

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018278.D
 Acq On : 30 Dec 2021 02:38
 Operator : CG/JU
 Sample : M5107-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-06

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 03:26:35 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	22723	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	100799	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	66255	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	110990	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	41187	0.400	ng	# 0.05
35) Perylene-d12	23.505	264	27901m	0.400	ng	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	320	0.007	ng	0.03
5) Phenol-d6	6.840	99	1840	0.042	ng	0.00
8) Nitrobenzene-d5	8.784	82	22667	0.440	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	54029	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	198	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.886	172	83011	0.331	ng	-0.01
27) Fluoranthene-d10	19.053	212	74647	0.211	ng	0.01
31) Terphenyl-d14	19.674	244	41640	0.398	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.457	128	29027	0.116	ng	96
12) 2-Methylnaphthalene	12.083	142	13627	0.085	ng	95
25) Phenanthrene	17.042	178	122114m	0.417	ng	
26) Anthracene	17.139	178	14493	0.097	ng	# 1
28) Fluoranthene	19.083	202	180891	0.528	ng	99
30) Pyrene	19.450	202	188009	1.164	ng	# 93
32) Benzo(a)anthracene	21.238	228	15014m	0.169	ng	
33) Chrysene	21.281	228	98126m	0.740	ng	
34) Bis(2-ethylhexyl)phtha...	21.185	149	3724479	72.445	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.754	276	10207	0.153	ng	# 77
37) Benzo(b)fluoranthene	22.841	252	59049m	0.666	ng	
38) Benzo(k)fluoranthene	22.872	252	20169m	0.240	ng	
41) Benzo(g,h,i)perylene	26.445	276	16273	0.245	ng	# 1

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

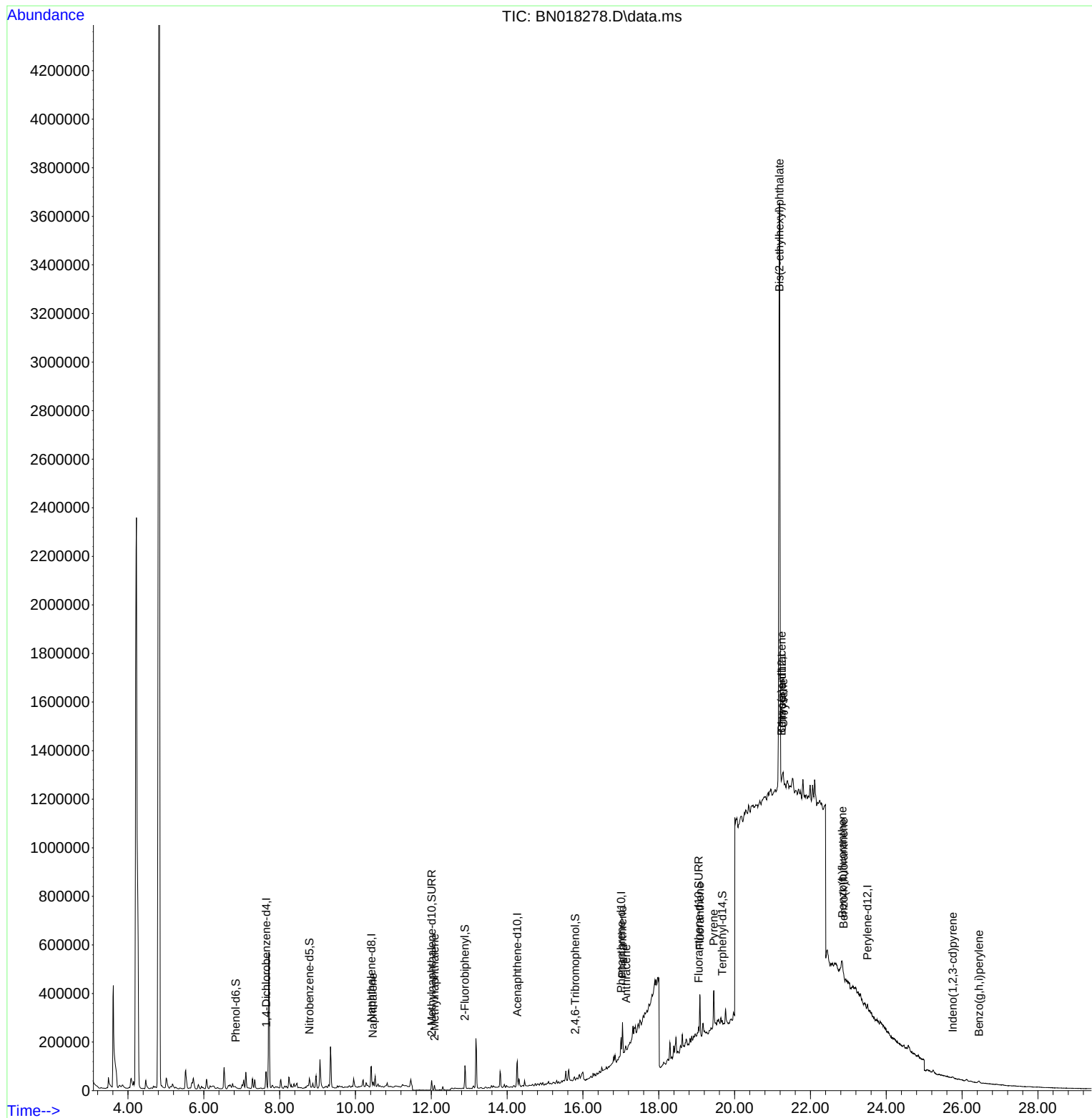
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018278.D
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ALS Vial : 25 Sample Multiplier: 1

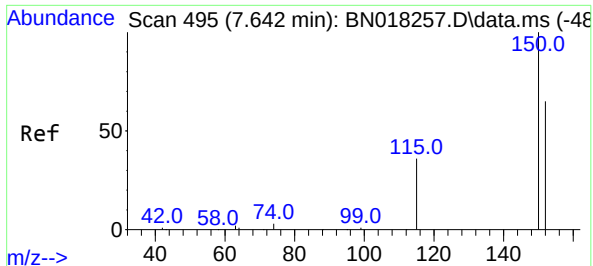
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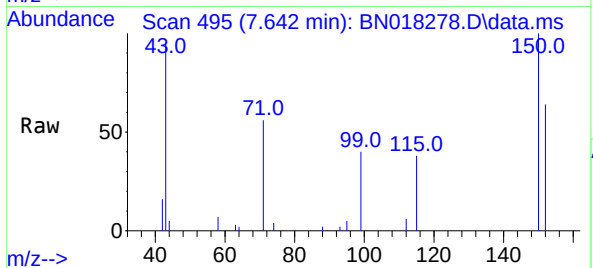
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :

BNA_N

ClientSampleId :

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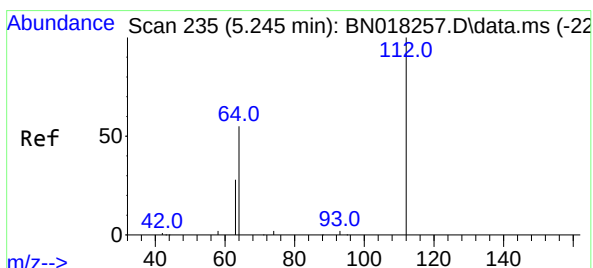
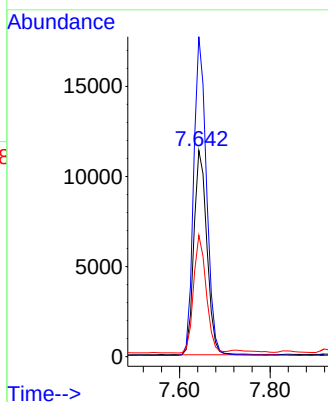
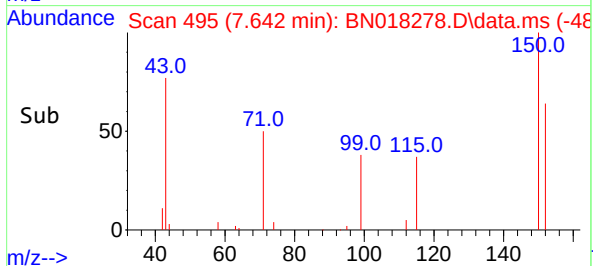


Tgt Ion:152 Resp: 2272
Ion Ratio Lower Upper
152 100
150 155.2 121.7 182.5
115 58.9 43.8 65.8

