

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035661.D
 Acq On : 24 Jun 2022 14:00
 Operator : CG/JU
 Sample : PB145606BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS606

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 25 04:05:46 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 20 01:56:13 2022

Response via : Initial Calibration

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

1) 1,4-Dichlorobenzene-d4	7.901	152	3323	0.400	ng/ul	0.04
4) Naphthalene-d8	10.661	136	16002	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.473	164	9037m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	15793	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	11764	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	10415	0.400	ng/ul	0.00

06/27/2022

Supervised By :Yogesh Patel 06/28/2022

06/28/2022

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.268	96	3477	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	7287	0.306	ng/ul	0.03
18) Fluoranthene-d10	19.257	212	13745	0.348	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.298	88	11219m	2.410	ng/ul
5) Naphthalene	10.710	128	17346	0.320	ng/ul
7) 2-Methylnaphthalene	12.343	142	10032	0.324	ng/ul
8) 1-Methylnaphthalene	12.530	142	10220	0.359	ng/ul
10) Acenaphthylene	14.210	152	17169	0.337	ng/ul
11) Acenaphthene	14.538	153	12964	0.344	ng/ul
12) Fluorene	15.547	166	14589	0.342	ng/ul
14) Pentachlorophenol	16.933	266	1953	0.645	ng/ul
15) Phenanthrene	17.280	178	21329	0.368	ng/ul
16) Anthracene	17.385	178	16930	0.334	ng/ul
19) Fluoranthene	19.289	202	22893	0.381	ng/ul
20) Pyrene	19.647	202	26253	0.416	ng/ul
21) Benzo(a)anthracene	21.406	228	15498	0.348	ng/ul
22) Chrysene	21.450	228	20886	0.395	ng/ul
24) Benzo(b)fluoranthene	23.052	252	18385	0.403	ng/ul
25) Benzo(k)fluoranthene	23.099	252	18096	0.382	ng/ul
26) Benzo(a)pyrene	23.675	252	19418	0.411	ng/ul
27) Indeno(1,2,3-cd)pyrene	26.226	276	22519	0.413	ng/ul#
28) Dibenzo(a,h)anthracene	26.236	278	18190	0.409	ng/ul
29) Benzo(g,h,i)perylene	26.950	276	20968	0.430	ng/ul

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

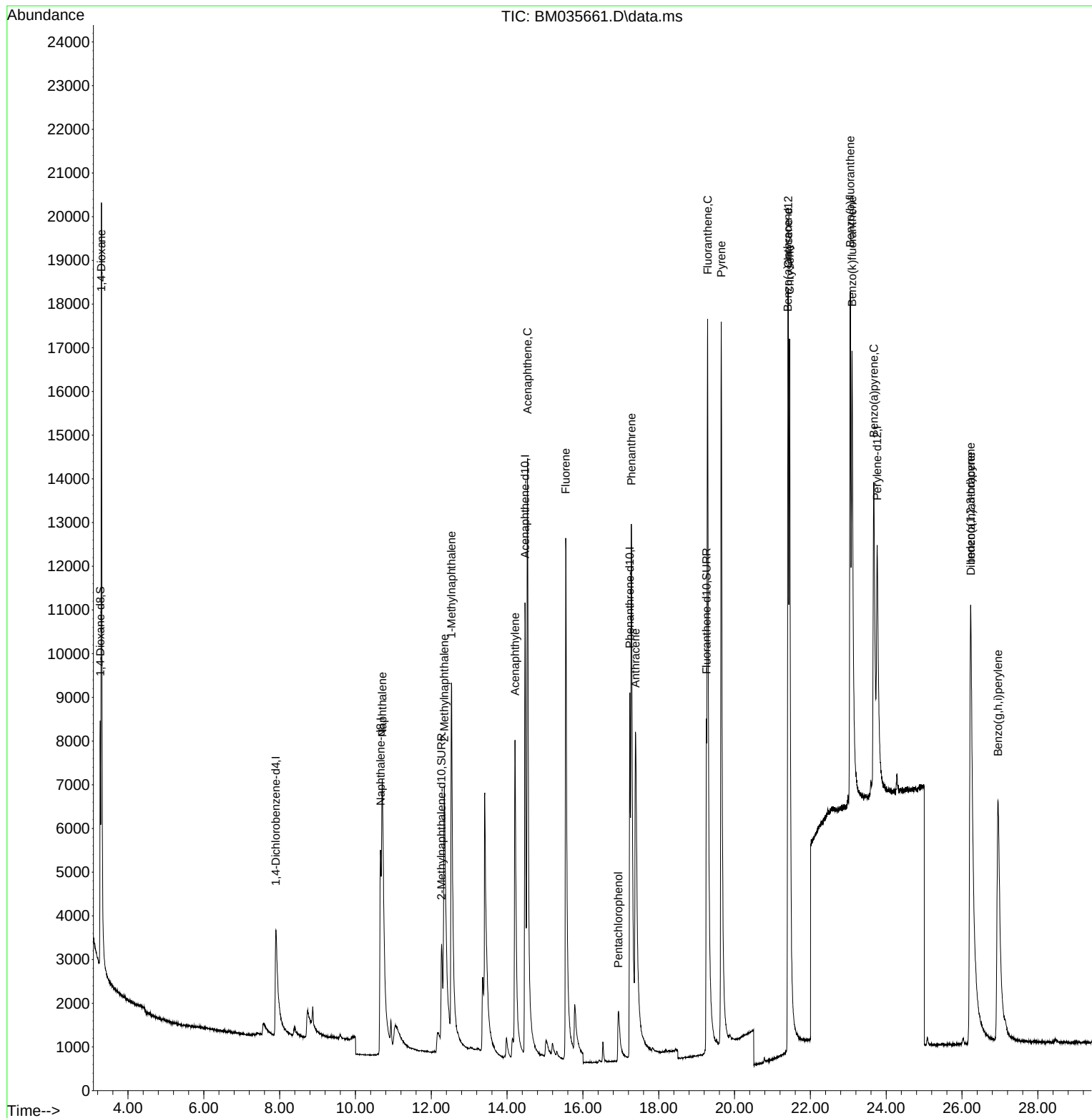
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035661.D
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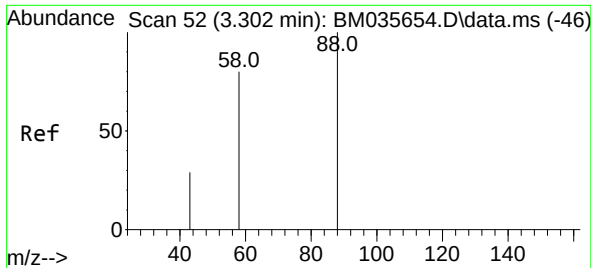
Instrument :
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Quant Time: Jun 25 04:05:46 2022
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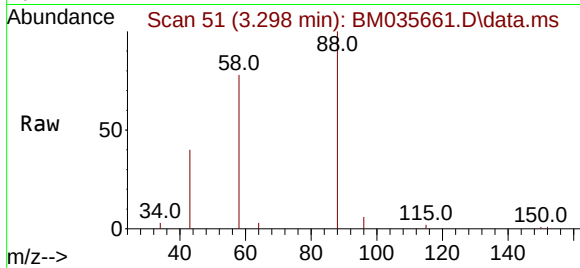
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022





