

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035030.D
 Acq On : 13 May 2022 16:37
 Operator : CG/JU
 Sample : N2603-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A1

Manual Integrations
 APPROVED

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

Quant Time: May 13 23:09:52 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	4393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	13877	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	8855	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	18789	0.400	ng/ul #	0.00
17) Chrysene-d12	21.474	240	15704	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	14678	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	17085	3.247	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	4490	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	11149	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.771	128	19298	0.421	ng/ul#	87
7) 2-Methylnaphthalene	12.382	142	3870	0.129	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	2758	0.099	ng/ul	99
10) Acenaphthylene	14.274	152	2821	0.054	ng/ul	98
11) Acenaphthene	14.612	153	18124	0.479	ng/ul	96
12) Fluorene	15.597	166	20338	0.460	ng/ul#	98
15) Phenanthrene	17.334	178	311555	4.353	ng/ul	94
16) Anthracene	17.427	178	66949	1.027	ng/ul#	91
19) Fluoranthene	19.350	202	513161	5.819	ng/ul	98
20) Pyrene	19.712	202	416860	4.654	ng/ul	98
21) Benzo(a)anthracene	21.456	228	203402	2.799	ng/ul	98
22) Chrysene	21.509	228	179437	2.373	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	235239	3.056	ng/ul	87
25) Benzo(k)fluoranthene	23.178	252	72969m	0.993	ng/ul	
26) Benzo(a)pyrene	23.753	252	154295	2.204	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.323	276	88856	1.282	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.330	278	21420m	0.389	ng/ul	
29) Benzo(g,h,i)perylene	27.081	276	59925	1.005	ng/ul	92

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

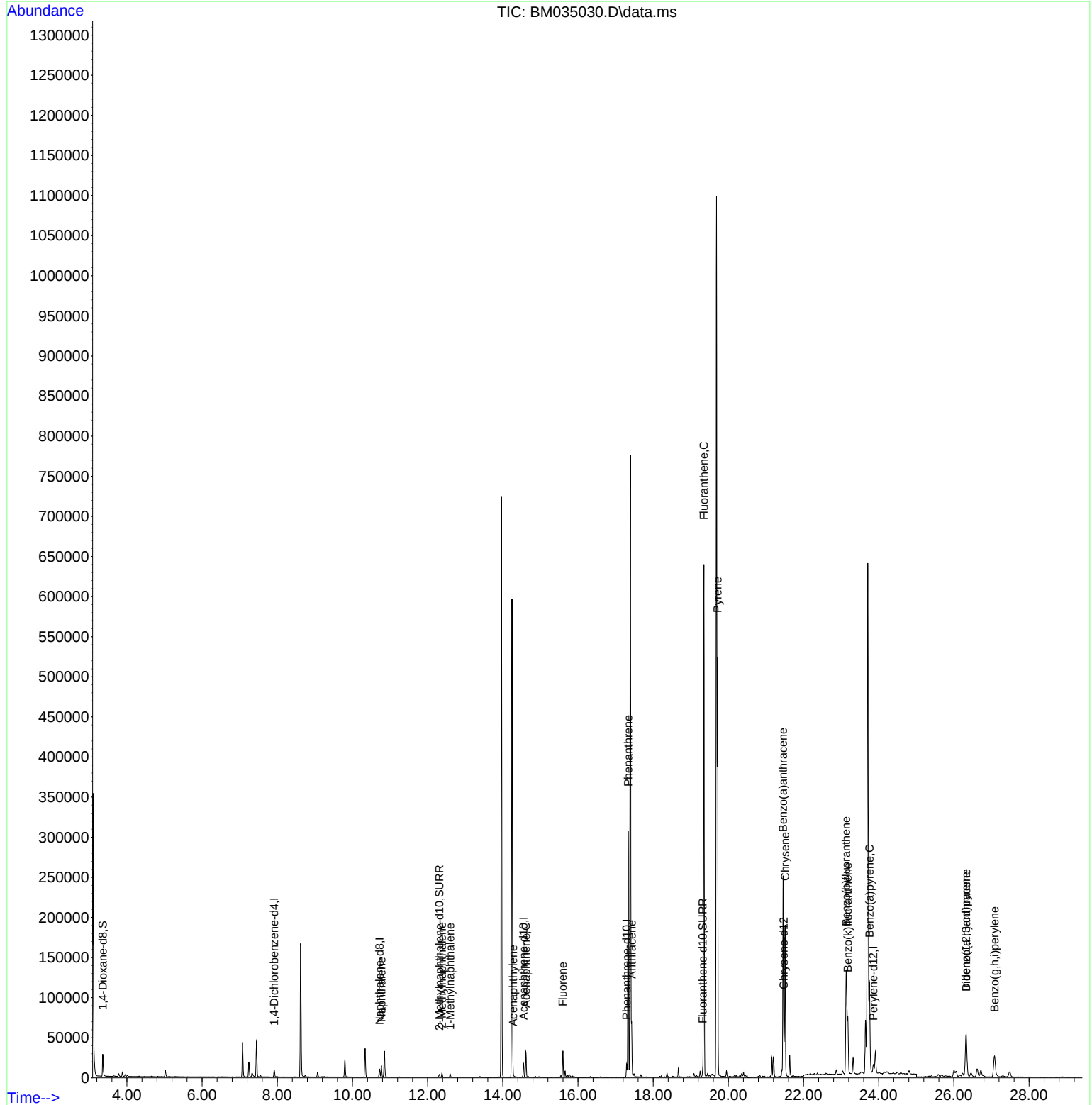
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035030.D
Acq On : 13 May 2022 16:37
Operator : CG/JU
Sample : N2603-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

