

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035047.D
 Acq On : 14 May 2022 03:29
 Operator : CG/JU
 Sample : N2603-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW495

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 14 04:40:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	15788	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	10493	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	21327	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	15390	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	12202	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	28222	4.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	9591	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	21916	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	29191	0.560	ng/ul#	87
7) 2-Methylnaphthalene	12.376	142	22740	0.664	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	29597	0.929	ng/ul	99
10) Acenaphthylene	14.270	152	11454	0.184	ng/ul#	93
11) Acenaphthene	14.612	153	181182	4.040	ng/ul	94
12) Fluorene	15.598	166	169805	3.238	ng/ul#	98
15) Phenanthrene	17.334	178	1828558	22.509	ng/ul	94
16) Anthracene	17.423	178	524956	7.094	ng/ul#	91
19) Fluoranthene	19.350	202	2313597	26.768	ng/ul	98
20) Pyrene	19.712	202	1946008	22.167	ng/ul	98
21) Benzo(a)anthracene	21.453	228	787427	11.056	ng/ul	99
22) Chrysene	21.509	228	728730	9.834	ng/ul	97
24) Benzo(b)fluoranthene	23.134	252	730049	11.409	ng/ul	88
25) Benzo(k)fluoranthene	23.178	252	211399m	3.462	ng/ul	
26) Benzo(a)pyrene	23.753	252	520722	8.946	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.323	276	274526	4.766	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.330	278	66512	1.452	ng/ul	93
29) Benzo(g,h,i)perylene	27.077	276	215337	4.346	ng/ul	93

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

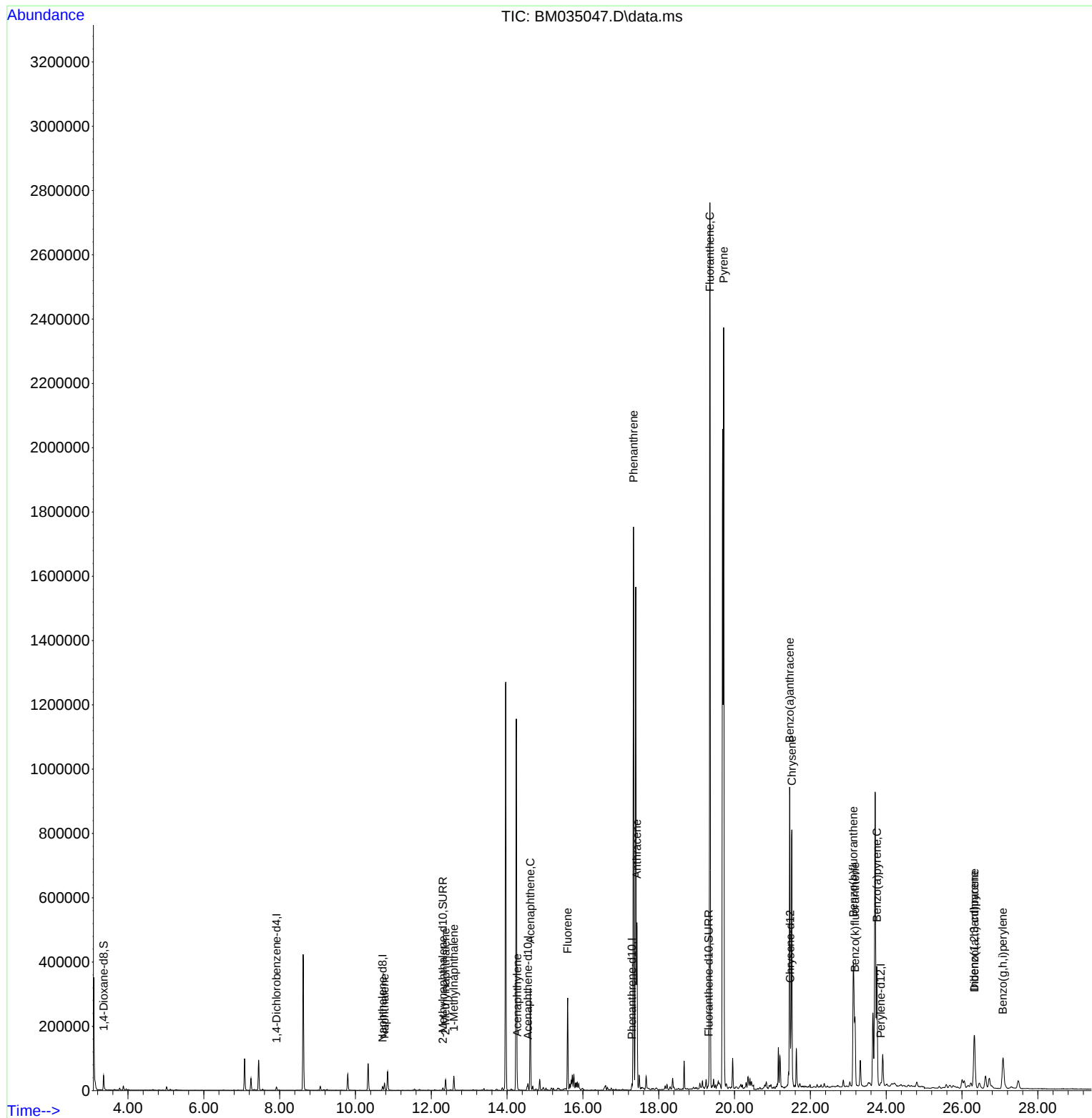
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035047.D
Acq On : 14 May 2022 03:29
Operator : CG/JU
Sample : N2603-15
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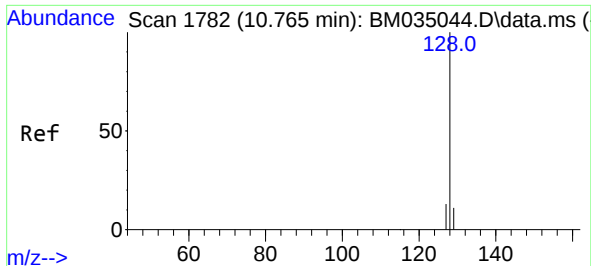
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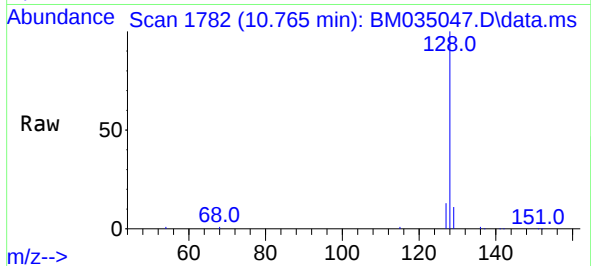
Quant Time: May 14 04:40:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.560 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

