

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034813.D
 Acq On : 25 Apr 2022 23:37
 Operator : CG/JU
 Sample : N2373-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

Quant Time: Apr 26 03:07:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	6196	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	15911	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	8330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	15248	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	12051	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	12444	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	25668	3.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	5488	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	9778	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.793	128	9116	0.200	ng/ul#	89
7) 2-Methylnaphthalene	12.404	142	5422	0.179	ng/ul	99
8) 1-Methylnaphthalene	12.619	142	5563	0.187	ng/ul	99
10) Acenaphthylene	14.289	152	26059	0.716	ng/ul#	91
11) Acenaphthene	14.631	153	3567	0.116	ng/ul	97
12) Fluorene	15.616	166	8438	0.243	ng/ul	99
15) Phenanthrene	17.352	178	187422	3.718	ng/ul	93
16) Anthracene	17.444	178	24641	0.549	ng/ul#	92
19) Fluoranthene	19.364	202	290458	5.021	ng/ul	97
20) Pyrene	19.726	202	328909	5.661	ng/ul	100
21) Benzo(a)anthracene	21.468	228	115692	2.468	ng/ul	98
22) Chrysene	21.521	228	168635	3.374	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	198371	3.491	ng/ul	88
25) Benzo(k)fluoranthene	23.192	252	66387m	1.169	ng/ul	
26) Benzo(a)pyrene	23.771	252	135128	2.914	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.353	276	104035	1.598	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.367	278	25722	0.486	ng/ul	93
29) Benzo(g,h,i)perylene	27.115	276	96041	1.709	ng/ul	93

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

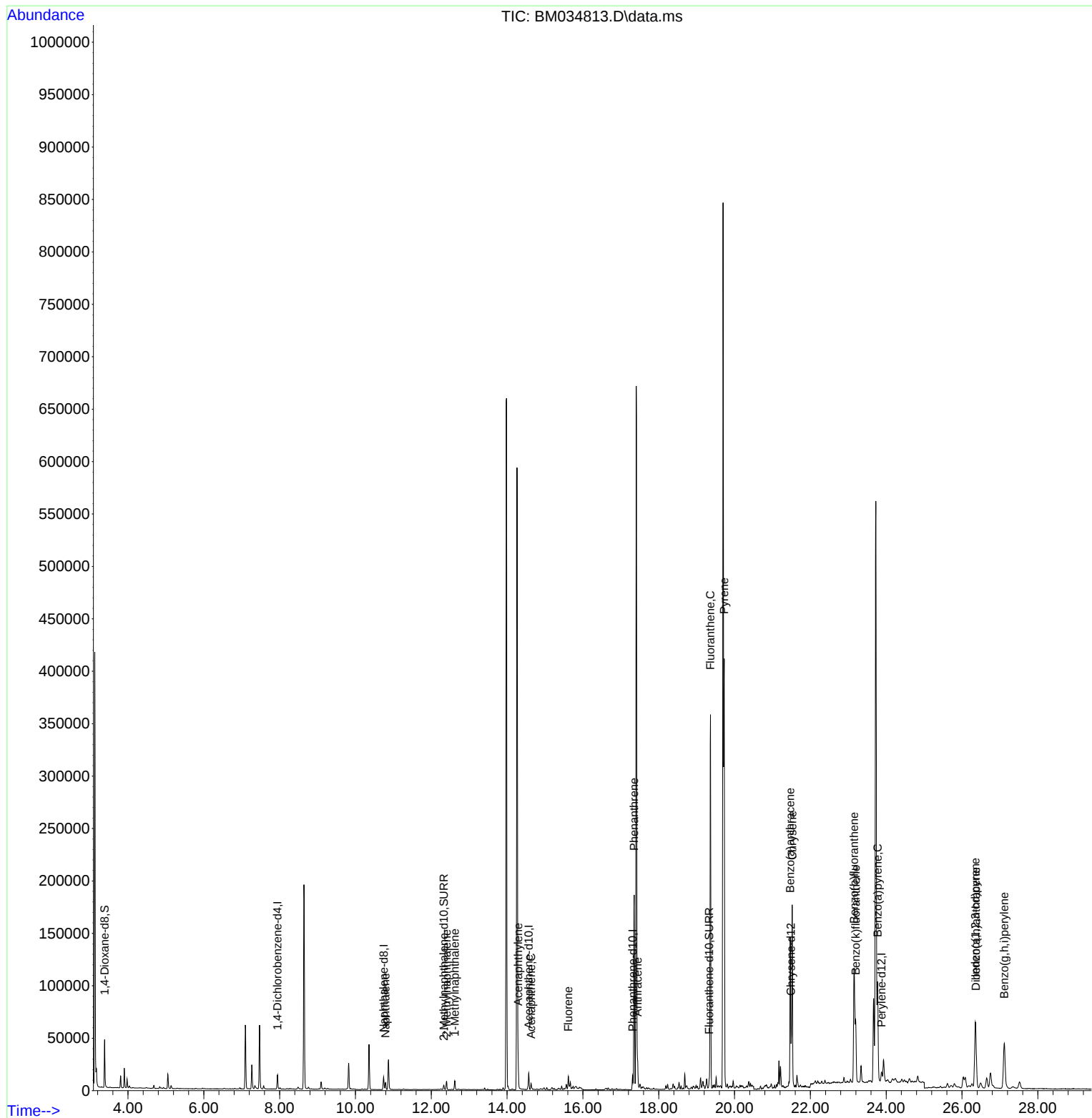
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034813.D
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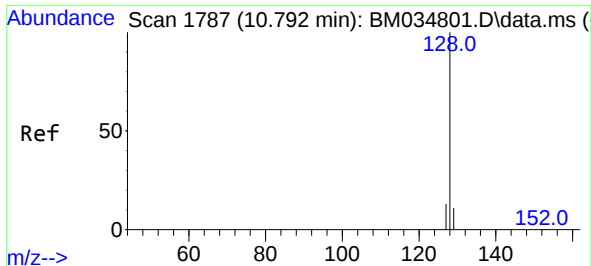
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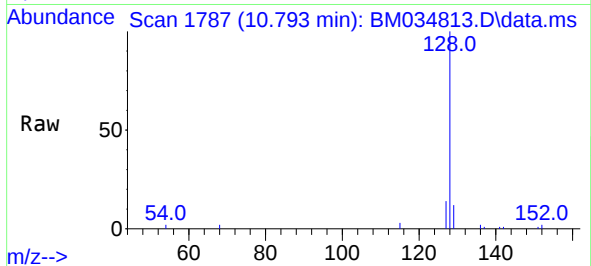
Quant Time: Apr 26 03:07:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.200 ng/ul
RT: 10.793 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