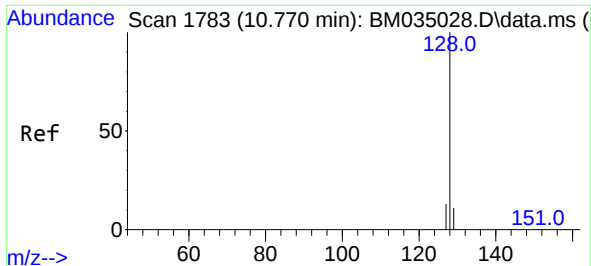
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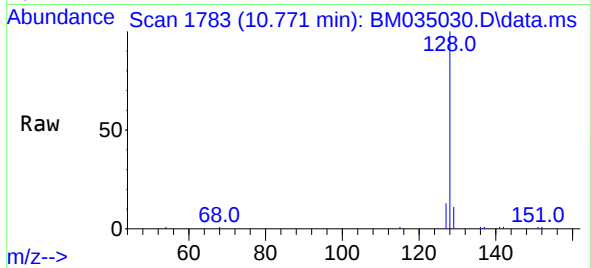
Quant Time: May 13 23:09:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.771 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

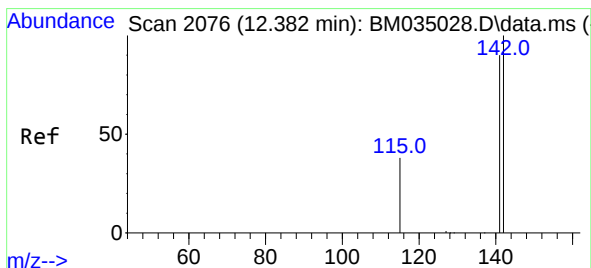
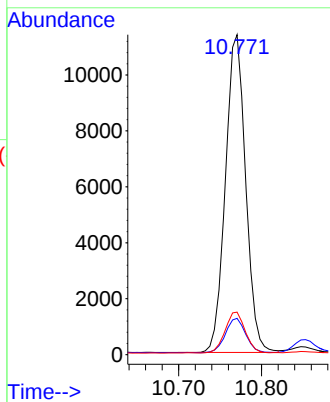
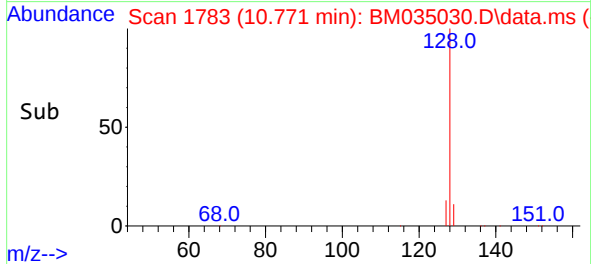
Instrument :
BNA_M
ClientSampleId :
EW4A1



Tgt Ion:128 Resp: 19298
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2
127 13.3 15.2 22.8

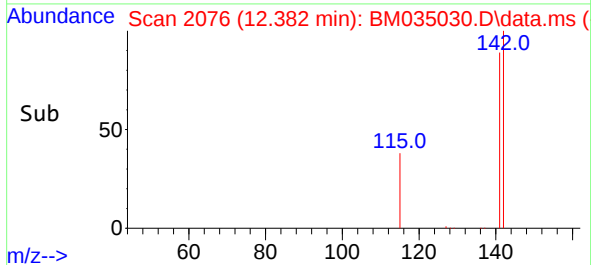
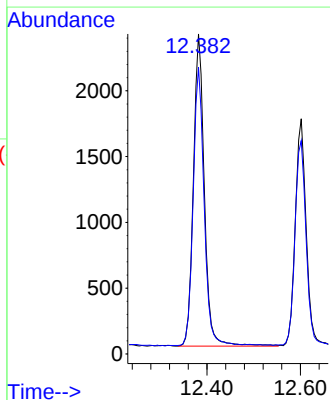
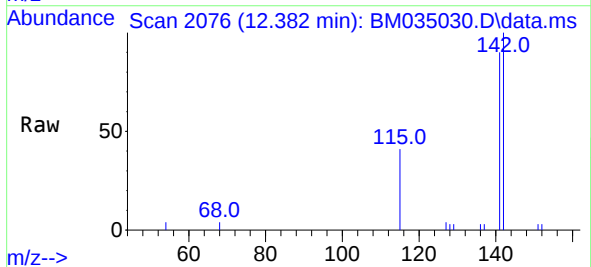
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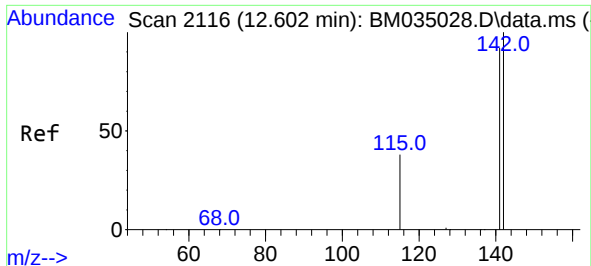
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

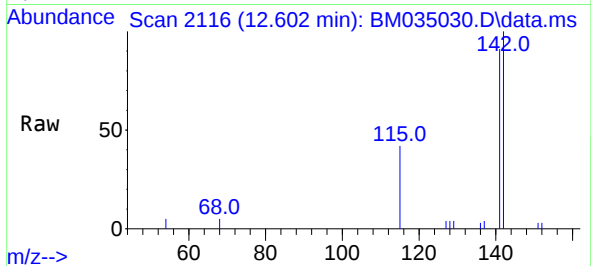
Tgt Ion:142 Resp: 3870
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