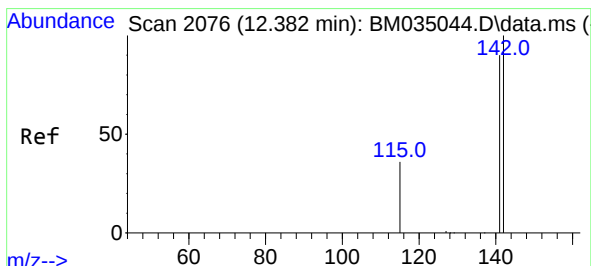
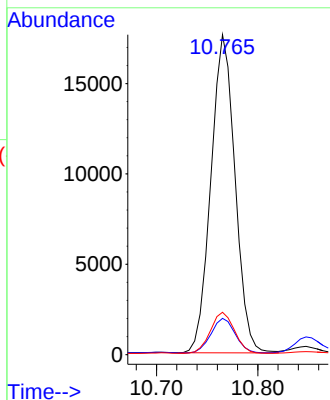
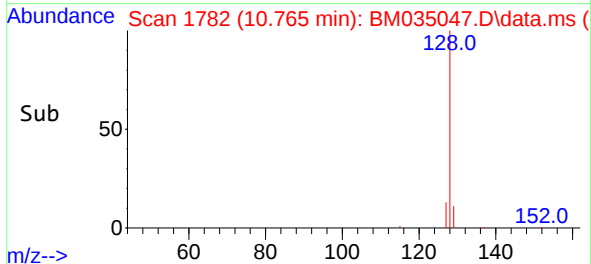
Instrument :
BNA_M
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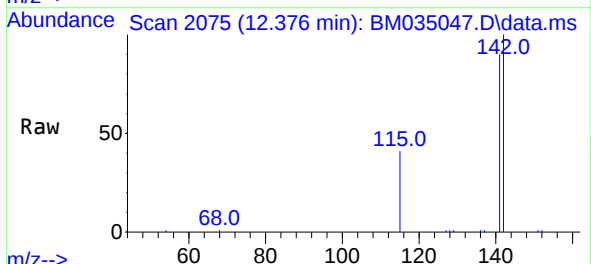
Tgt Ion:128 Resp: 2919
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2
127 13.2 15.2 22.8

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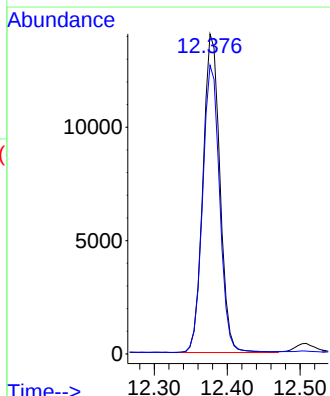
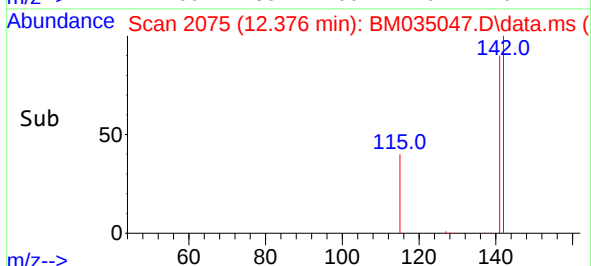
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

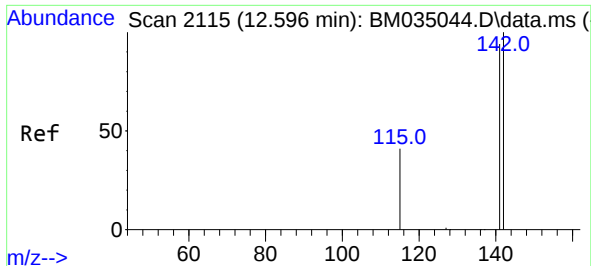


#7
2-Methylnaphthalene
Concen: 0.664 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29



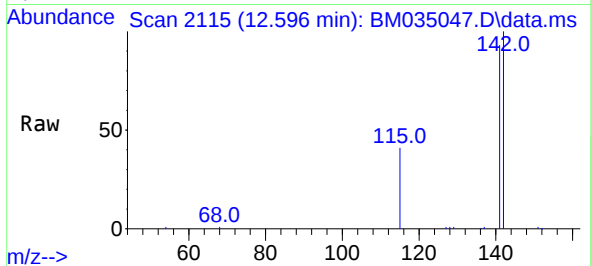
Tgt Ion:142 Resp: 22740
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.929 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

