

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034655.D
 Acq On : 13 Apr 2022 14:04
 Operator : CG/JU
 Sample : PB143967BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS967

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 14 04:15:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 15:46:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	1088	0.400	ng/ul	0.03
4) Naphthalene-d8	10.721	136	4482	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.534	164	2307m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	2519	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.489	240	2940	0.400	ng/ul	# 0.02
23) Perylene-d12	23.856	264	2411	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1619	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	1614	0.272	ng/ul	0.03
18) Fluoranthene-d10	19.313	212	2942	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	4265	2.284	ng/ul#	81
5) Naphthalene	10.776	128	3521	0.272	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	1853	0.239	ng/ul	96
8) 1-Methylnaphthalene	12.602	142	1924	0.246	ng/ul	99
10) Acenaphthylene	14.261	152	3288	0.303	ng/ul	96
11) Acenaphthene	14.599	153	2433	0.281	ng/ul	97
12) Fluorene	15.602	166	2212	0.248	ng/ul	99
14) Pentachlorophenol	16.955	266	529	0.541	ng/ul	96
15) Phenanthrene	17.339	178	2846	0.350	ng/ul#	91
16) Anthracene	17.453	178	1673	0.269	ng/ul#	89
19) Fluoranthene	19.345	202	3799	0.312	ng/ul#	91
20) Pyrene	19.703	202	4695	0.327	ng/ul#	90
21) Benzo(a)anthracene	21.480	228	1408m	0.229	ng/ul	
22) Chrysene	21.506	228	2613	0.337	ng/ul	98
24) Benzo(b)fluoranthene	23.119	252	2663m	0.336	ng/ul	
25) Benzo(k)fluoranthene	23.175	252	2205	0.278	ng/ul#	65
26) Benzo(a)pyrene	23.777	252	3426	0.376	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.363	276	4020	0.333	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.407	278	2868	0.328	ng/ul#	33
29) Benzo(g,h,i)perylene	27.091	276	4717	0.358	ng/ul#	89

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

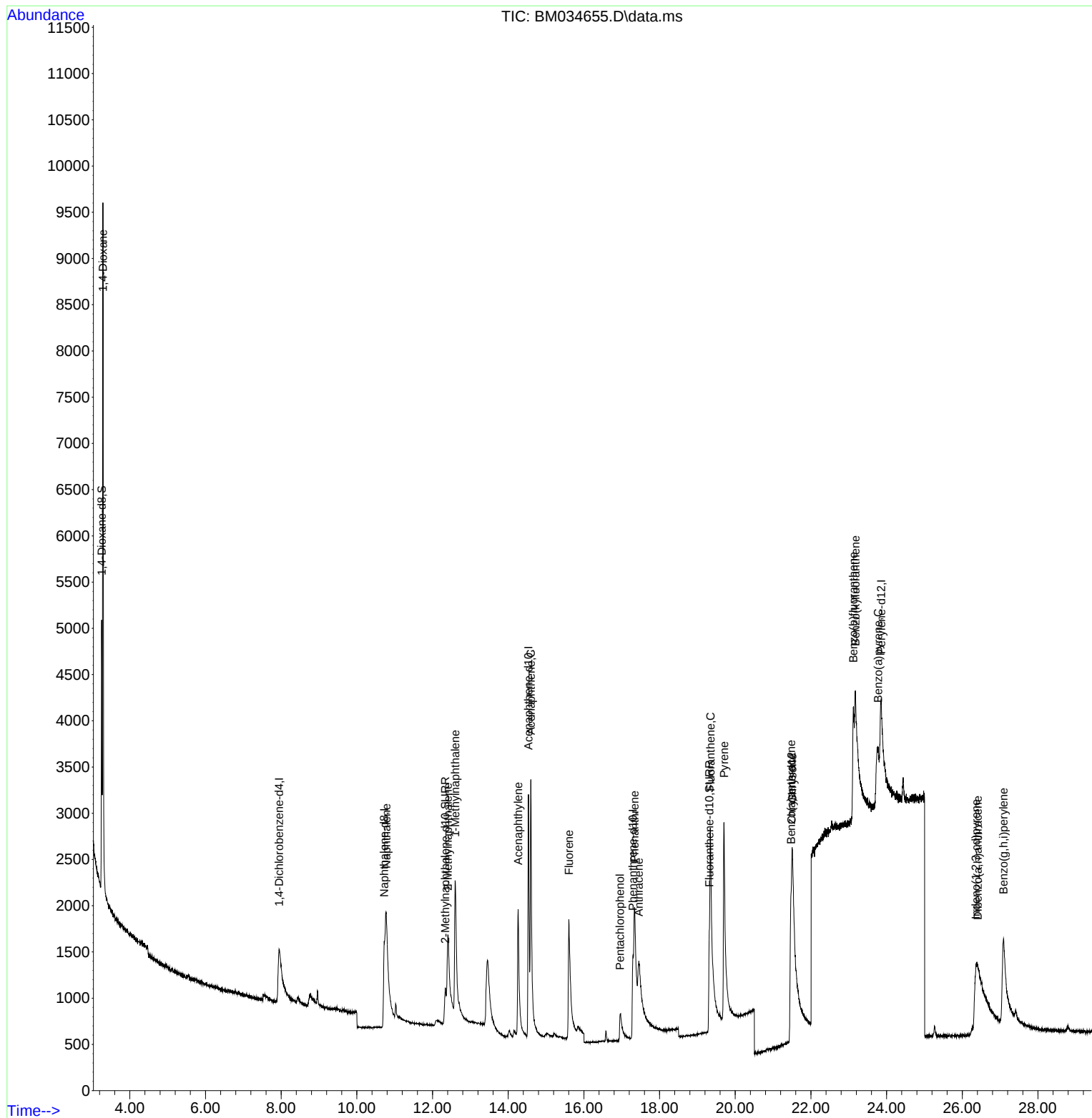
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
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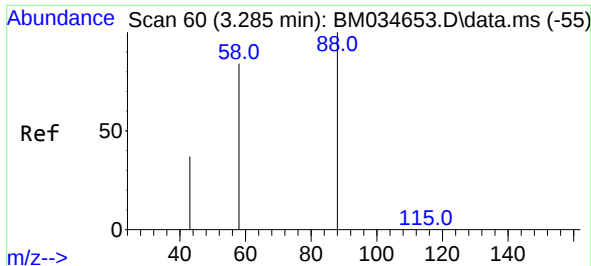
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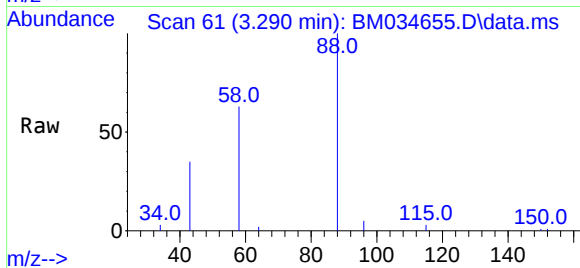
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022