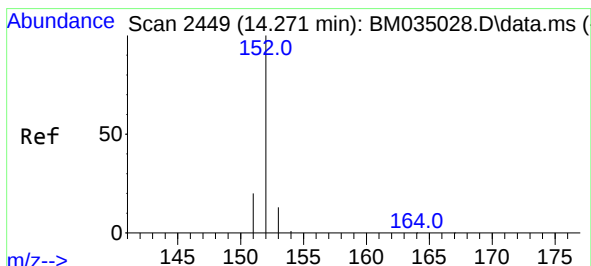
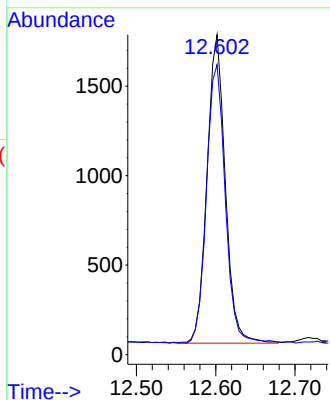
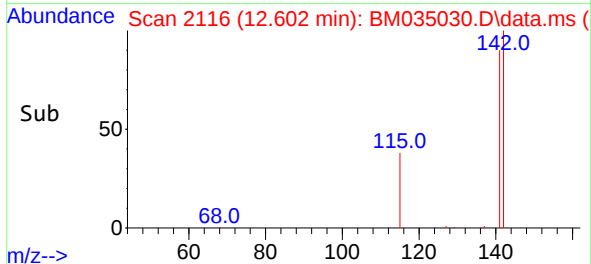
Instrument :
BNA_M
ClientSampleId :
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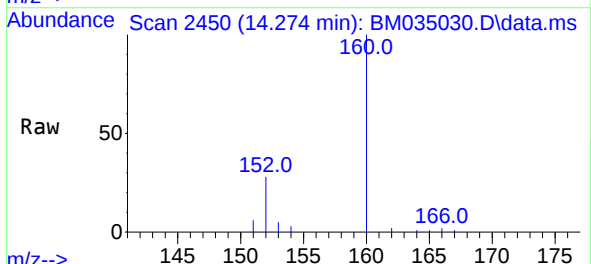
Tgt Ion:142 Resp: 2758
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

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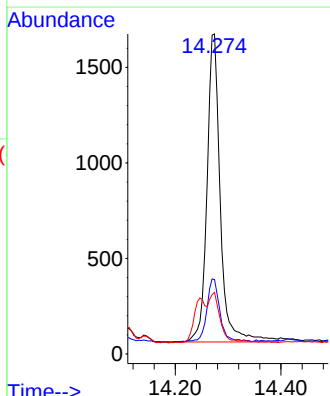
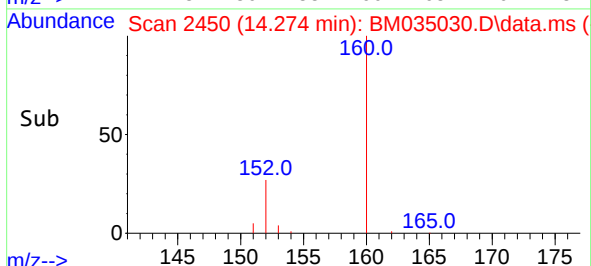
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

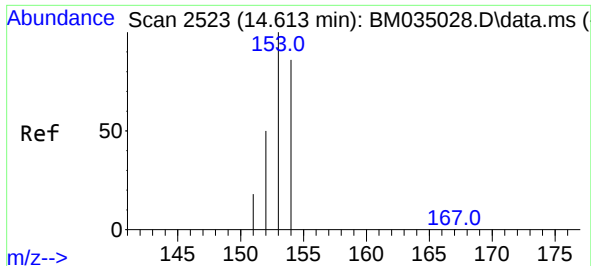


#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37



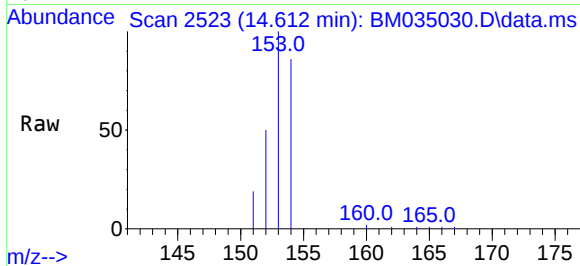
Tgt Ion:152 Resp: 2821
Ion Ratio Lower Upper
152 100
151 23.3 19.9 29.9
153 19.3 15.0 22.4





#11
Acenaphthene
Concen: 0.479 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

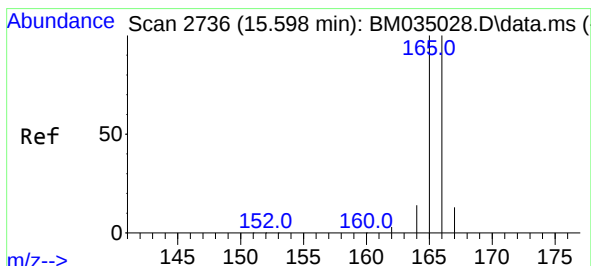
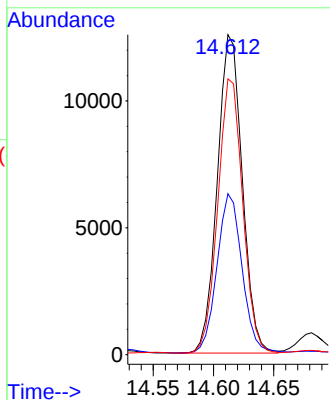
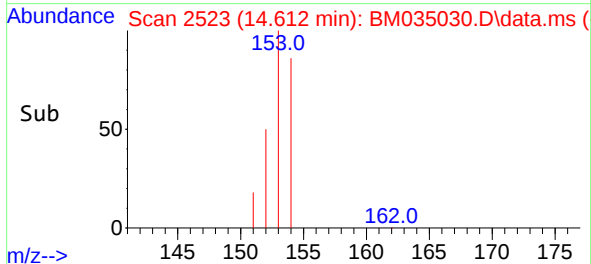
Instrument :
BNA_M
ClientSampleId :
EW4A1