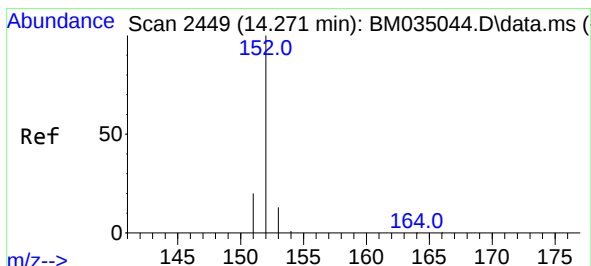
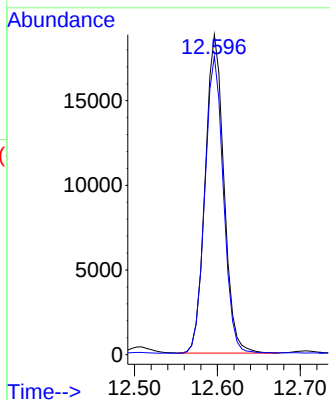
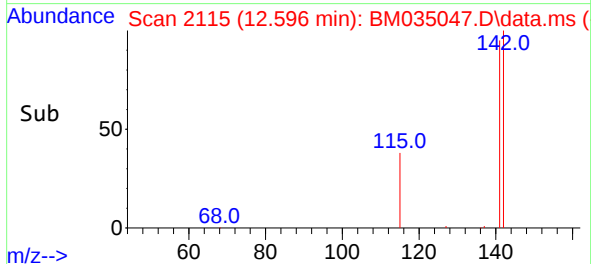
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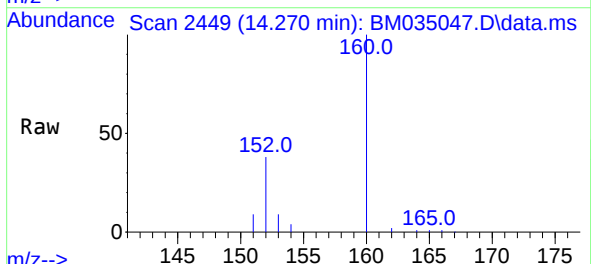
Tgt Ion:142 Resp: 2959
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

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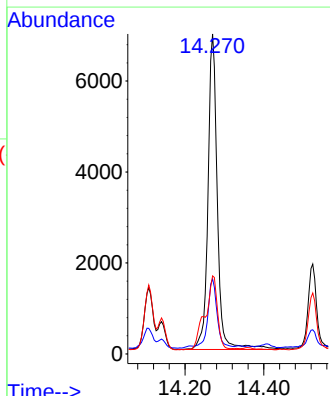
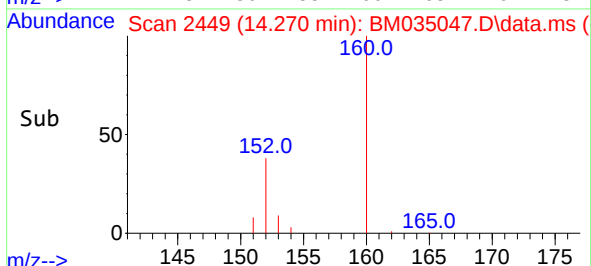
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

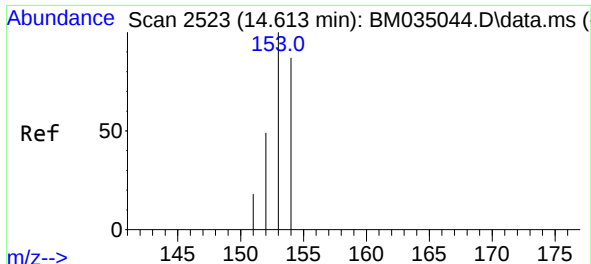


#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29



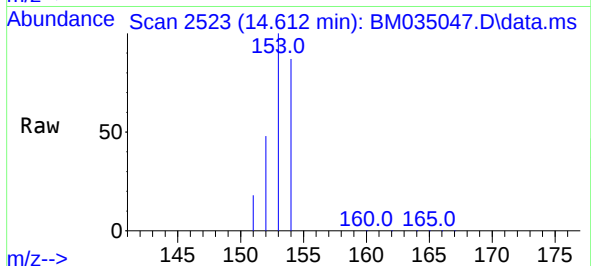
Tgt Ion:152 Resp: 11454
Ion Ratio Lower Upper
152 100
151 23.5 19.9 29.9
153 24.4 15.0 22.4#





#11
Acenaphthene
Concen: 4.040 ng/u1
RT: 14.612 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

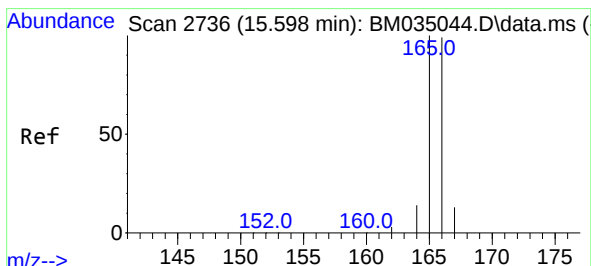
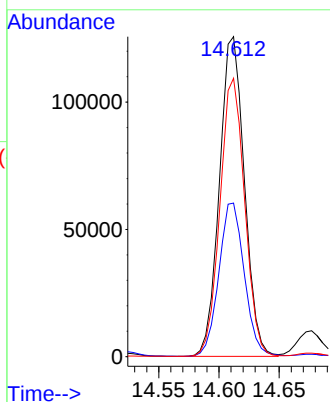
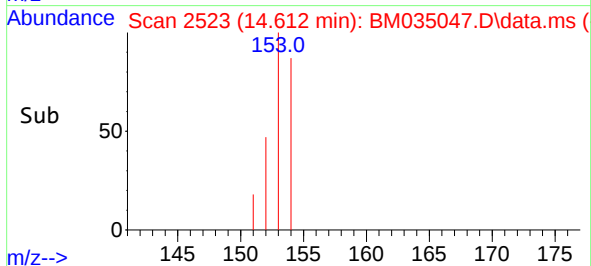
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Tgt Ion:153 Resp: 18118
Ion Ratio Lower Upper
153 100
152 48.0 42.4 63.6
154 87.0 66.2 99.2