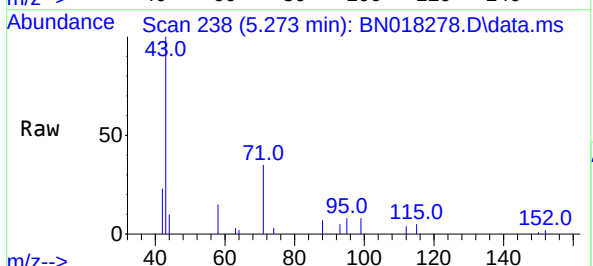
Manual Integrations

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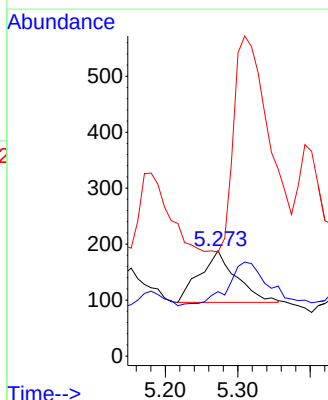
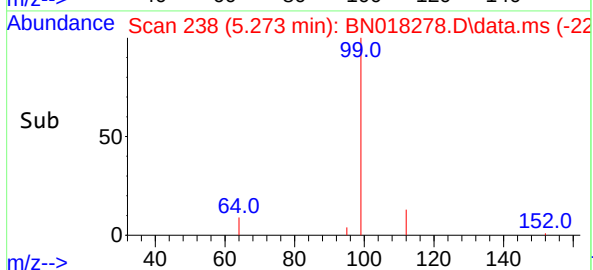
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

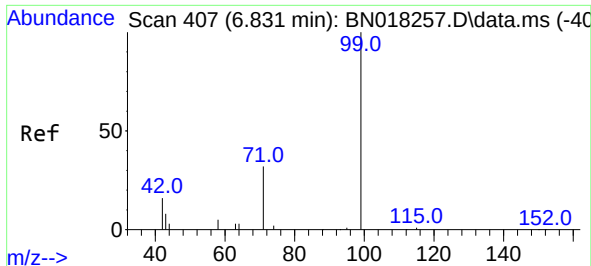


#4
2-Fluorophenol
Concen: 0.007 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



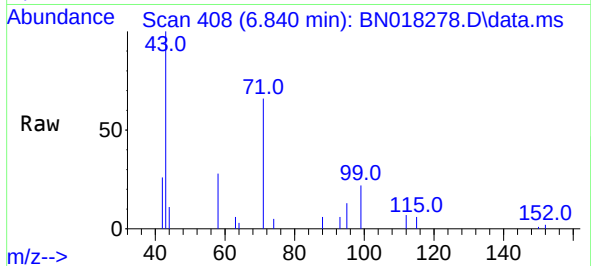
Tgt Ion:112 Resp: 320
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.042 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

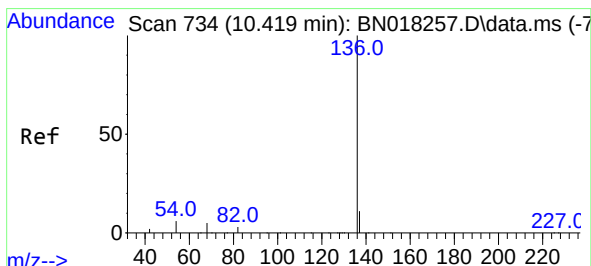
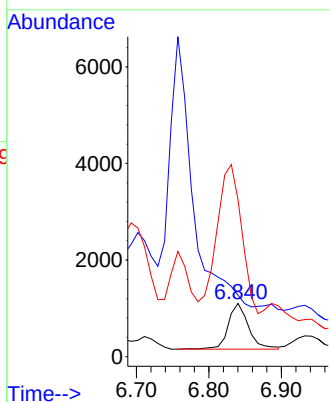
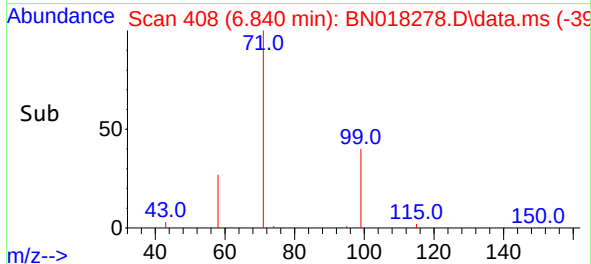
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



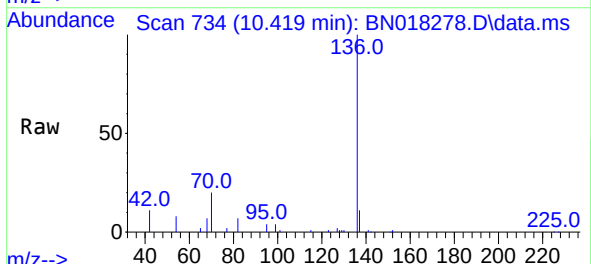
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Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 394.0 26.8 40.2

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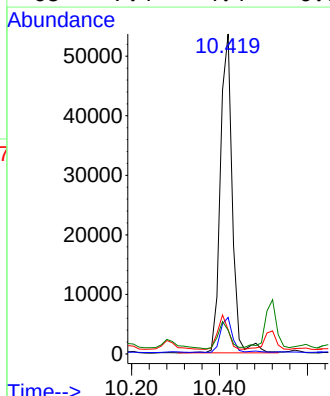
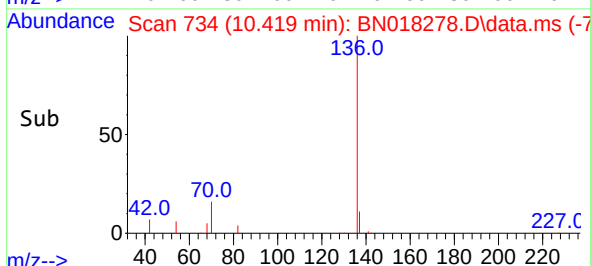
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

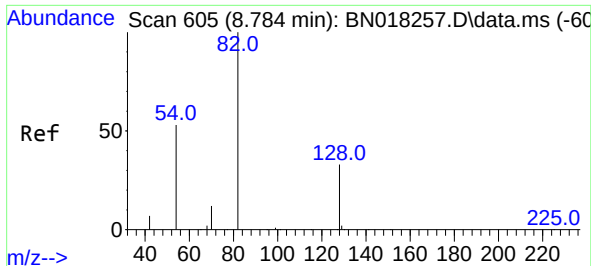


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



Tgt Ion:136 Resp: 100799
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.6 5.0 7.6#
68 7.4 4.4 6.6#





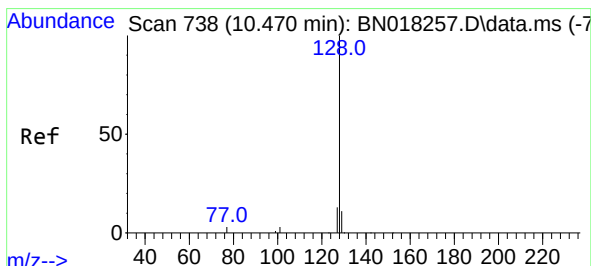
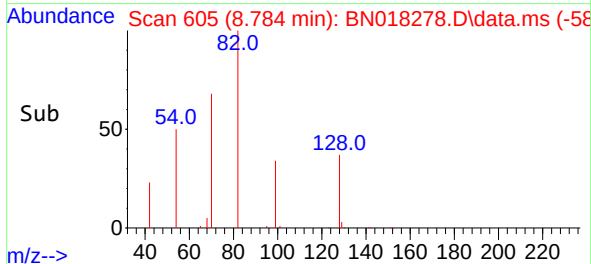
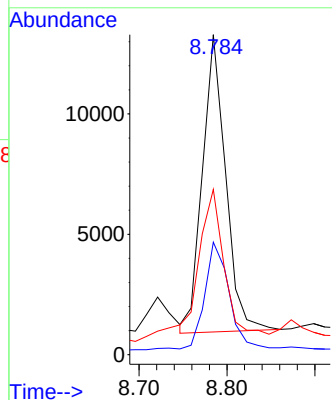
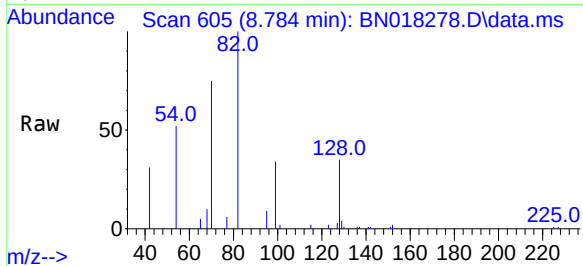
#8
Nitrobenzene-d5
Concen: 0.440 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :
OB-CS-06