#2
1,4-Dioxane
Concen: 2.410 ng/ul m
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

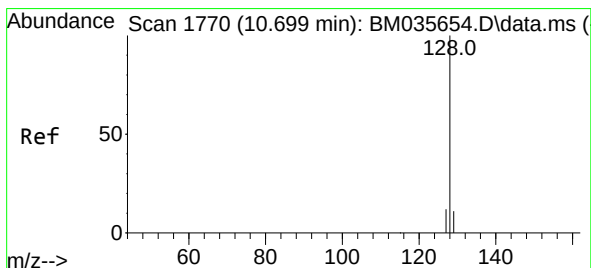
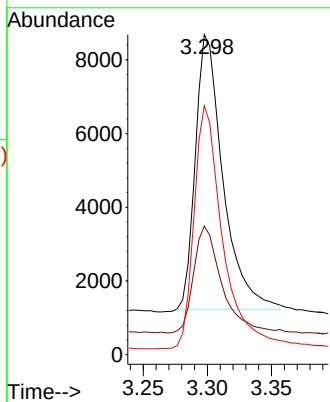
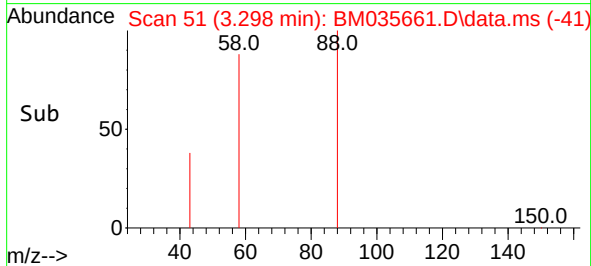
Instrument :
BNA_M
ClientSampleId :
SLCS606



Tgt Ion: 88 Resp: 11219
Ion Ratio Lower Upper
88 100
43 40.2 70.4 105.6
58 77.8 45.6 68.4

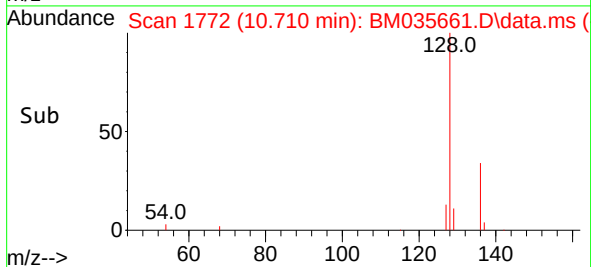
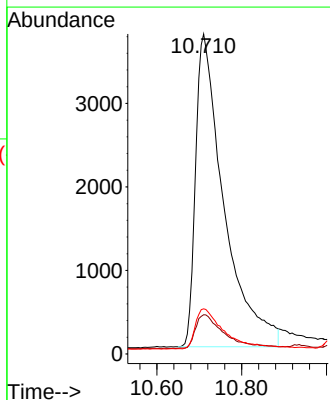
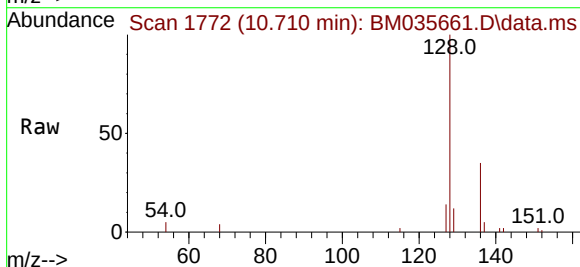
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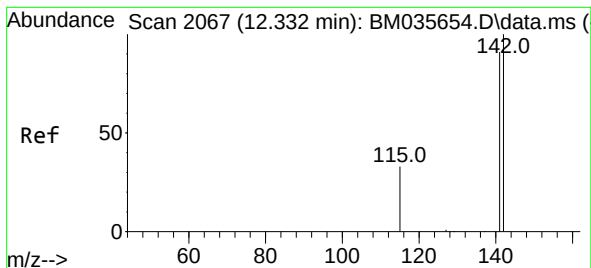
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. 0.017 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

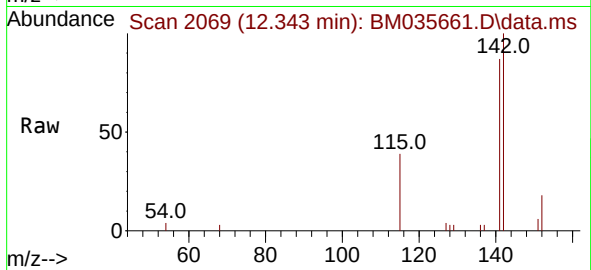
Tgt Ion:128 Resp: 17346
Ion Ratio Lower Upper
128 100
129 12.2 10.1 15.1
127 14.1 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.343 min Scan# 2067
Delta R.T. 0.022 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