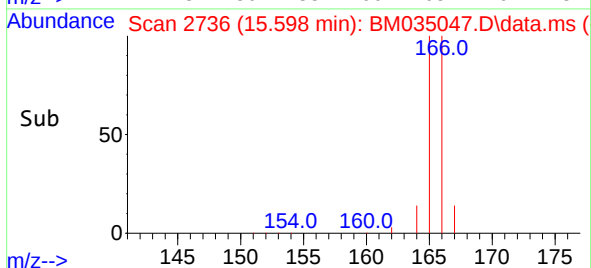
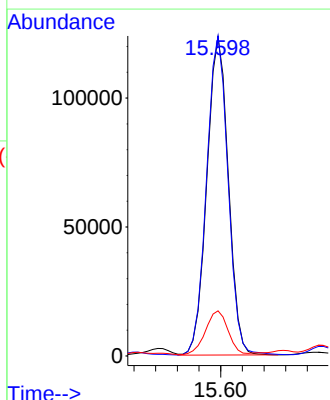
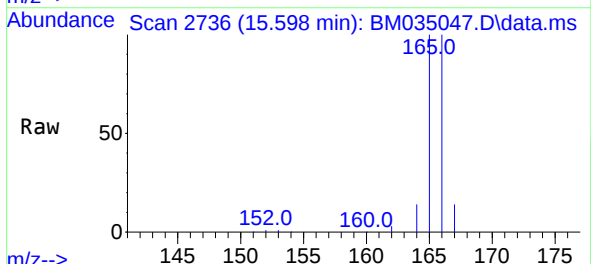
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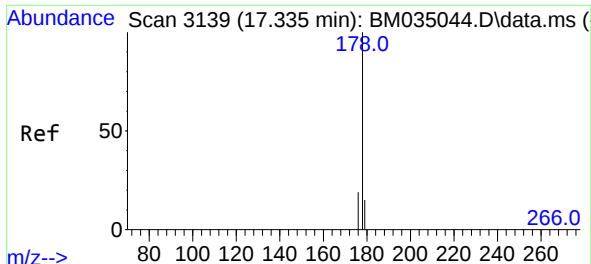
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#12
Fluorene
Concen: 3.238 ng/u1
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

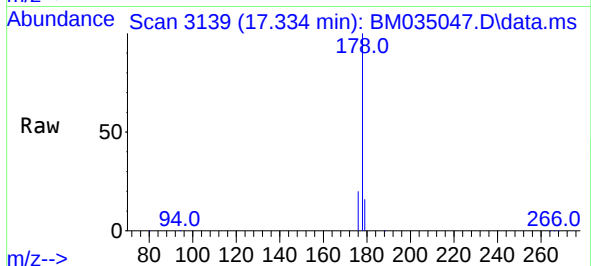
Tgt Ion:166 Resp: 169805
Ion Ratio Lower Upper
166 100
165 100.4 81.1 121.7
167 14.1 14.9 22.3#





#15
Phenanthrene
Concen: 22.509 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

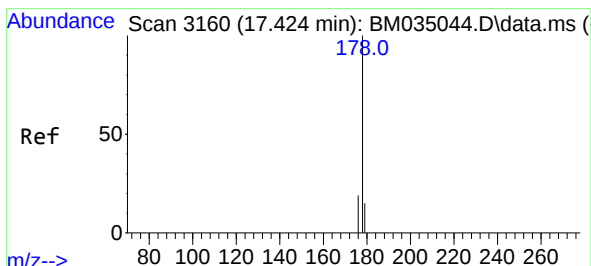
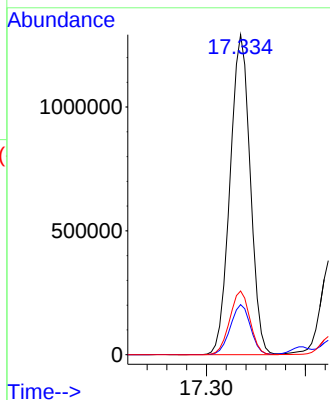
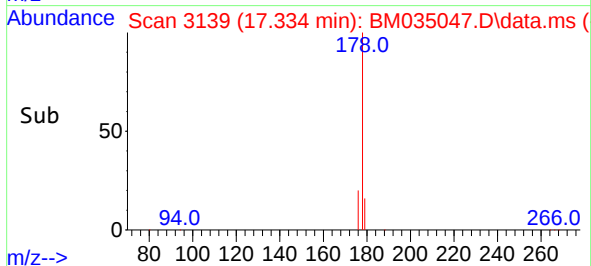
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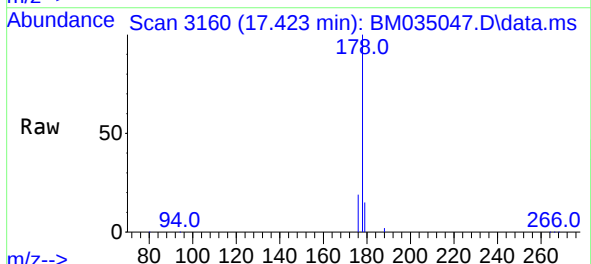
Tgt Ion:178 Resp: 1828558
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.9 17.9 26.9

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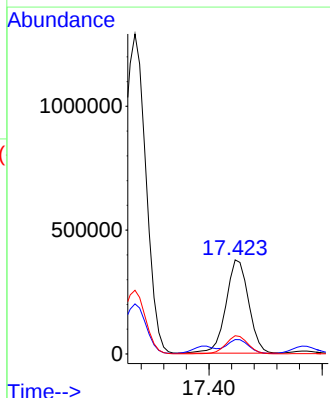
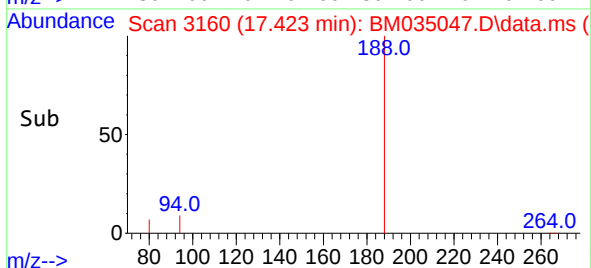
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

