

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018199.D
 Acq On : 24 Dec 2021 03:25
 Operator : CG/JU
 Sample : M5107-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-08

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:34:03 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	36408	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	160090	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	107211	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	218696	0.400	ng	0.00
29) Chrysene-d12	21.206	240	110039	0.400	ng	# 0.01
35) Perylene-d12	23.457	264	136563	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	80	0.001	ng	0.03
5) Phenol-d6	6.821	99	928	0.011	ng	0.00
8) Nitrobenzene-d5	8.771	82	17217m	0.160	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	36645	0.133	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	61	0.181	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	56509	0.141	ng	-0.01
27) Fluoranthene-d10	19.033	212	74794	0.108	ng	0.00
31) Terphenyl-d14	19.643	244	48276	0.199	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.444	128	29734	0.075	ng	98
12) 2-Methylnaphthalene	12.069	142	9477	0.036	ng	98
25) Phenanthrene	17.029	178	76217m	0.131	ng	
28) Fluoranthene	19.063	202	90027	0.133	ng	95
30) Pyrene	19.425	202	90164	0.255	ng	97
32) Benzo(a)anthracene	21.185	228	21864	0.068	ng	# 1
33) Chrysene	21.238	228	35170	0.101	ng	# 28
34) Bis(2-ethylhexyl)phtha...	21.142	149	504388	3.088	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.733	276	13947	0.035	ng	# 80
37) Benzo(b)fluoranthene	22.782	252	33994m	0.080	ng	
38) Benzo(k)fluoranthene	22.810	252	13663m	0.032	ng	
39) Benzo(a)pyrene	23.361	252	15312	0.040	ng	# 1
40) Dibenzo(a,h)anthracene	25.740	278	4360	0.043	ng	# 1
41) Benzo(g,h,i)perylene	26.421	276	19712	0.054	ng	# 1

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

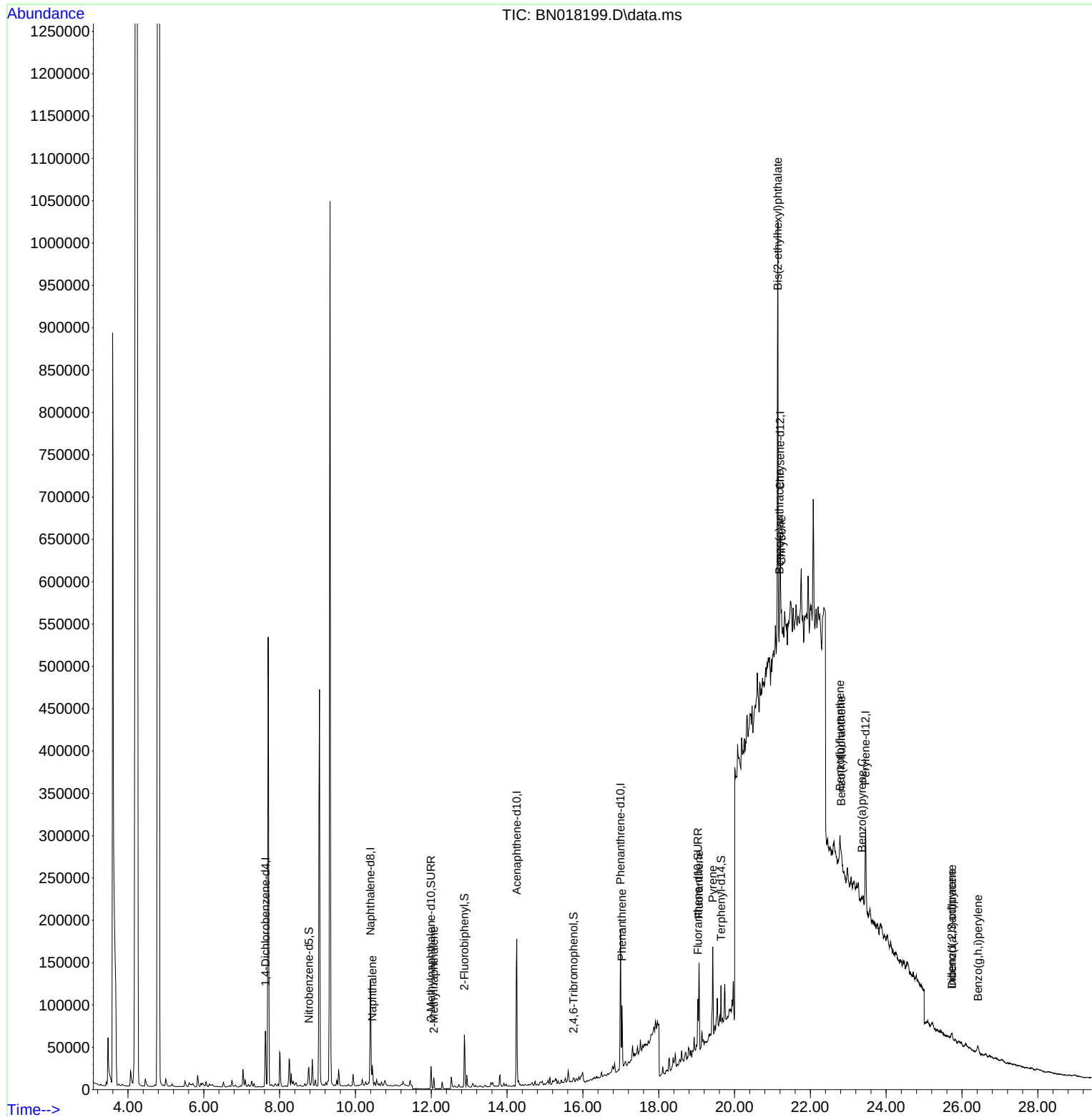
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018199.D
Acq On : 24 Dec 2021 03:25
Operator : CG/JU
Sample : M5107-08
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ALS Vial : 28 Sample Multiplier: 1

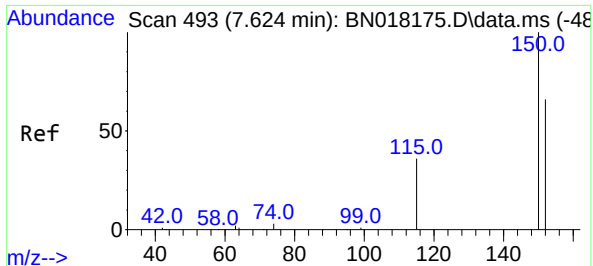
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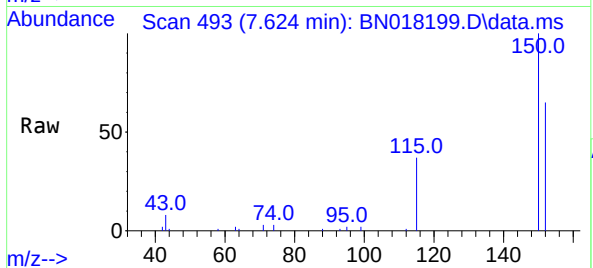
Quant Time: Dec 24 23:34:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

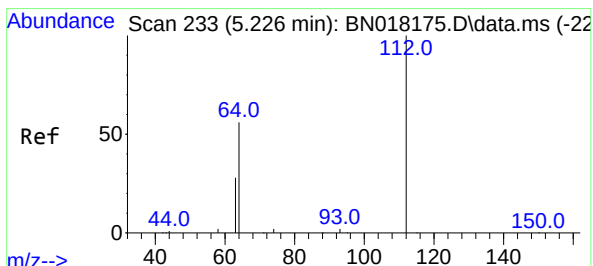
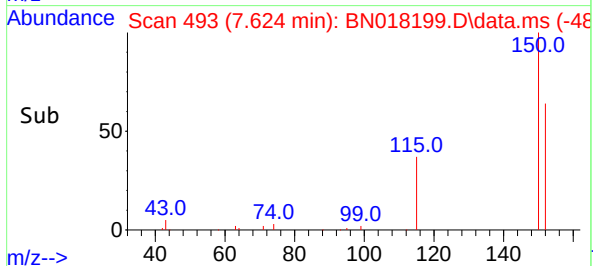
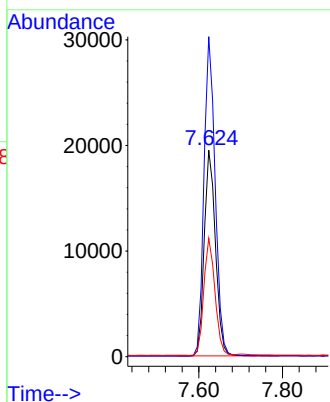
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



Tgt Ion:152 Resp: 36408
Ion Ratio Lower Upper
152 100
150 155.0 121.7 182.5
115 57.4 43.8 65.8