Tgt Ion: 82 Resp: 2266
Ion Ratio Lower Upper
82 100
128 35.2 33.7 50.5
54 51.6 36.6 55.0

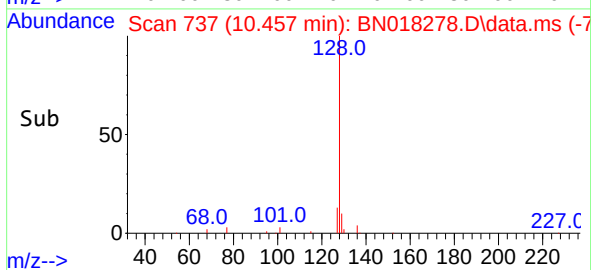
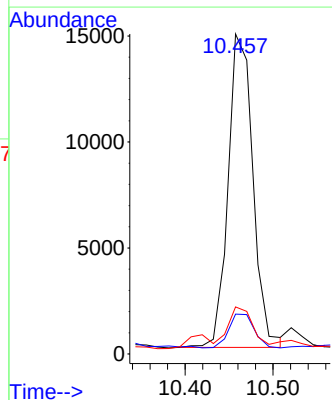
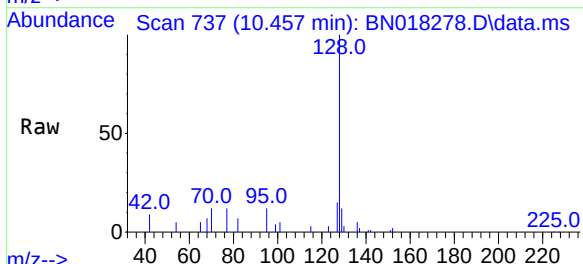
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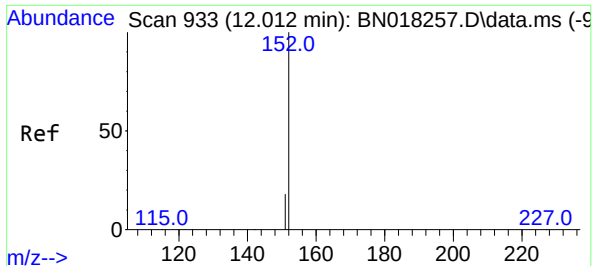
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.116 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Tgt Ion:128 Resp: 29027
Ion Ratio Lower Upper
128 100
129 12.4 8.7 13.1
127 14.7 10.4 15.6





#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 12.007 min Scan# 91

Delta R.T. -0.004 min

Lab File: BN018278.D

Acq: 30 Dec 2021 02:38

Instrument :

BNA_N

ClientSampleId :

OB-CS-06

Tgt Ion:152 Resp: 54029

Ion Ratio Lower Upper

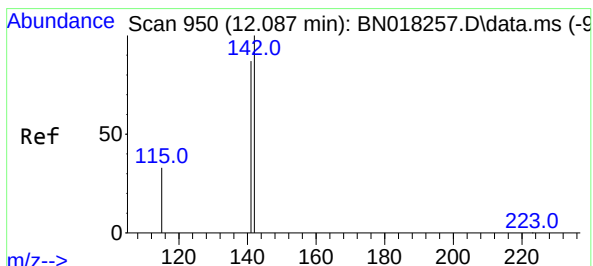
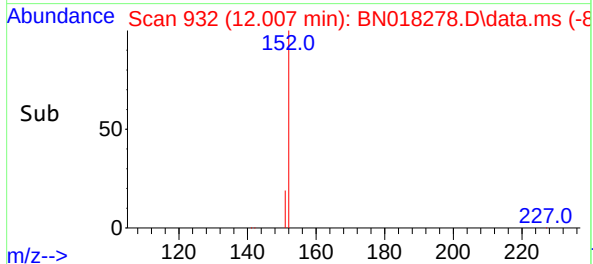
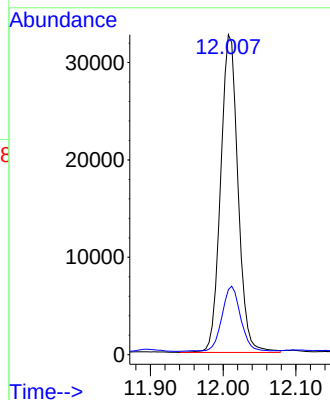
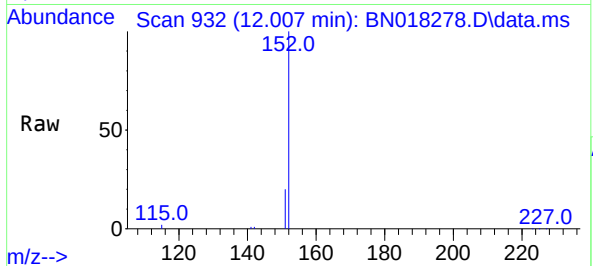
152 100

151 22.3 16.2 24.2

Manual Integrations

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Supervised By :mohammad ahmed 12/30/2021



#12

2-Methylnaphthalene

Concen: 0.085 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.004 min

Lab File: BN018278.D

Acq: 30 Dec 2021 02:38

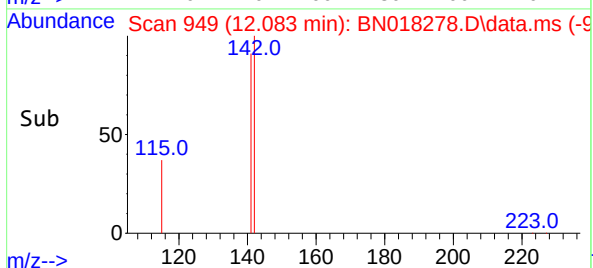
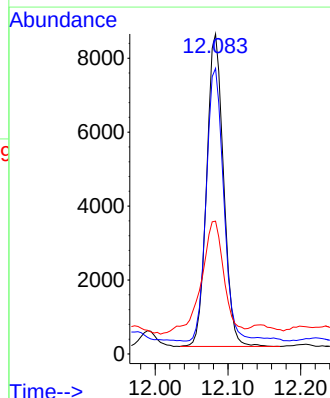
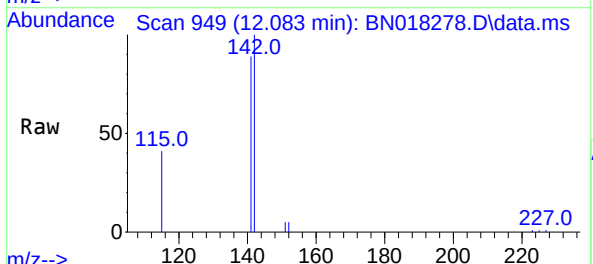
Tgt Ion:142 Resp: 13627

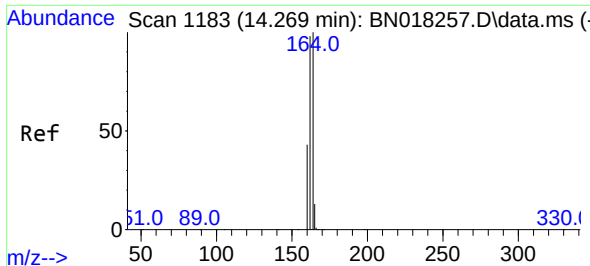
Ion Ratio Lower Upper

142 100

141 89.3 70.0 105.0

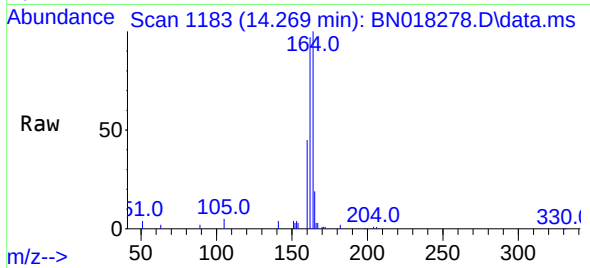
115 41.5 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