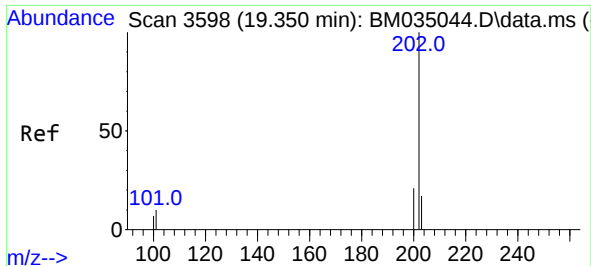


#16
Anthracene
Concen: 7.094 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29



Tgt Ion:178 Resp: 524956
Ion Ratio Lower Upper
178 100
179 15.4 16.5 24.7#
176 19.3 18.3 27.5





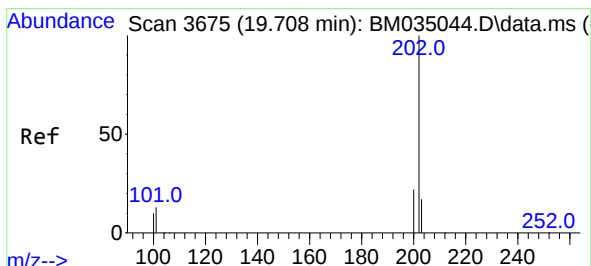
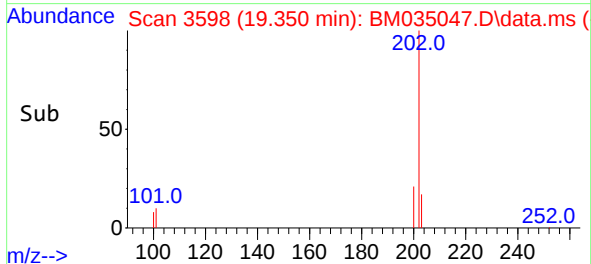
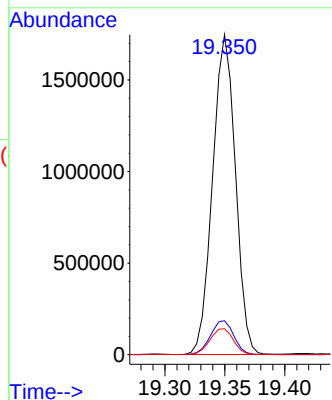
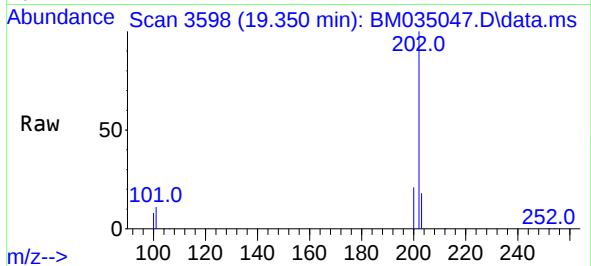
#19
Fluoranthene
Concen: 26.768 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 231359
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 8.1 7.2 10.8

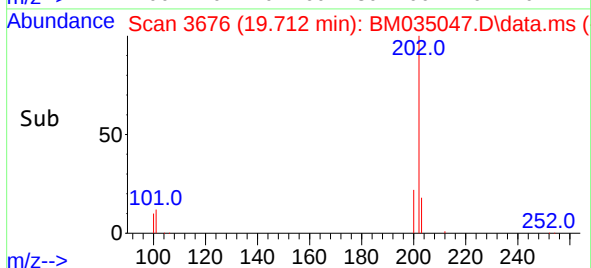
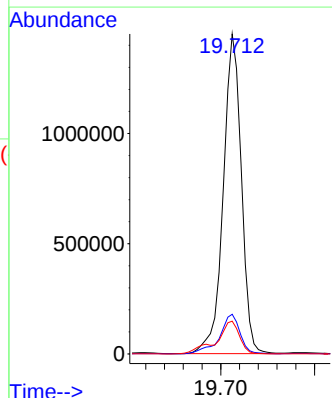
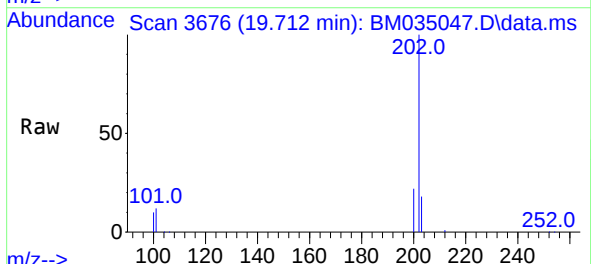
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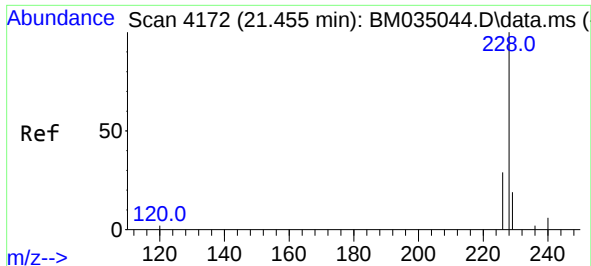
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#20
Pyrene
Concen: 22.167 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