#2
1,4-Dioxane
Concen: 2.284 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

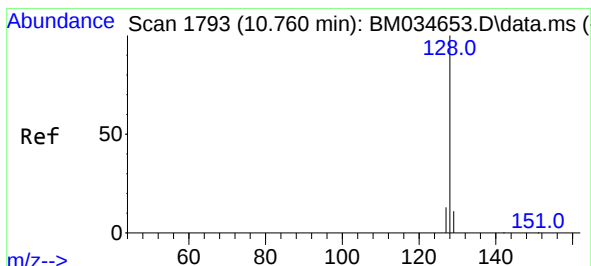
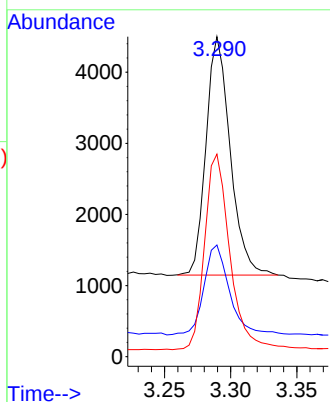
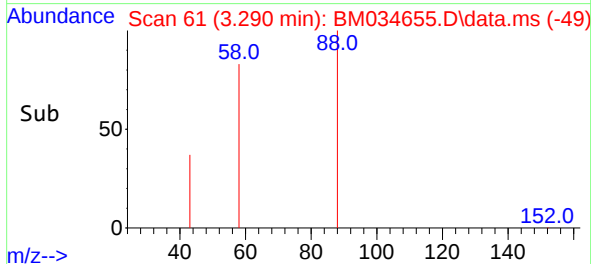
Instrument :
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Tgt Ion: 88 Resp: 426
Ion Ratio Lower Upper
88 100
43 34.9 49.7 74.5
58 63.3 52.5 78.7

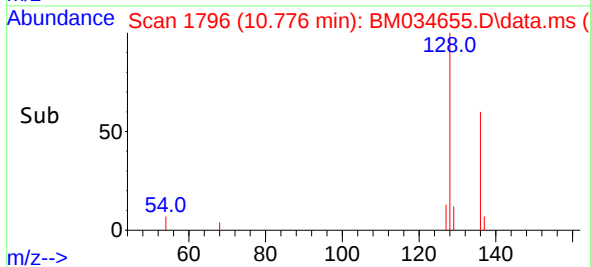
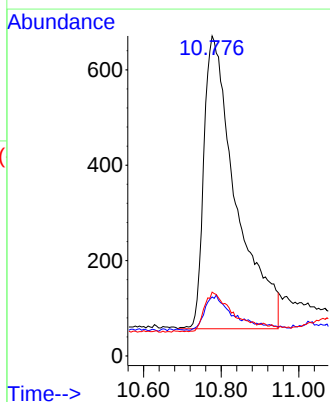
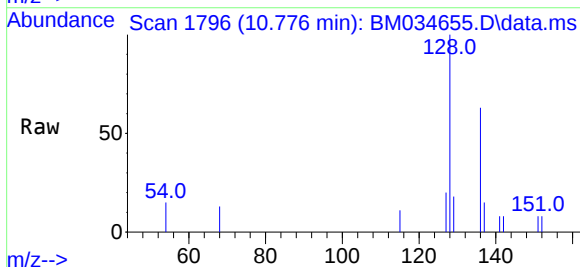
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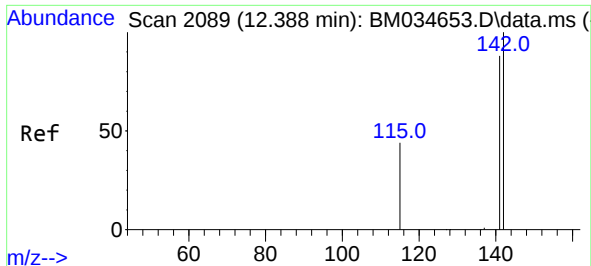
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#5
Naphthalene
Concen: 0.272 ng/ul
RT: 10.776 min Scan# 1796
Delta R.T. 0.022 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

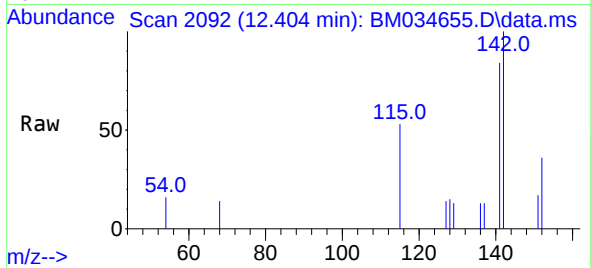
Tgt Ion:128 Resp: 3521
Ion Ratio Lower Upper
128 100
129 18.5 13.4 20.2
127 20.0 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.404 min Scan# 2092
Delta R.T. 0.022 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

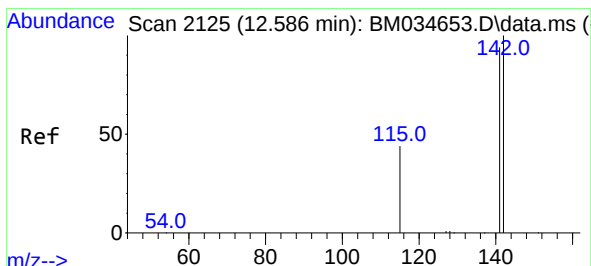
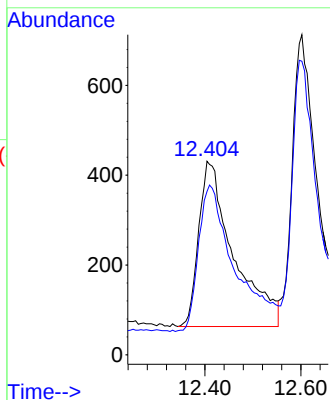
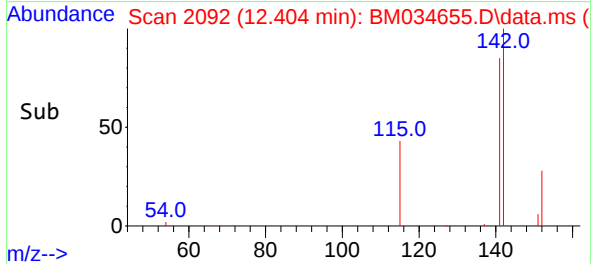
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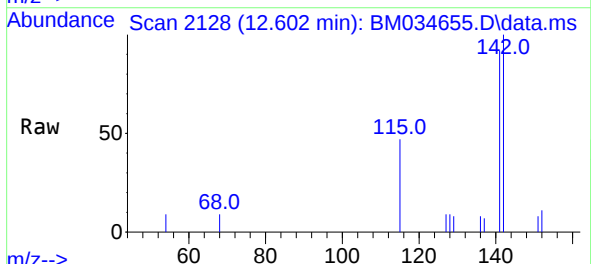
Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
141 93.2 71.8 107.6

