

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034645.D
 Acq On : 13 Apr 2022 06:10
 Operator : CG/JU
 Sample : PB143965BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS965

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 07:11:48 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	7.926	152	1313	0.400	ng/ul	0.01
4) Naphthalene-d8	10.715	136	4830	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.533	164	2306	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	3344	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	3558	0.400	ng/ul	# 0.00
23) Perylene-d12	23.837	264	2771	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	2143	0.941	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	2246	0.351	ng/ul	0.02
18) Fluoranthene-d10	19.307	212	3951	0.382	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	5494	2.438	ng/ul#	79
5) Naphthalene	10.770	128	4750	0.340	ng/ul	97
7) 2-Methylnaphthalene	12.392	142	2594	0.311	ng/ul	97
8) 1-Methylnaphthalene	12.590	142	2714	0.322	ng/ul	99
10) Acenaphthylene	14.255	152	4424	0.408	ng/ul	96
11) Acenaphthene	14.597	153	3313	0.383	ng/ul	94
12) Fluorene	15.597	166	3191	0.358	ng/ul	97
14) Pentachlorophenol	16.949	266	923	0.712	ng/ul	97
15) Phenanthrene	17.329	178	4118	0.381	ng/ul	96
16) Anthracene	17.431	178	2766	0.335	ng/ul	96
19) Fluoranthene	19.340	202	5128	0.348	ng/ul#	92
20) Pyrene	19.697	202	6575	0.379	ng/ul#	90
21) Benzo(a)anthracene	21.455	228	2287m	0.308	ng/ul	
22) Chrysene	21.502	228	3592	0.383	ng/ul	98
24) Benzo(b)fluoranthene	23.115	252	3635m	0.399	ng/ul	
25) Benzo(k)fluoranthene	23.165	252	3255	0.357	ng/ul#	74
26) Benzo(a)pyrene	23.750	252	4547	0.434	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.332	276	5504	0.397	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.386	278	4062	0.404	ng/ul#	58
29) Benzo(g,h,i)perylene	27.080	276	6297	0.416	ng/ul#	94

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

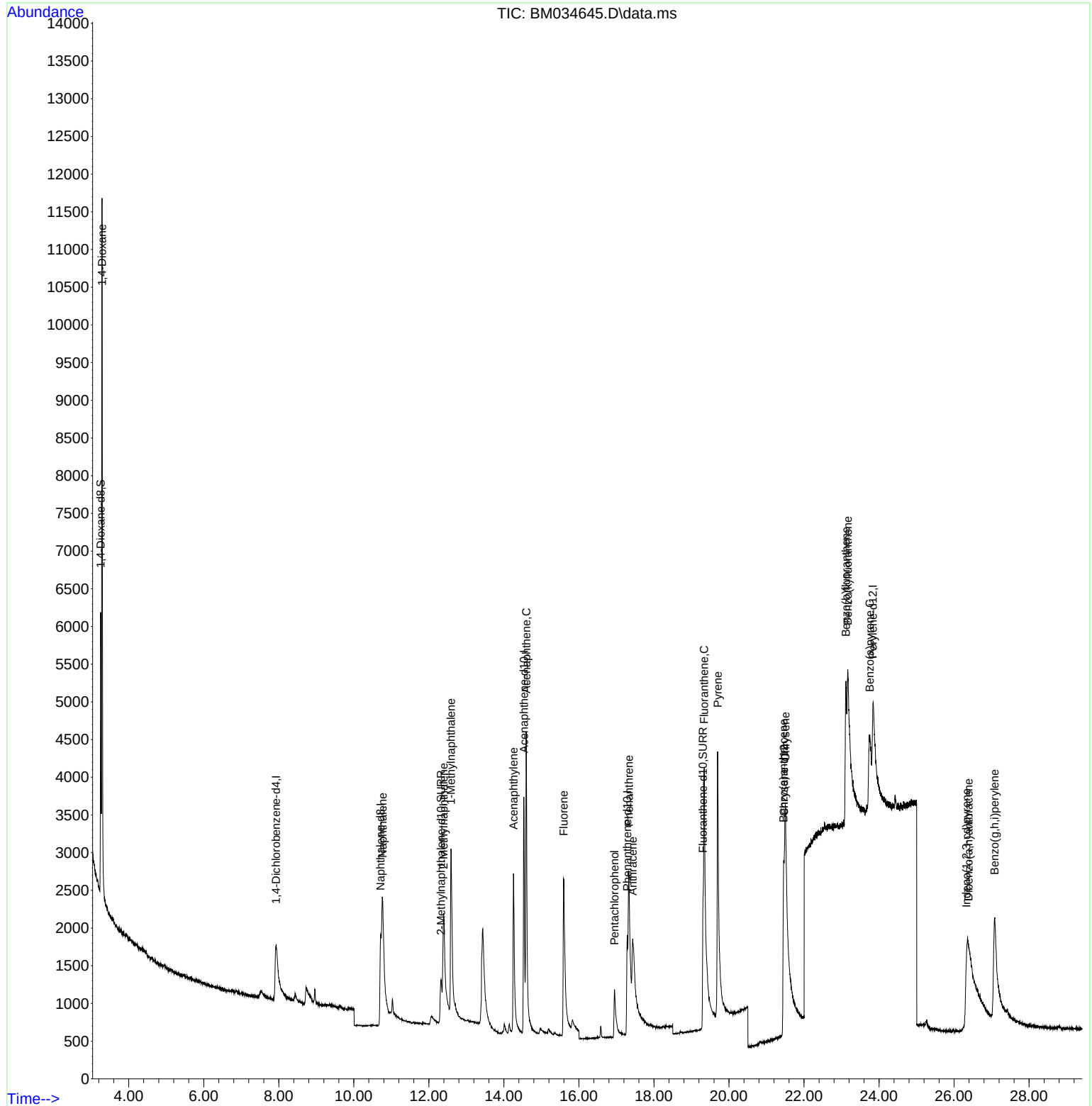
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034645.D
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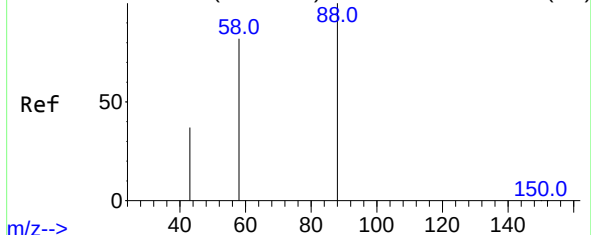
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Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 07:11:48 2022
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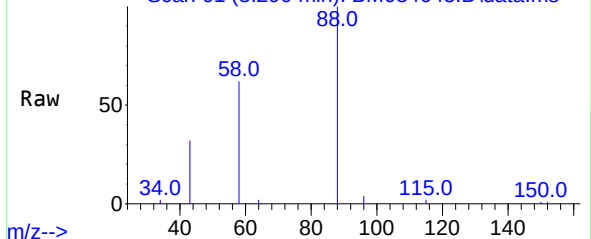
Abundance Scan 62 (3.294 min): BM034630.D\data.ms (-56)