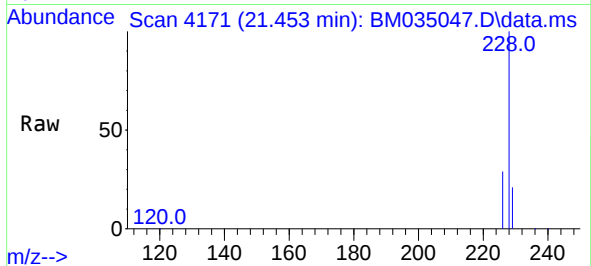
Tgt Ion:202 Resp: 1946008
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 11.056 ng/u1
RT: 21.453 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

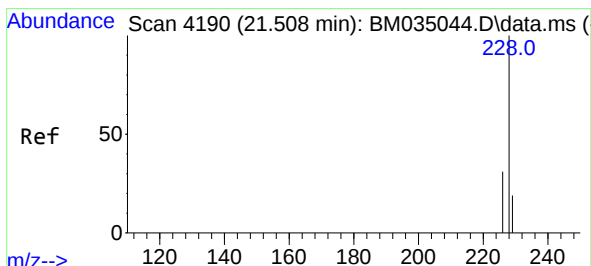
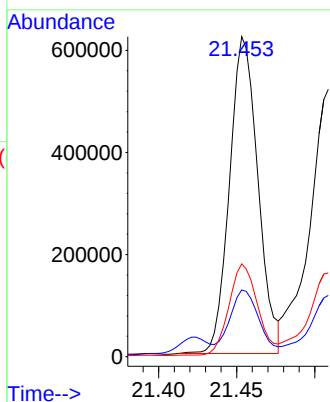
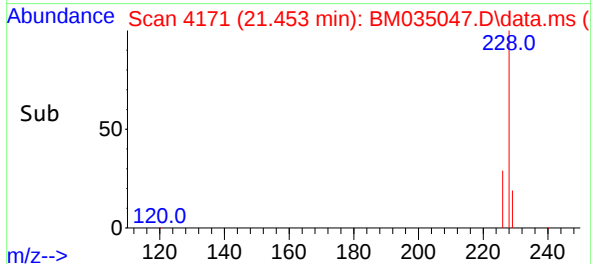
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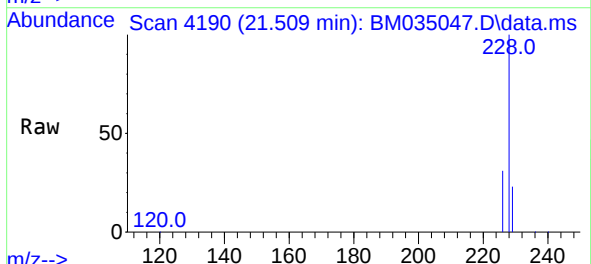
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Ion Ratio Lower Upper
228 100
229 20.9 17.3 25.9
226 29.0 23.2 34.8

Manual Integrations
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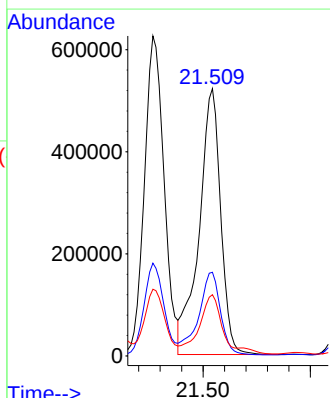
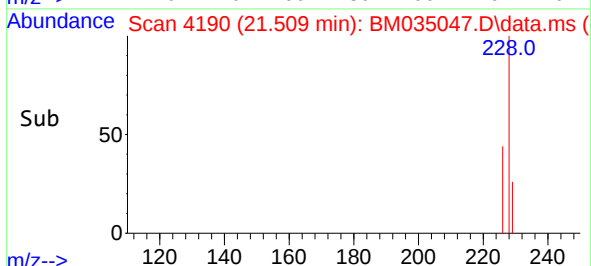
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

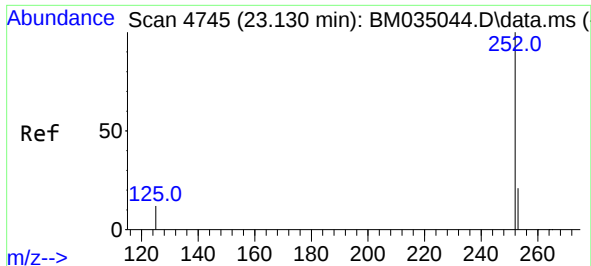


#22
Chrysene
Concen: 9.834 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29



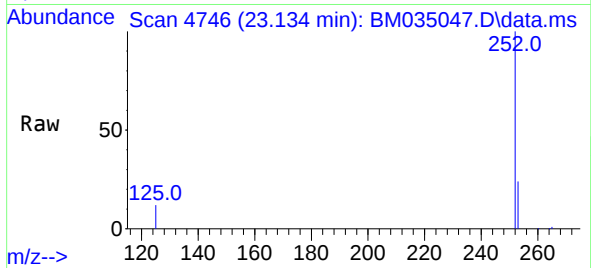
Tgt Ion:228 Resp: 728730
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 22.9 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 11.409 ng/ul
RT: 23.134 min Scan# 4745
Delta R.T. 0.000 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

