

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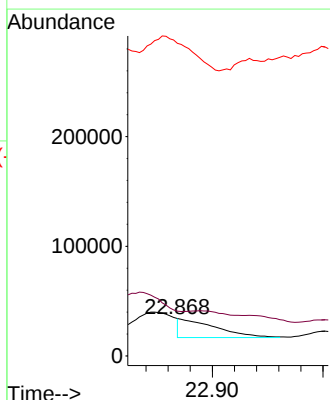
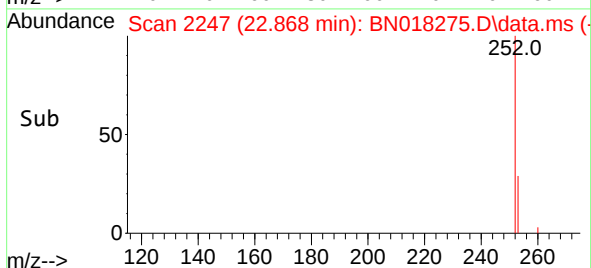
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

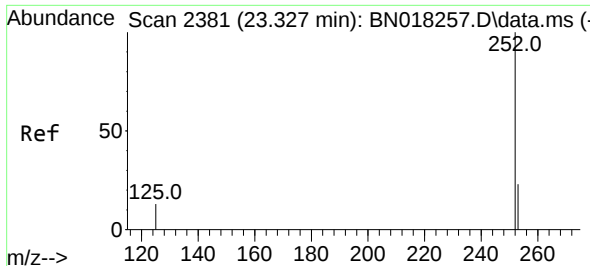


#38
Benzo(k)fluoranthene
Concen: 0.339 ng m
RT: 22.868 min Scan# 2247
Delta R.T. 0.072 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



Tgt Ion:252 Resp: 38621
Ion Ratio Lower Upper
252 100
253 119.6 17.7 26.5#
125 835.1 6.2 9.2#





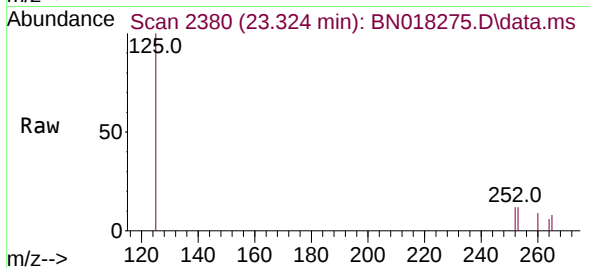
#39
Benzo(a)pyrene
Concen: 0.303 ng
RT: 23.324 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :

BN018275.D

ClientSampleId :

OB-CS-03

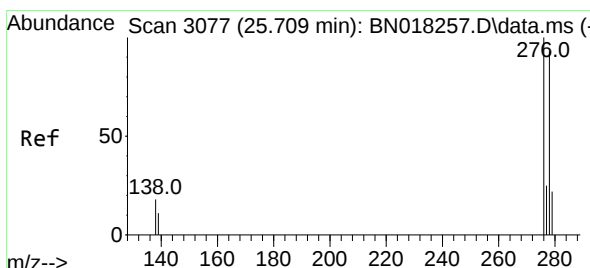
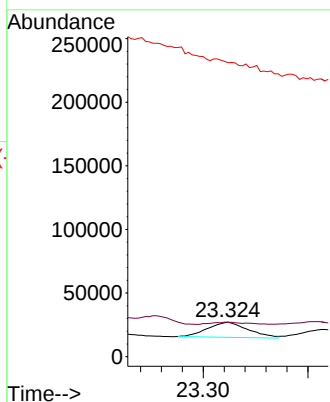
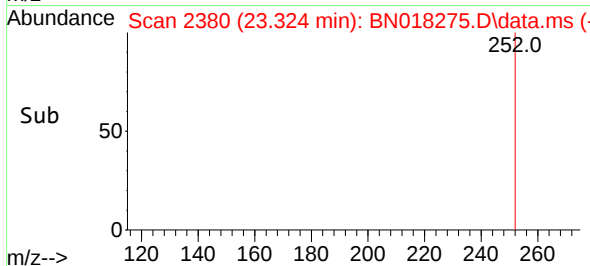