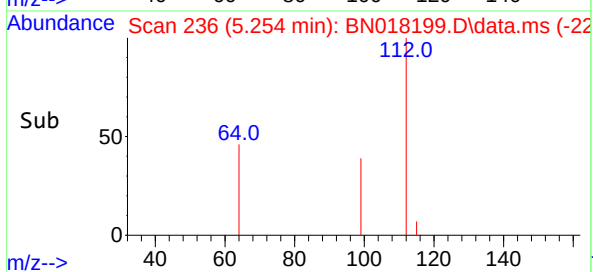
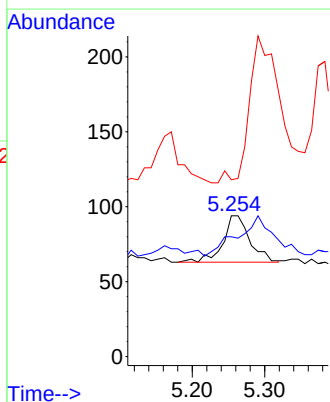
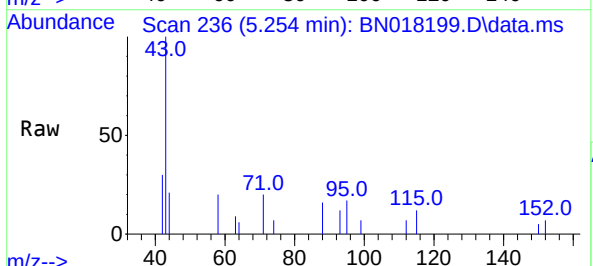
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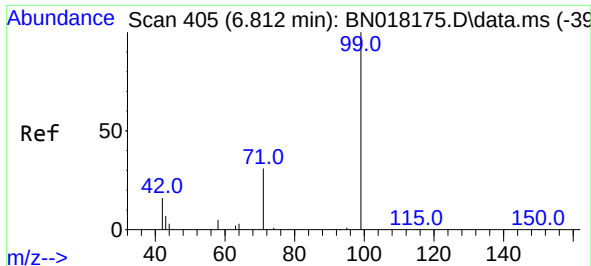
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

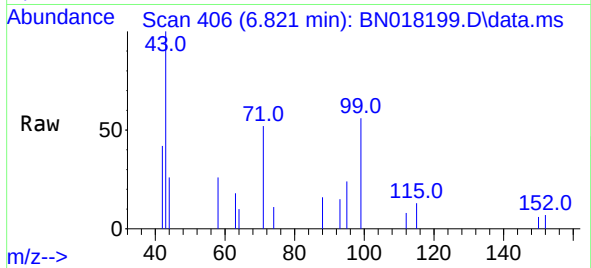
Tgt Ion:112 Resp: 80
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.011 ng
RT: 6.821 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

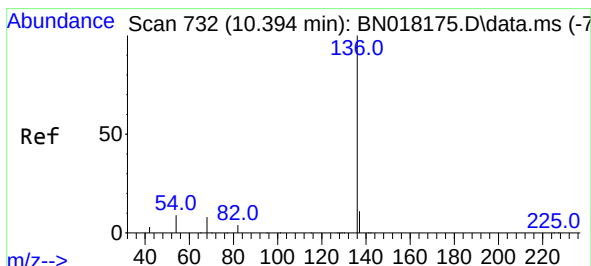
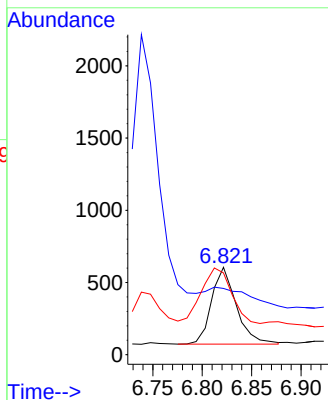
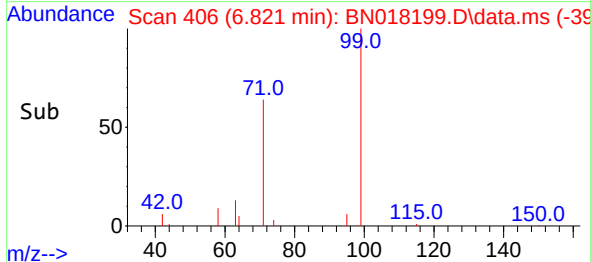
Instrument :
BNA_N
ClientSampleId :
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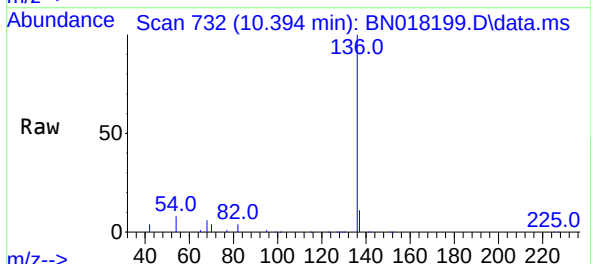
Tgt Ion: 99 Resp: 928
Ion Ratio Lower Upper
99 100
42 40.1 16.3 24.5
71 87.8 26.8 40.2

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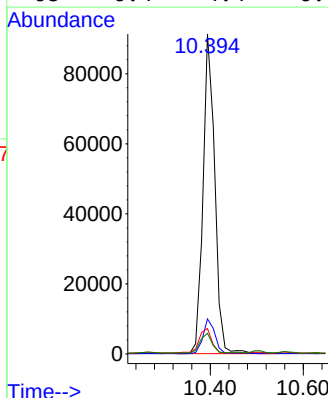
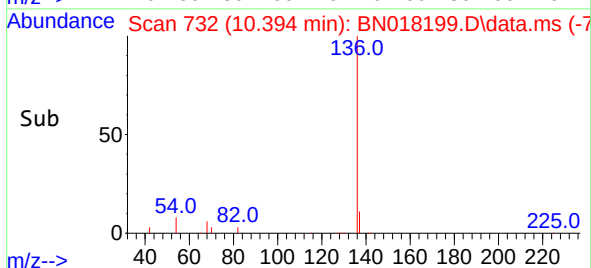
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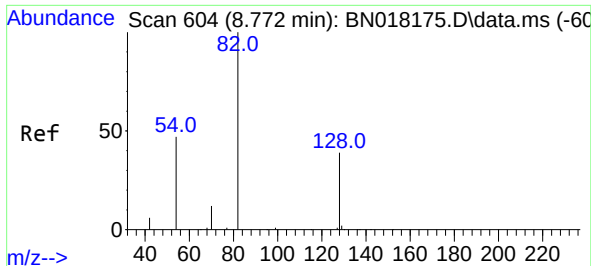


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25



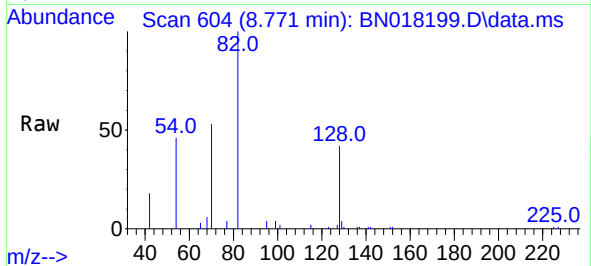
Tgt Ion:136 Resp: 160090
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 5.0 7.6
68 6.4 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.160 ng m
RT: 8.771 min Scan# 604
Delta R.T. -0.001 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

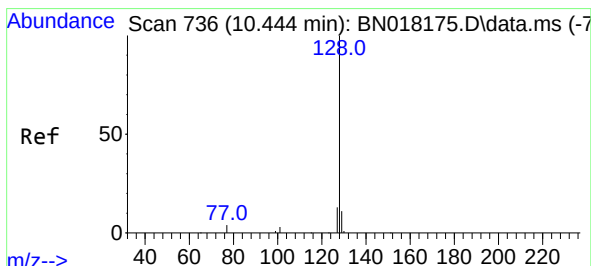
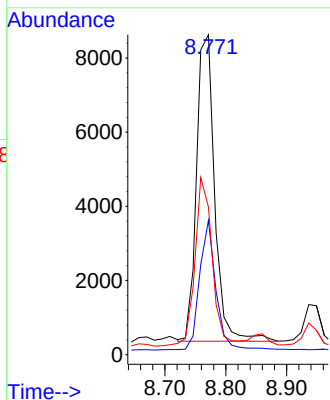
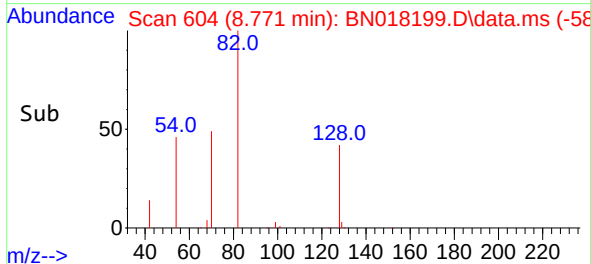
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