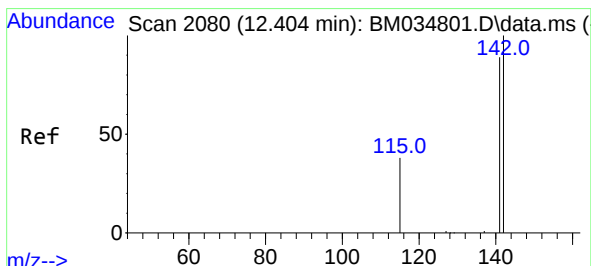
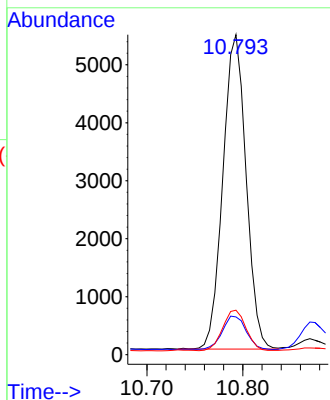
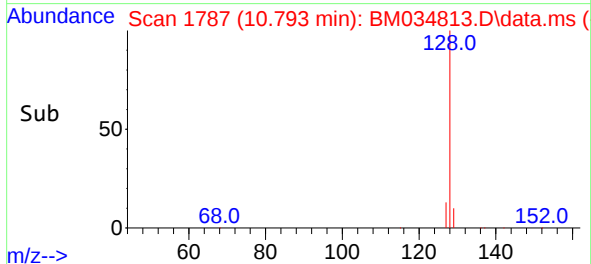
Instrument :
BNA_M
ClientSampleId :
BFFE7



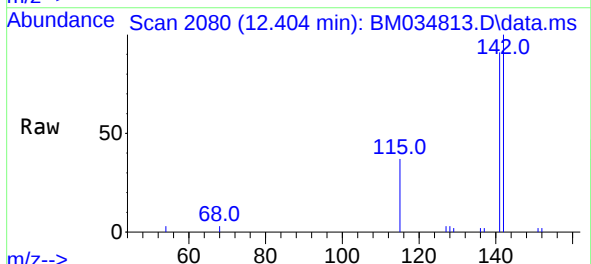
Tgt Ion:128 Resp: 9110
Ion Ratio Lower Upper
128 100
129 11.8 13.4 20.2
127 13.9 15.2 22.8

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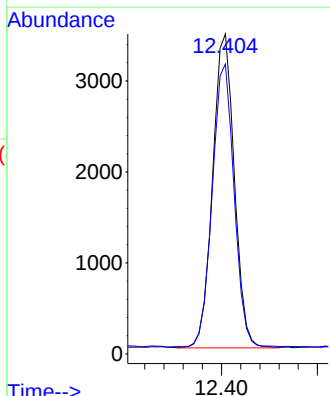
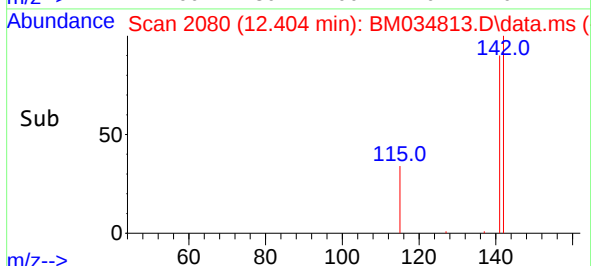
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

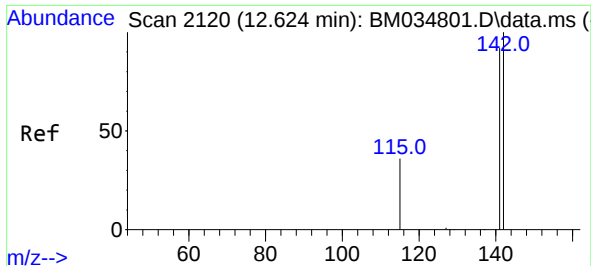


#7
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37



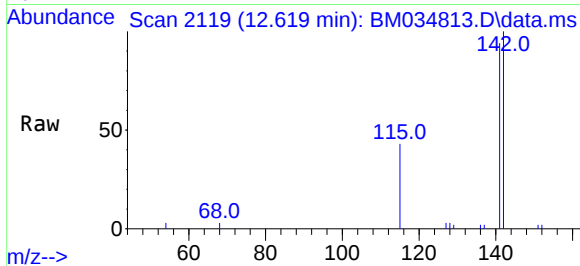
Tgt Ion:142 Resp: 5422
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.619 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