#2
1,4-Dioxane
Concen: 2.438 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

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BNA_M
ClientSampleId :
SLCS965

Abundance Scan 61 (3.290 min): BM034645.D\data.ms

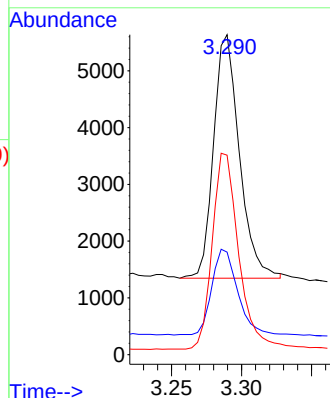
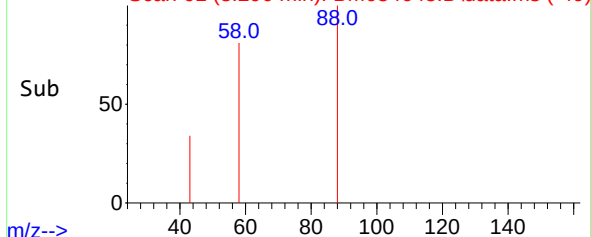


Tgt Ion: 88 Resp: 5494
Ion Ratio Lower Upper
88 100
43 32.0 49.7 74.5
58 62.4 52.5 78.7

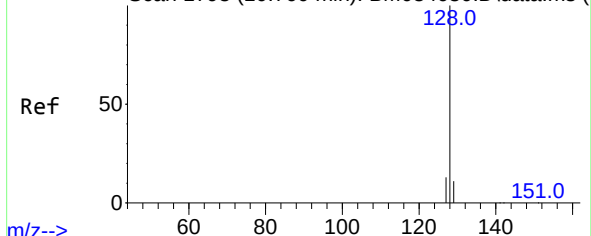
Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

Abundance Scan 61 (3.290 min): BM034645.D\data.ms (-49)



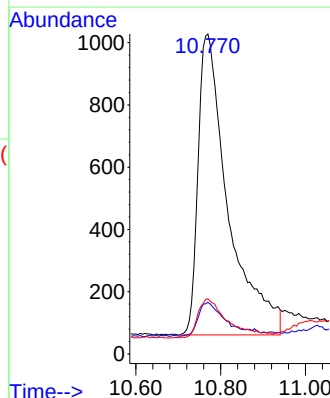
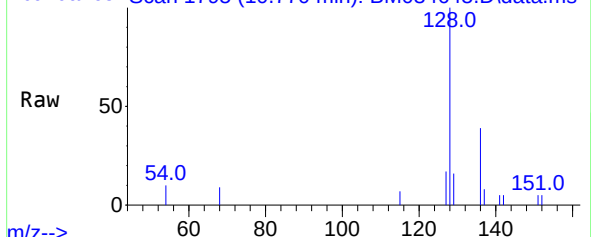
Abundance Scan 1793 (10.760 min): BM034630.D\data.ms (-)



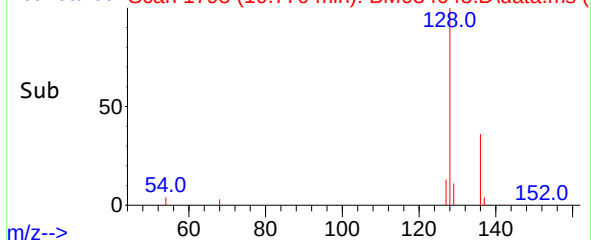
#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.770 min Scan# 1795
Delta R.T. 0.015 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

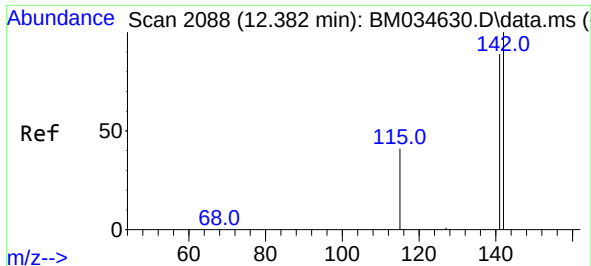
Tgt Ion:128 Resp: 4750
Ion Ratio Lower Upper
128 100
129 16.1 13.4 20.2
127 17.2 15.2 22.8

Abundance Scan 1795 (10.770 min): BM034645.D\data.ms



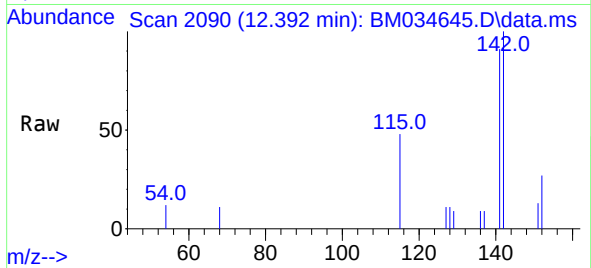
Abundance Scan 1795 (10.770 min): BM034645.D\data.ms (-)





#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.392 min Scan# 2088
Delta R.T. 0.010 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

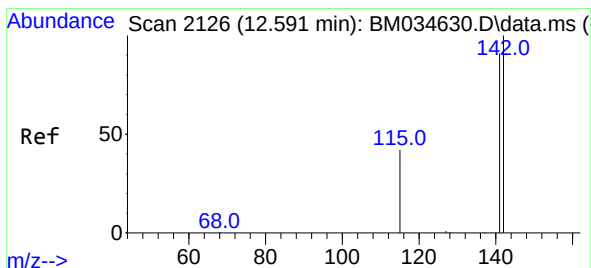
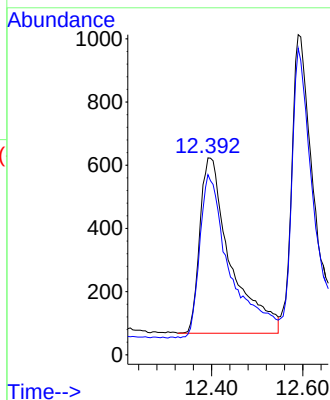
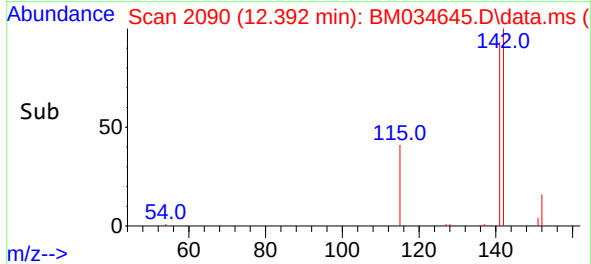
Instrument :
BNA_M
ClientSampleId :
SLCS965