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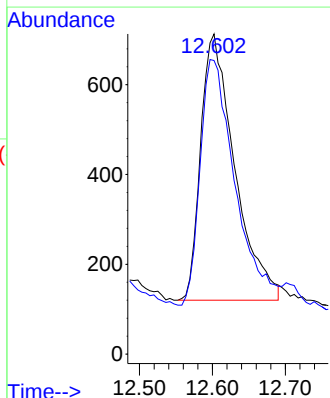
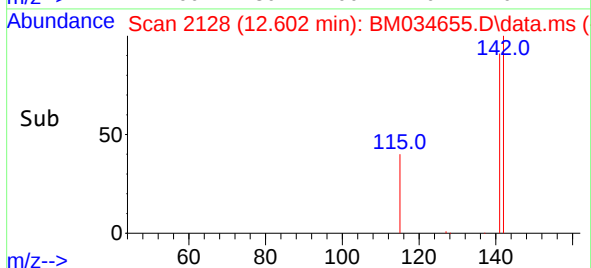
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

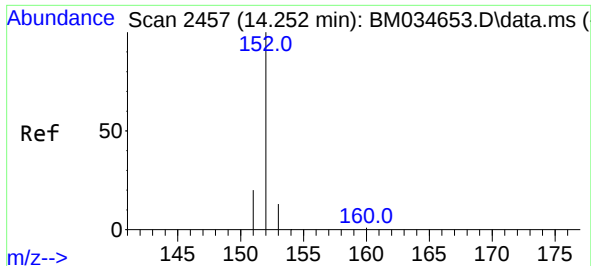


#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.602 min Scan# 2128
Delta R.T. 0.011 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04



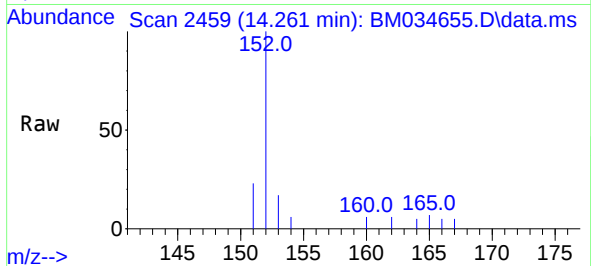
Tgt Ion:142 Resp: 1924
Ion Ratio Lower Upper
142 100
141 95.0 75.0 112.4





#10
Acenaphthylene
Concen: 0.303 ng/u1
RT: 14.261 min Scan# 2458
Delta R.T. 0.005 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

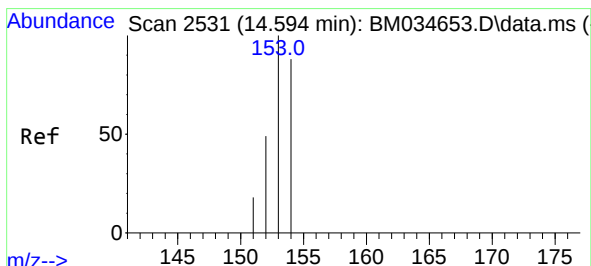
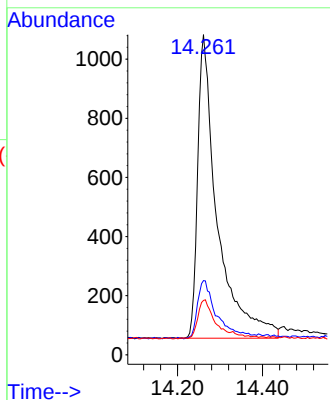
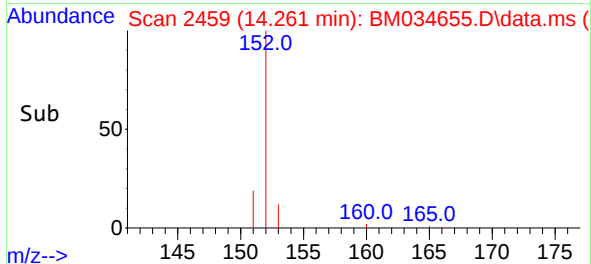
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 3288
Ion Ratio Lower Upper
152 100
151 23.2 19.9 29.9
153 17.0 15.0 22.4

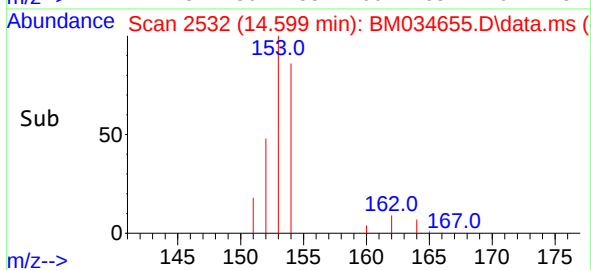
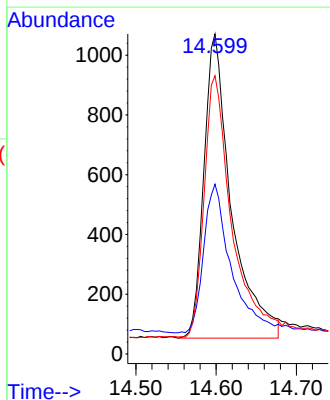
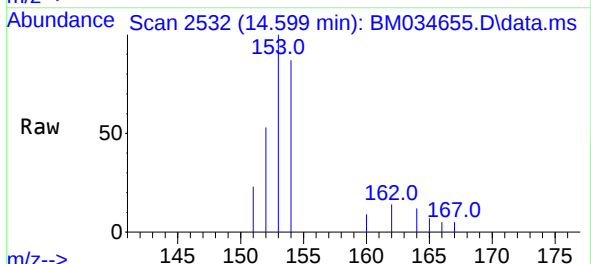
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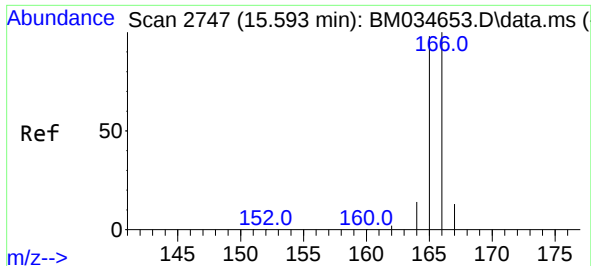
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#11
Acenaphthene
Concen: 0.281 ng/u1
RT: 14.599 min Scan# 2532
Delta R.T. 0.005 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