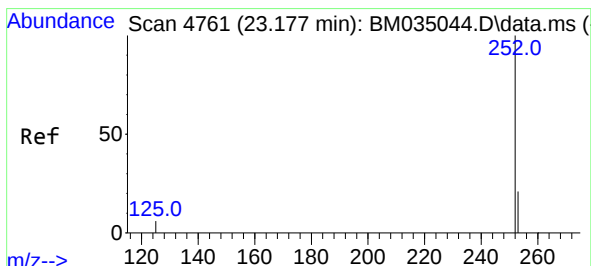
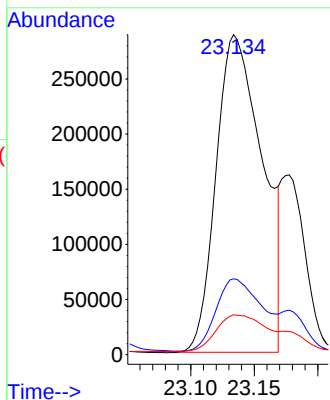
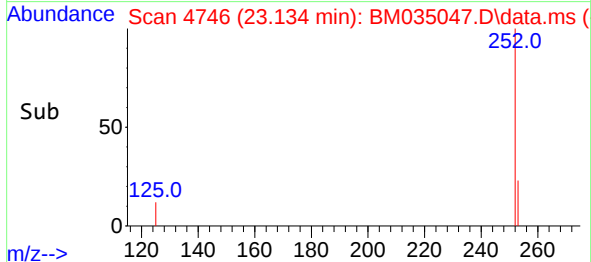
Instrument :
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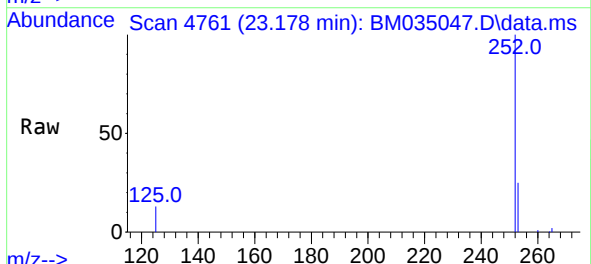
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Ion Ratio Lower Upper
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253 23.7 0.0 64.2
125 12.5 0.0 28.8

Manual Integrations
APPROVED

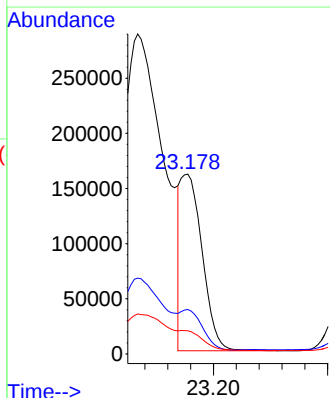
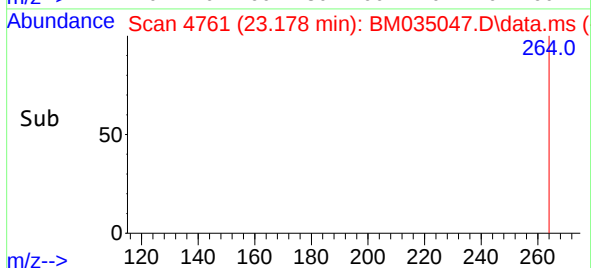
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

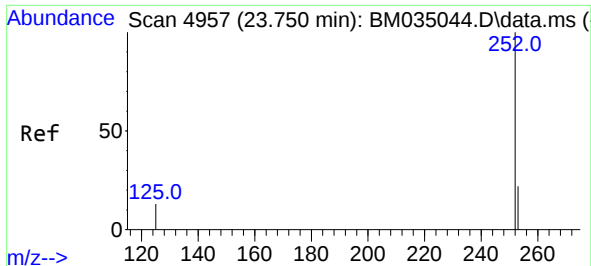


#25
Benzo(k)fluoranthene
Concen: 3.462 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29



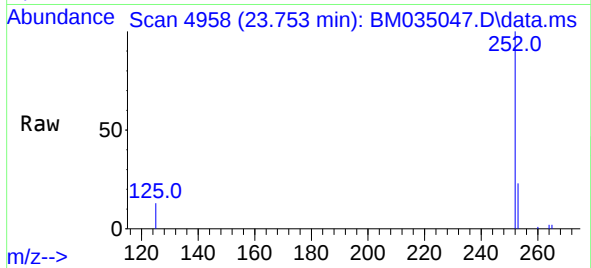
Tgt Ion:252 Resp: 211399
Ion Ratio Lower Upper
252 100
253 24.8 26.8 40.2#
125 12.9 12.0 18.0





#26
Benzo(a)pyrene
Concen: 8.946 ng/ul
RT: 23.753 min Scan# 4957
Delta R.T. 0.003 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

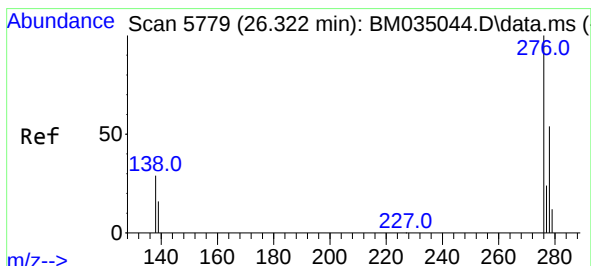
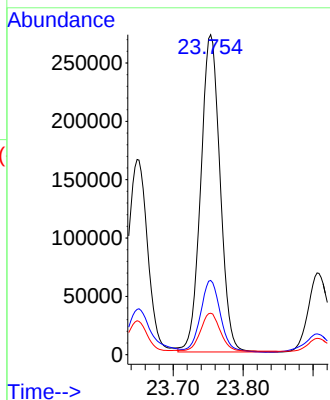
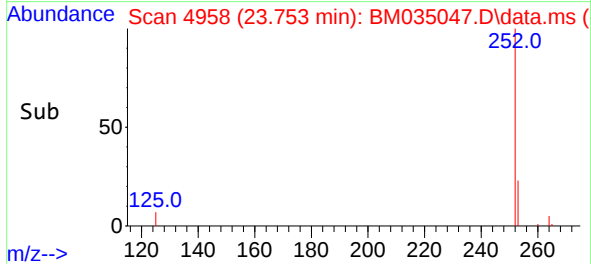
Instrument :
BNA_M
ClientSampleId :
EW495