Tgt Ion:252 Resp: 31720
Ion Ratio Lower Upper
252 100
253 99.3 17.8 26.6#
125 848.9 7.0 10.4#

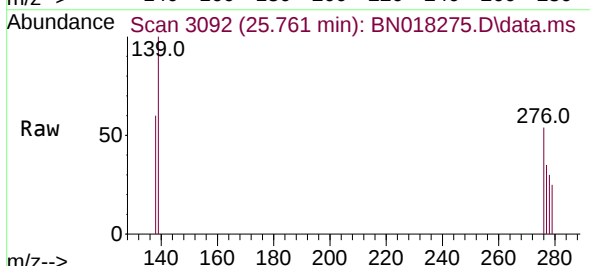
Manual Integrations

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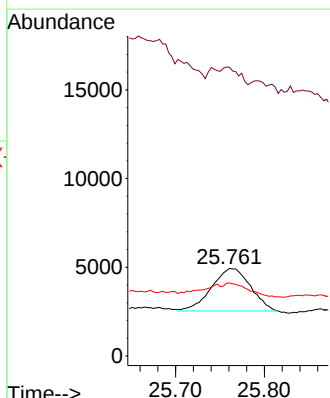
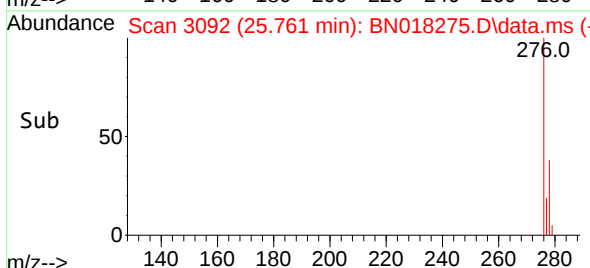
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

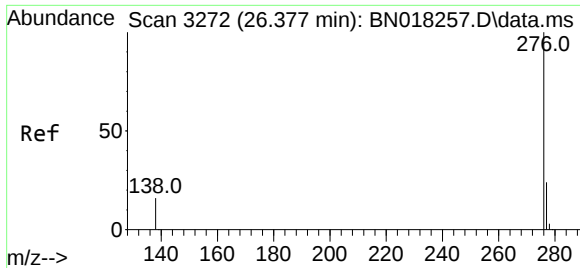


#40
Dibenzo(a,h)anthracene
Concen: 0.114 ng
RT: 25.761 min Scan# 3092
Delta R.T. 0.051 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50



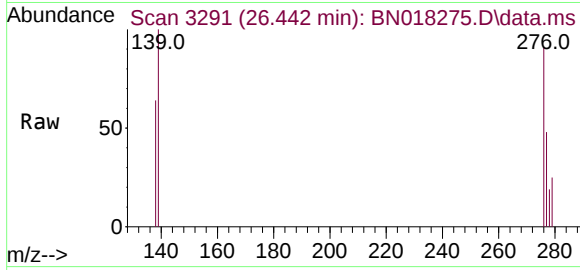
Tgt Ion:278 Resp: 7337
Ion Ratio Lower Upper
278 100
139 330.1 10.8 16.2#
279 83.5 19.0 28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.244 ng
RT: 26.442 min Scan# 31
Delta R.T. 0.065 min
Lab File: BN018275.D
Acq: 30 Dec 2021 00:50

Instrument :
BNA_N
ClientSampleId :
OB-CS-03



Tgt Ion:276 Resp: 21980
Ion Ratio Lower Upper
276 100
277 52.7 19.0 28.6
138 70.5 12.6 19.0

Manual Integrations
APPROVED

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