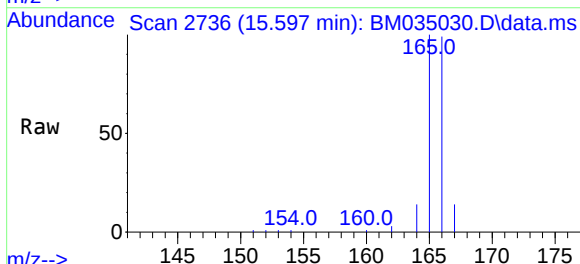
Tgt Ion:153 Resp: 18124
Ion Ratio Lower Upper
153 100
152 50.3 42.4 63.6
154 86.2 66.2 99.2

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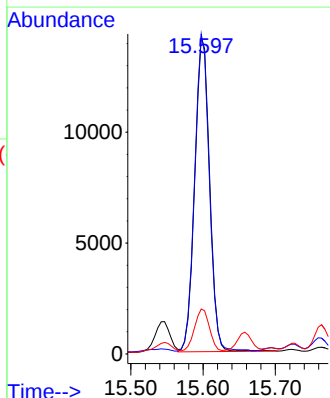
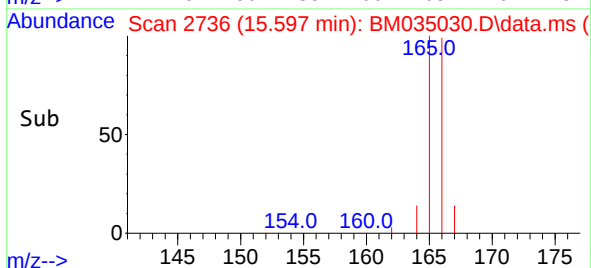
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

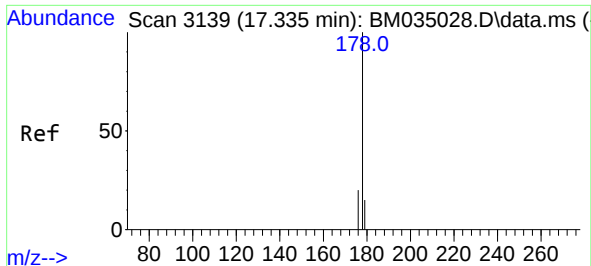


#12
Fluorene
Concen: 0.460 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37



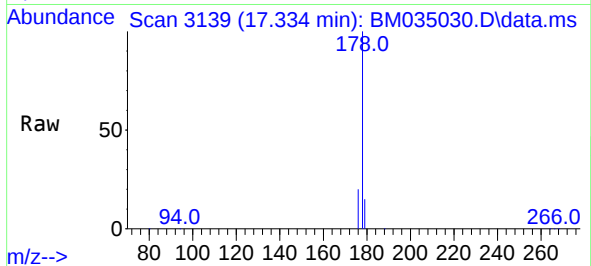
Tgt Ion:166 Resp: 20338
Ion Ratio Lower Upper
166 100
165 100.9 81.1 121.7
167 14.2 14.9 22.3#





#15
Phenanthrene
Concen: 4.353 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

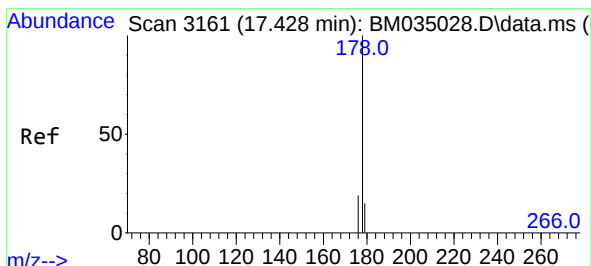
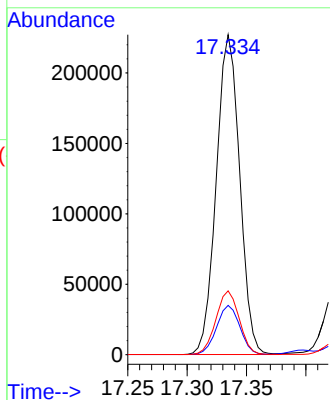
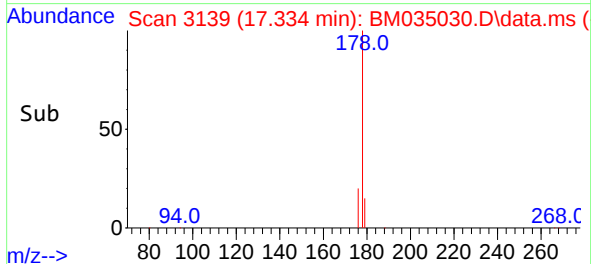
Instrument :
BNA_M
ClientSampleId :
EW4A1



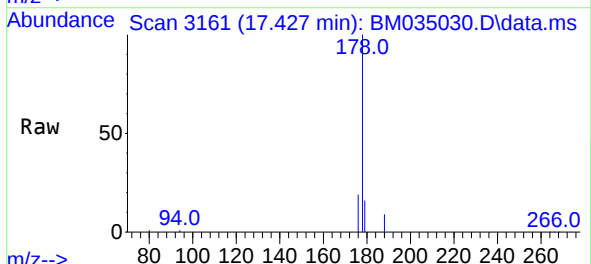
Tgt Ion:178 Resp: 31155
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.9 17.9 26.9