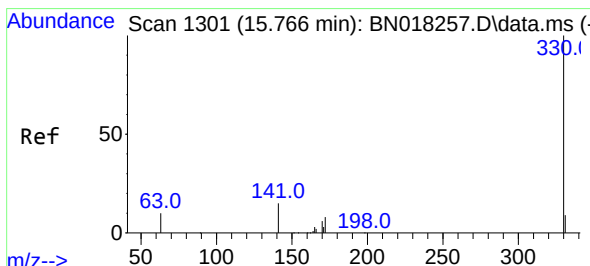
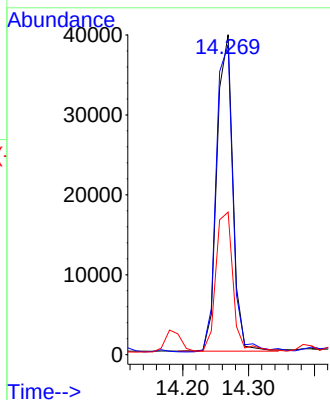
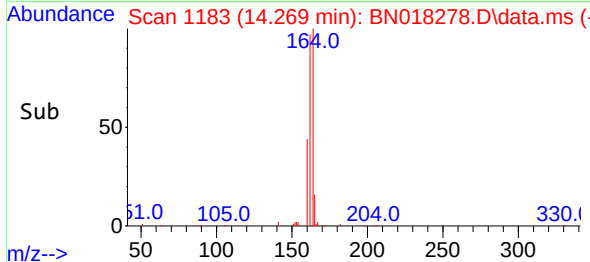
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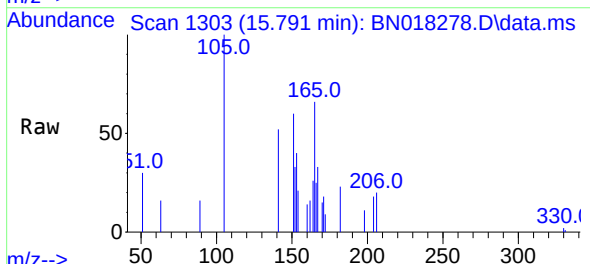
Tgt Ion:164 Resp: 6625
Ion Ratio Lower Upper
164 100
162 96.7 80.2 120.2
160 44.6 36.9 55.3

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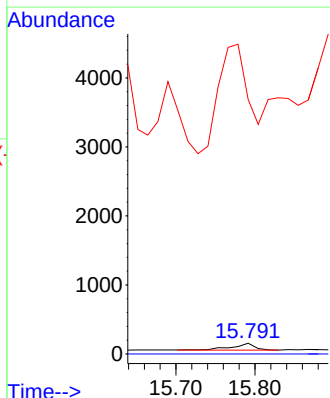
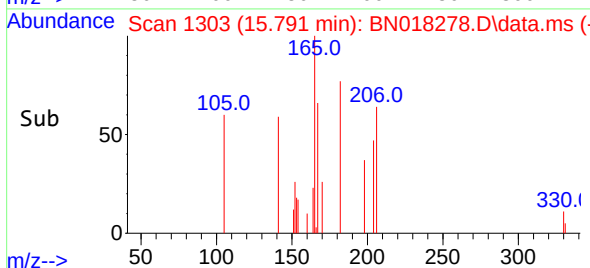
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

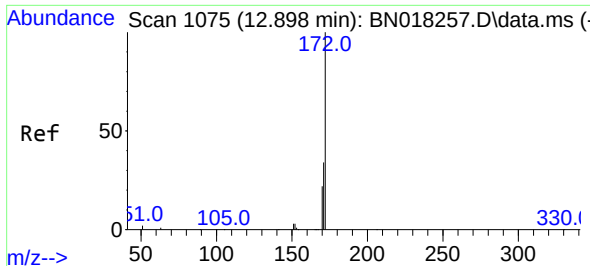


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.025 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



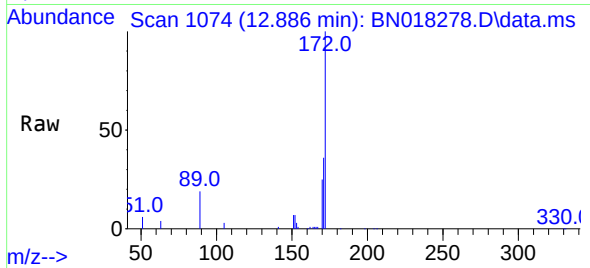
Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 2080.3 21.3 31.9#





#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

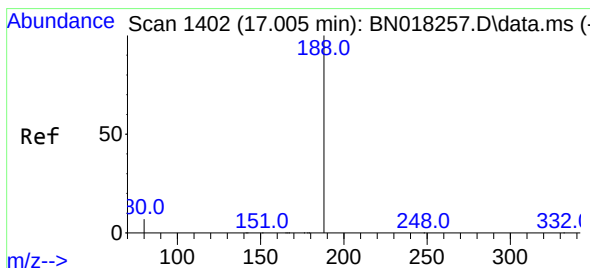
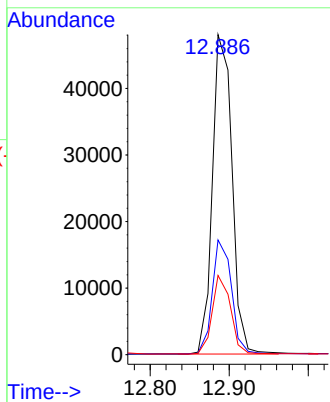
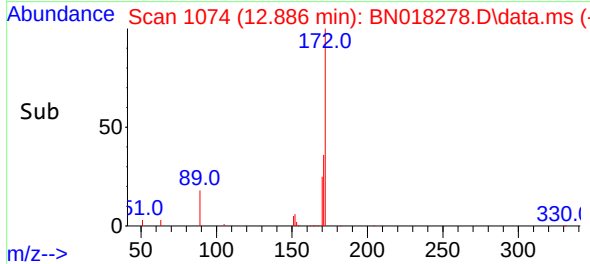
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Tgt Ion:172 Resp: 8301
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.8 18.4 27.6

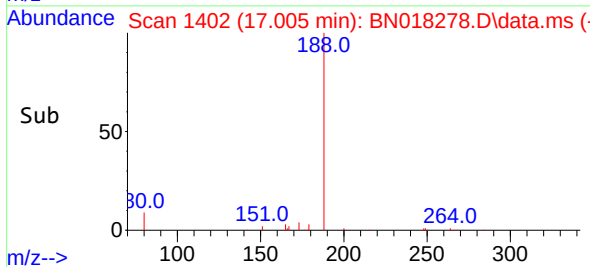
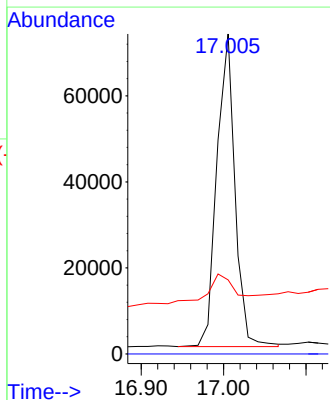
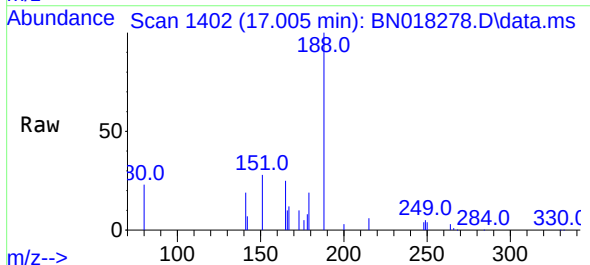
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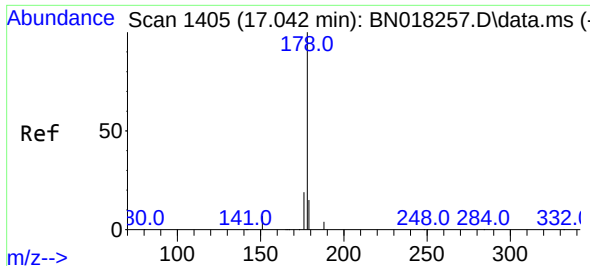
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