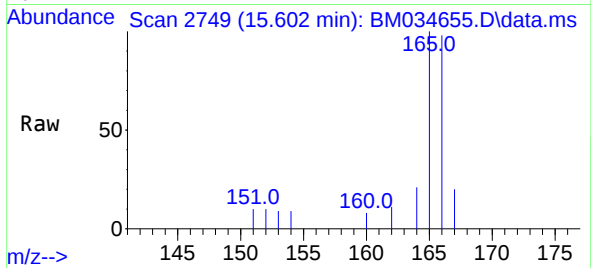
Tgt Ion:153 Resp: 2433
Ion Ratio Lower Upper
153 100
152 53.0 42.4 63.6
154 86.9 66.2 99.2





#12
Fluorene
Concen: 0.248 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

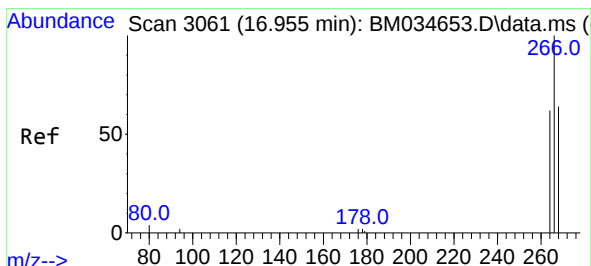
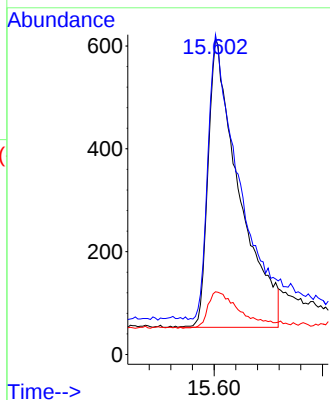
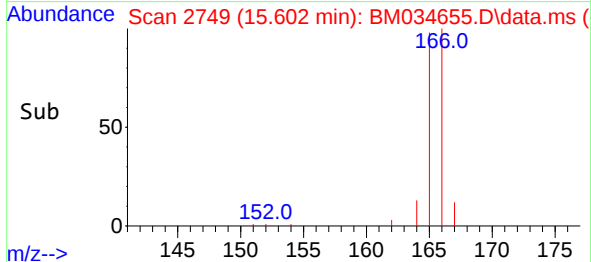
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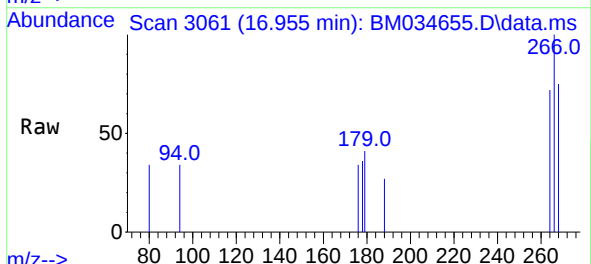
Tgt Ion:166 Resp: 221
Ion Ratio Lower Upper
166 100
165 101.6 81.1 121.7
167 19.9 14.9 22.3

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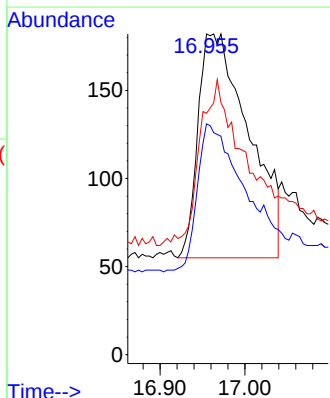
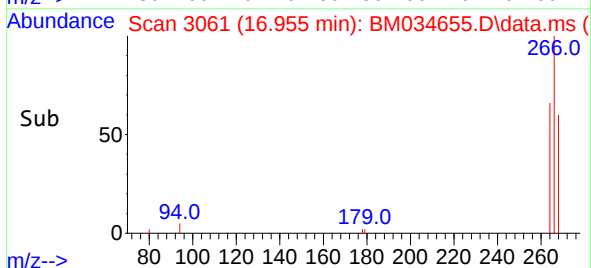
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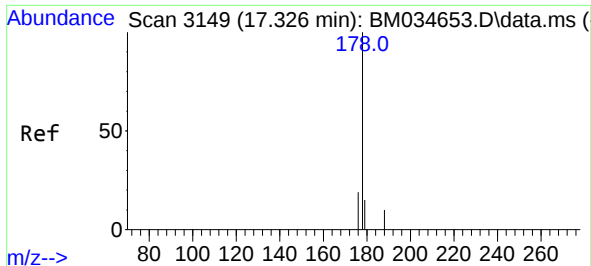


#14
Pentachlorophenol
Concen: 0.541 ng/ul
RT: 16.955 min Scan# 3061
Delta R.T. 0.008 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04



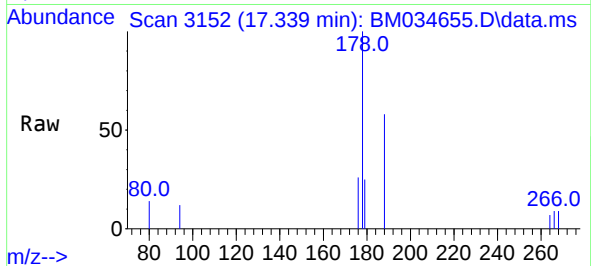
Tgt Ion:266 Resp: 529
Ion Ratio Lower Upper
266 100
264 62.8 51.4 77.0
268 61.6 53.1 79.7





#15
Phenanthrene
Concen: 0.350 ng/u1
RT: 17.339 min Scan# 3152
Delta R.T. 0.013 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