Manual Integrations
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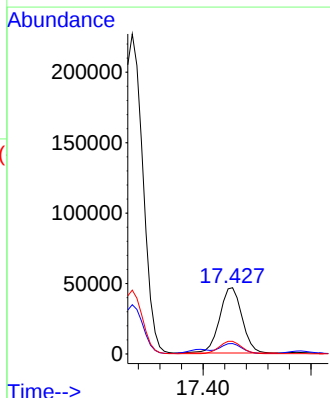
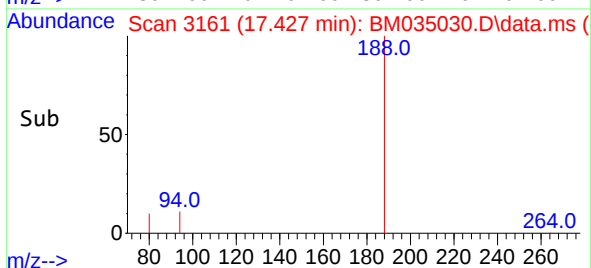
Reviewed By :Jagrut Upadhyay 05/16/2022
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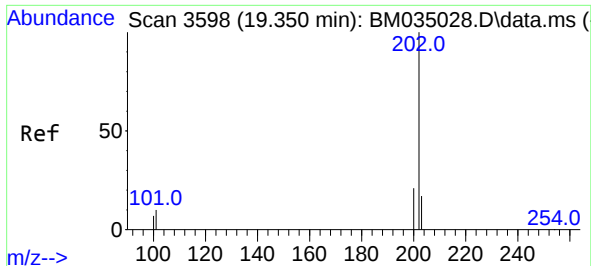


#16
Anthracene
Concen: 1.027 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37



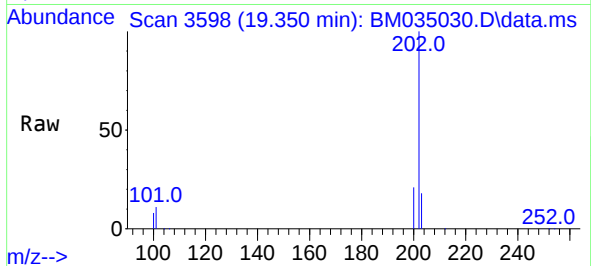
Tgt Ion:178 Resp: 66949
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.2 18.3 27.5





#19
Fluoranthene
Concen: 5.819 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

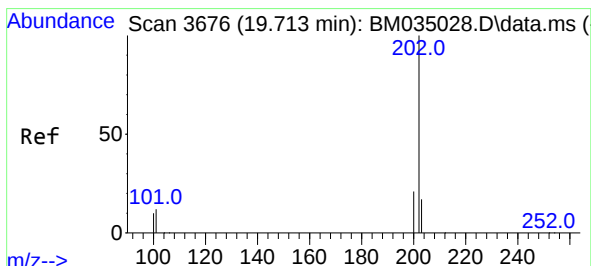
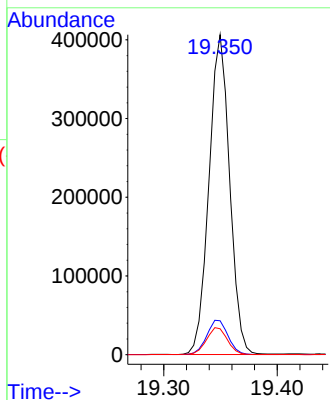
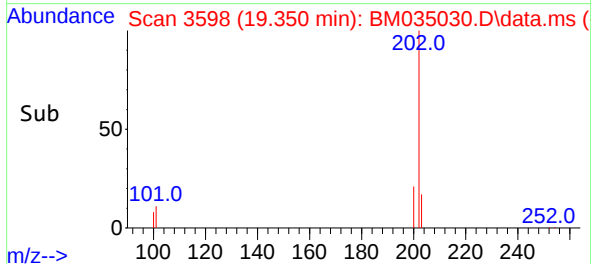
Instrument :
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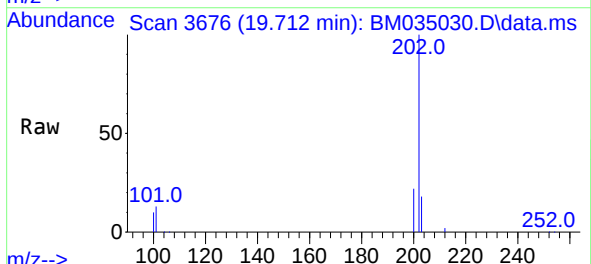
Tgt Ion:202 Resp: 51316
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 8.1 7.2 10.8

Manual Integrations
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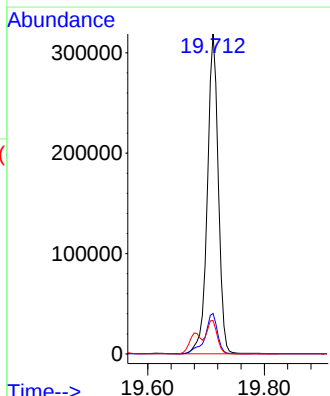
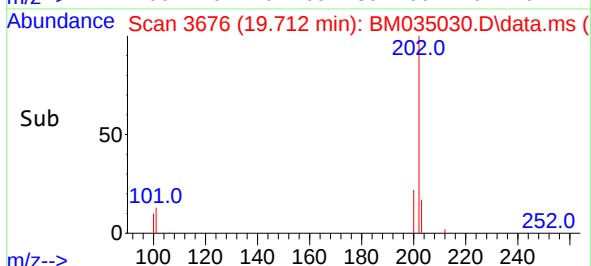
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Supervised By :Yogesh Patel 05/17/2022