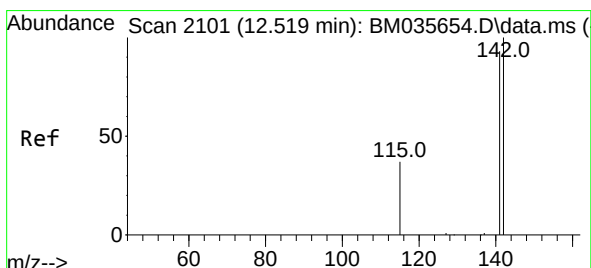
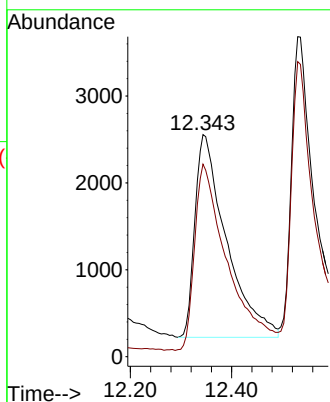
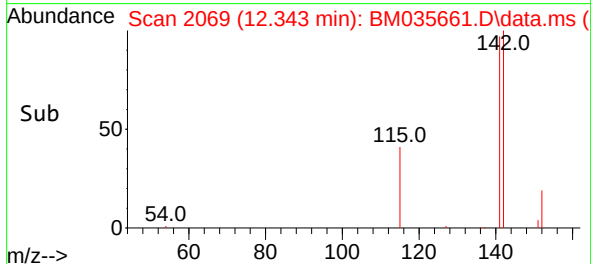
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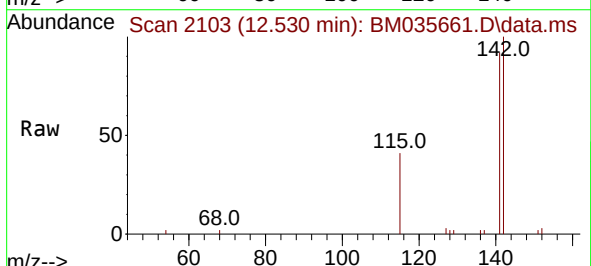
Tgt Ion:142 Resp: 1003
Ion Ratio Lower Upper
142 100
141 97.6 73.8 110.8

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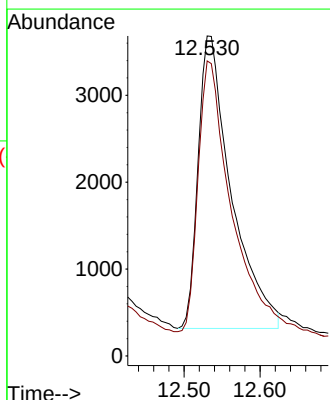
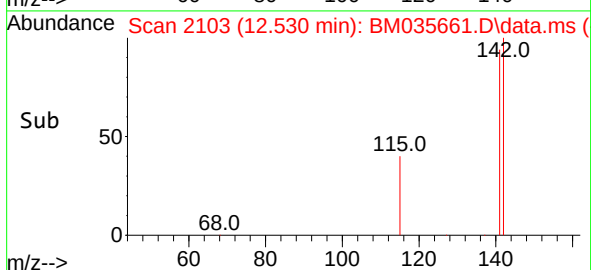
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

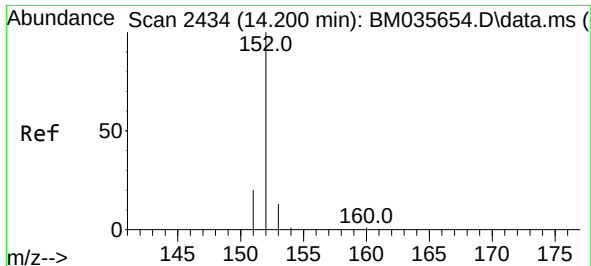


#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00



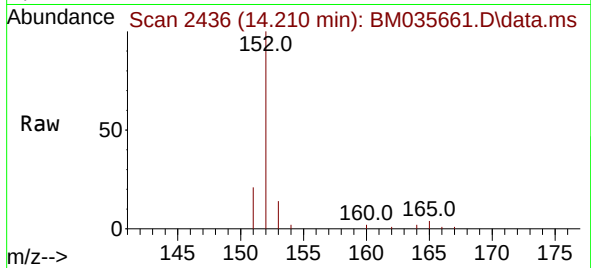
Tgt Ion:142 Resp: 10220
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8





#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.210 min Scan# 2434
Delta R.T. 0.008 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

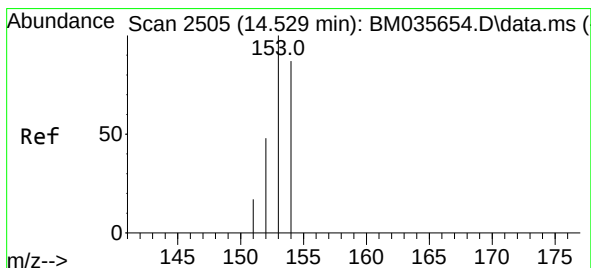
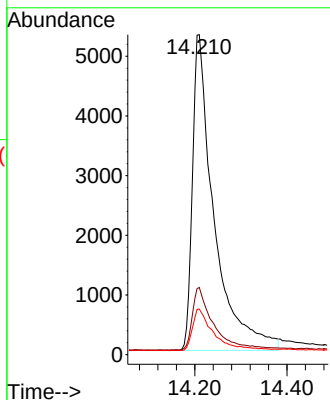
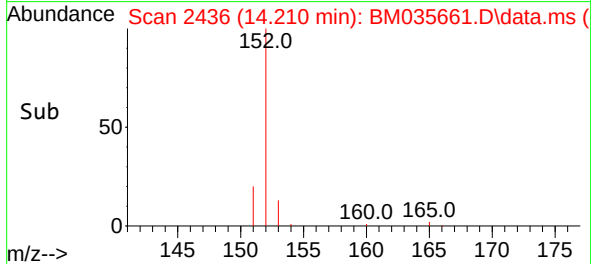
Instrument :
BNA_M
ClientSampleId :
SLCS606



Tgt Ion:152 Resp: 17169
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.3 11.1 16.7