Tgt Ion:142 Resp: 2594
Ion Ratio Lower Upper
142 100
141 92.9 71.8 107.6

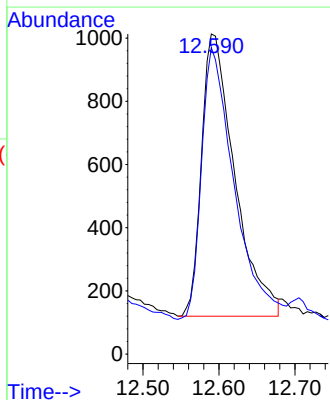
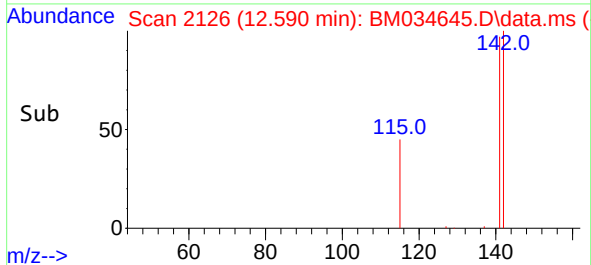
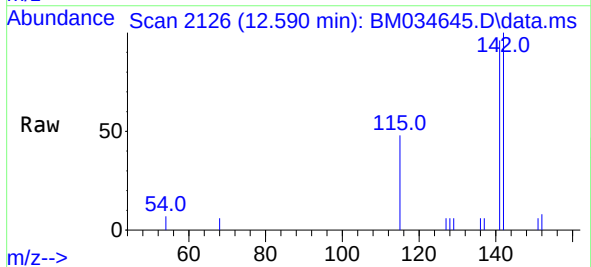
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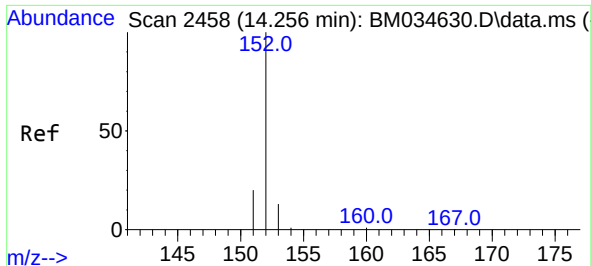
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.590 min Scan# 2126
Delta R.T. -0.001 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

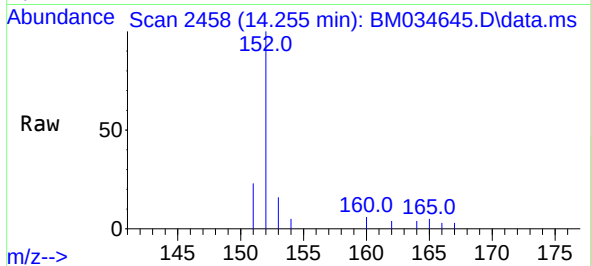
Tgt Ion:142 Resp: 2714
Ion Ratio Lower Upper
142 100
141 94.7 75.0 112.4





#10
Acenaphthylene
Concen: 0.408 ng/u1
RT: 14.255 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

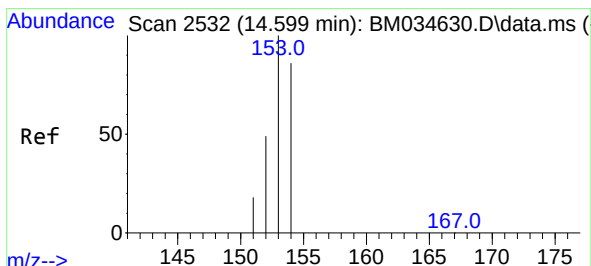
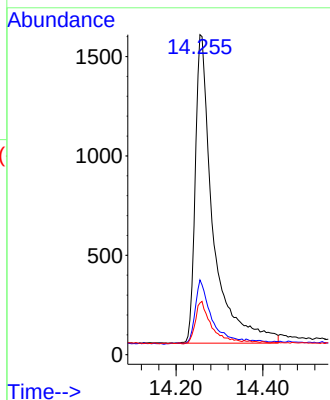
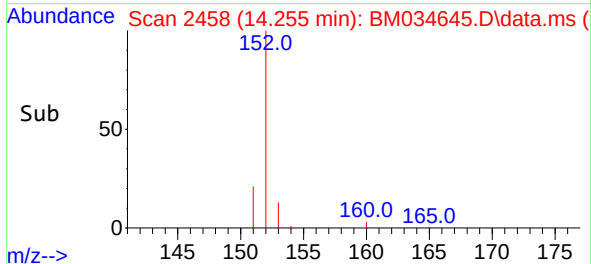
Instrument :
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ClientSampleId :
SLCS965



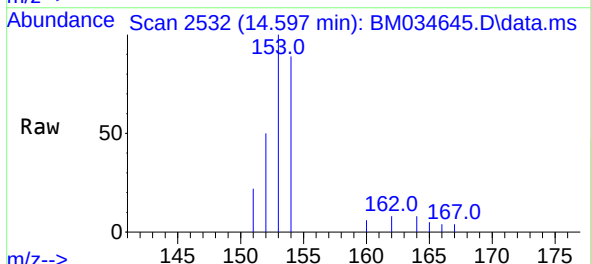
Tgt Ion:152 Resp: 4424
Ion Ratio Lower Upper
152 100
151 23.4 19.9 29.9
153 16.1 15.0 22.4

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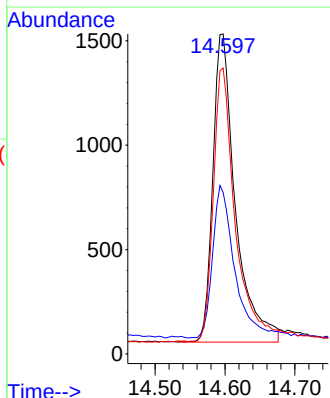
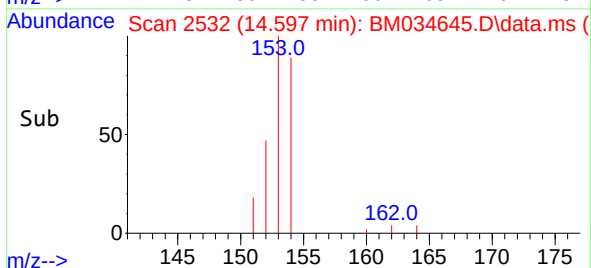
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