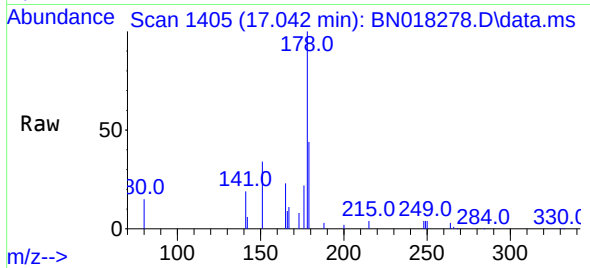
Tgt Ion:188 Resp: 110990
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 23.1 7.0 10.4





#25
Phenanthrene
Concen: 0.417 ng m
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

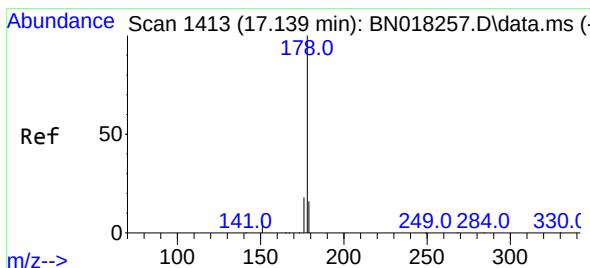
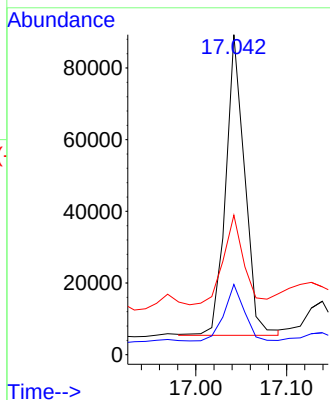
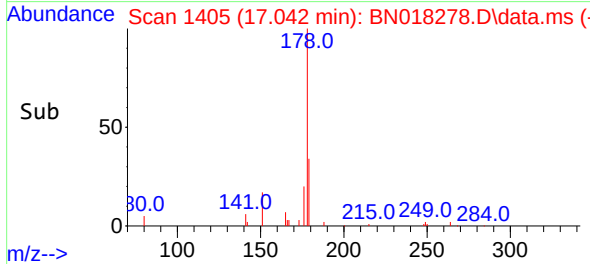
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



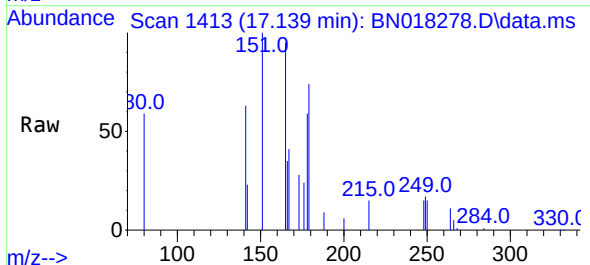
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Ion Ratio Lower Upper
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176 19.8 15.3 22.9
179 32.2 12.3 18.5

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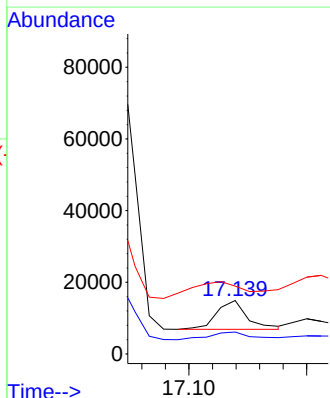
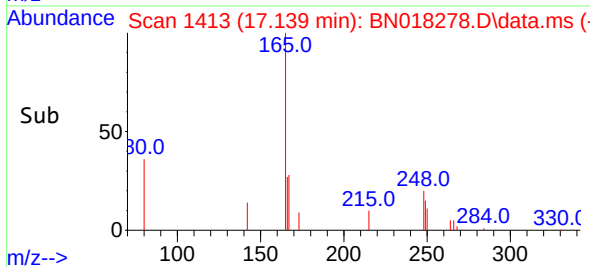
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

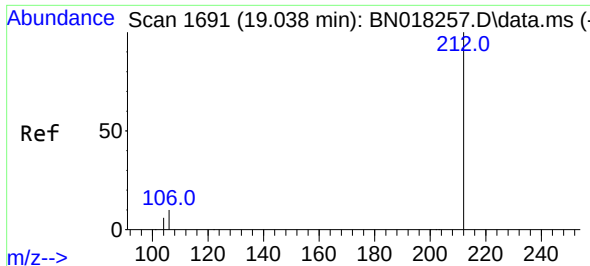


#26
Anthracene
Concen: 0.097 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



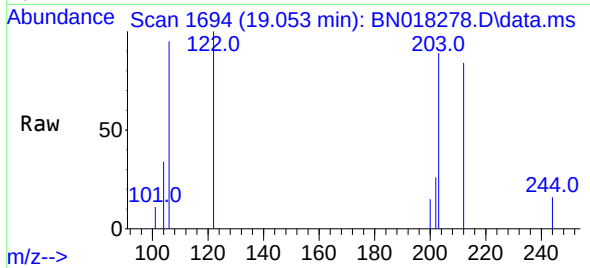
Tgt Ion:178 Resp: 14493
Ion Ratio Lower Upper
178 100
176 37.3 14.8 22.2#
179 94.1 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.211 ng
RT: 19.053 min Scan# 1700
Delta R.T. 0.015 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

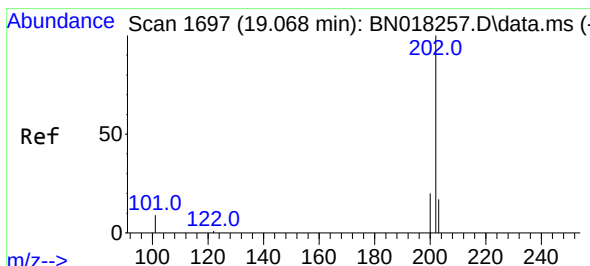
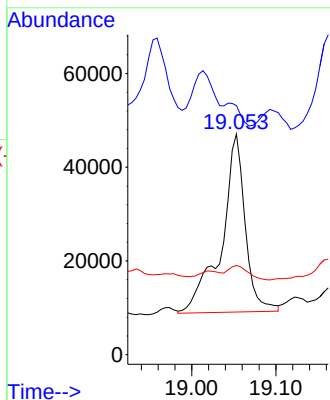
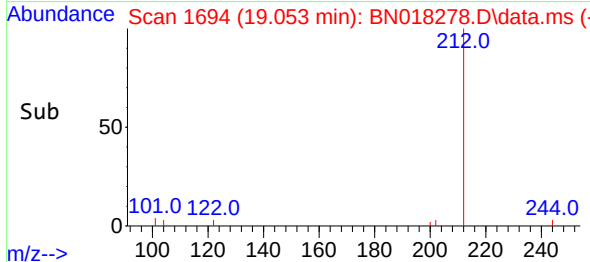
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



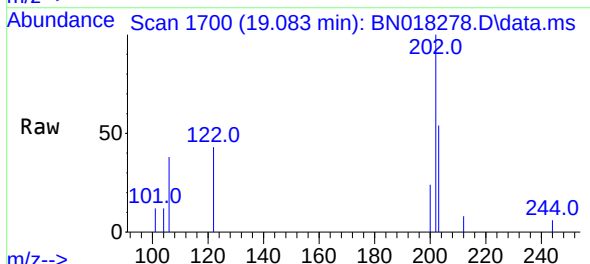
Tgt Ion:212 Resp: 7464
Ion Ratio Lower Upper
212 100
106 0.0 8.4 12.6
104 6.4 4.5 6.7

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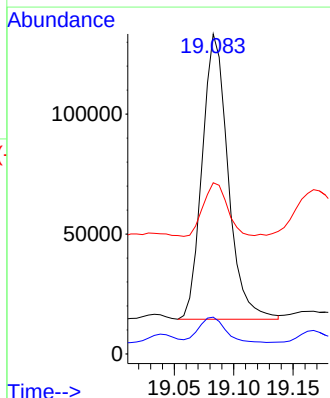
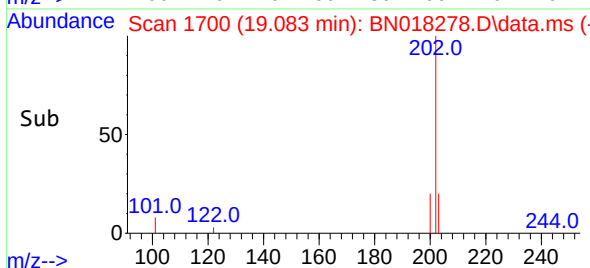
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