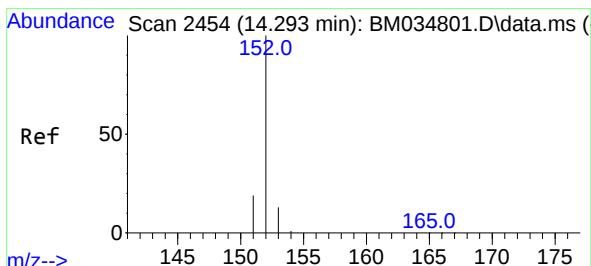
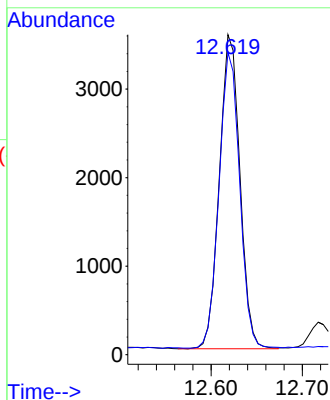
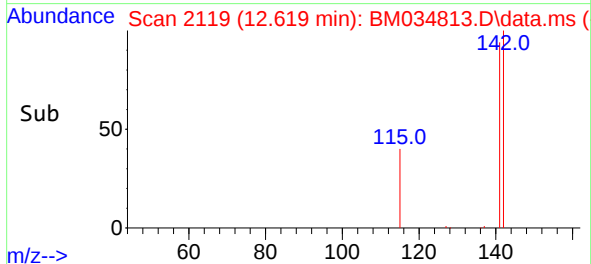
Instrument :
BNA_M
ClientSampleId :
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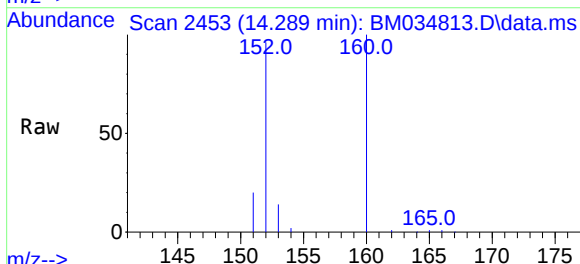
Tgt Ion:142 Resp: 556
Ion Ratio Lower Upper
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141 94.3 75.0 112.4

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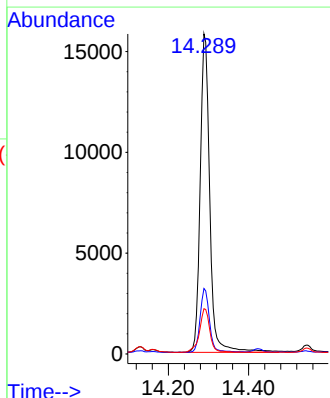
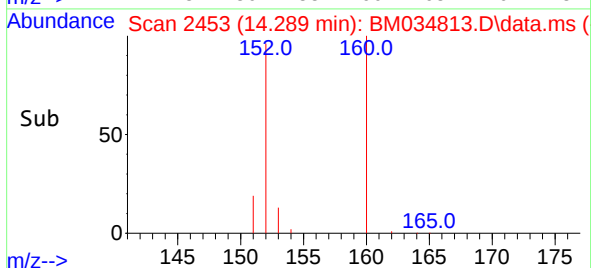
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

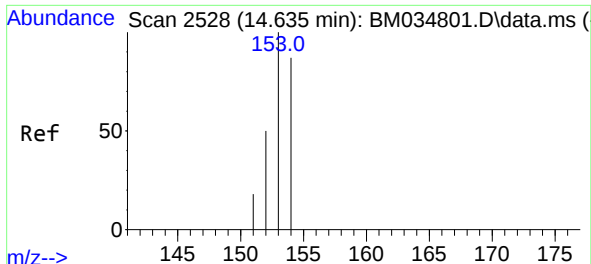


#10
Acenaphthylene
Concen: 0.716 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37



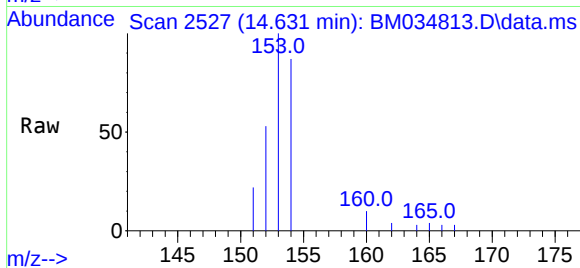
Tgt Ion:152 Resp: 26059
Ion Ratio Lower Upper
152 100
151 20.5 19.9 29.9
153 14.1 15.0 22.4





#11
Acenaphthene
Concen: 0.116 ng/ul
RT: 14.631 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

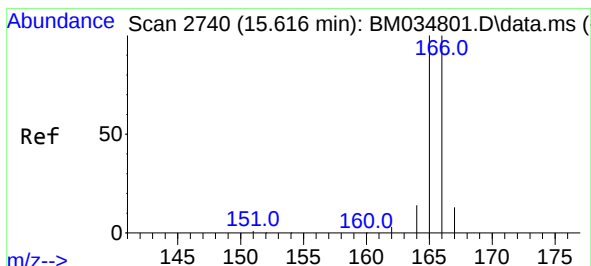
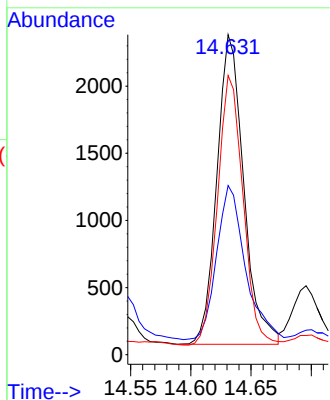
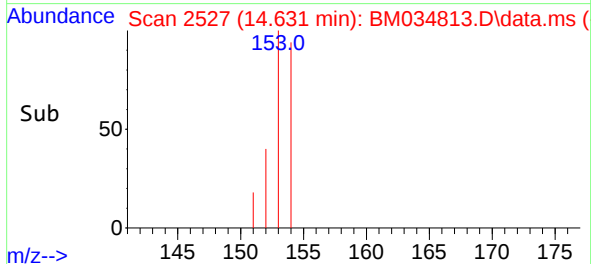
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 356
Ion Ratio Lower Upper
153 100
152 52.9 42.4 63.6
154 87.2 66.2 99.2