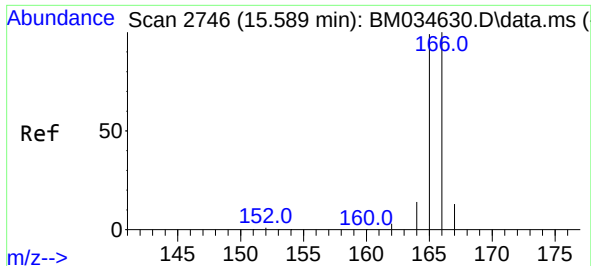


#11
Acenaphthene
Concen: 0.383 ng/u1
RT: 14.597 min Scan# 2532
Delta R.T. 0.003 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10



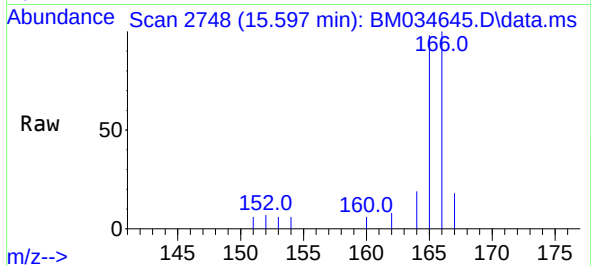
Tgt Ion:153 Resp: 3313
Ion Ratio Lower Upper
153 100
152 50.5 42.4 63.6
154 89.4 66.2 99.2





#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.597 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

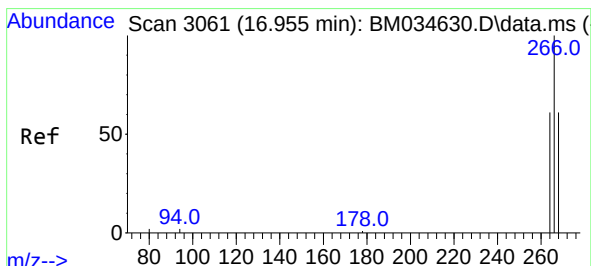
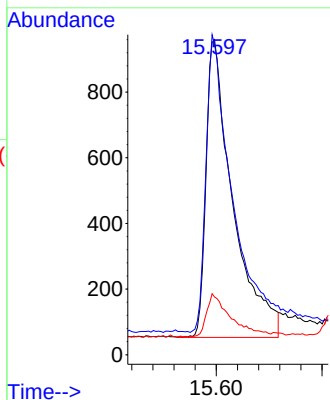
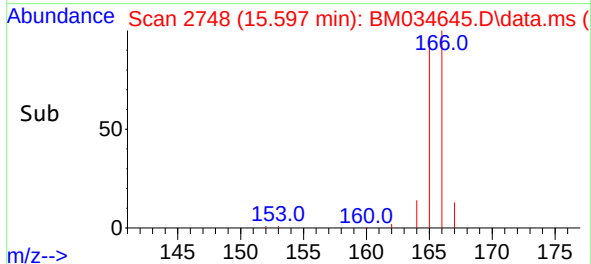
Instrument :
BNA_M
ClientSampleId :
SLCS965



Tgt Ion:166 Resp: 319
Ion Ratio Lower Upper
166 100
165 98.4 81.1 121.7
167 18.3 14.9 22.3

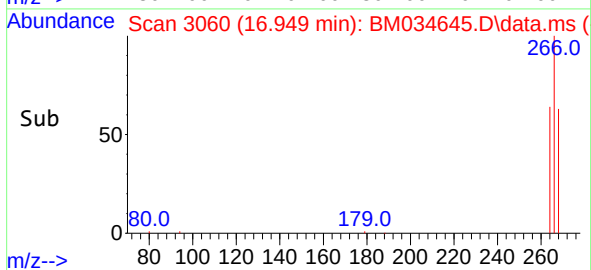
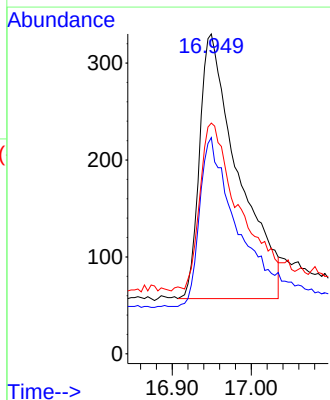
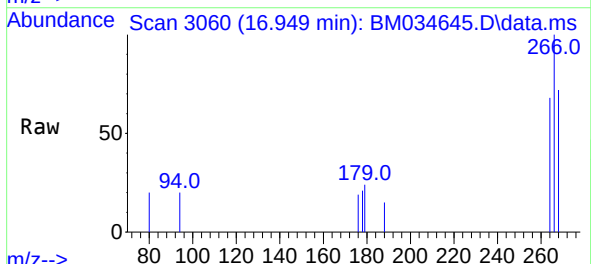
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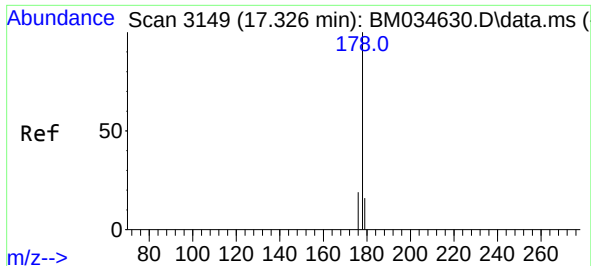
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#14
Pentachlorophenol
Concen: 0.712 ng/ul
RT: 16.949 min Scan# 3060
Delta R.T. 0.003 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

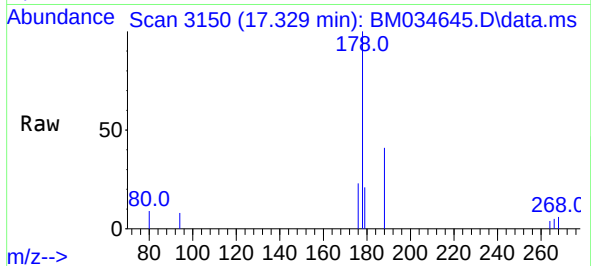
Tgt Ion:266 Resp: 923
Ion Ratio Lower Upper
266 100
264 61.9 51.4 77.0
268 63.3 53.1 79.7





#15
Phenanthrene
Concen: 0.381 ng/u1
RT: 17.329 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