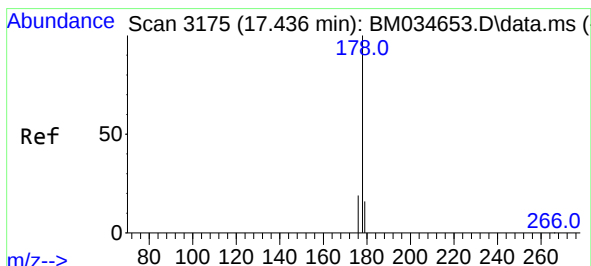
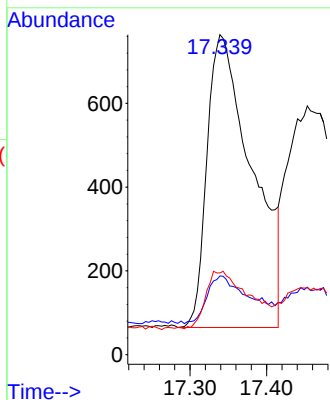
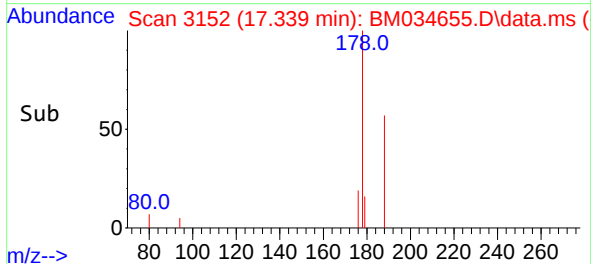
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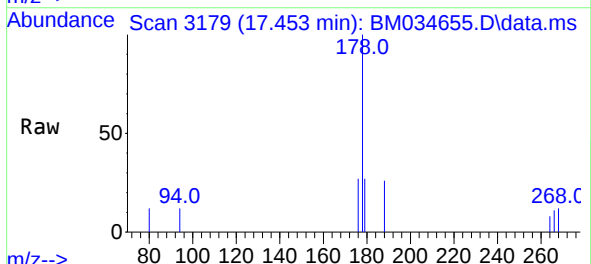
Tgt Ion:178 Resp: 2840
Ion Ratio Lower Upper
178 100
179 24.6 15.0 22.6
176 25.5 17.9 26.9

Manual Integrations
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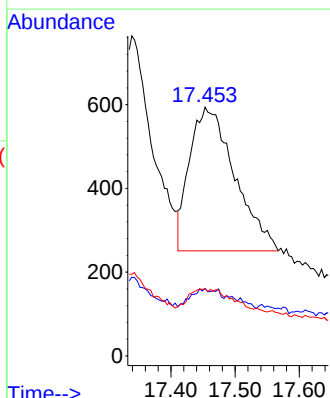
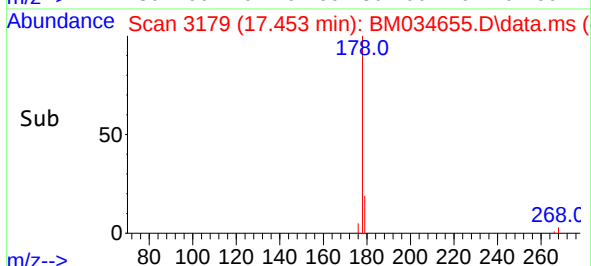
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

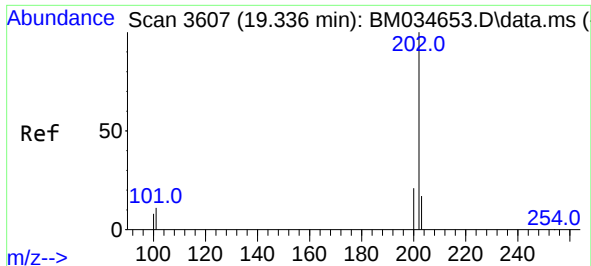


#16
Anthracene
Concen: 0.269 ng/u1
RT: 17.453 min Scan# 3179
Delta R.T. 0.030 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04



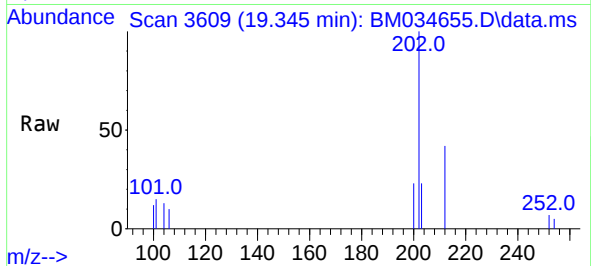
Tgt Ion:178 Resp: 1673
Ion Ratio Lower Upper
178 100
179 27.1 16.5 24.7#
176 26.9 18.3 27.5





#19
Fluoranthene
Concen: 0.312 ng/u1
RT: 19.345 min Scan# 3609
Delta R.T. 0.009 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

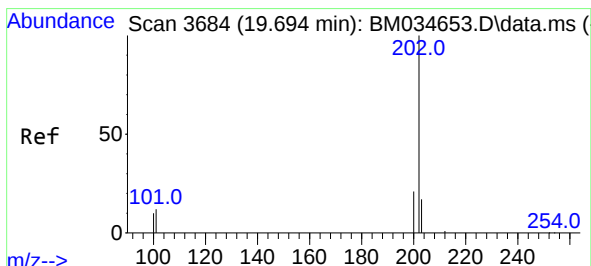
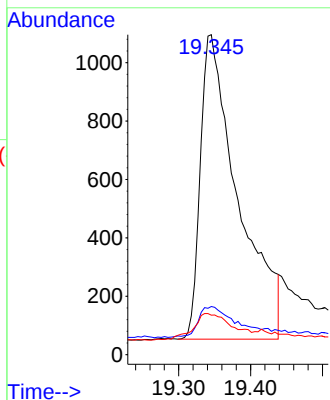
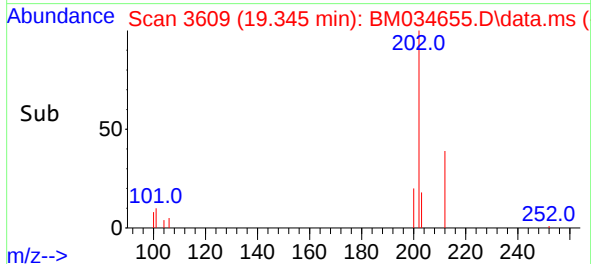
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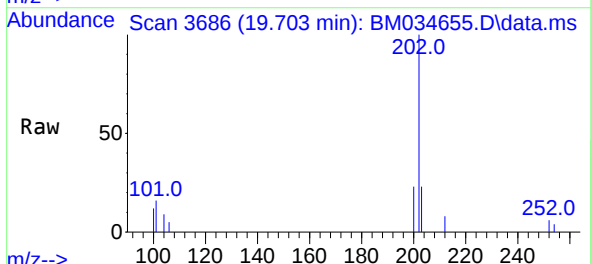
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Ion Ratio Lower Upper
202 100
101 15.1 9.2 13.8#
100 12.3 7.2 10.8#