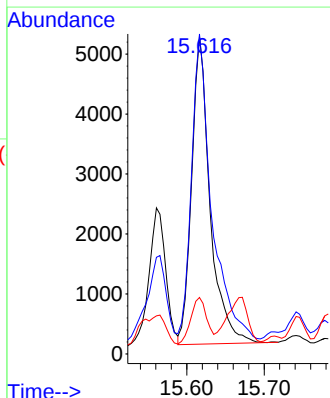
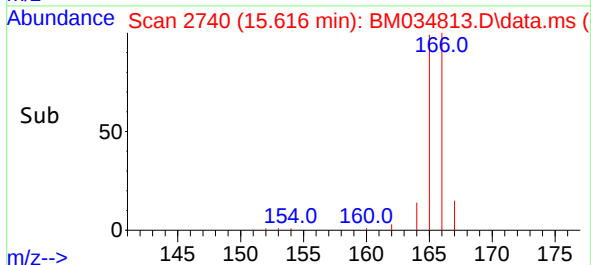
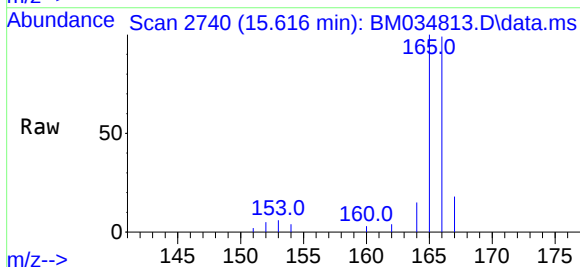
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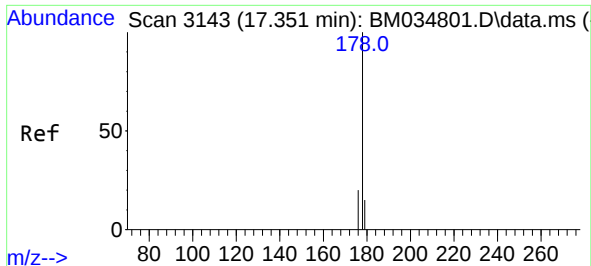
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#12
Fluorene
Concen: 0.243 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

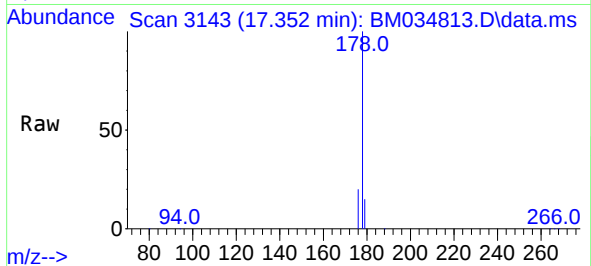
Tgt Ion:166 Resp: 8438
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 17.8 14.9 22.3





#15
Phenanthrene
Concen: 3.718 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

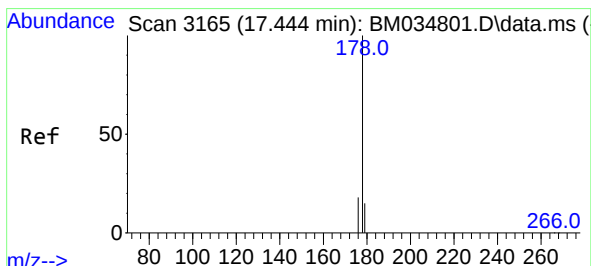
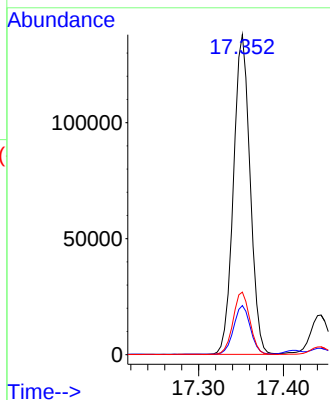
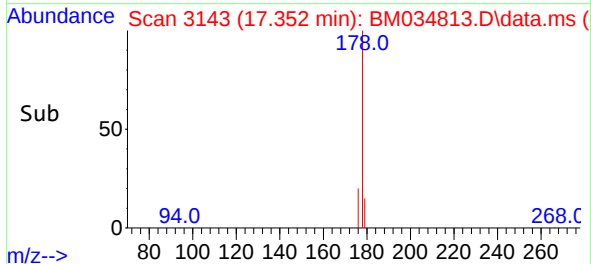
Instrument :
BNA_M
ClientSampleId :
BFFE7



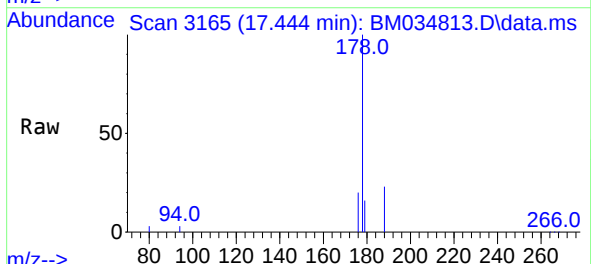
Tgt Ion:178 Resp: 18742
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9

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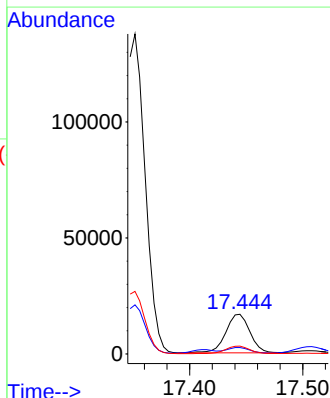
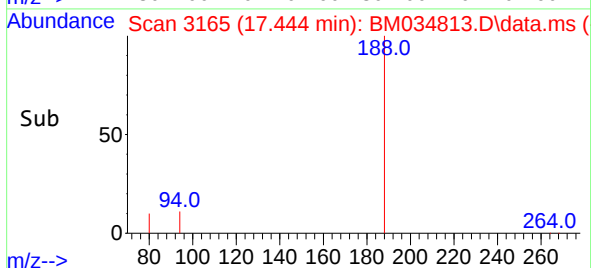
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