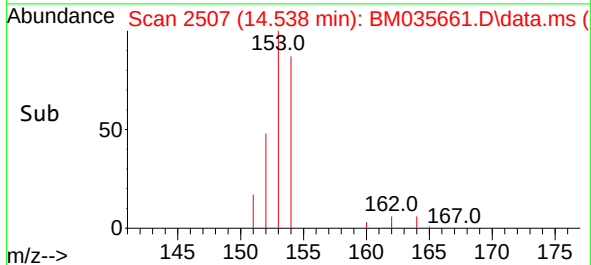
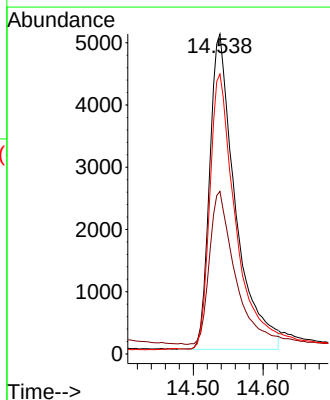
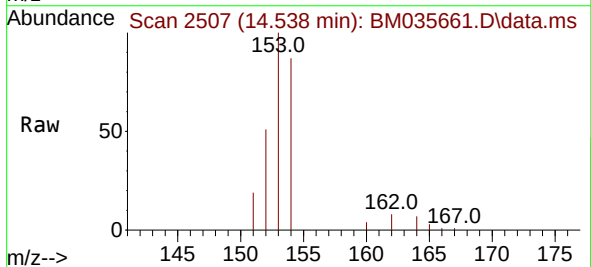
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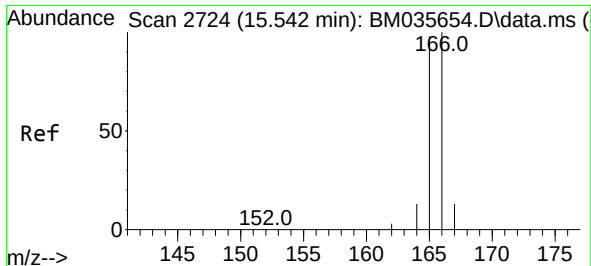
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

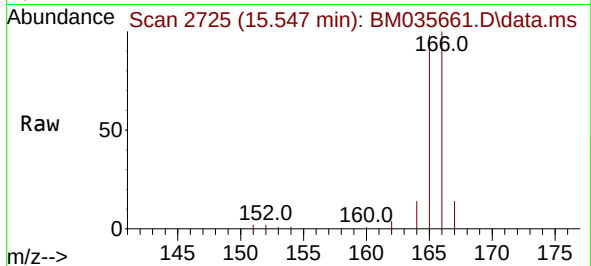
Tgt Ion:153 Resp: 12964
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 87.4 69.1 103.7





#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.547 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

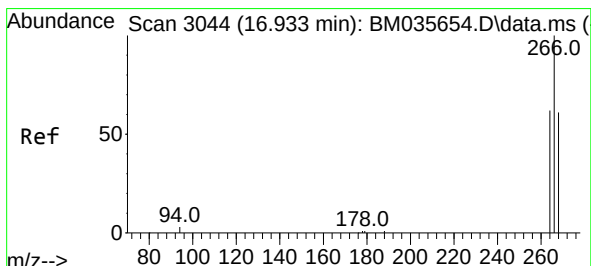
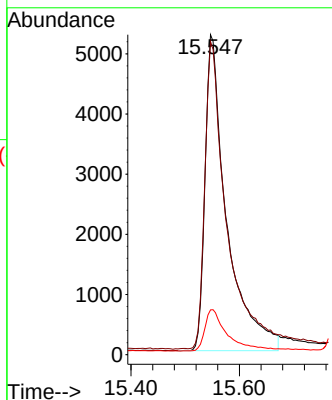
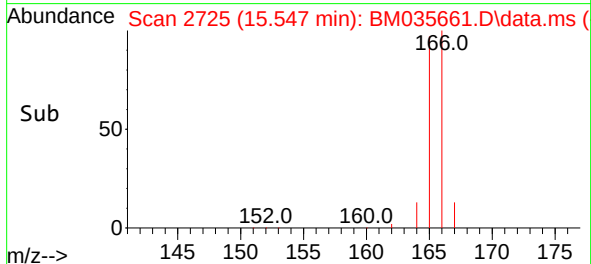
Instrument :
BNA_M
ClientSampleId :
SLCS606



Tgt Ion:166 Resp: 14589
Ion Ratio Lower Upper
166 100
165 97.9 78.7 118.1
167 14.0 11.6 17.4

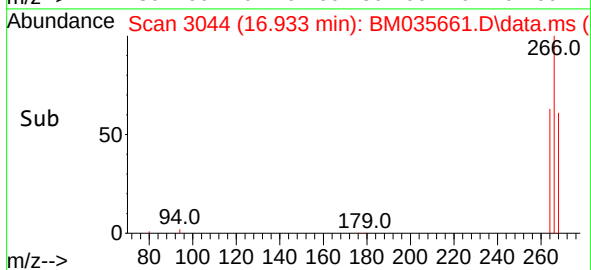
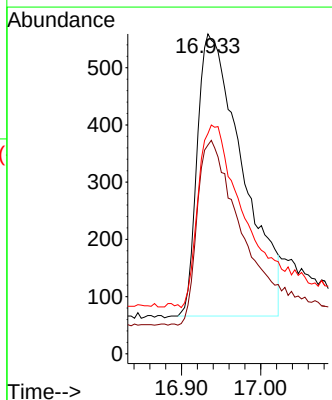
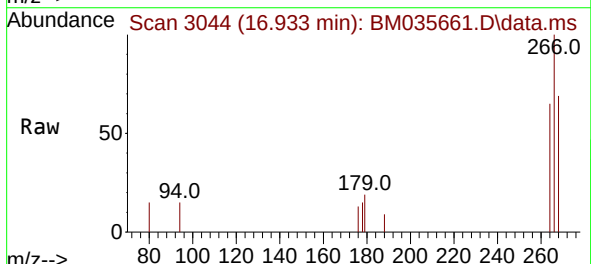
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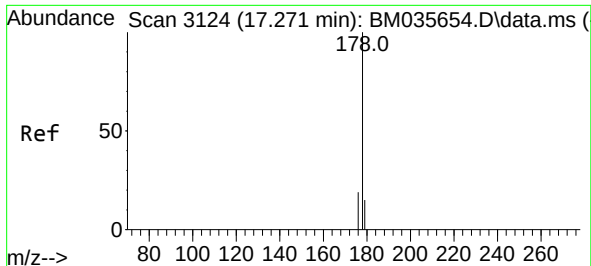
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#14
Pentachlorophenol
Concen: 0.645 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. 0.003 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

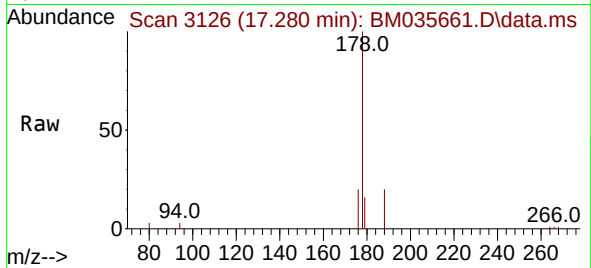
Tgt Ion:266 Resp: 1953
Ion Ratio Lower Upper
266 100
264 63.2 51.0 76.4
268 64.8 51.7 77.5