Manual Integrations
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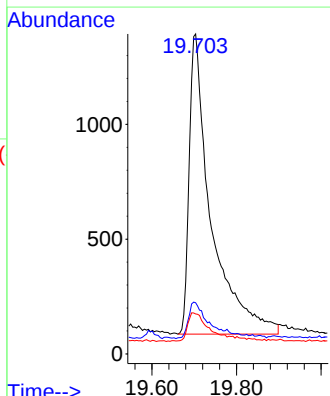
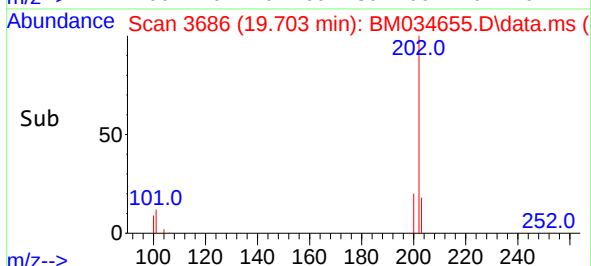
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

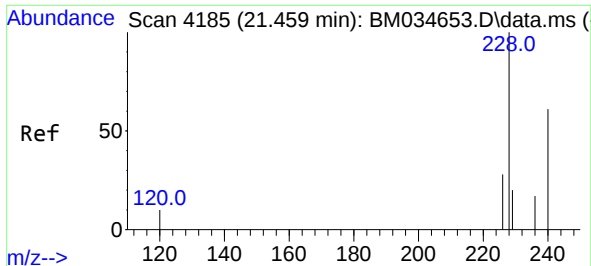


#20
Pyrene
Concen: 0.327 ng/u1
RT: 19.703 min Scan# 3686
Delta R.T. 0.005 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04



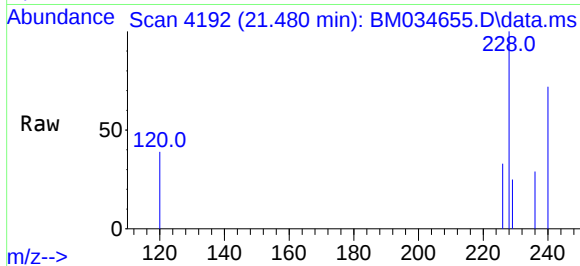
Tgt Ion:202 Resp: 4695
Ion Ratio Lower Upper
202 100
101 16.0 9.3 13.9#
100 12.5 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.229 ng/ul m
RT: 21.480 min Scan# 4185
Delta R.T. 0.026 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

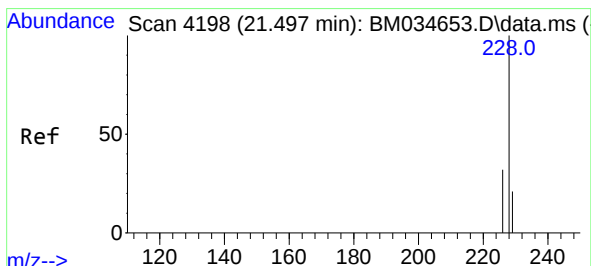
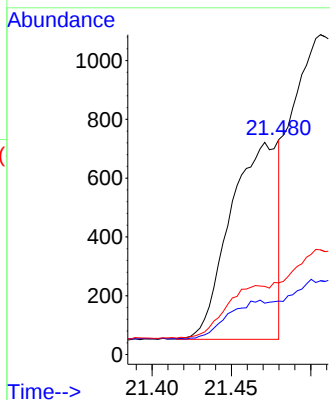
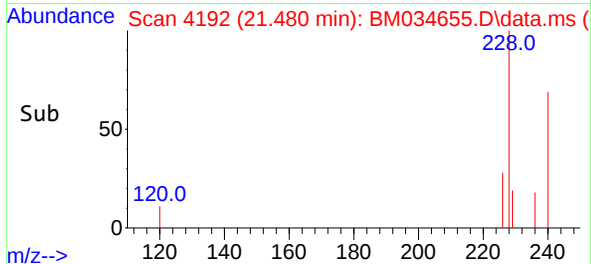
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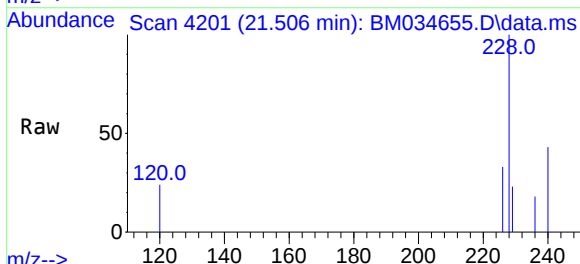
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Ion Ratio Lower Upper
228 100
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226 33.4 23.2 34.8

Manual Integrations
APPROVED

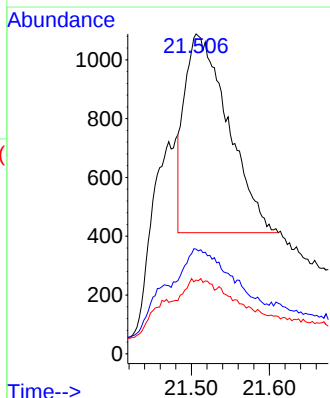
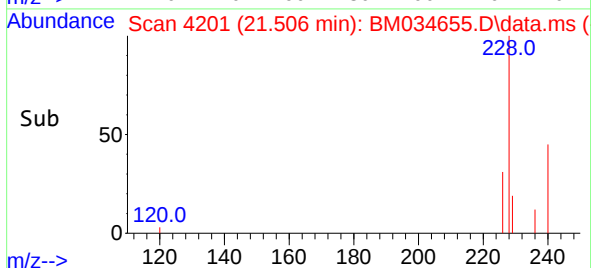
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