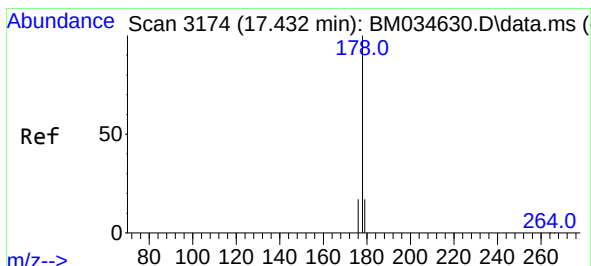
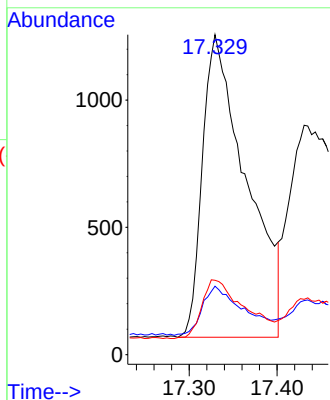
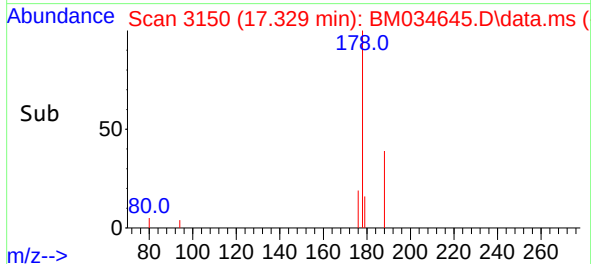
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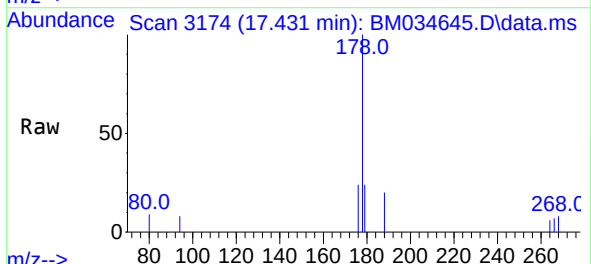
Tgt Ion:178 Resp: 4118
Ion Ratio Lower Upper
178 100
179 21.4 15.0 22.6
176 23.2 17.9 26.9

Manual Integrations
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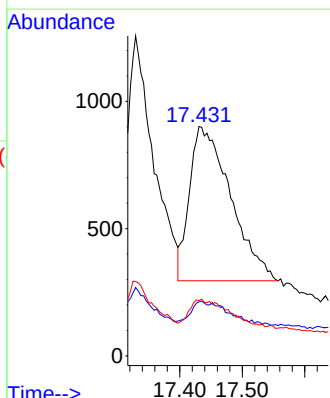
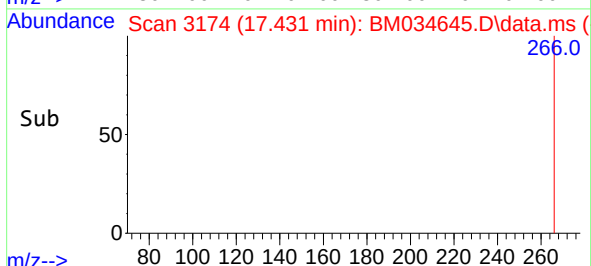
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

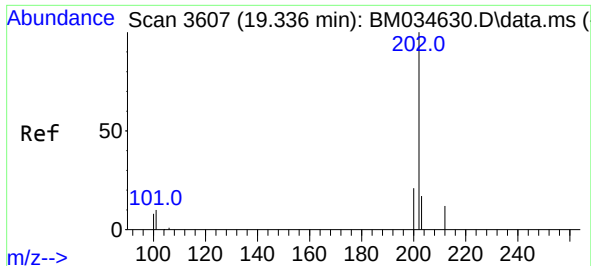


#16
Anthracene
Concen: 0.335 ng/u1
RT: 17.431 min Scan# 3174
Delta R.T. 0.007 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10



Tgt Ion:178 Resp: 2766
Ion Ratio Lower Upper
178 100
179 23.5 16.5 24.7
176 24.1 18.3 27.5





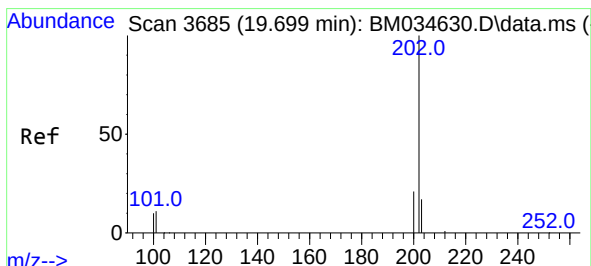
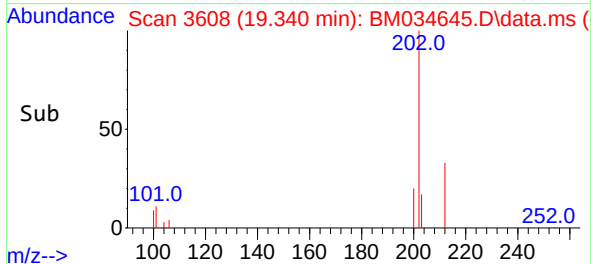
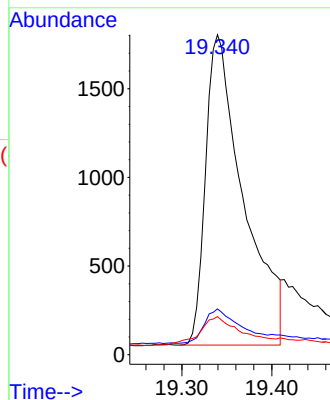
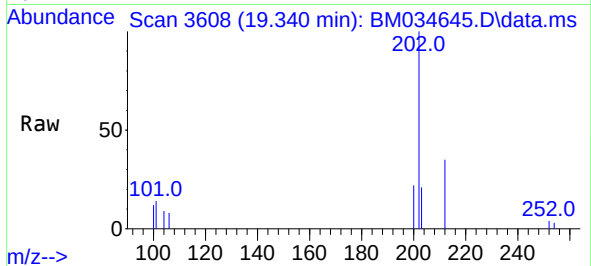
#19
Fluoranthene
Concen: 0.348 ng/u1
RT: 19.340 min Scan# 3607
Delta R.T. 0.003 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

Instrument :
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ClientSampleId :
SLCS965

Tgt Ion:202 Resp: 5128
Ion Ratio Lower Upper
202 100
101 14.3 9.2 13.8#
100 11.9 7.2 10.8#