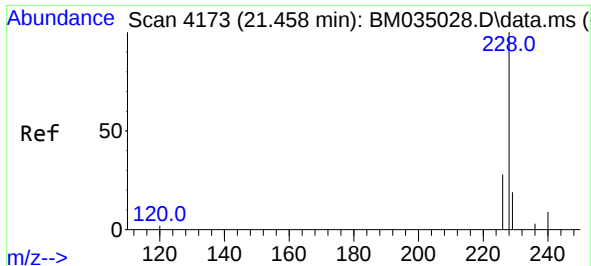


#20
Pyrene
Concen: 4.654 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37



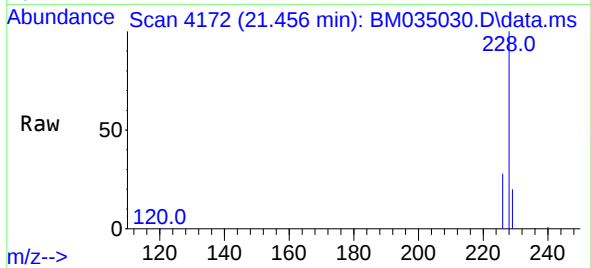
Tgt Ion:202 Resp: 416860
Ion Ratio Lower Upper
202 100
101 12.6 9.3 13.9
100 10.5 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.799 ng/u1
RT: 21.456 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

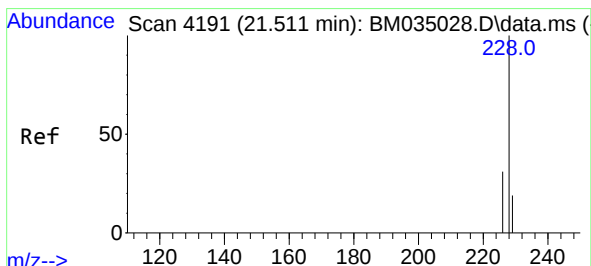
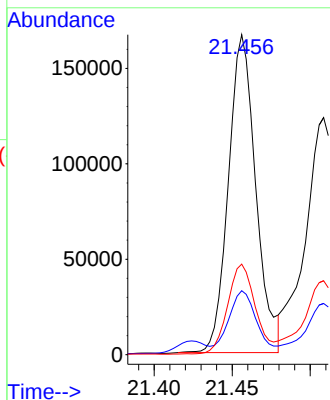
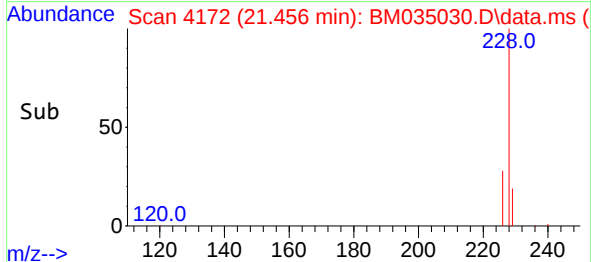
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ClientSampleId :
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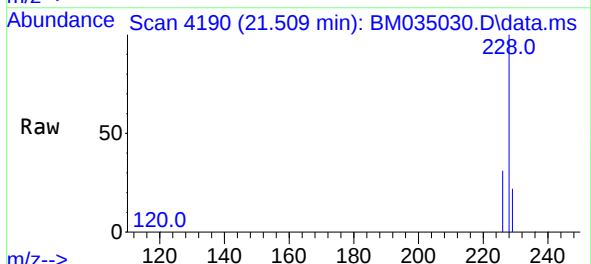
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Ion Ratio Lower Upper
228 100
229 20.0 17.3 25.9
226 28.3 23.2 34.8

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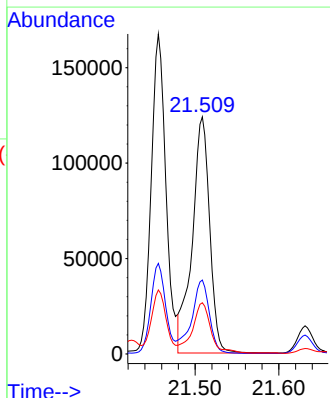
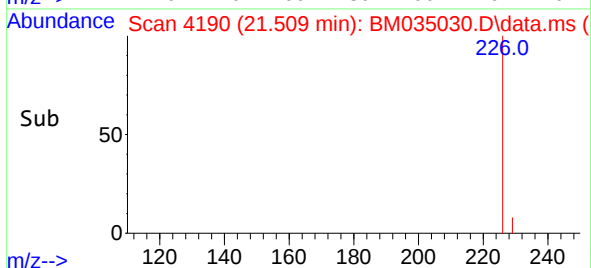
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

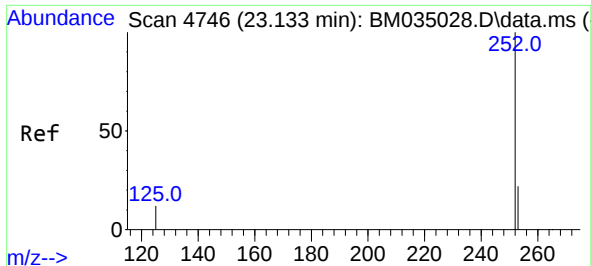


#22
Chrysene
Concen: 2.373 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37



Tgt Ion:228 Resp: 179437
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.8
229 21.6 16.7 25.1