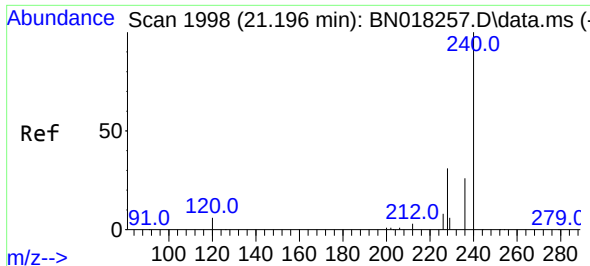


#28
Fluoranthene
Concen: 0.528 ng
RT: 19.083 min Scan# 1700
Delta R.T. 0.015 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



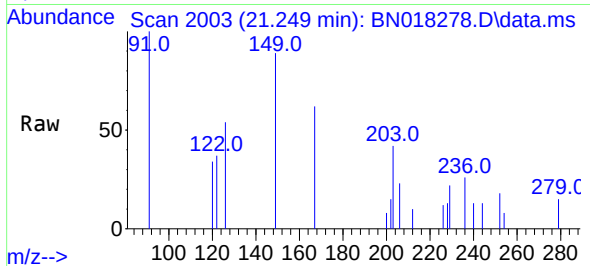
Tgt Ion:202 Resp: 180891
Ion Ratio Lower Upper
202 100
101 8.9 7.2 10.8
203 17.4 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.249 min Scan# 20
Delta R.T. 0.053 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

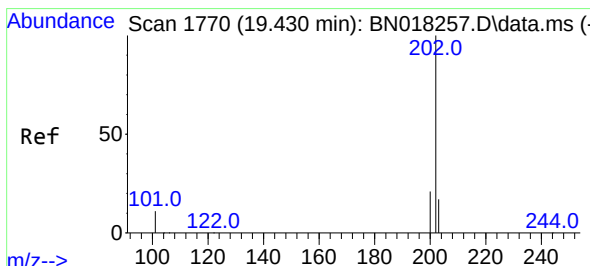
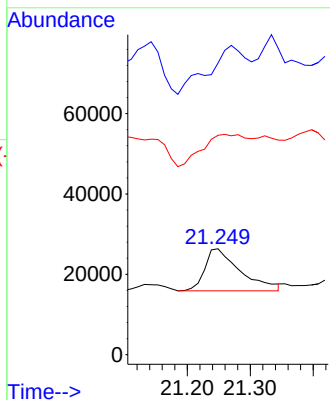
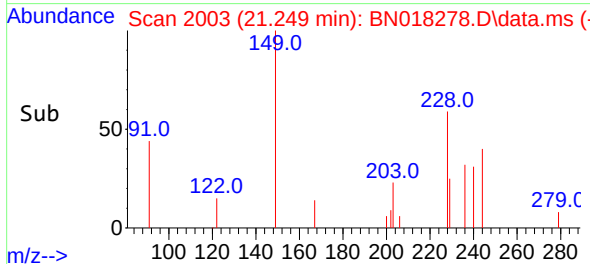
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



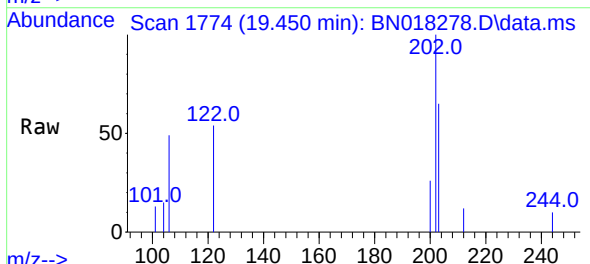
Tgt Ion:240 Resp: 4118
Ion Ratio Lower Upper
240 100
120 275.2 6.0 9.0
236 206.9 21.4 32.2

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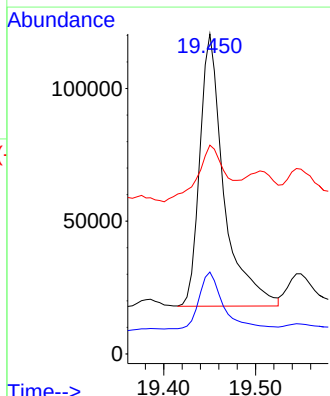
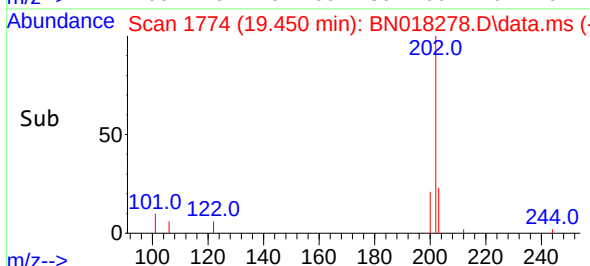
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

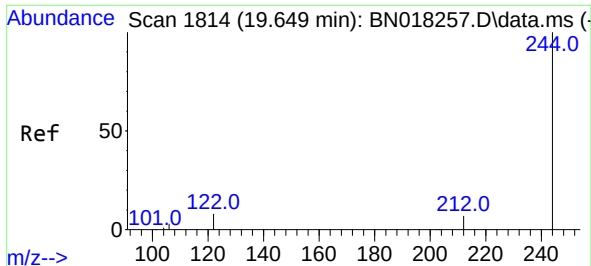


#30
Pyrene
Concen: 1.164 ng
RT: 19.450 min Scan# 1774
Delta R.T. 0.020 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



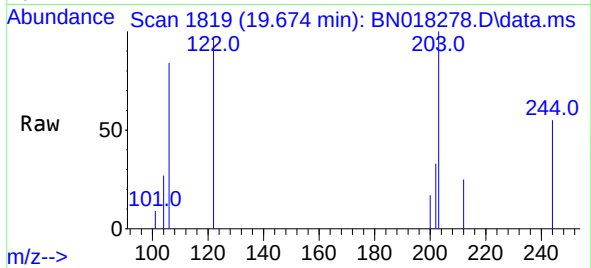
Tgt Ion:202 Resp: 188009
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 24.0 14.1 21.1





#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.674 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

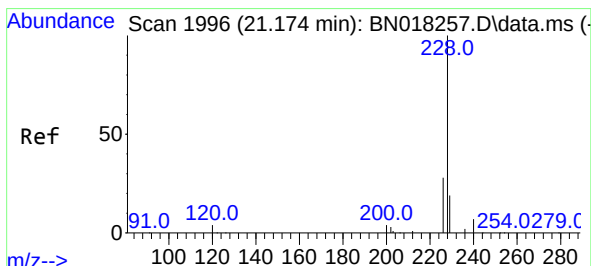
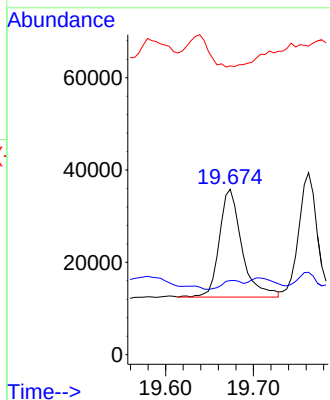
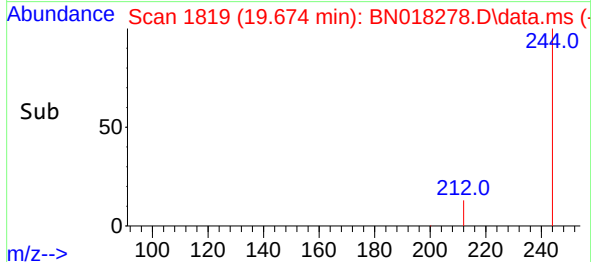
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



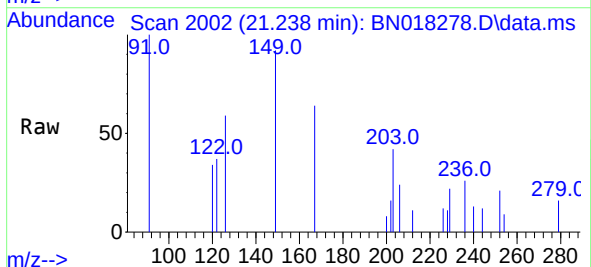
Tgt Ion:244 Resp: 41640
Ion Ratio Lower Upper
244 100
212 44.8 6.2 9.2
122 174.6 7.9 11.9