#15
Phenanthrene
Concen: 0.368 ng/u1
RT: 17.280 min Scan# 3126
Delta R.T. 0.008 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

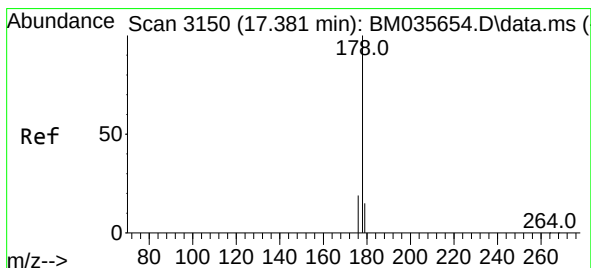
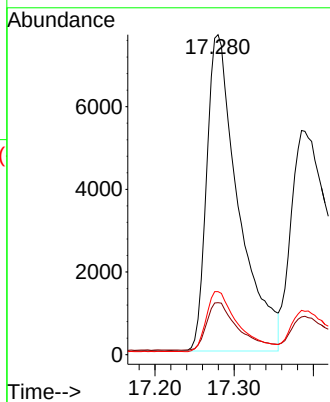
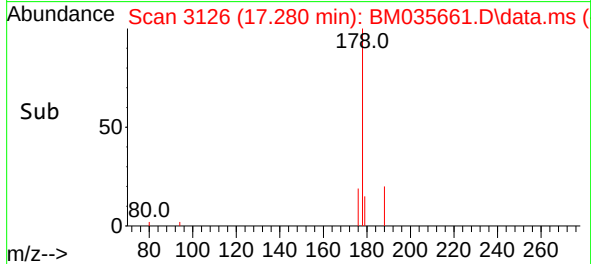
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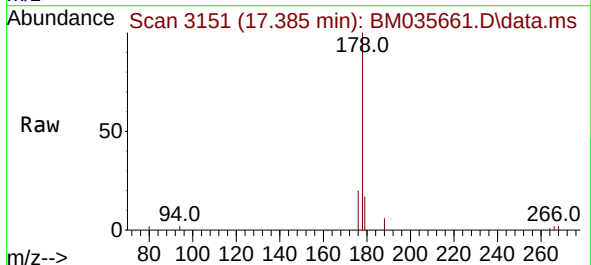
Tgt Ion:178 Resp: 21329
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 19.7 16.2 24.4

Manual Integrations
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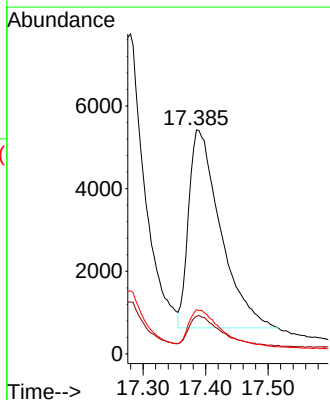
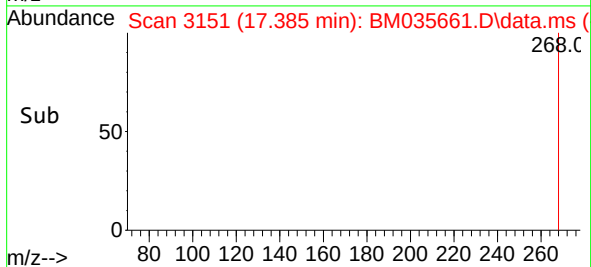
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Supervised By :Yogesh Patel 06/28/2022

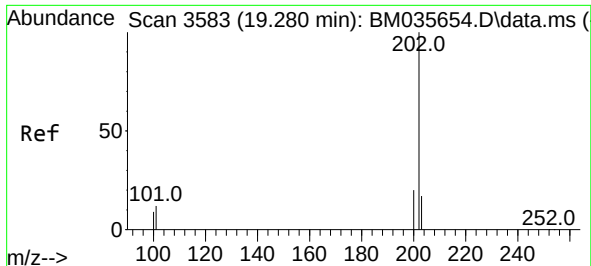


#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.385 min Scan# 3151
Delta R.T. 0.012 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00



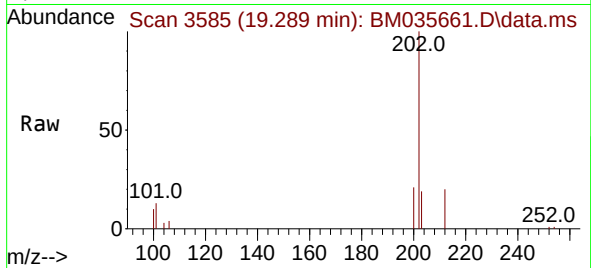
Tgt Ion:178 Resp: 16930
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.0
176 19.8 15.9 23.9





#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.289 min Scan# 3583
Delta R.T. 0.004 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

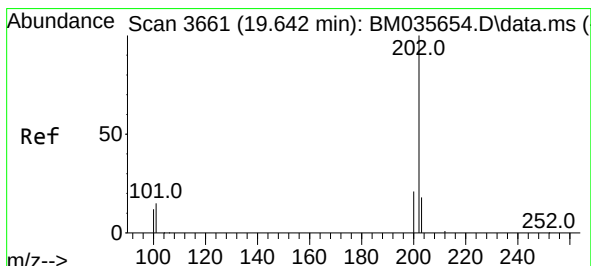
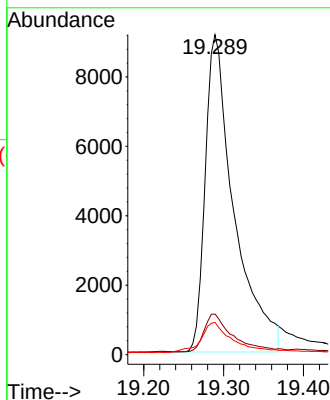
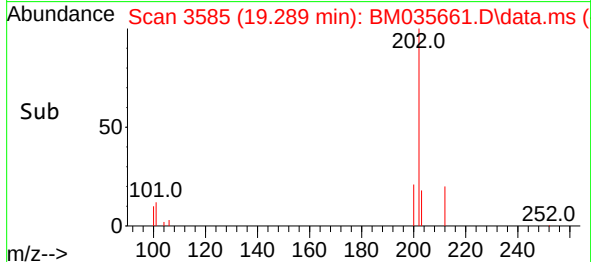
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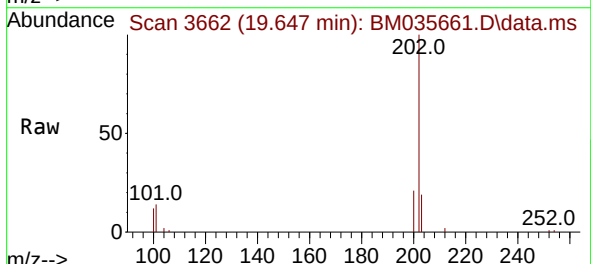
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Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.1 7.5 11.3