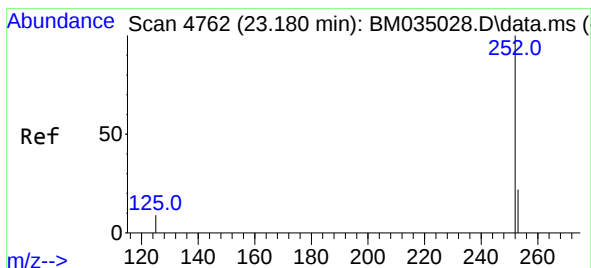
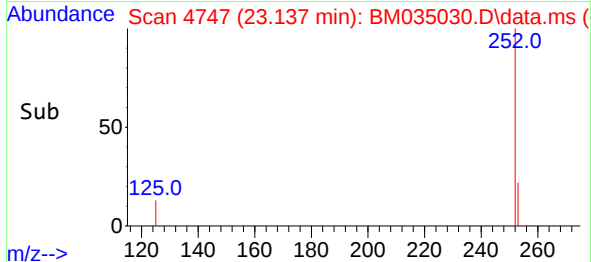
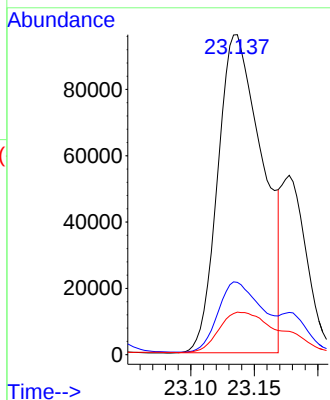
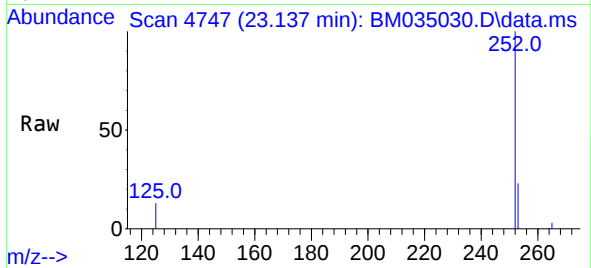
#24
Benzo(b)fluoranthene
Concen: 3.056 ng/ul
RT: 23.137 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

Instrument :
BNA_M
ClientSampleId :
EW4A1

Tgt Ion:252 Resp: 235239
Ion Ratio Lower Upper
252 100
253 22.6 0.0 64.2
125 13.3 0.0 28.8

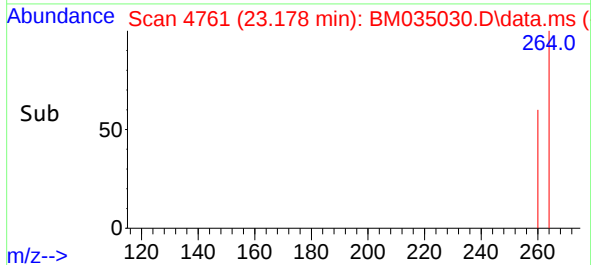
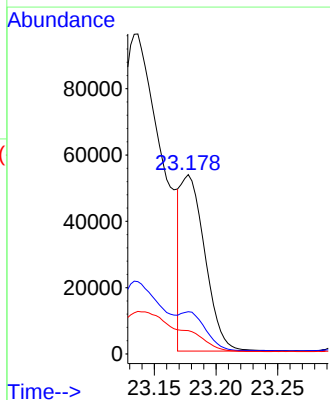
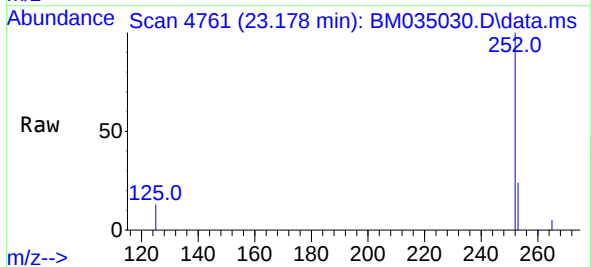
Manual Integrations
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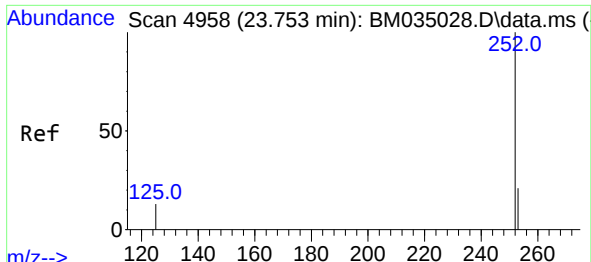
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#25
Benzo(k)fluoranthene
Concen: 0.993 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

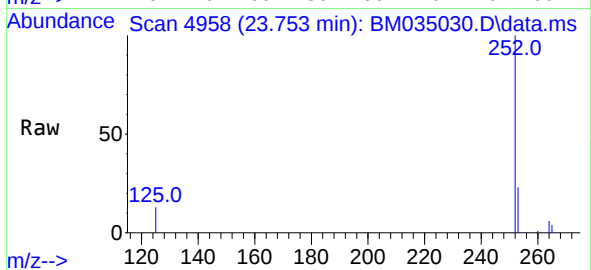
Tgt Ion:252 Resp: 72969
Ion Ratio Lower Upper
252 100
253 23.6 26.8 40.2#
125 13.1 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.204 ng/u1
RT: 23.753 min Scan# 4958
Delta R.T. 0.003 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