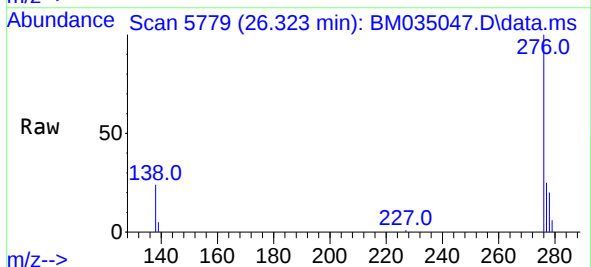
Tgt Ion:252 Resp: 52072
Ion Ratio Lower Upper
252 100
253 23.2 32.0 48.0
125 13.0 14.5 21.7

Manual Integrations
APPROVED

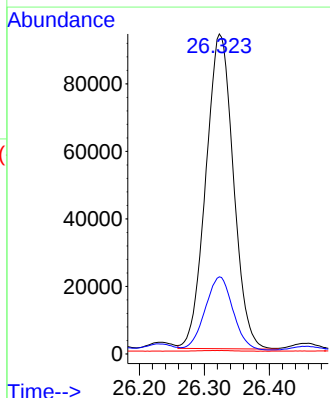
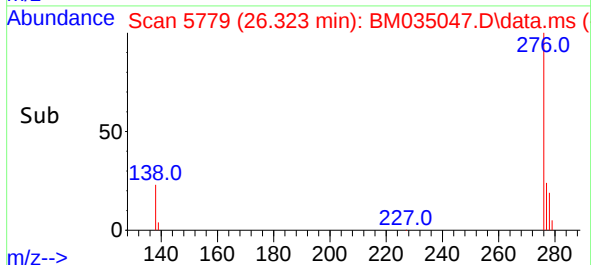
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

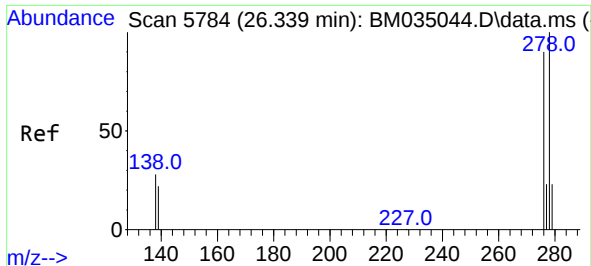


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.766 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29



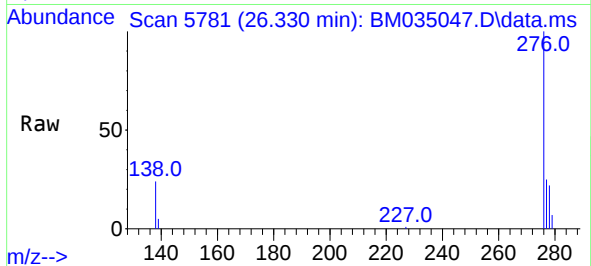
Tgt Ion:276 Resp: 274526
Ion Ratio Lower Upper
276 100
138 23.6 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.452 ng/ul
RT: 26.330 min Scan# 5784
Delta R.T. -0.013 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29

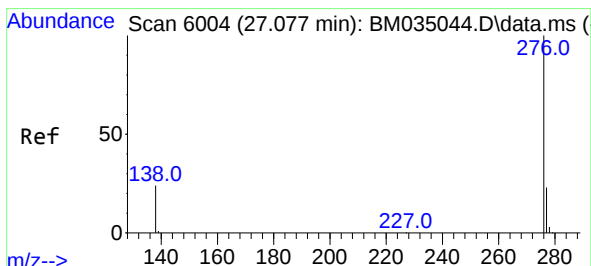
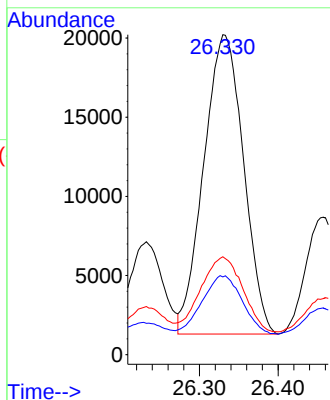
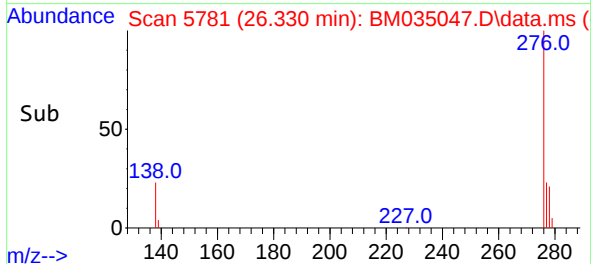
Instrument :
BNA_M
ClientSampleId :
EW495



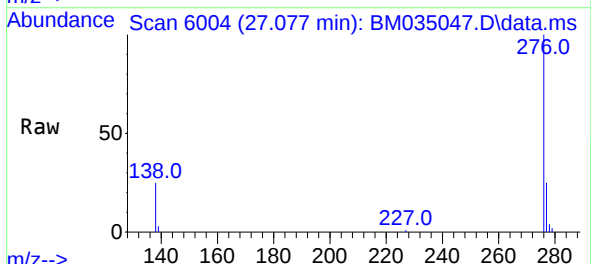
Tgt Ion:278 Resp: 66512
Ion Ratio Lower Upper
278 100
139 24.3 18.0 27.0
279 30.6 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#29
Benzo(g,h,i)perylene
Concen: 4.346 ng/ul
RT: 27.077 min Scan# 6004
Delta R.T. -0.003 min
Lab File: BM035047.D
Acq: 14 May 2022 03:29



Tgt Ion:276 Resp: 215337
Ion Ratio Lower Upper
276 100
138 24.7 17.4 26.0
277 24.5 22.6 33.8