Tgt Ion: 82 Resp: 1721
Ion Ratio Lower Upper
82 100
128 41.9 33.7 50.5
54 46.2 36.6 55.0

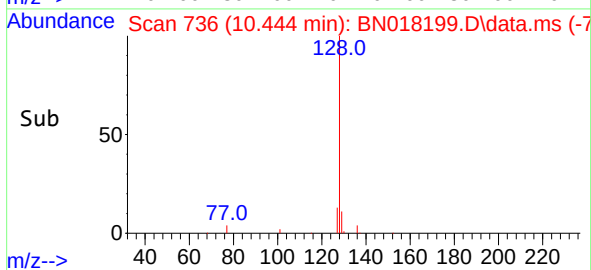
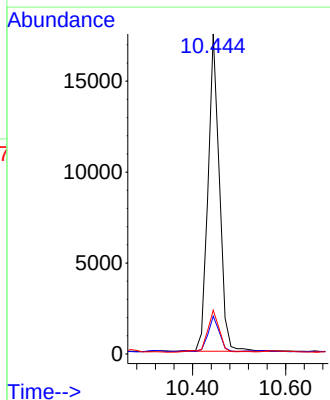
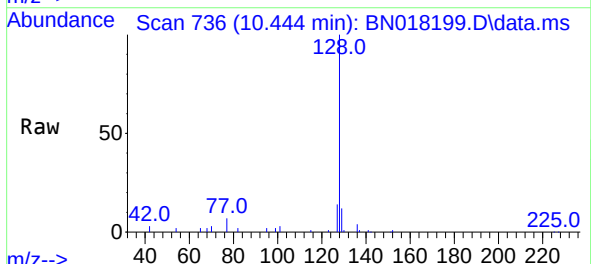
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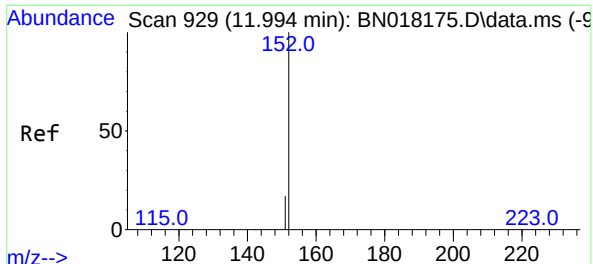
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.075 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

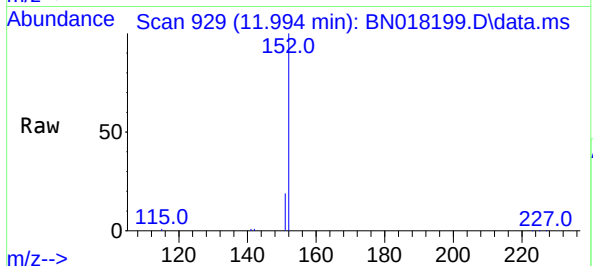
Tgt Ion:128 Resp: 29734
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.6 10.4 15.6





#11
2-Methylnaphthalene-d10
Concen: 0.133 ng
RT: 11.994 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

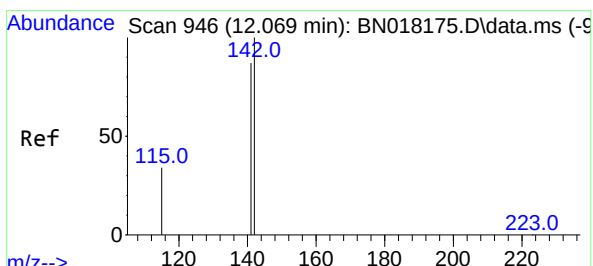
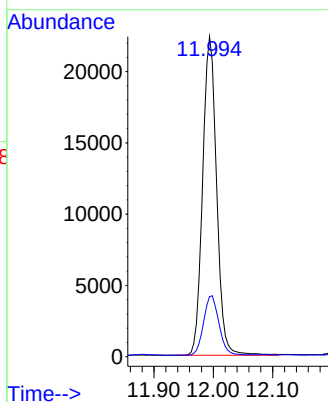
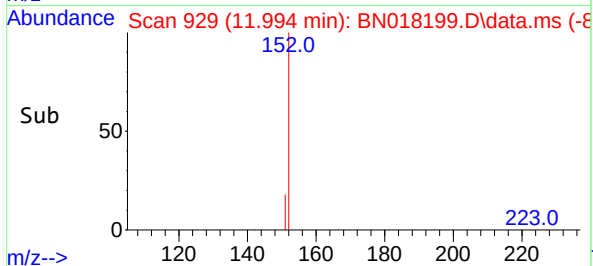
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



Tgt Ion:152 Resp: 3664
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2

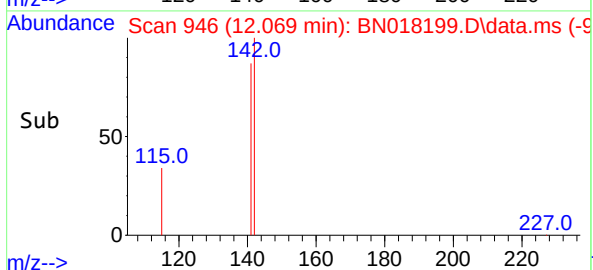
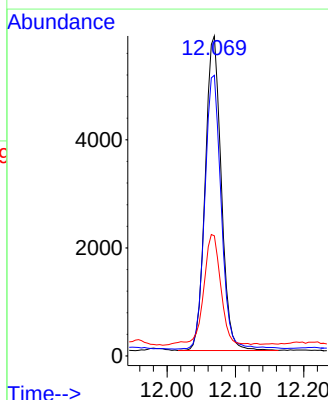
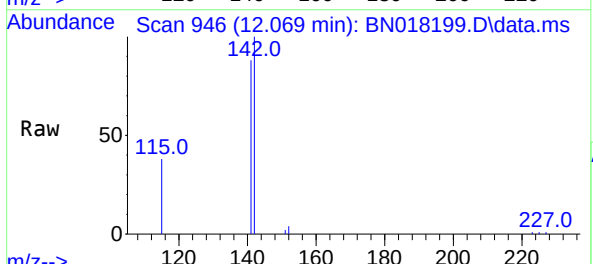
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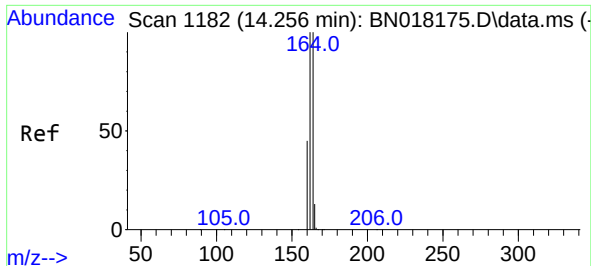
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#12
2-Methylnaphthalene
Concen: 0.036 ng
RT: 12.069 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

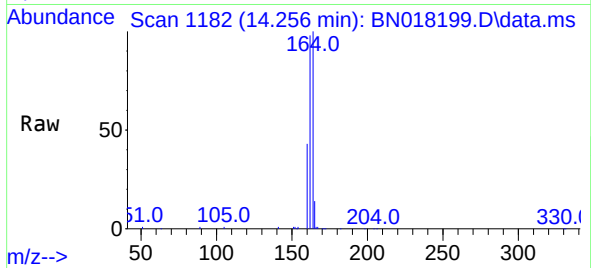
Tgt Ion:142 Resp: 9477
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0
115 37.5 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

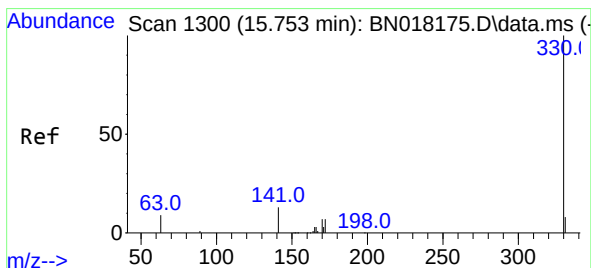
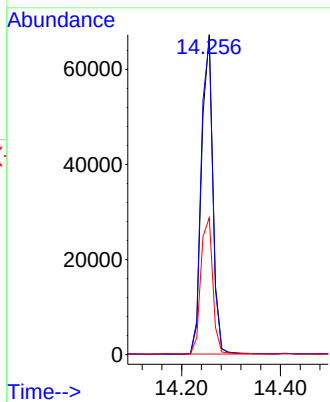
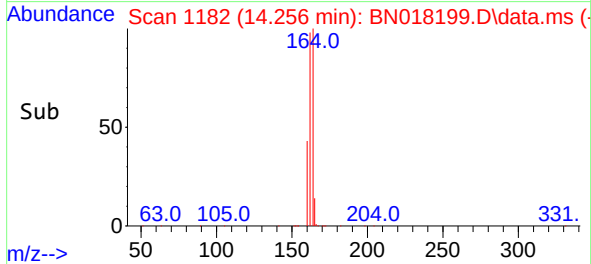
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