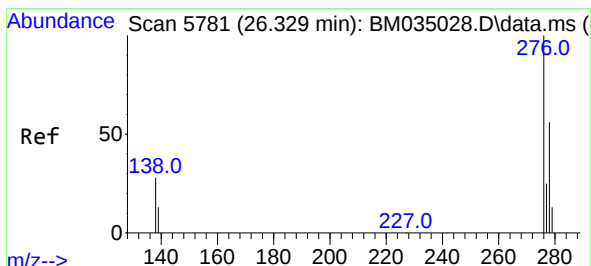
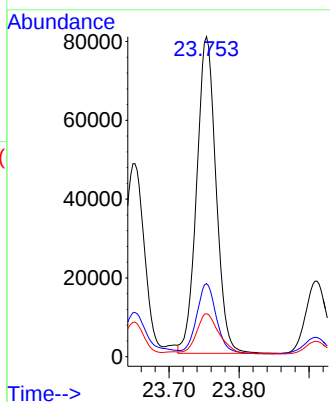
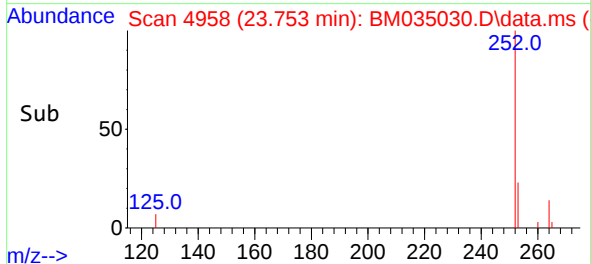
Instrument :
BNA_M
ClientSampleId :
EW4A1



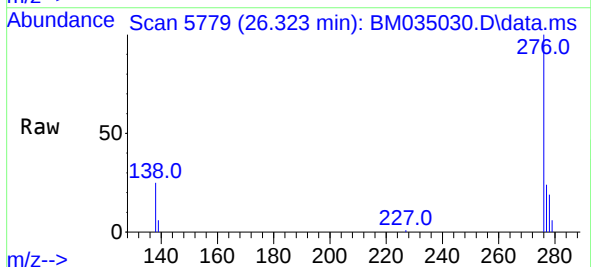
Tgt Ion:252 Resp: 154295
Ion Ratio Lower Upper
252 100
253 22.9 32.0 48.0#
125 13.4 14.5 21.7#

Manual Integrations
APPROVED

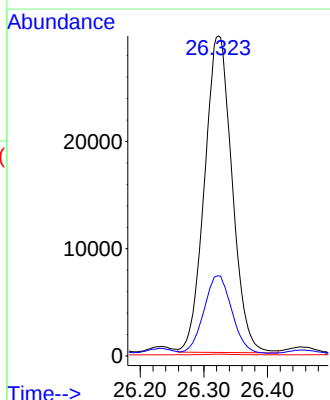
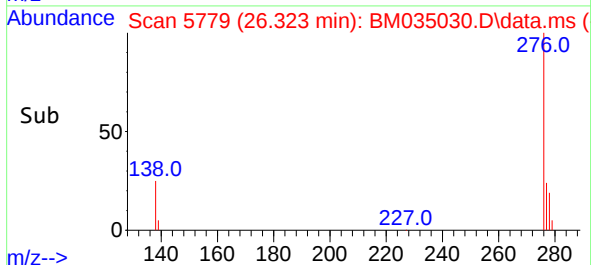
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

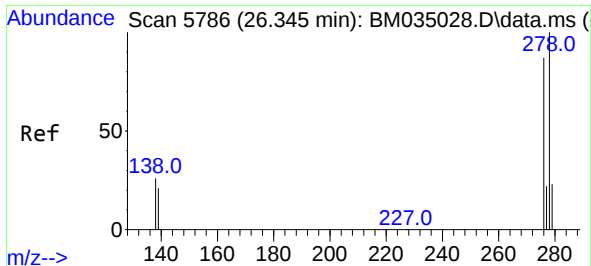


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.282 ng/u1
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37



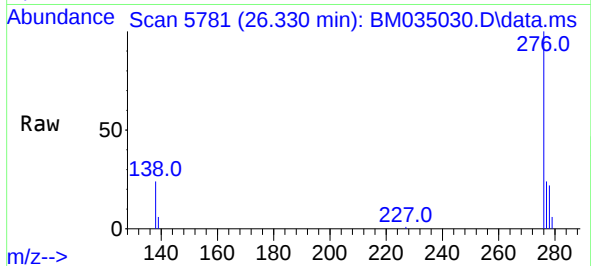
Tgt Ion:276 Resp: 88856
Ion Ratio Lower Upper
276 100
138 24.8 15.8 23.6#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul m
RT: 26.330 min Scan# 5786
Delta R.T. -0.013 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

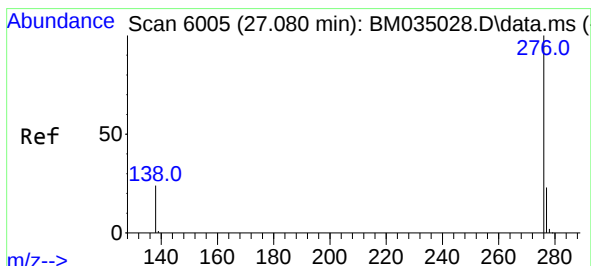
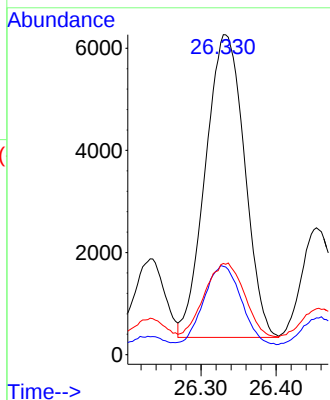
Instrument :
BNA_M
ClientSampleId :
EW4A1



Tgt Ion:278 Resp: 21420
Ion Ratio Lower Upper
278 100
139 27.6 18.0 27.0
279 28.5 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: 1.005 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.000 min
Lab File: BM035030.D
Acq: 13 May 2022 16:37

Tgt Ion:276 Resp: 59925
Ion Ratio Lower Upper
276 100
138 25.4 17.4 26.0
277 24.1 22.6 33.8