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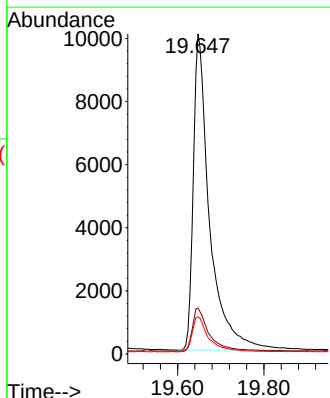
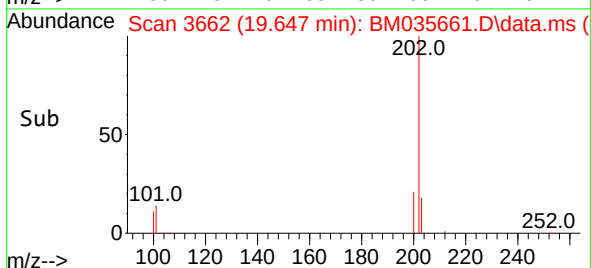
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

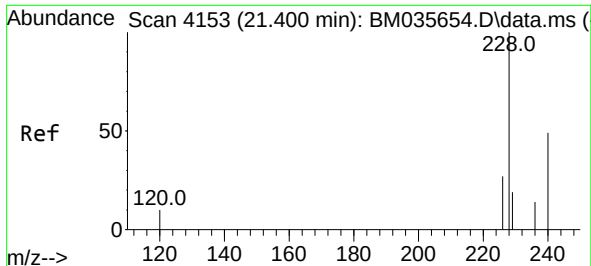


#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00



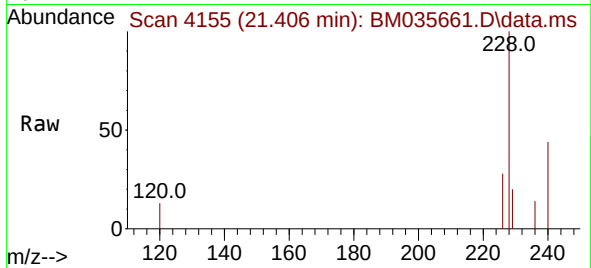
Tgt Ion:202 Resp: 26253
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.6 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.348 ng/u1
RT: 21.406 min Scan# 4153
Delta R.T. 0.007 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

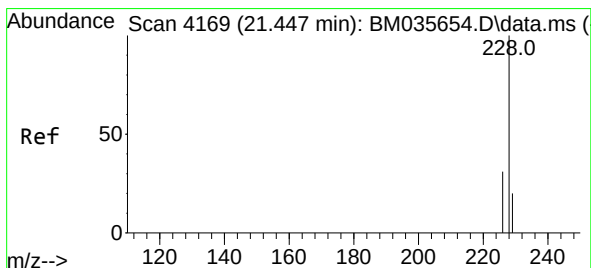
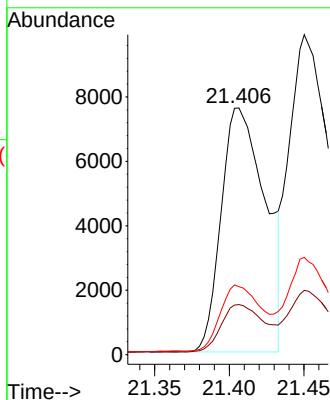
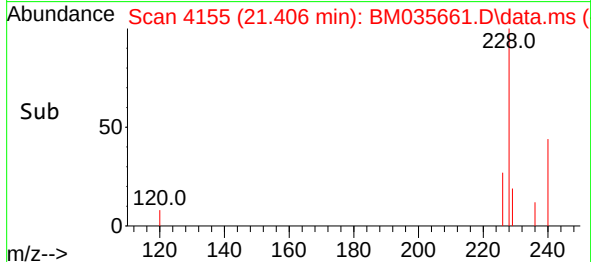
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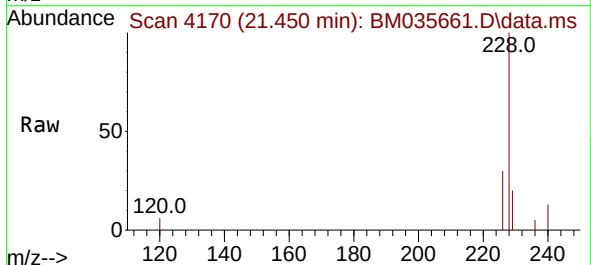
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Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.6 22.3 33.5

Manual Integrations
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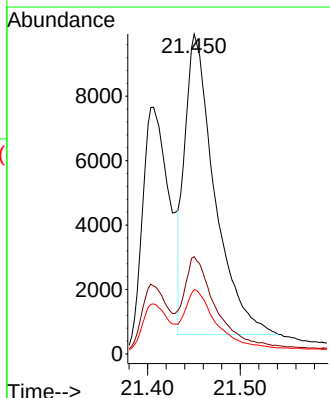
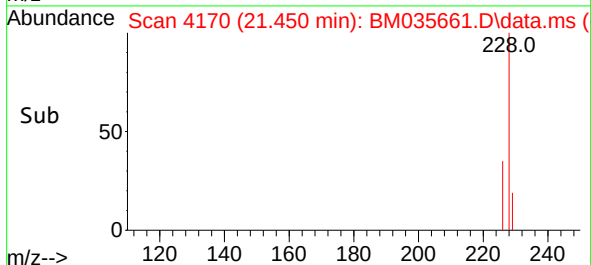
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

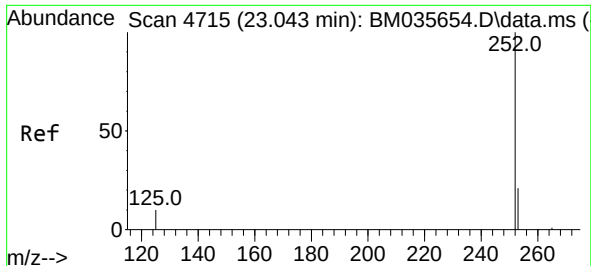


#22
Chrysene
Concen: 0.395 ng/u1
RT: 21.450 min Scan# 4170
Delta R.T. 0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00