Tgt Ion:164 Resp: 10721
Ion Ratio Lower Upper
164 100
162 98.3 80.2 120.2
160 42.8 36.9 55.3

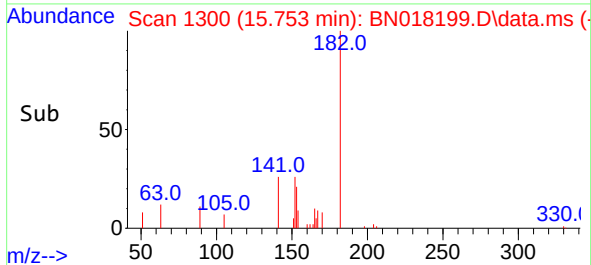
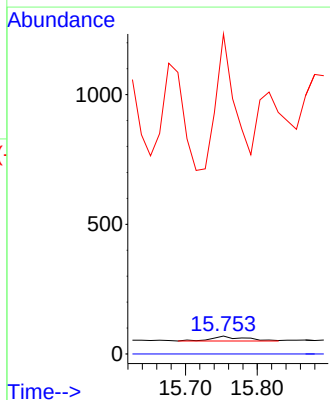
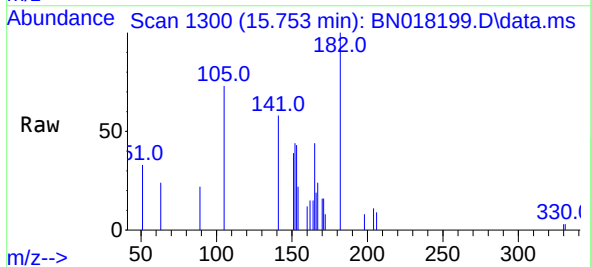
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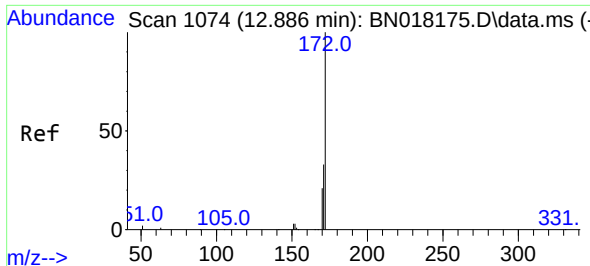
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Tgt Ion:330 Resp: 61
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 1560.7 21.3 31.9#





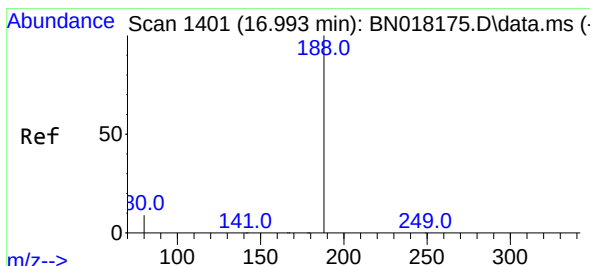
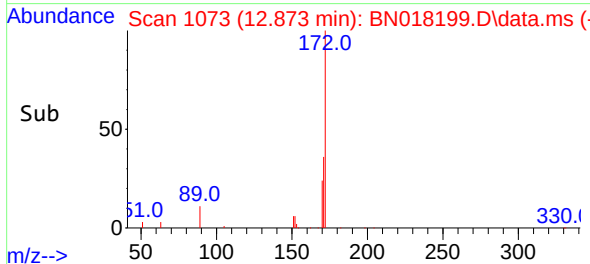
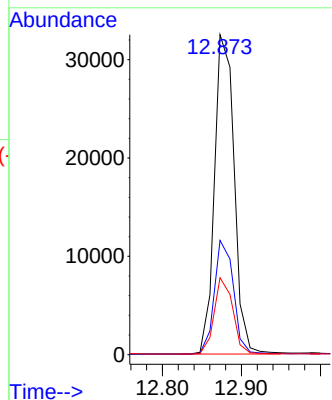
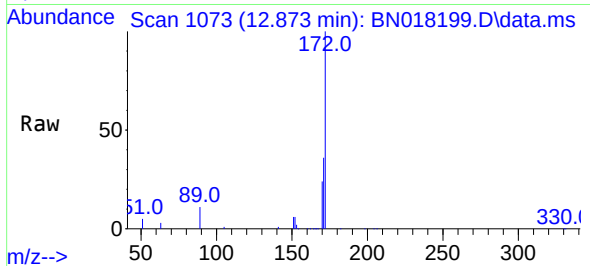
#15
2-Fluorobiphenyl
Concen: 0.141 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

Instrument :
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OB-CS-08

Tgt Ion:172 Resp: 56509
Ion Ratio Lower Upper
172 100
171 35.7 27.4 41.0
170 24.1 18.4 27.6

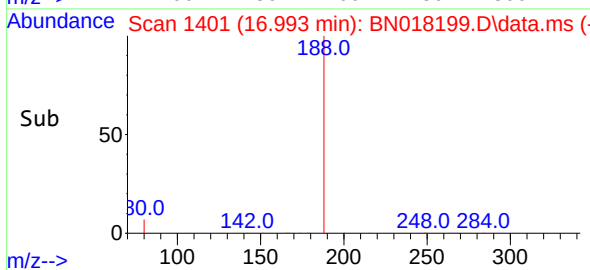
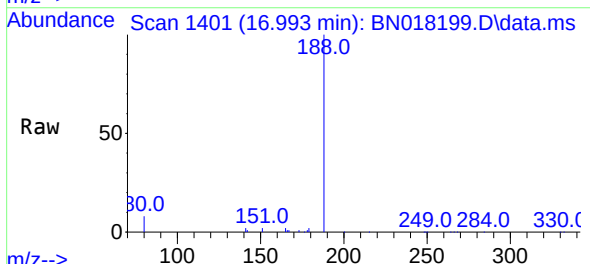
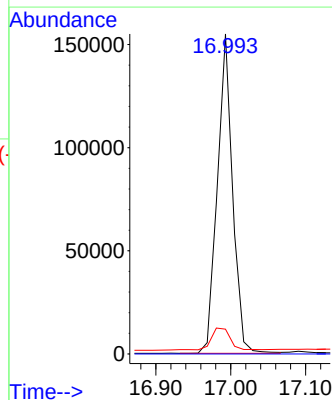
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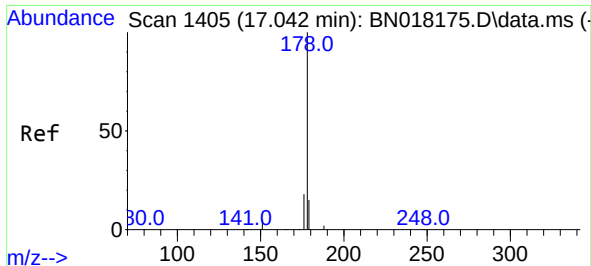
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

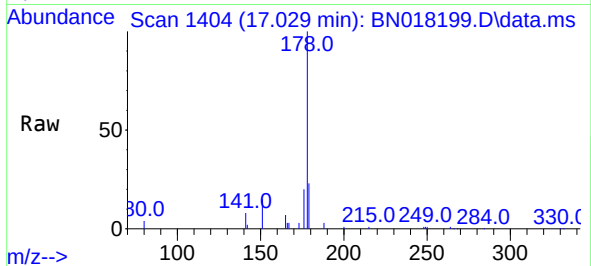
Tgt Ion:188 Resp: 218696
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.0 10.4





#25
Phenanthrene
Concen: 0.131 ng m
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