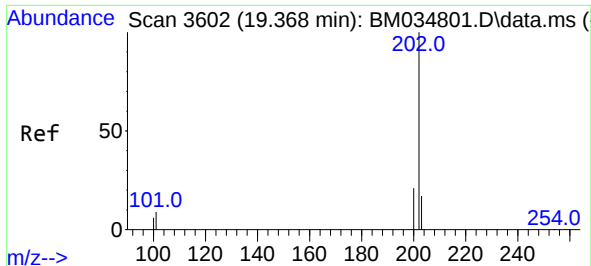


#16
Anthracene
Concen: 0.549 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37



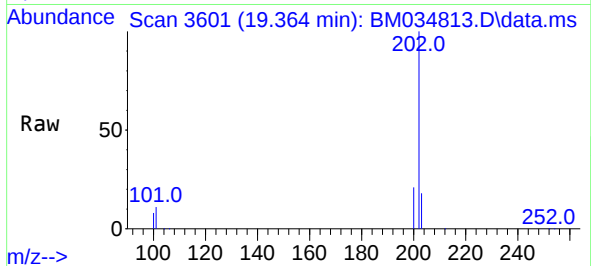
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Ion Ratio Lower Upper
178 100
179 16.2 16.5 24.7#
176 19.7 18.3 27.5





#19
Fluoranthene
Concen: 5.021 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

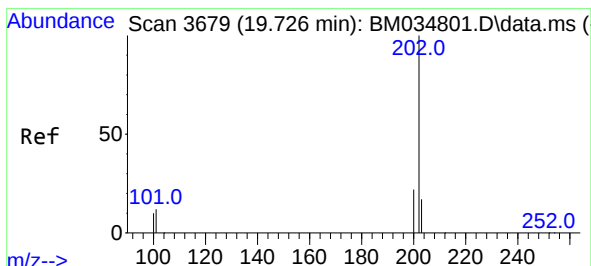
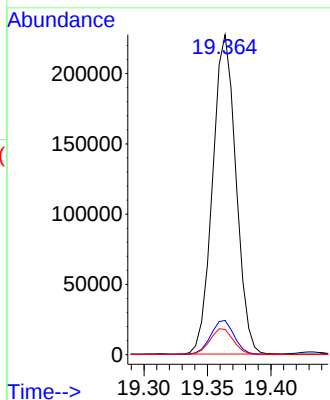
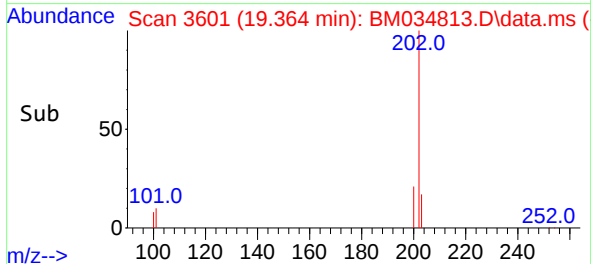
Instrument :
BNA_M
ClientSampleId :
BFFE7



Tgt Ion:202 Resp: 290458
Ion Ratio Lower Upper
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101 10.7 9.2 13.8
100 7.9 7.2 10.8

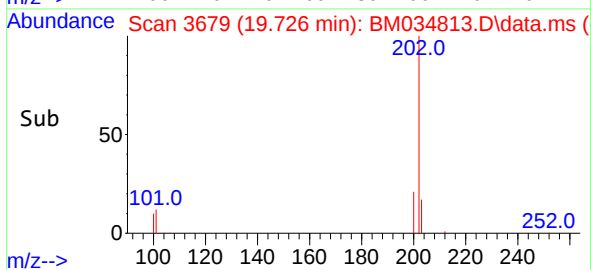
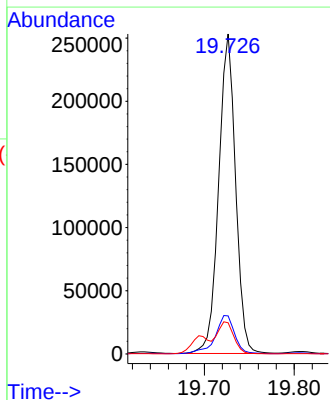
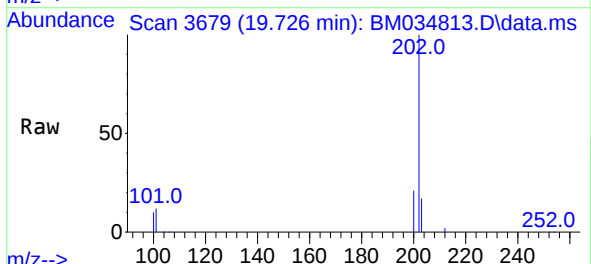
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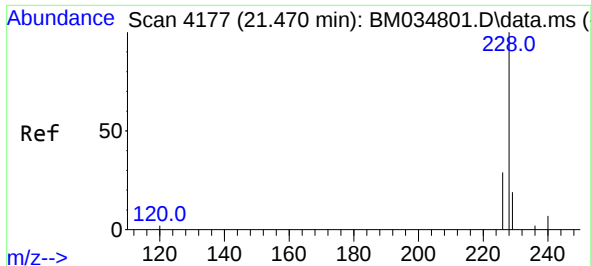
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#20
Pyrene
Concen: 5.661 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