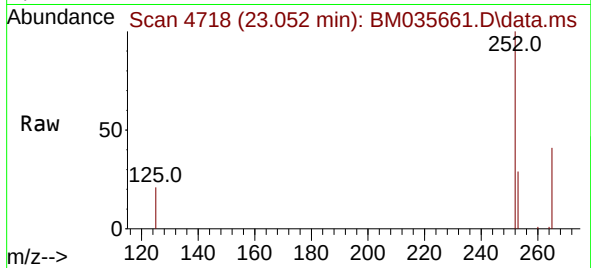
Tgt Ion:228 Resp: 20886
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.1 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 23.052 min Scan# 4715
Delta R.T. 0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

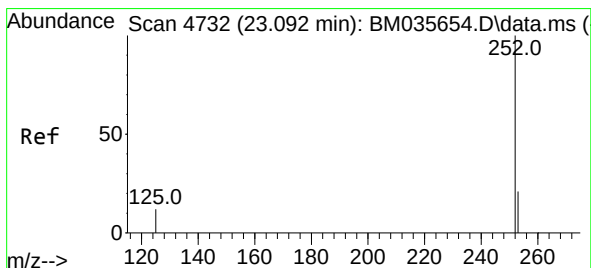
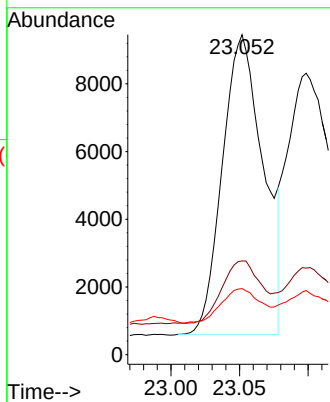
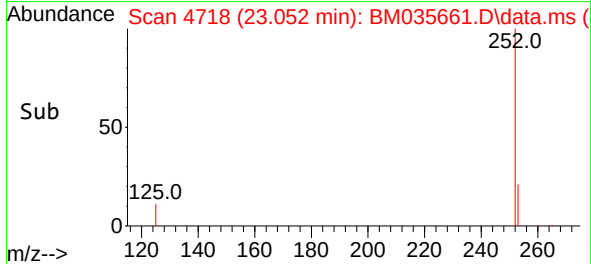
Instrument :
BNA_M
ClientSampleId :
SLCS606



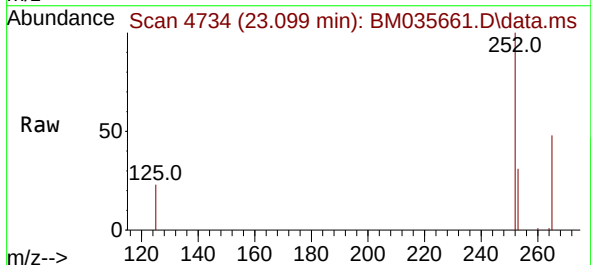
Tgt Ion:252 Resp: 18385
Ion Ratio Lower Upper
252 100
253 29.3 0.0 60.6
125 20.6 0.0 44.8

Manual Integrations
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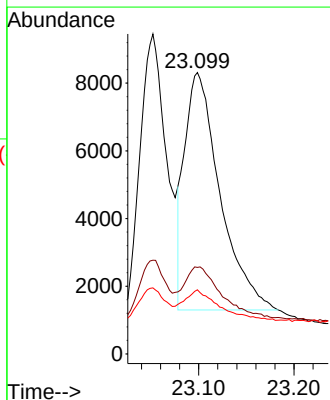
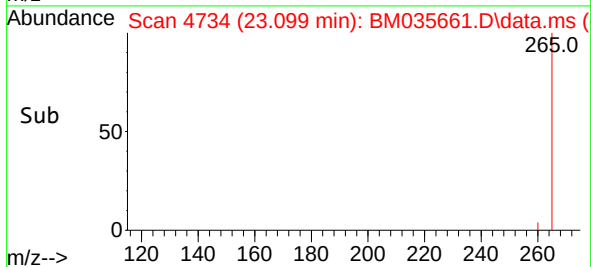
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

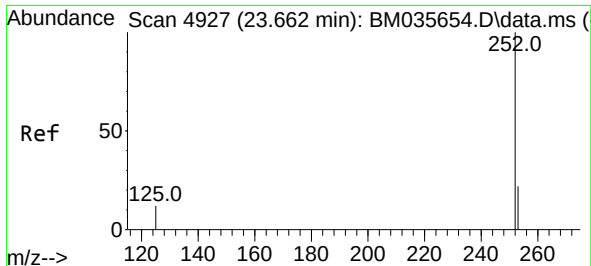


#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. 0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00



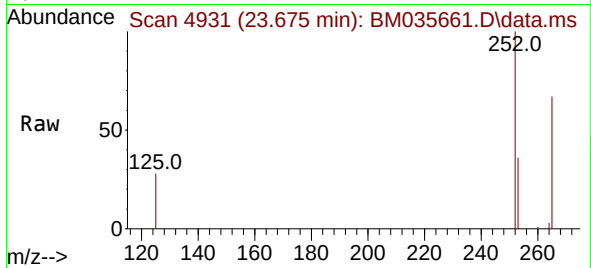
Tgt Ion:252 Resp: 18096
Ion Ratio Lower Upper
252 100
253 30.8 24.7 37.1
125 22.8 18.2 27.4





#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.675 min Scan# 4927
Delta R.T. 0.007 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

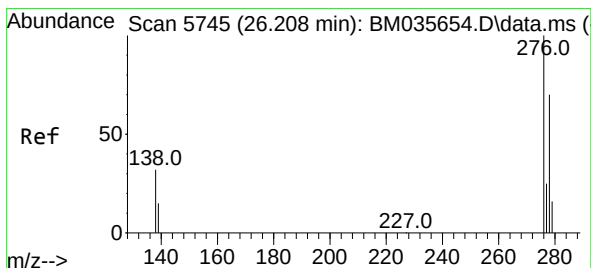
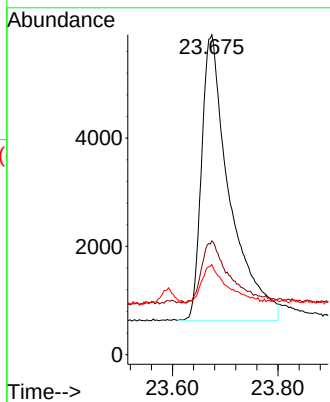
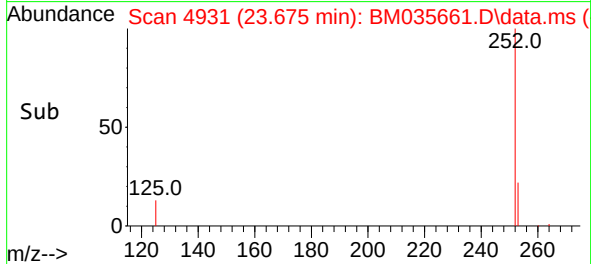
Instrument :
BNA_M
ClientSampleId :
SLCS606