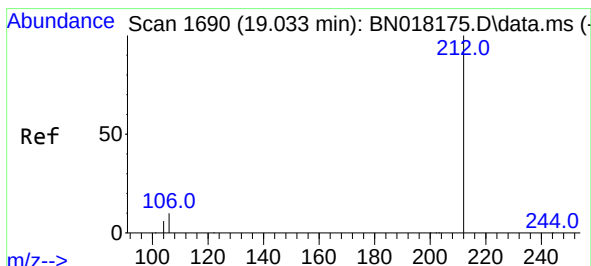
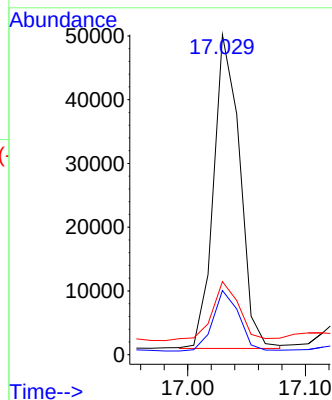
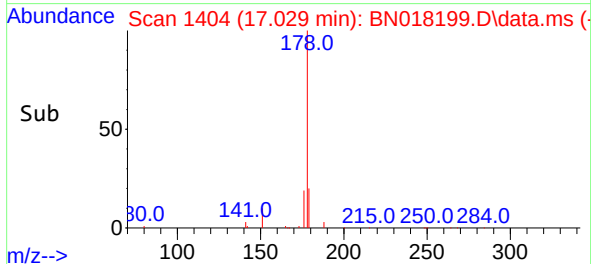
Instrument :
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Tgt Ion:178 Resp: 7621
Ion Ratio Lower Upper
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176 19.3 15.3 22.9
179 19.4 12.3 18.5

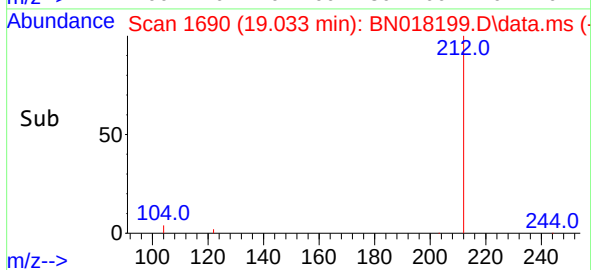
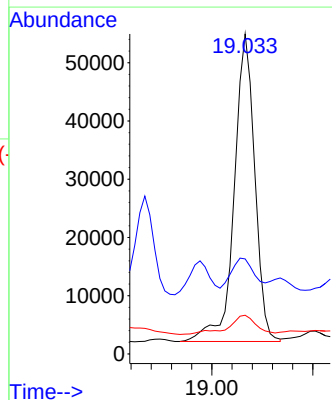
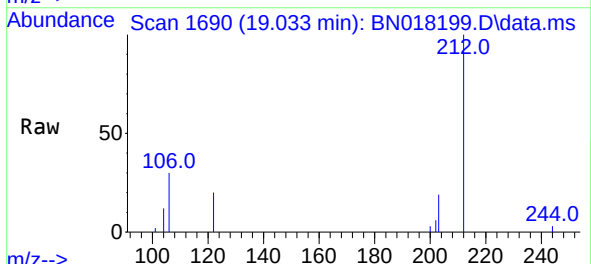
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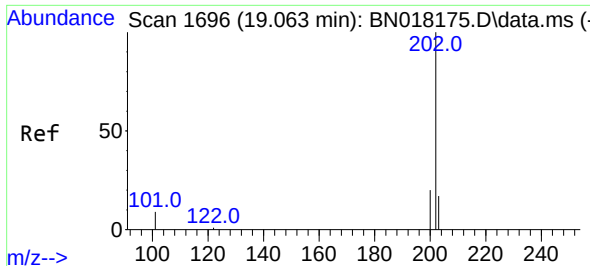
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#27
Fluoranthene-d10
Concen: 0.108 ng
RT: 19.033 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

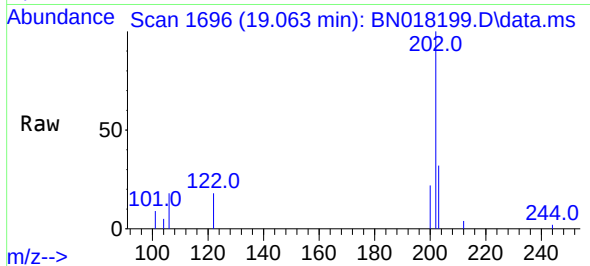
Tgt Ion:212 Resp: 74794
Ion Ratio Lower Upper
212 100
106 12.3 8.4 12.6
104 8.4 4.5 6.7





#28
Fluoranthene
Concen: 0.133 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

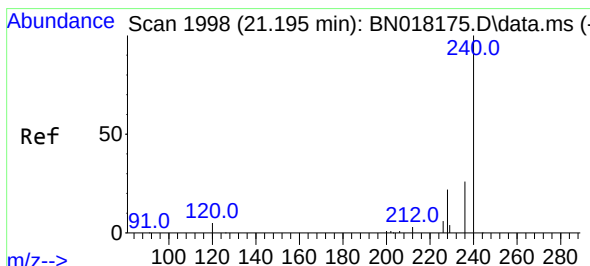
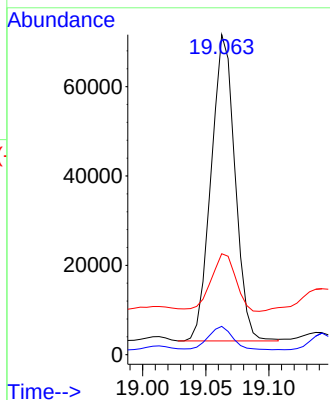
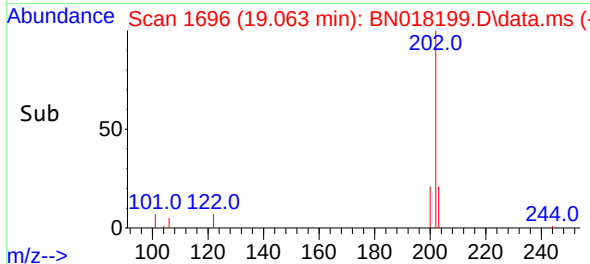
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



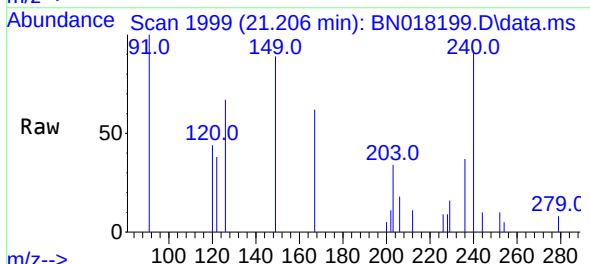
Tgt Ion:202 Resp: 90021
Ion Ratio Lower Upper
202 100
101 7.7 7.2 10.8
203 19.4 13.7 20.5

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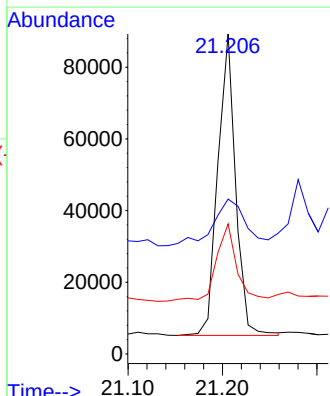
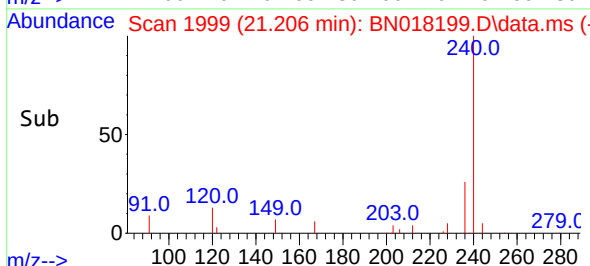
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

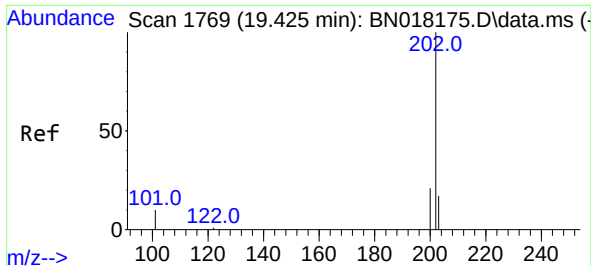


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.011 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25



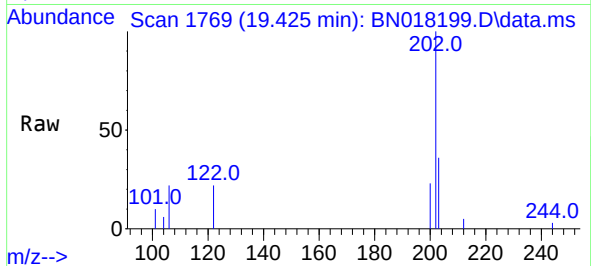
Tgt Ion:240 Resp: 110039
Ion Ratio Lower Upper
240 100
120 48.4 6.0 9.0#
236 40.6 21.4 32.2#





#30
Pyrene
Concen: 0.255 ng
RT: 19.425 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