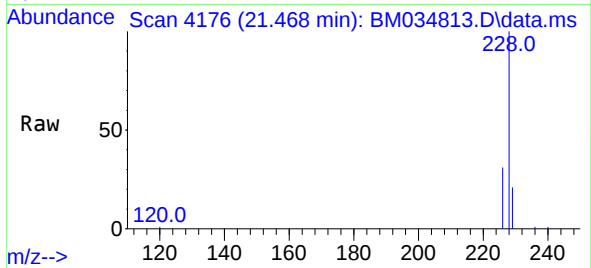
Tgt Ion:202 Resp: 328909
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 9.7 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.468 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

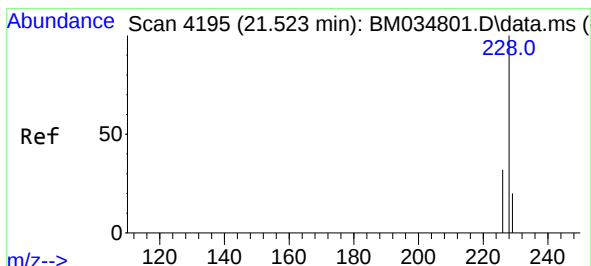
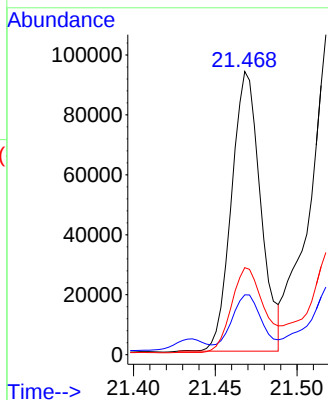
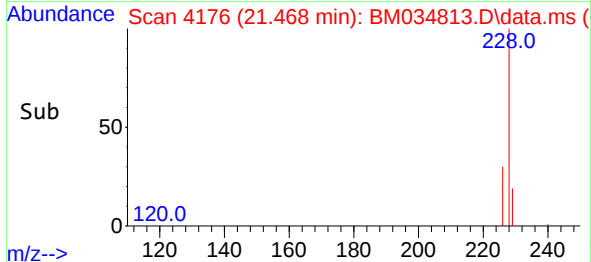
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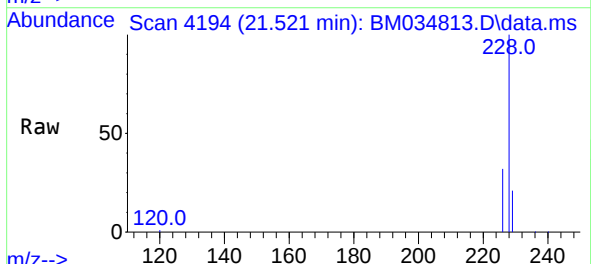
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Ion Ratio Lower Upper
228 100
229 21.1 17.3 25.9
226 30.7 23.2 34.8

Manual Integrations
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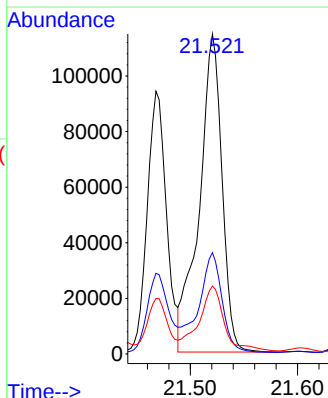
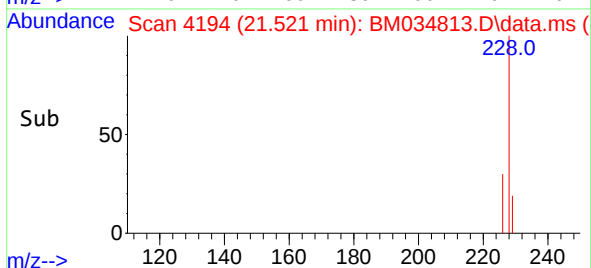
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

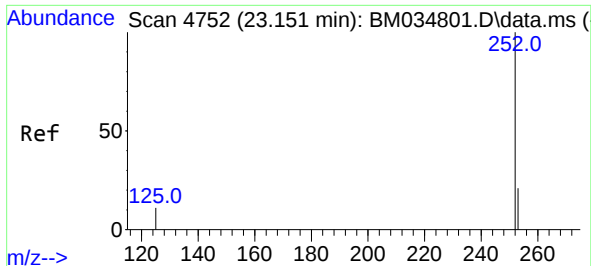


#22
Chrysene
Concen: 3.374 ng/ul
RT: 21.521 min Scan# 4194
Delta R.T. -0.004 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37



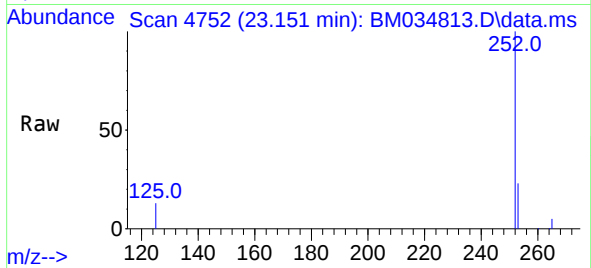
Tgt Ion:228 Resp: 168635
Ion Ratio Lower Upper
228 100
226 31.7 25.8 38.8
229 21.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.491 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.001 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