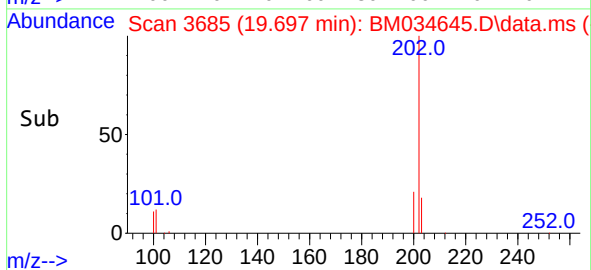
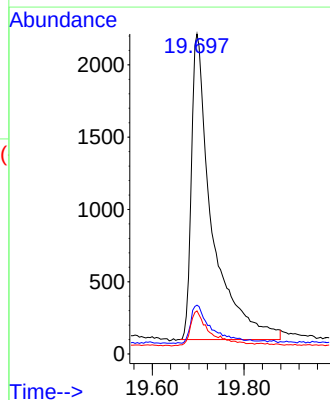
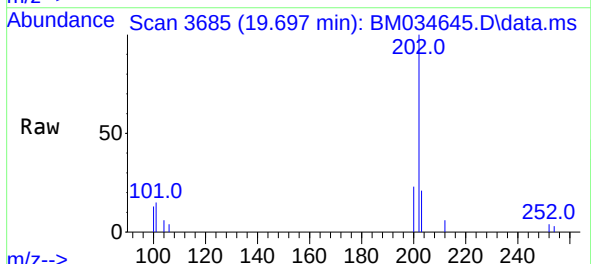
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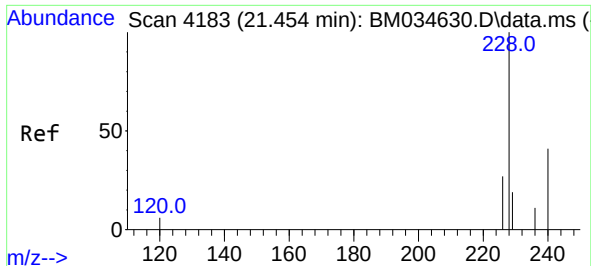
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#20
Pyrene
Concen: 0.379 ng/u1
RT: 19.697 min Scan# 3685
Delta R.T. -0.001 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

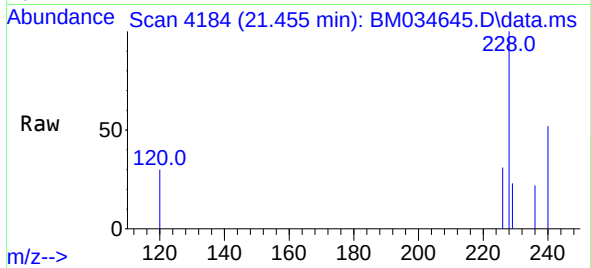
Tgt Ion:202 Resp: 6575
Ion Ratio Lower Upper
202 100
101 15.3 9.3 13.9#
100 13.5 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.308 ng/ul m
RT: 21.455 min Scan# 4183
Delta R.T. 0.002 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

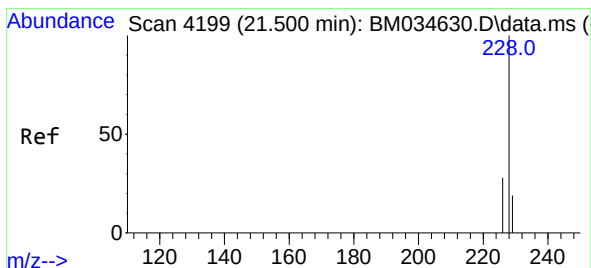
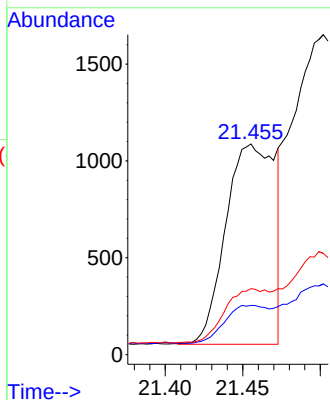
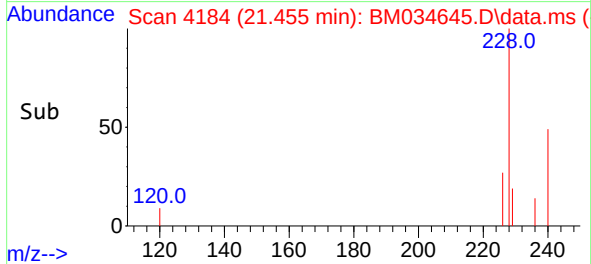
Instrument :
BNA_M
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Tgt Ion:228 Resp: 228
Ion Ratio Lower Upper
228 100
229 23.3 17.3 25.9
226 31.3 23.2 34.8

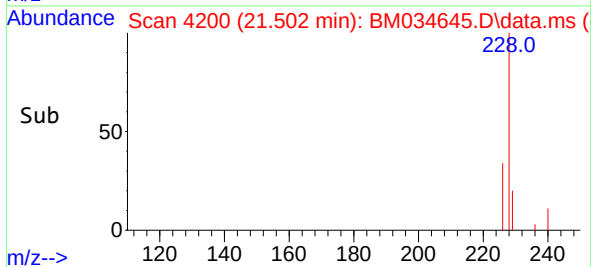
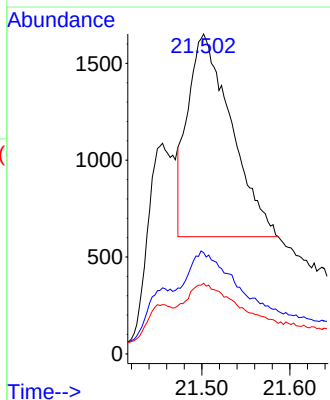
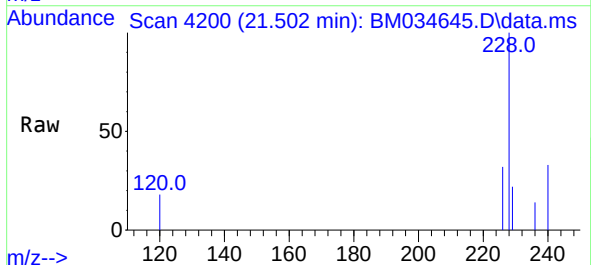
Manual Integrations
APPROVED