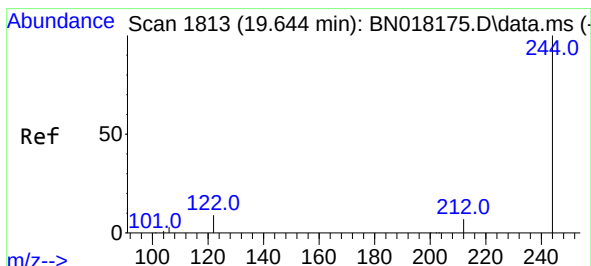
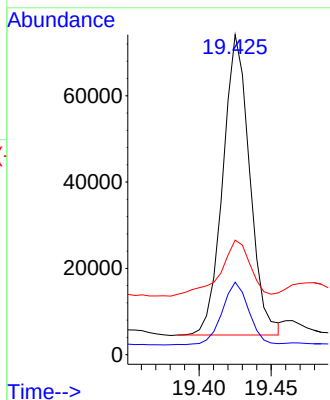
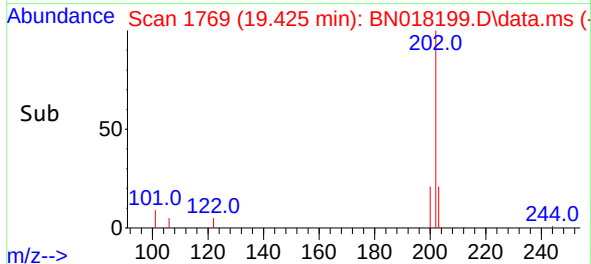
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



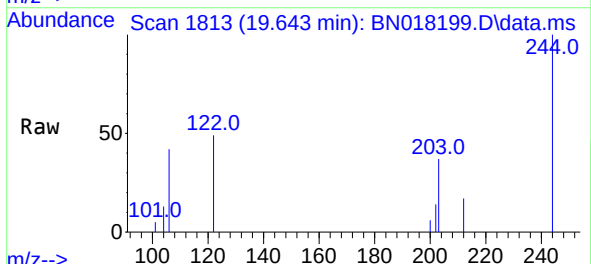
Tgt Ion:202 Resp: 90164
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 20.7 14.1 21.1

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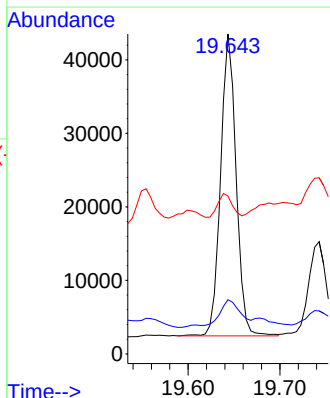
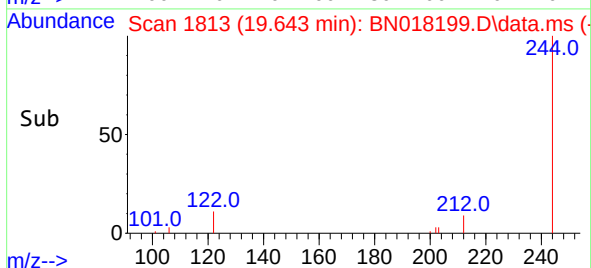
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

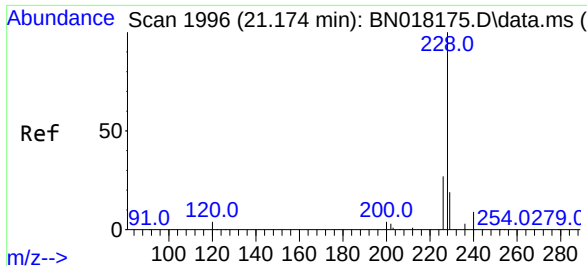


#31
Terphenyl-d14
Concen: 0.199 ng
RT: 19.643 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25



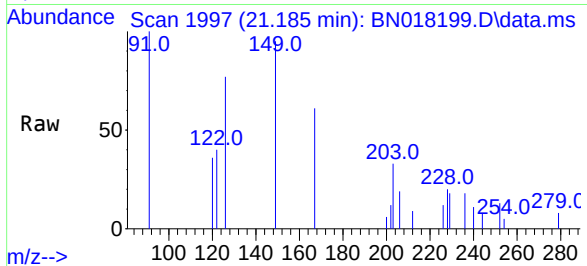
Tgt Ion:244 Resp: 48276
Ion Ratio Lower Upper
244 100
212 16.9 6.2 9.2#
122 49.3 7.9 11.9#





#32
Benzo(a)anthracene
Concen: 0.068 ng
RT: 21.185 min Scan# 1996
Delta R.T. 0.011 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

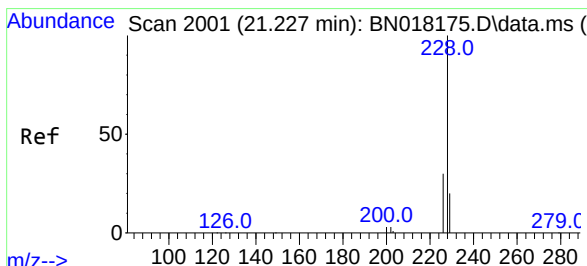
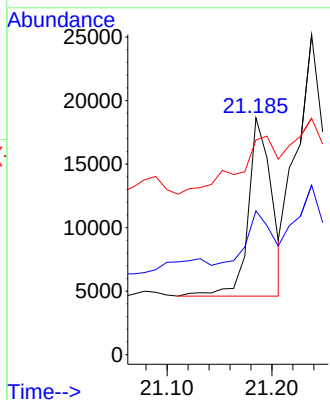
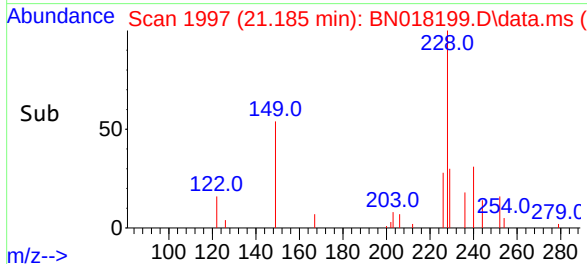
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



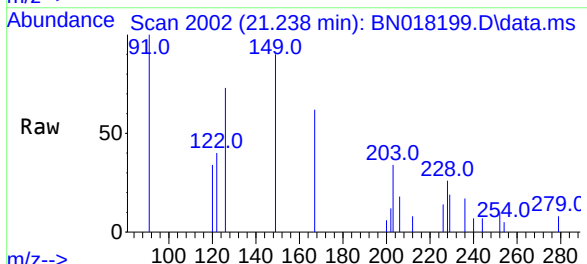
Tgt Ion:228 Resp: 21864
Ion Ratio Lower Upper
228 100
226 60.7 21.3 31.9#
229 90.7 15.9 23.9#

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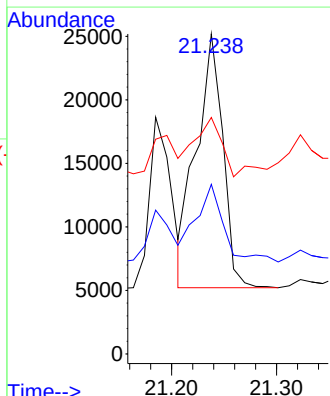
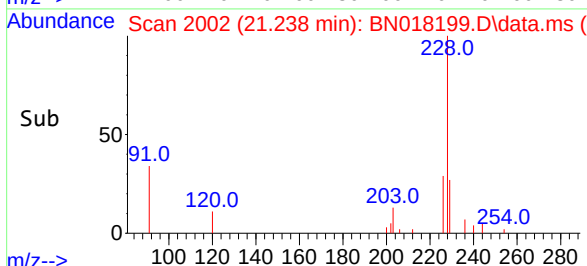
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

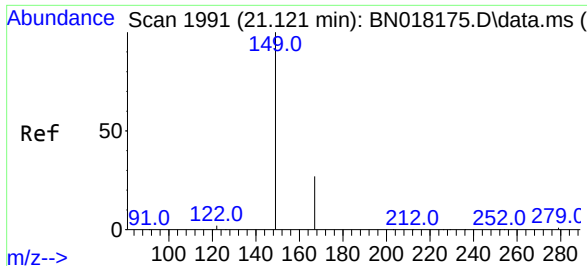


#33
Chrysene
Concen: 0.101 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.011 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25