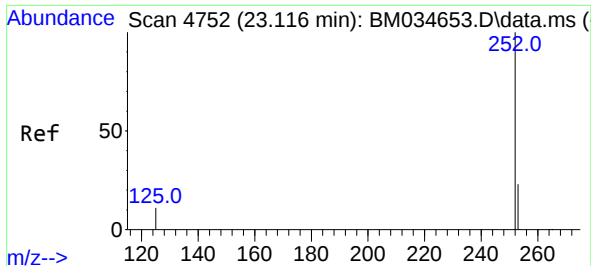


#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.506 min Scan# 4201
Delta R.T. 0.003 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04



Tgt Ion:228 Resp: 2613
Ion Ratio Lower Upper
228 100
226 32.7 25.8 38.8
229 23.1 16.7 25.1





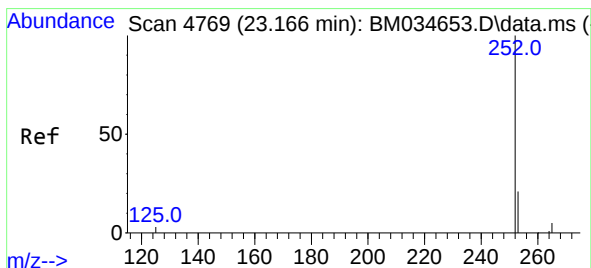
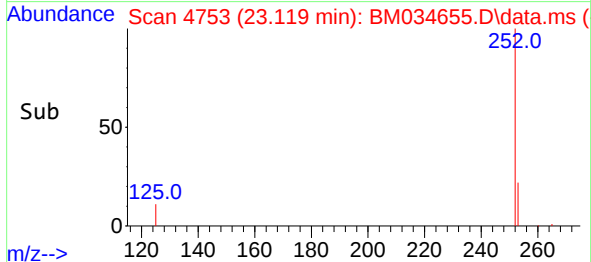
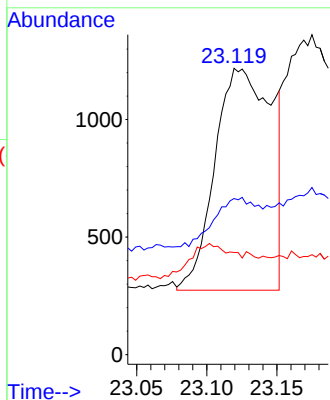
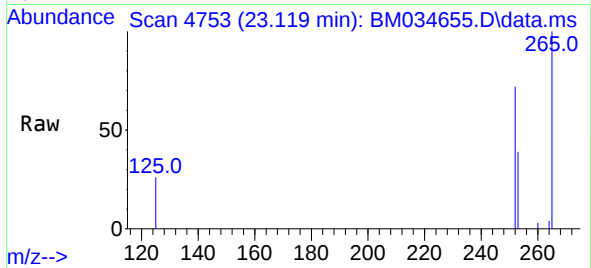
#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul m
RT: 23.119 min Scan# 4752
Delta R.T. 0.000 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

Instrument :
BNA_M
ClientSampleId :
SLCS967

Tgt Ion:252 Resp: 266
Ion Ratio Lower Upper
252 100
253 54.5 0.0 64.2
125 35.7 0.0 28.8

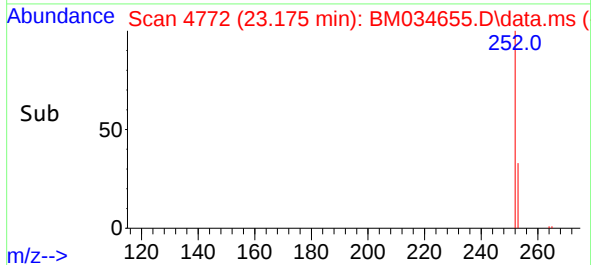
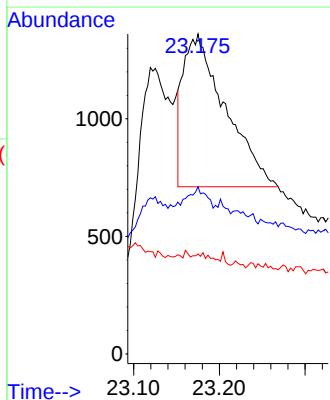
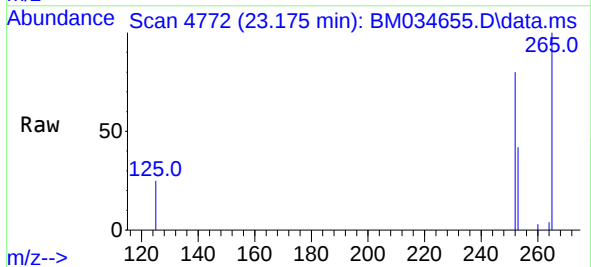
Manual Integrations
APPROVED

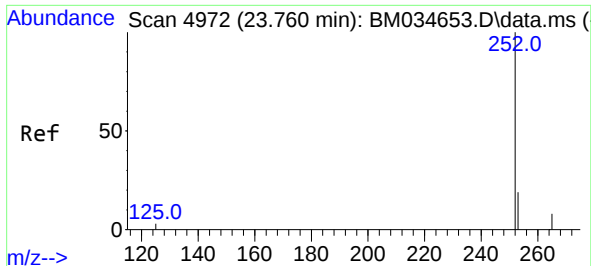
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul
RT: 23.175 min Scan# 4772
Delta R.T. 0.006 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

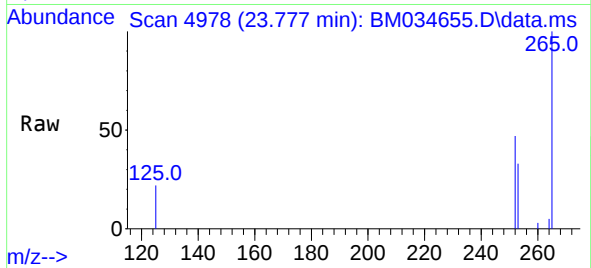
Tgt Ion:252 Resp: 2205
Ion Ratio Lower Upper
252 100
253 52.2 26.8 40.2#
125 31.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.376 ng/u1
RT: 23.777 min Scan# 4978
Delta R.T. 0.023 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