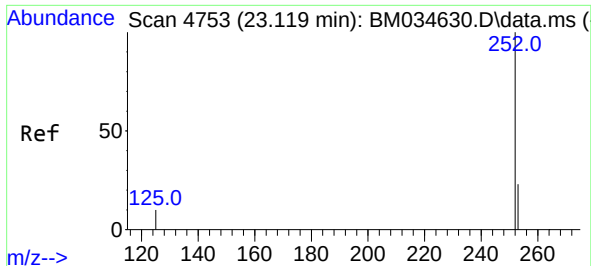
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.502 min Scan# 4200
Delta R.T. -0.001 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

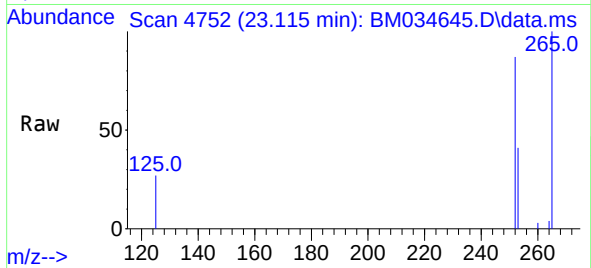
Tgt Ion:228 Resp: 3592
Ion Ratio Lower Upper
228 100
226 31.7 25.8 38.8
229 22.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul m
RT: 23.115 min Scan# 4752
Delta R.T. -0.004 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

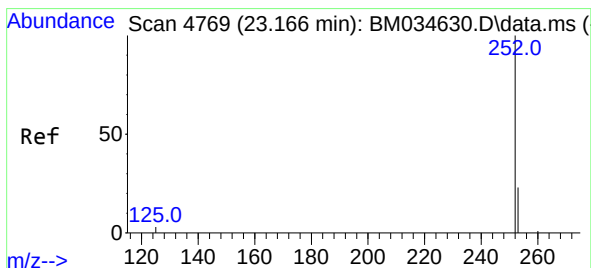
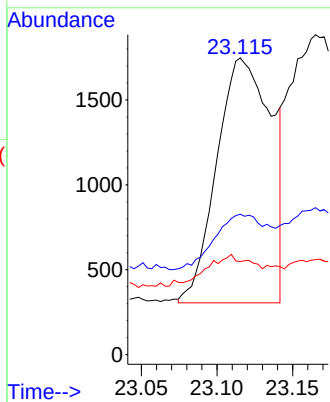
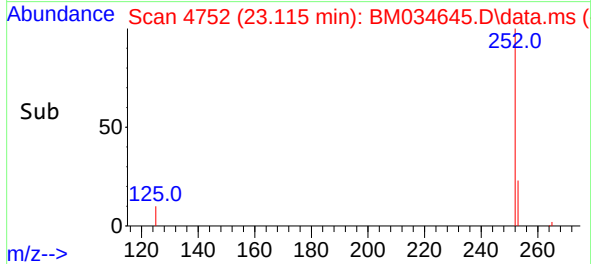
Instrument :
BNA_M
ClientSampleId :
SLCS965



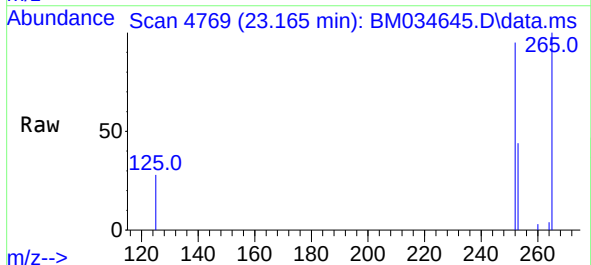
Tgt Ion:252 Resp: 363
Ion Ratio Lower Upper
252 100
253 47.3 0.0 64.2
125 31.4 0.0 28.8

Manual Integrations
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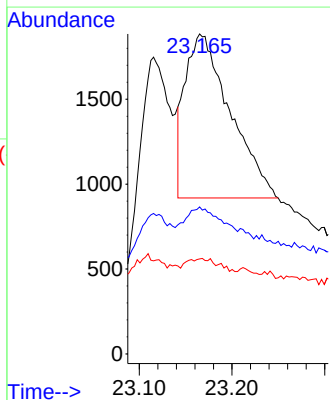
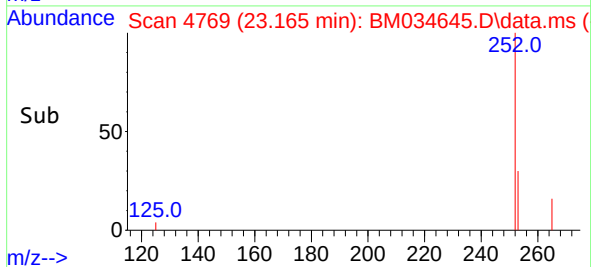
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

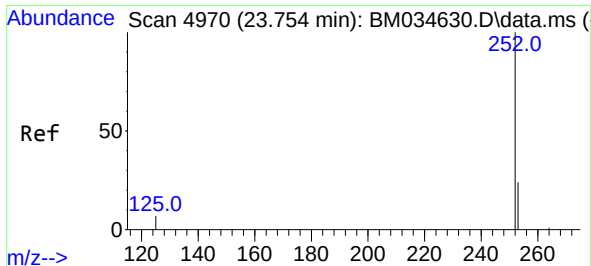


#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.165 min Scan# 4769
Delta R.T. -0.004 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10



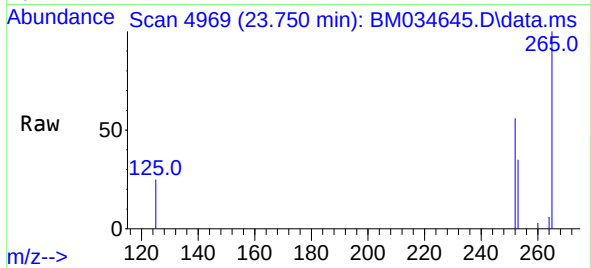
Tgt Ion:252 Resp: 3255
Ion Ratio Lower Upper
252 100
253 45.9 26.8 40.2#
125 29.7 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.434 ng/u1
RT: 23.750 min Scan# 4970
Delta R.T. -0.004 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