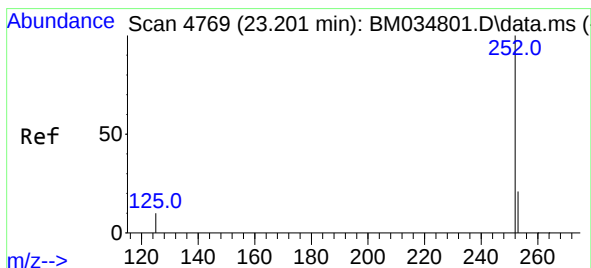
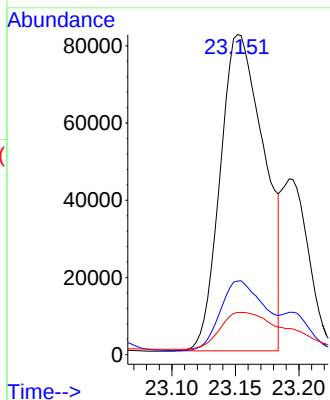
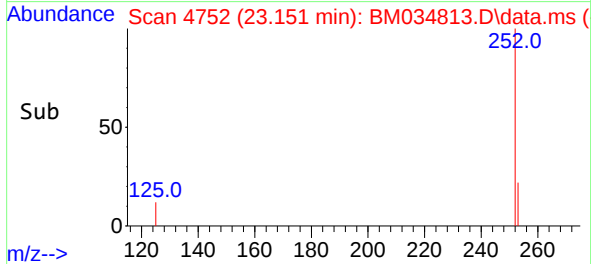
Instrument :
BNA_M
ClientSampleId :
BFFE7



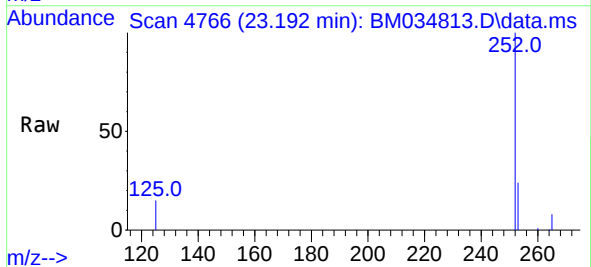
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Ion Ratio Lower Upper
252 100
253 23.0 0.0 64.2
125 13.2 0.0 28.8

Manual Integrations
APPROVED

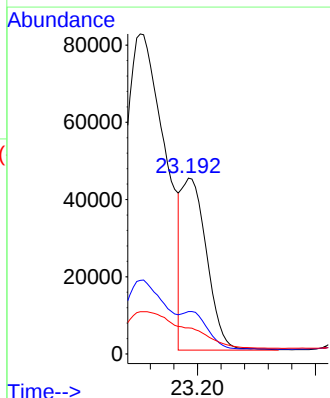
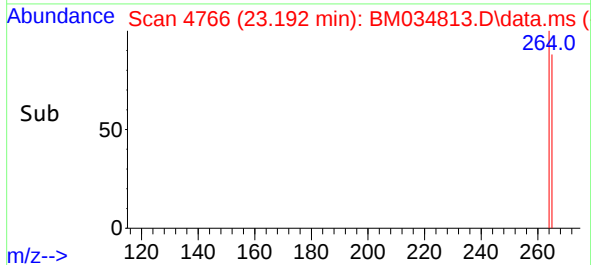
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

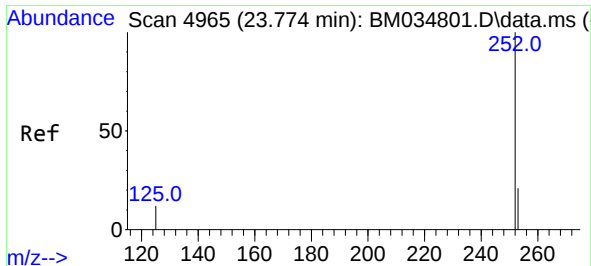


#25
Benzo(k)fluoranthene
Concen: 1.169 ng/ul m
RT: 23.192 min Scan# 4766
Delta R.T. -0.010 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37



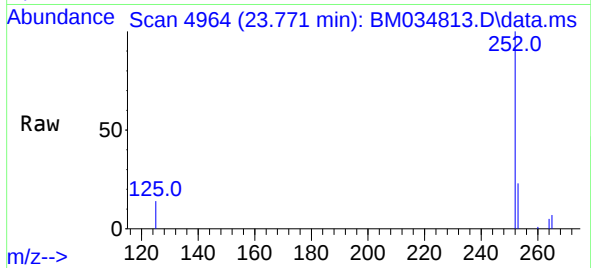
Tgt Ion:252 Resp: 66387
Ion Ratio Lower Upper
252 100
253 24.1 26.8 40.2#
125 14.9 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.914 ng/ul
RT: 23.771 min Scan# 4965
Delta R.T. -0.004 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

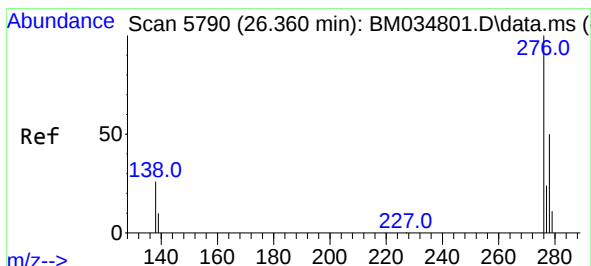
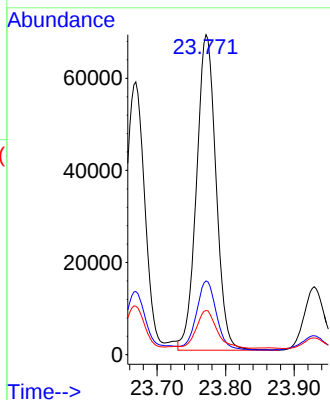
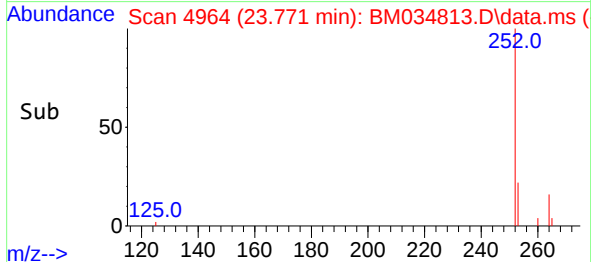
Instrument :
BNA_M
ClientSampleId :
BFFE7