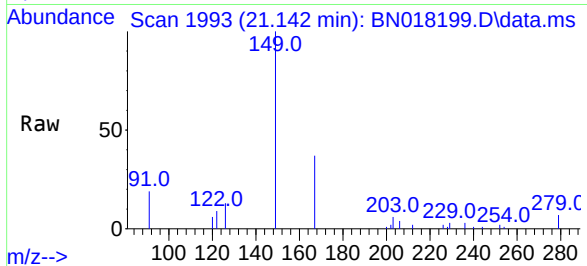
Tgt Ion:228 Resp: 35170
Ion Ratio Lower Upper
228 100
226 53.0 24.2 36.4#
229 73.9 15.5 23.3#





#34
Bis(2-ethylhexyl)phthalate
Concen: 3.088 ng
RT: 21.142 min Scan# 1993
Delta R.T. 0.021 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

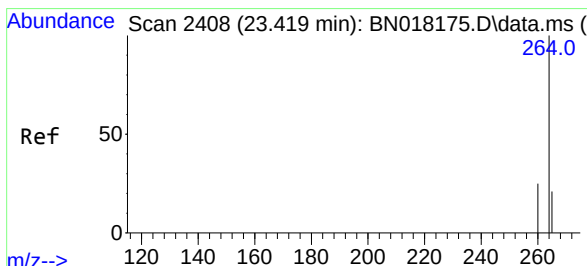
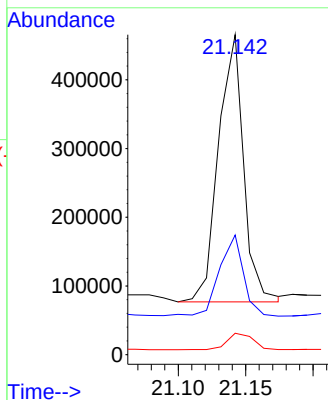
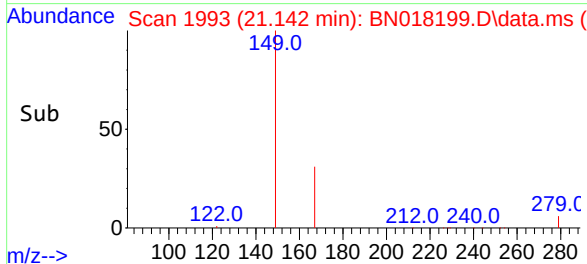
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



Tgt Ion:149 Resp: 50438
Ion Ratio Lower Upper
149 100
167 29.0 23.7 35.5
279 6.5 3.6 5.4

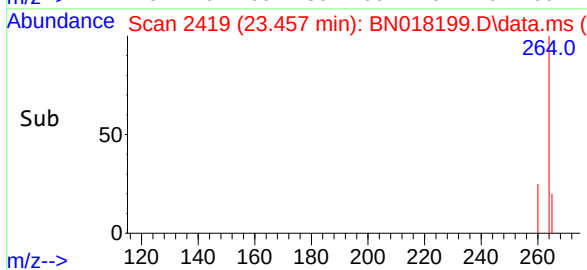
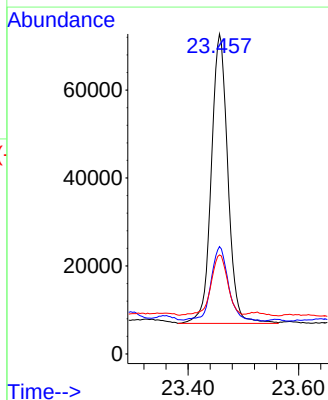
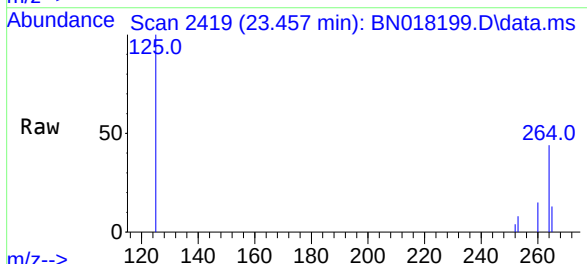
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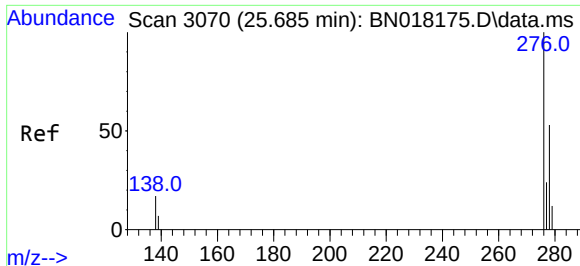
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.457 min Scan# 2419
Delta R.T. 0.038 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

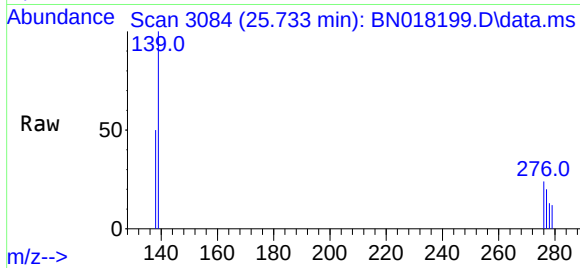
Tgt Ion:264 Resp: 136563
Ion Ratio Lower Upper
264 100
260 33.5 20.2 30.4#
265 30.9 18.2 27.2#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng
RT: 25.733 min Scan# 3070
Delta R.T. 0.048 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

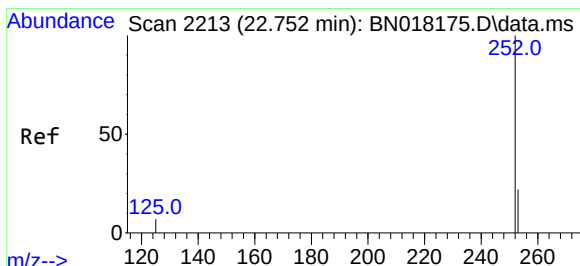
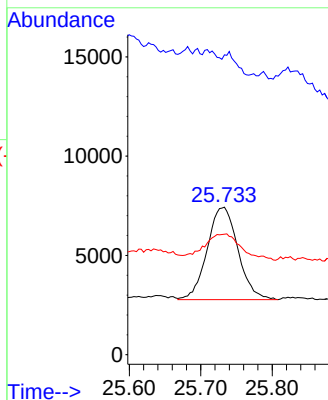
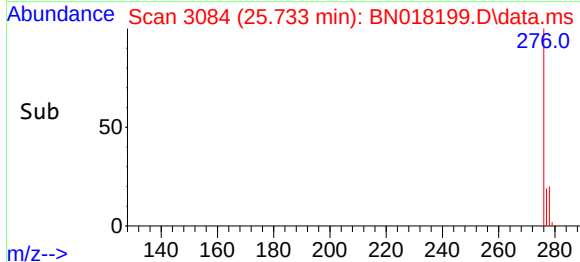
Instrument :
BNA_N
ClientSampleId :
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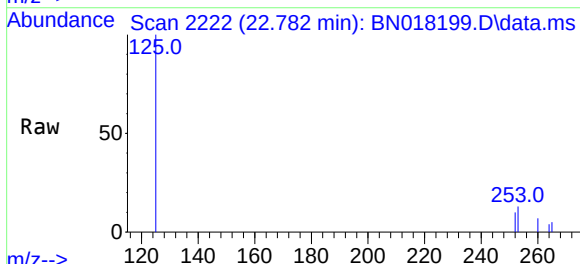
Tgt Ion:276 Resp: 13947
Ion Ratio Lower Upper
276 100
138 9.2 14.9 22.3#
277 34.3 19.9 29.9#

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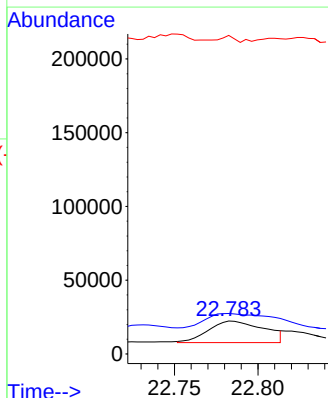
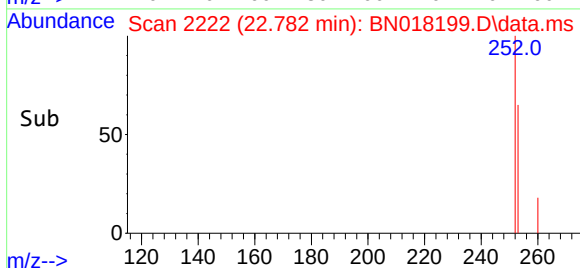
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

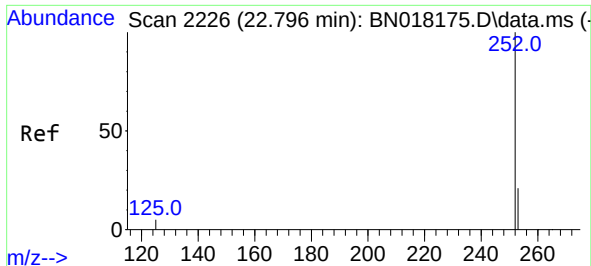


#37
Benzo(b)fluoranthene
Concen: 0.080 ng m
RT: 22.782 min Scan# 2222
Delta R.T. 0.030 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25