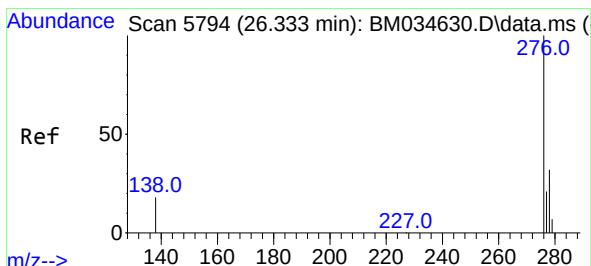
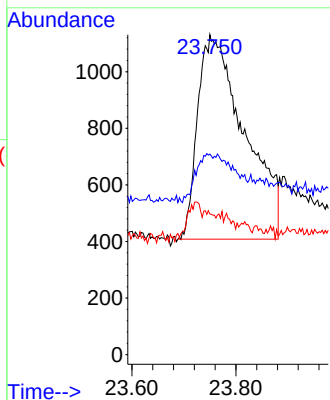
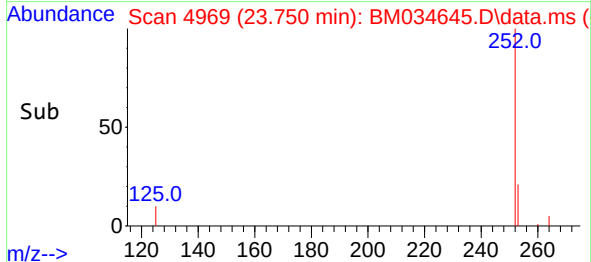
Instrument :
BNA_M
ClientSampleId :
SLCS965



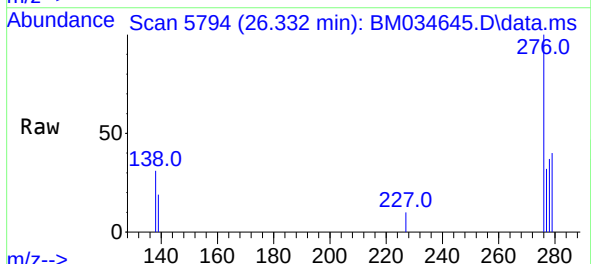
Tgt Ion:252 Resp: 454
Ion Ratio Lower Upper
252 100
253 62.7 32.0 48.0#
125 43.9 14.5 21.7#

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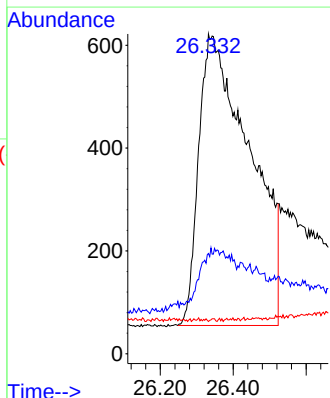
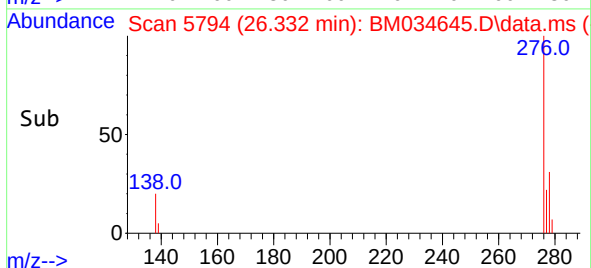
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

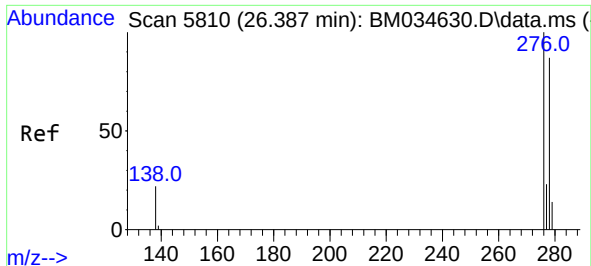


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/u1
RT: 26.332 min Scan# 5794
Delta R.T. -0.015 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10



Tgt Ion:276 Resp: 5504
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#





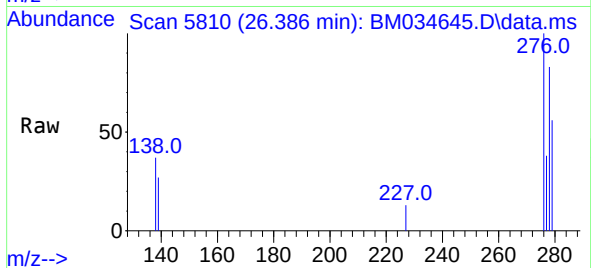
#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 26.386 min Scan# 5810
Delta R.T. -0.001 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10

Instrument :

BNA_M

ClientSampleId :

SLCS965

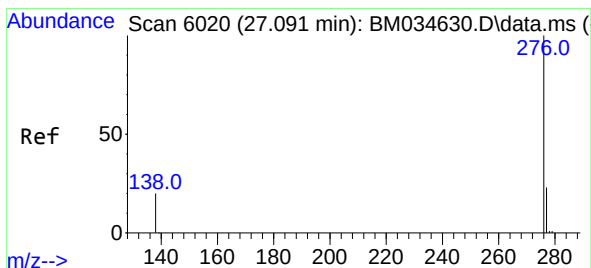
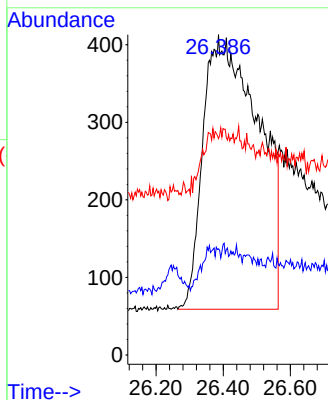
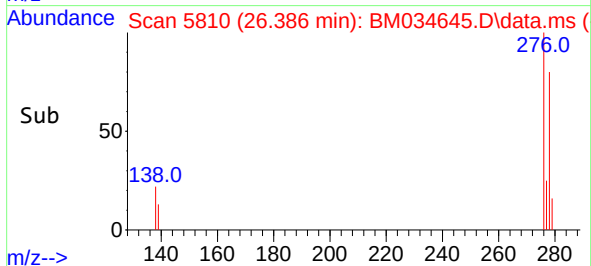


Tgt Ion:278 Resp: 4062
Ion Ratio Lower Upper
278 100
139 33.2 18.0 27.0
279 67.6 28.6 42.8

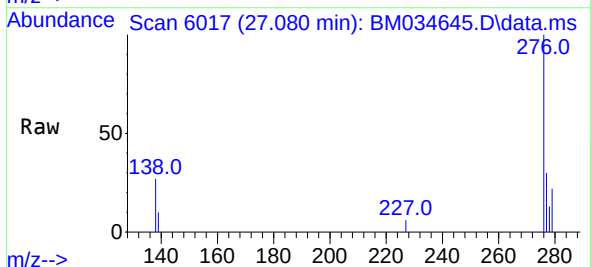
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 27.080 min Scan# 6017
Delta R.T. -0.015 min
Lab File: BM034645.D
Acq: 13 Apr 2022 06:10



Tgt Ion:276 Resp: 6297
Ion Ratio Lower Upper
276 100
138 26.6 17.4 26.0
277 30.0 22.6 33.8