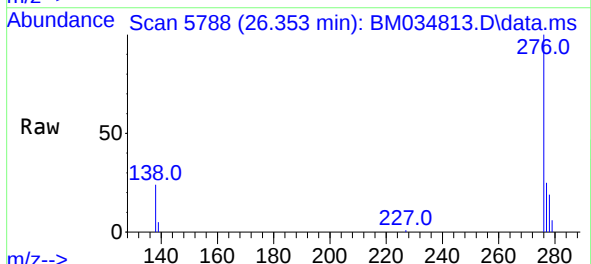
Tgt Ion:252 Resp: 135128
Ion Ratio Lower Upper
252 100
253 23.1 32.0 48.0#
125 13.8 14.5 21.7#

Manual Integrations
APPROVED

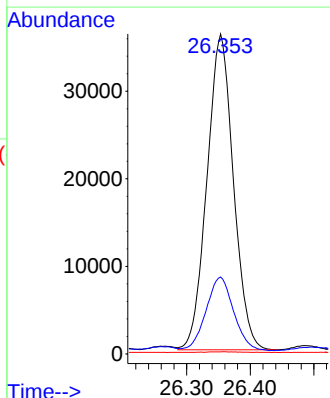
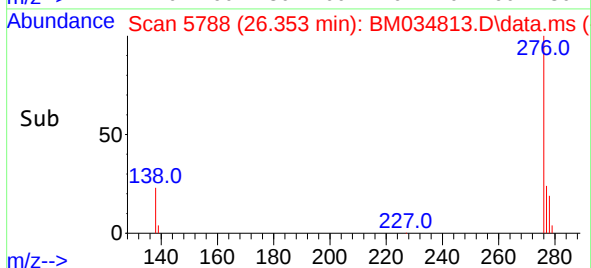
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

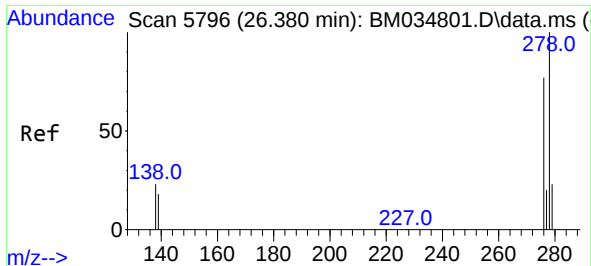


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.598 ng/ul
RT: 26.353 min Scan# 5788
Delta R.T. -0.008 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37



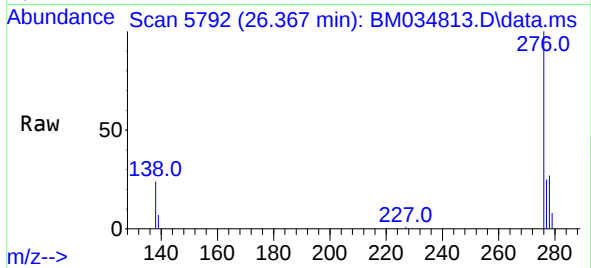
Tgt Ion:276 Resp: 104035
Ion Ratio Lower Upper
276 100
138 24.3 15.8 23.6#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.486 ng/ul
RT: 26.367 min Scan# 51
Delta R.T. -0.018 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37

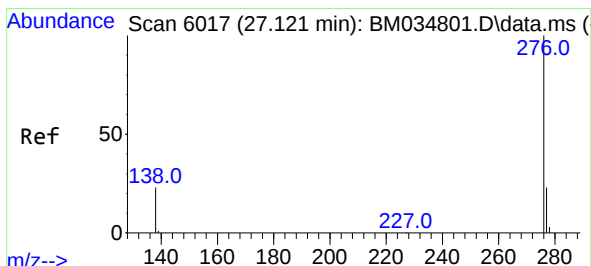
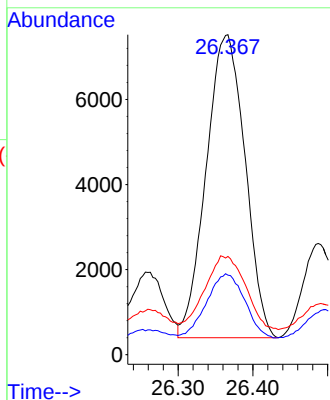
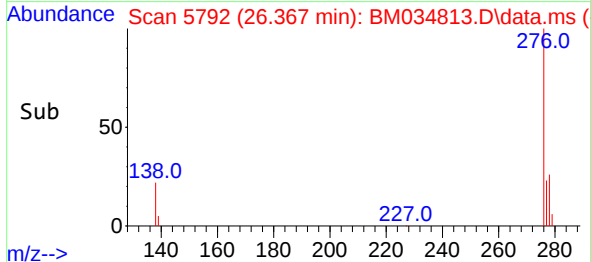
Instrument :
BNA_M
ClientSampleId :
BFFE7



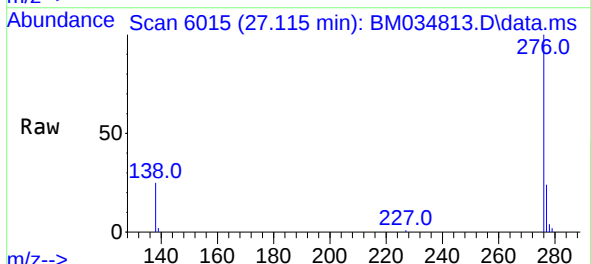
Tgt Ion:278 Resp: 2572
Ion Ratio Lower Upper
278 100
139 24.8 18.0 27.0
279 30.7 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#29
Benzo(g,h,i)perylene
Concen: 1.709 ng/ul
RT: 27.115 min Scan# 6015
Delta R.T. -0.004 min
Lab File: BM034813.D
Acq: 25 Apr 2022 23:37



Tgt Ion:276 Resp: 96041
Ion Ratio Lower Upper
276 100
138 24.9 17.4 26.0
277 24.0 22.6 33.8