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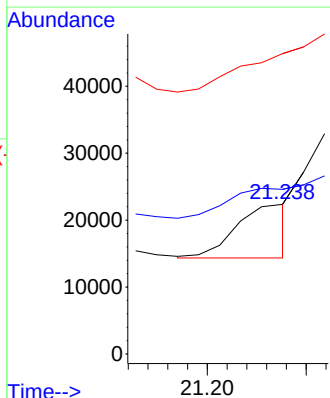
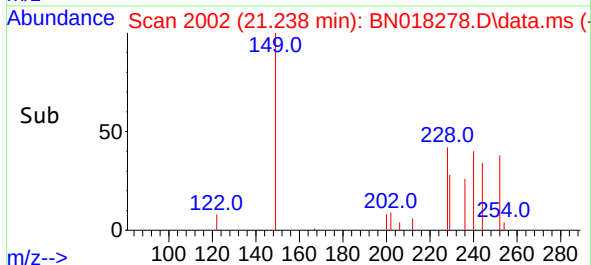
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

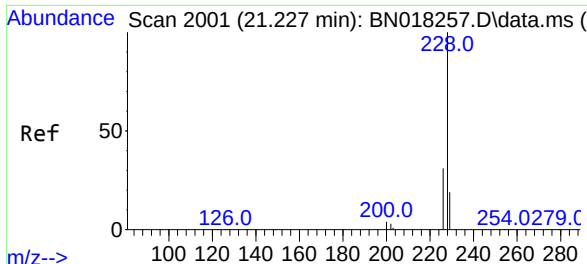


#32
Benzo(a)anthracene
Concen: 0.169 ng m
RT: 21.238 min Scan# 2002
Delta R.T. 0.064 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



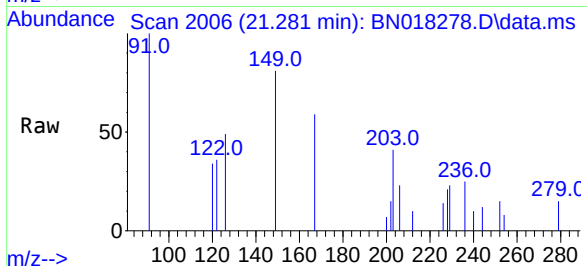
Tgt Ion:228 Resp: 15014
Ion Ratio Lower Upper
228 100
226 110.0 21.3 31.9#
229 200.6 15.9 23.9#





#33
Chrysene
Concen: 0.740 ng m
RT: 21.281 min Scan# 2001
Delta R.T. 0.053 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

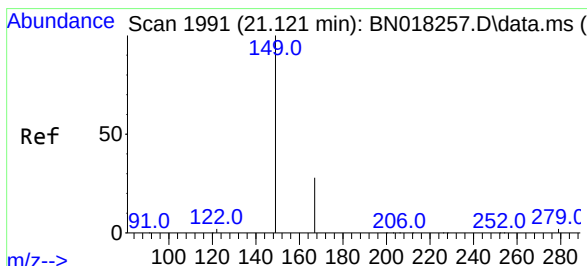
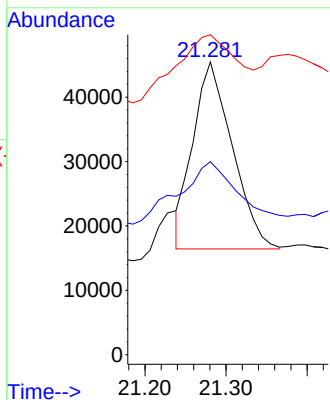
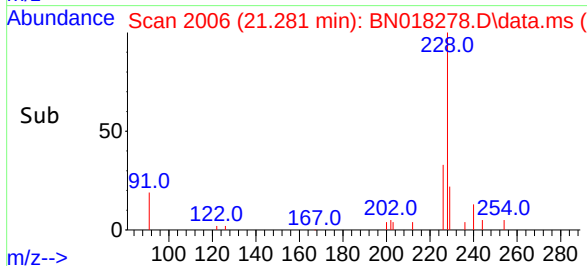
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



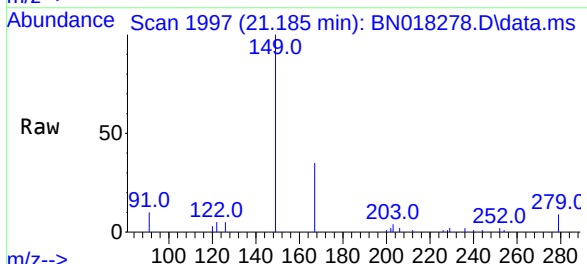
Tgt Ion:228 Resp: 98120
Ion Ratio Lower Upper
228 100
226 65.9 24.2 36.4
229 109.3 15.5 23.3

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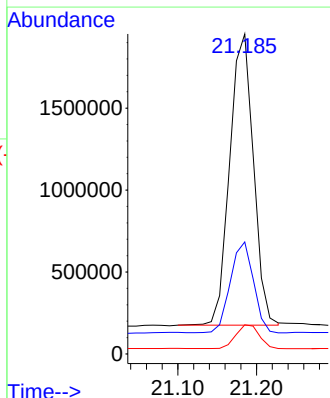
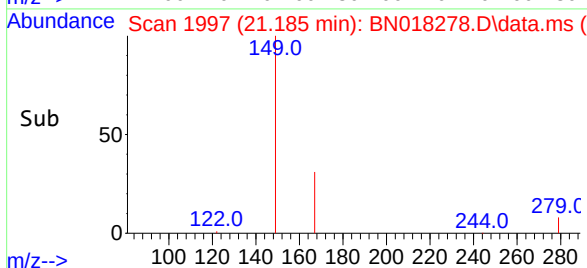
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

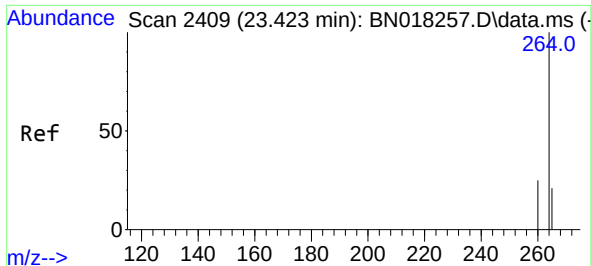


#34
Bis(2-ethylhexyl)phthalate
Concen: 72.445 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.064 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



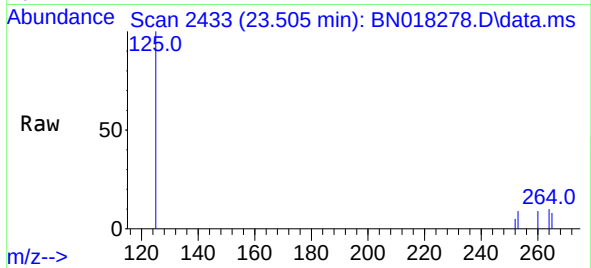
Tgt Ion:149 Resp: 3724479
Ion Ratio Lower Upper
149 100
167 30.5 23.7 35.5
279 8.0 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng m
RT: 23.505 min Scan# 2409
Delta R.T. 0.082 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

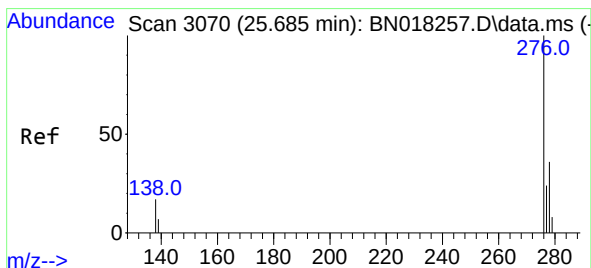
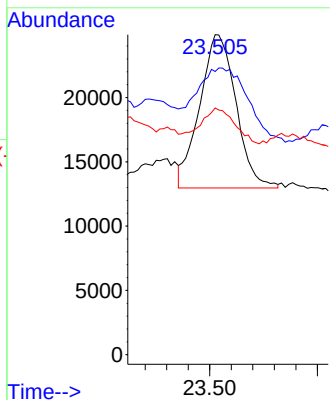
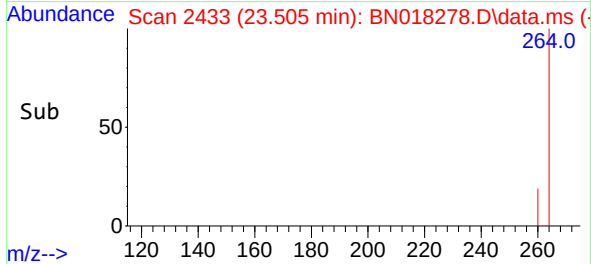
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