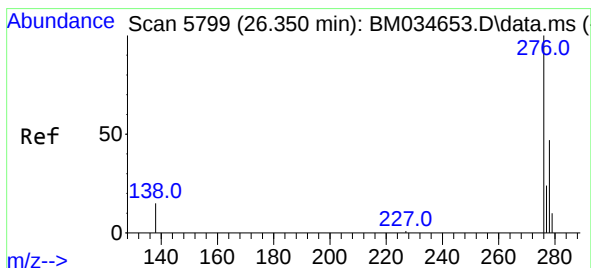
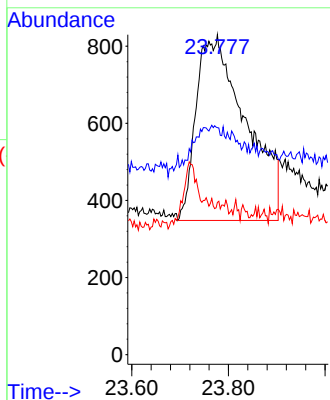
Instrument :
BNA_M
ClientSampleId :
SLCS967



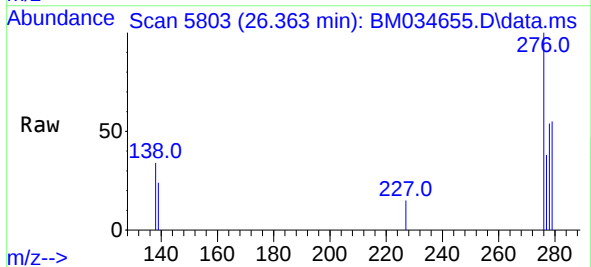
Tgt Ion:252 Resp: 3420
Ion Ratio Lower Upper
252 100
253 71.0 32.0 48.0#
125 47.6 14.5 21.7#

Manual Integrations
APPROVED

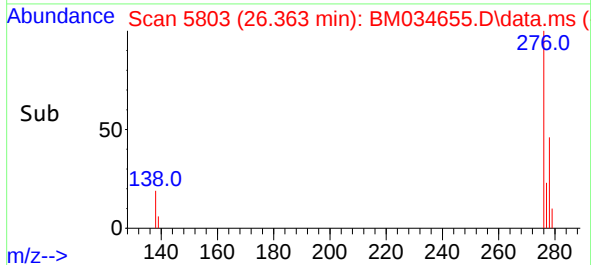
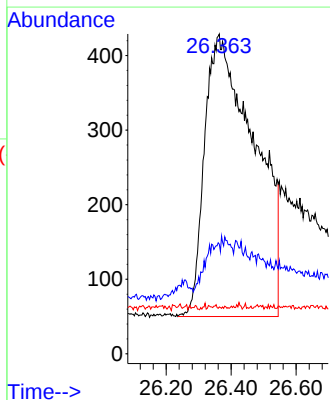
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

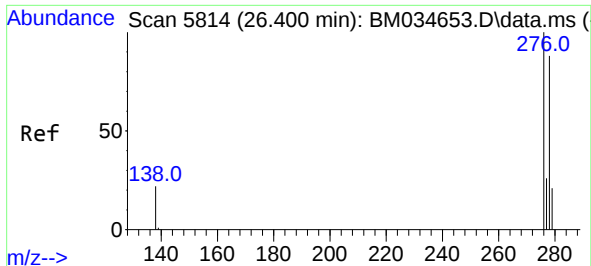


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/u1
RT: 26.363 min Scan# 5803
Delta R.T. 0.017 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04



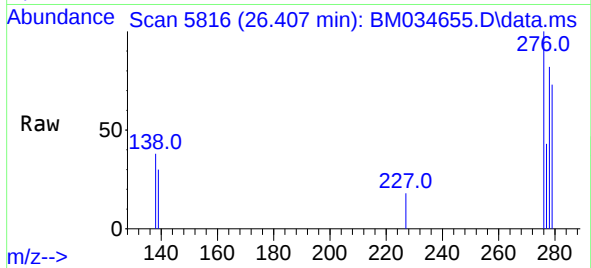
Tgt Ion:276 Resp: 4020
Ion Ratio Lower Upper
276 100
138 9.1 15.8 23.6#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.407 min Scan# 5814
Delta R.T. 0.020 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04

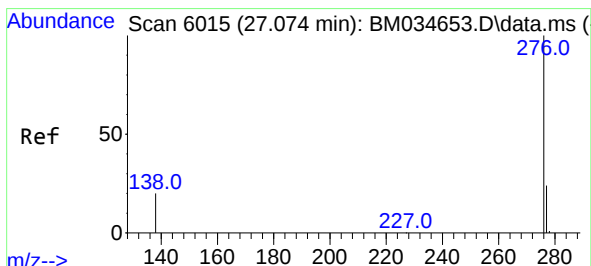
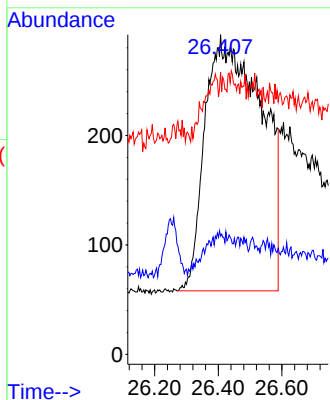
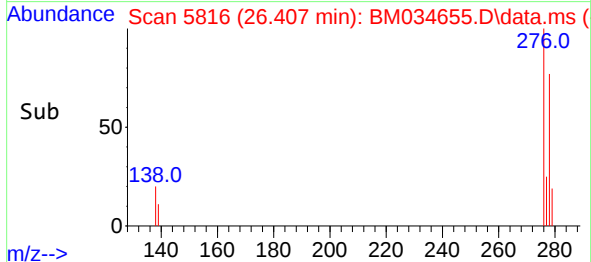
Instrument :
BNA_M
ClientSampleId :
SLCS967



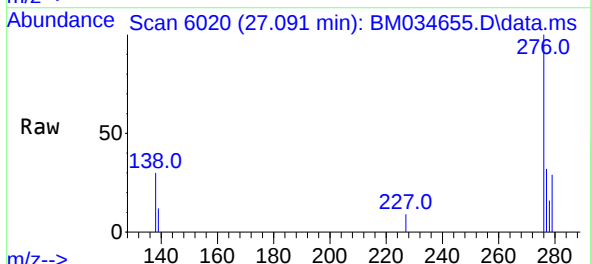
Tgt Ion:278 Resp: 286
Ion Ratio Lower Upper
278 100
139 37.0 18.0 27.0
279 88.4 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.091 min Scan# 6020
Delta R.T. -0.003 min
Lab File: BM034655.D
Acq: 13 Apr 2022 14:04



Tgt Ion:276 Resp: 4717
Ion Ratio Lower Upper
276 100
138 29.6 17.4 26.0
277 31.5 22.6 33.8