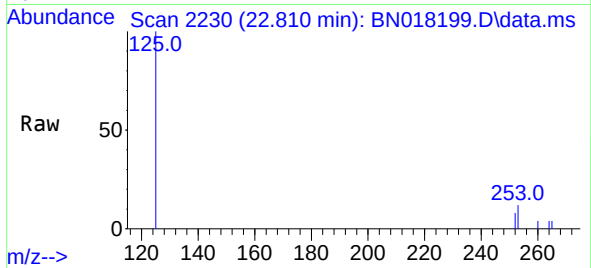
Tgt Ion:252 Resp: 33994
Ion Ratio Lower Upper
252 100
253 122.6 17.8 26.6#
125 965.0 6.0 9.0#





#38
Benzo(k)fluoranthene
Concen: 0.032 ng m
RT: 22.810 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

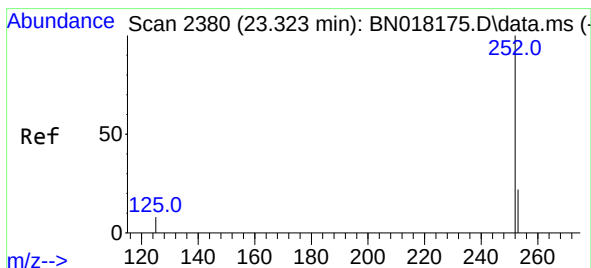
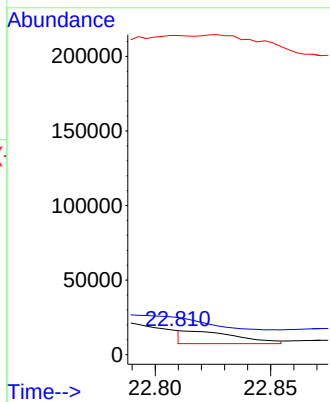
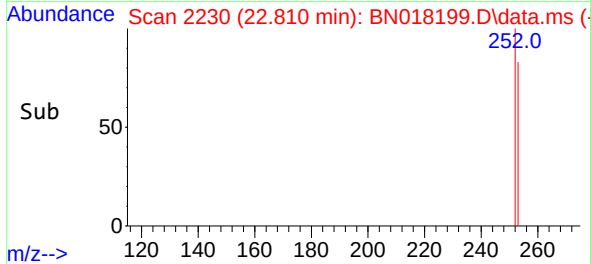
Instrument :
BNA_N
ClientSampleId :
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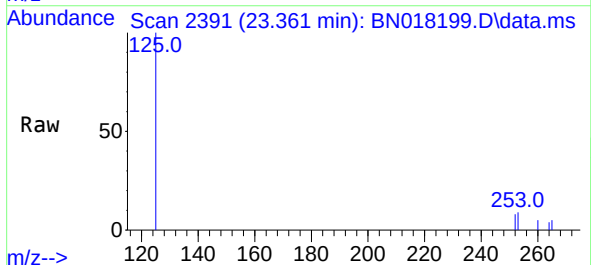
Tgt Ion:252 Resp: 1366
Ion Ratio Lower Upper
252 100
253 154.3 17.7 26.5#
125 1328.5 6.2 9.2#

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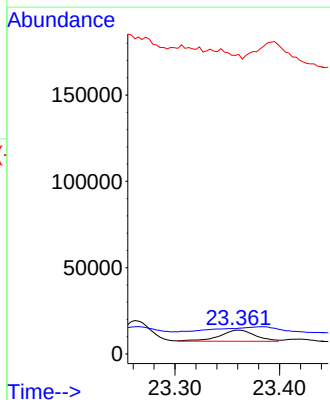
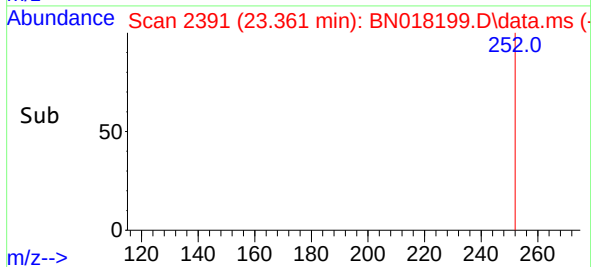
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

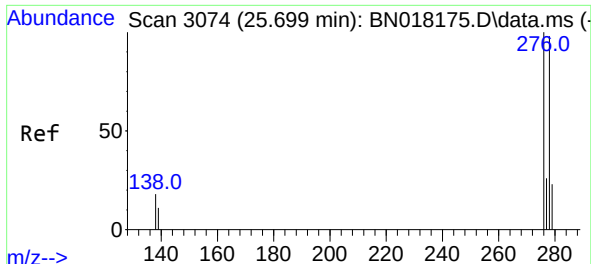


#39
Benzo(a)pyrene
Concen: 0.040 ng
RT: 23.361 min Scan# 2391
Delta R.T. 0.038 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25



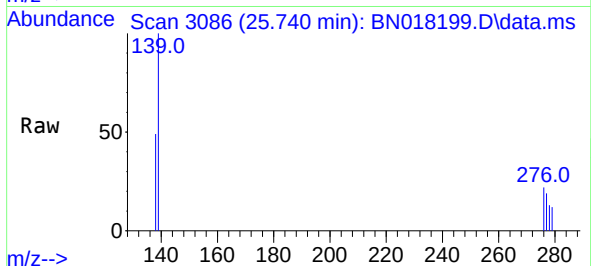
Tgt Ion:252 Resp: 15312
Ion Ratio Lower Upper
252 100
253 107.6 17.8 26.6#
125 1251.4 7.0 10.4#





#40
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 25.740 min Scan# 3074
Delta R.T. 0.041 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25

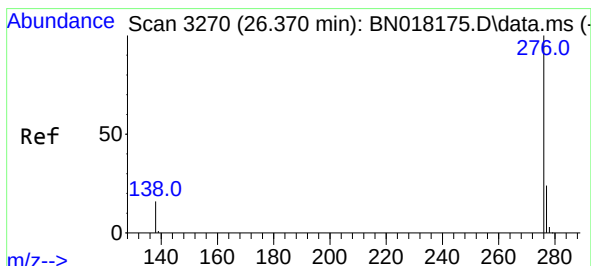
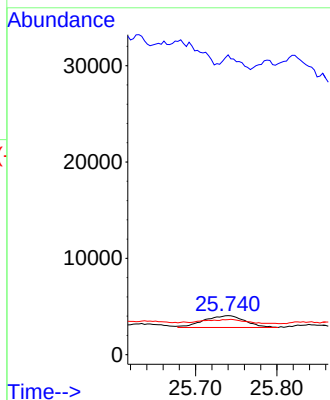
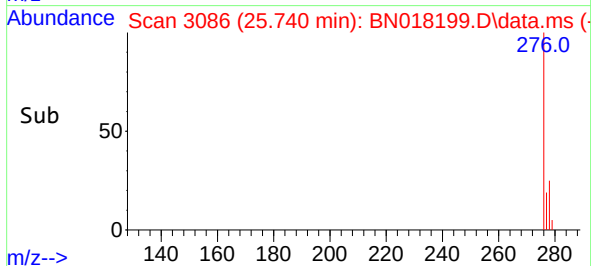
Instrument :
BNA_N
ClientSampleId :
OB-CS-08



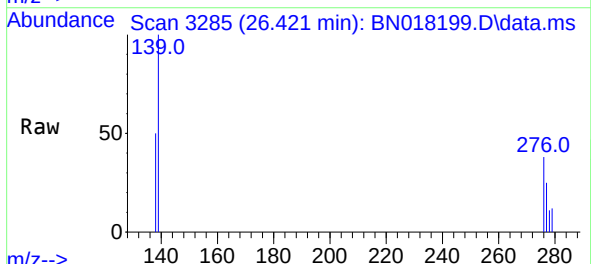
Tgt Ion:278 Resp: 4360
Ion Ratio Lower Upper
278 100
139 767.1 10.8 16.2
279 89.7 19.0 28.4

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



#41
Benzo(g,h,i)perylene
Concen: 0.054 ng
RT: 26.421 min Scan# 3285
Delta R.T. 0.051 min
Lab File: BN018199.D
Acq: 24 Dec 2021 03:25



Tgt Ion:276 Resp: 19712
Ion Ratio Lower Upper
276 100
277 64.4 19.0 28.6#
138 129.8 12.6 19.0#