Tgt Ion:264 Resp: 2790
Ion Ratio Lower Upper
264 100
260 88.5 20.2 30.4
265 77.1 18.2 27.2

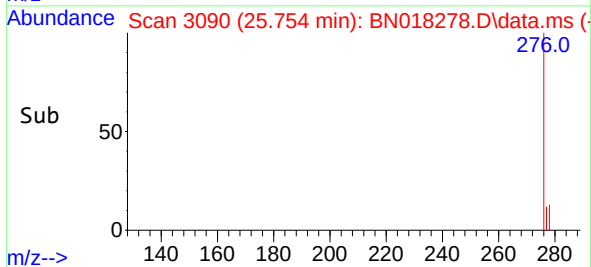
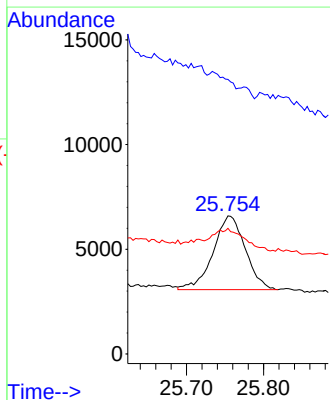
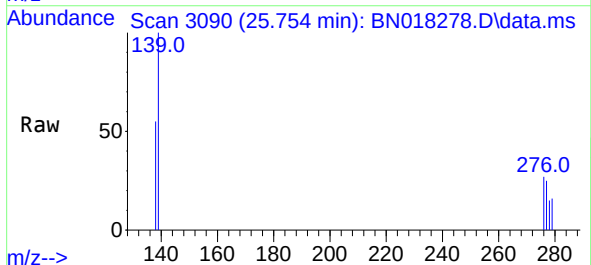
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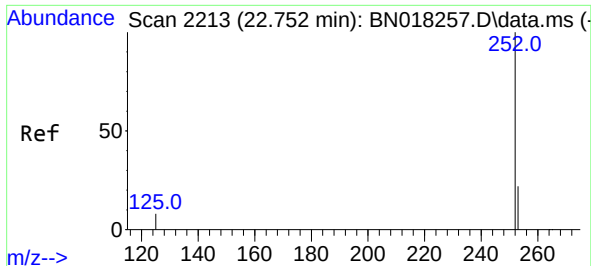
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.153 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.068 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

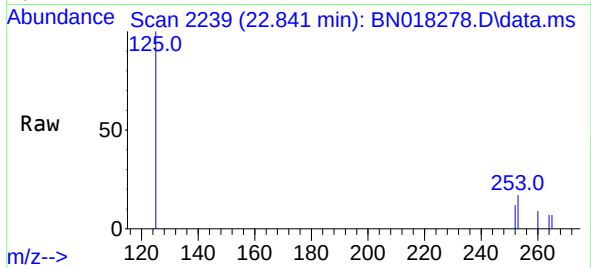
Tgt Ion:276 Resp: 10207
Ion Ratio Lower Upper
276 100
138 0.0 14.9 22.3
277 29.4 19.9 29.9





#37
Benzo(b)fluoranthene
Concen: 0.666 ng m
RT: 22.841 min Scan# 21
Delta R.T. 0.089 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

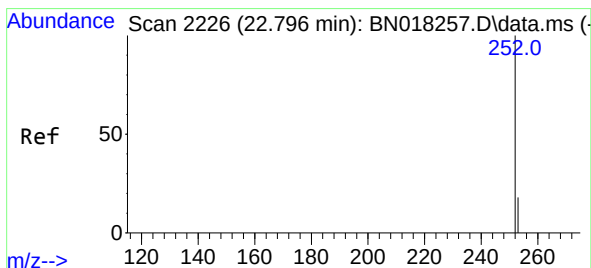
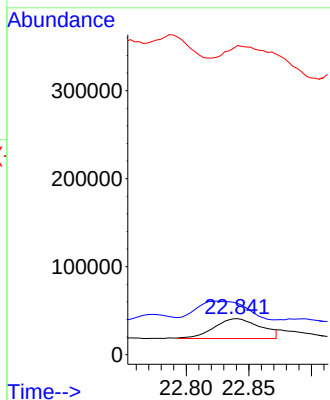
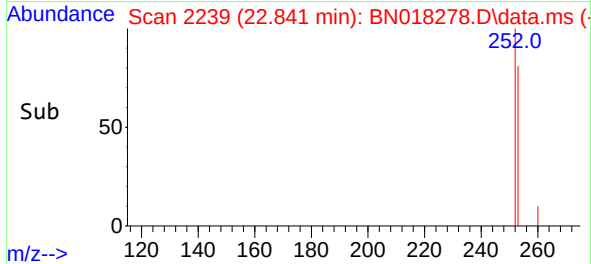
Instrument :
BNA_N
ClientSampleId :
OB-CS-06



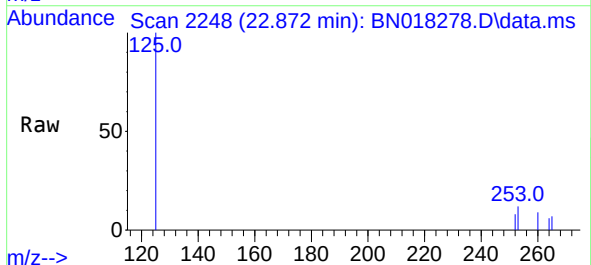
Tgt Ion:252 Resp: 59049
Ion Ratio Lower Upper
252 100
253 141.9 17.8 26.6#
125 858.0 6.0 9.0#

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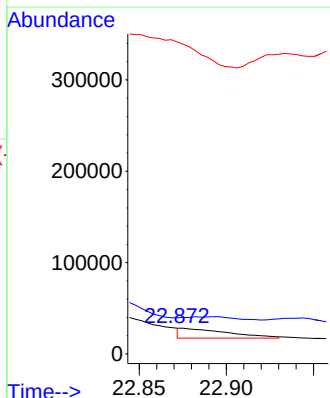
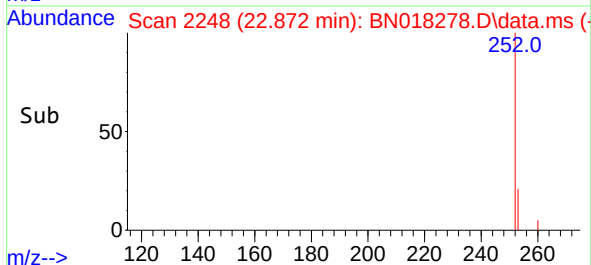
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

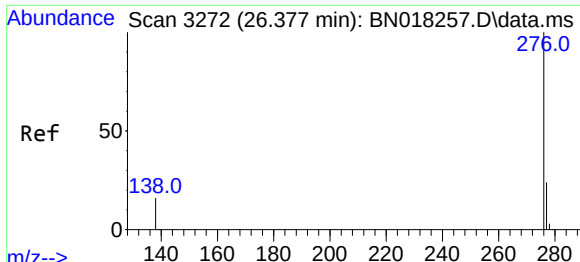


#38
Benzo(k)fluoranthene
Concen: 0.240 ng m
RT: 22.872 min Scan# 2248
Delta R.T. 0.075 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38



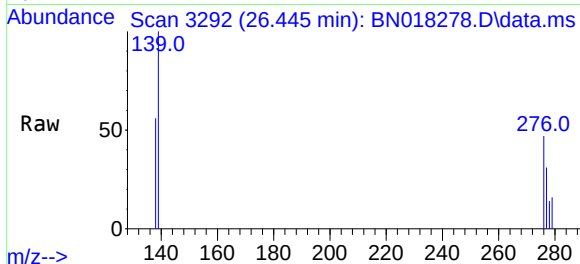
Tgt Ion:252 Resp: 20169
Ion Ratio Lower Upper
252 100
253 140.6 17.7 26.5#
125 1212.0 6.2 9.2#





#41
Benzo(g,h,i)perylene
Concen: 0.245 ng
RT: 26.445 min Scan# 31
Delta R.T. 0.068 min
Lab File: BN018278.D
Acq: 30 Dec 2021 02:38

Instrument :
BNA_N
ClientSampleId :
OB-CS-06



Tgt Ion: 276 Resp: 1627
Ion Ratio Lower Upper
276 100
277 66.8 19.0 28.6
138 119.9 12.6 19.0

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