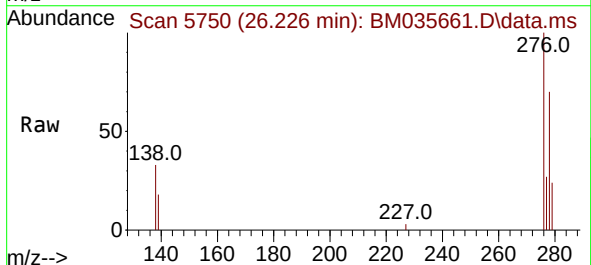
Tgt Ion:252 Resp: 19418
Ion Ratio Lower Upper
252 100
253 35.6 27.8 41.6
125 28.2 23.3 34.9

Manual Integrations
APPROVED

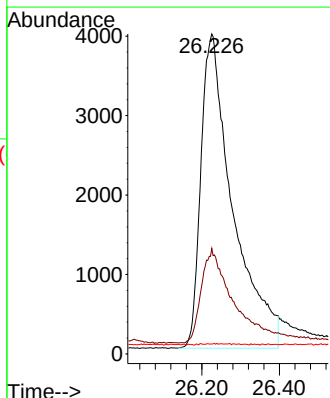
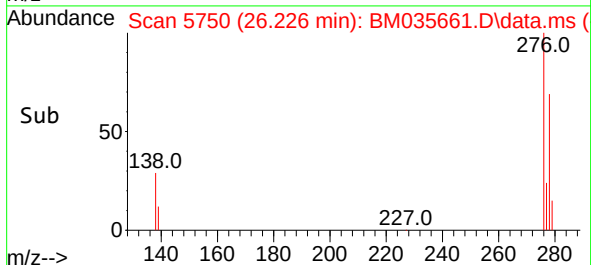
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

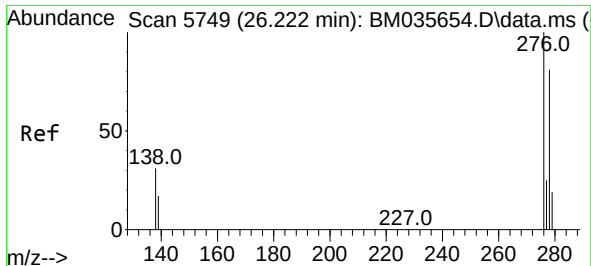


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. 0.014 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00



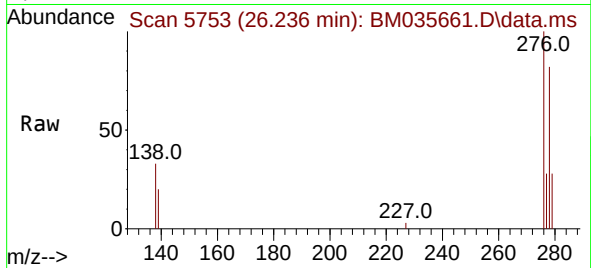
Tgt Ion:276 Resp: 22519
Ion Ratio Lower Upper
276 100
138 29.5 24.8 37.2
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.236 min Scan# 5753
Delta R.T. 0.014 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

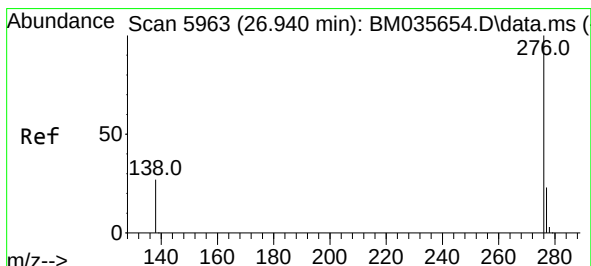
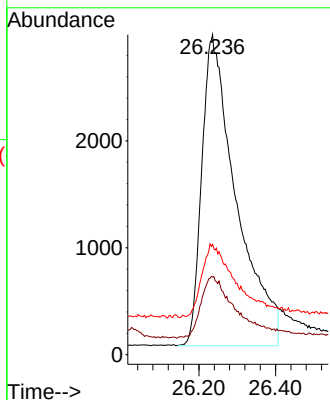
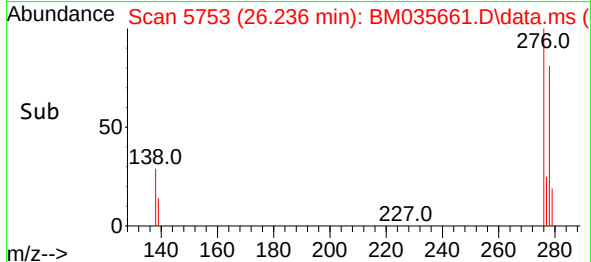
Instrument :
BNA_M
ClientSampleId :
SLCS606



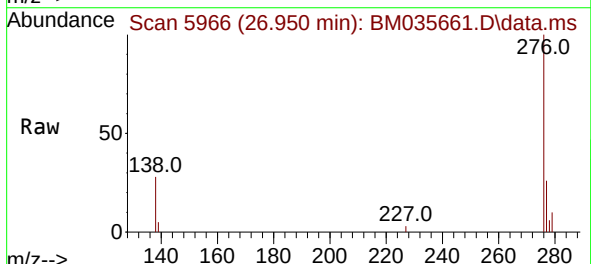
Tgt Ion:278 Resp: 18190
Ion Ratio Lower Upper
278 100
139 24.3 19.1 28.7
279 34.5 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.430 ng/ul
RT: 26.950 min Scan# 5966
Delta R.T. 0.004 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00



Tgt Ion:276 Resp: 20968
Ion Ratio Lower Upper
276 100
138 27.7 23.1 34.7
277 25.9 20.3 30.5

