

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034823.D
 Acq On : 26 Apr 2022 06:10
 Operator : CG/JU
 Sample : N2374-07DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE3DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 06:47:55 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	7.942	152	7247	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	17932	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	9185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	17590	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	14103	0.400	ng/ul	# 0.00
23) Perylene-d12	23.876	264	16277	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	4360	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1092	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	2102	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	2240	0.044	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	1186	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.618	142	1366	0.041	ng/ul	99
10) Acenaphthylene	14.288	152	9824	0.245	ng/ul#	91
11) Acenaphthene	14.630	153	2898	0.085	ng/ul	97
12) Fluorene	15.616	166	5505	0.144	ng/ul	99
15) Phenanthrene	17.351	178	138858	2.388	ng/ul	93
16) Anthracene	17.444	178	20616	0.398	ng/ul	92
19) Fluoranthene	19.363	202	449914	6.645	ng/ul	96
20) Pyrene	19.726	202	386095	5.678	ng/ul	100
21) Benzo(a)anthracene	21.468	228	197954	3.608	ng/ul	99
22) Chrysene	21.520	228	291757	4.988	ng/ul	99
24) Benzo(b)fluoranthene	23.154	252	518363	6.975	ng/ul	87
25) Benzo(k)fluoranthene	23.195	252	174560m	2.351	ng/ul	
26) Benzo(a)pyrene	23.771	252	308802	5.092	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.353	276	324646	3.813	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.370	278	70648m	1.020	ng/ul	
29) Benzo(g,h,i)perylene	27.121	276	287331	3.909	ng/ul	94

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

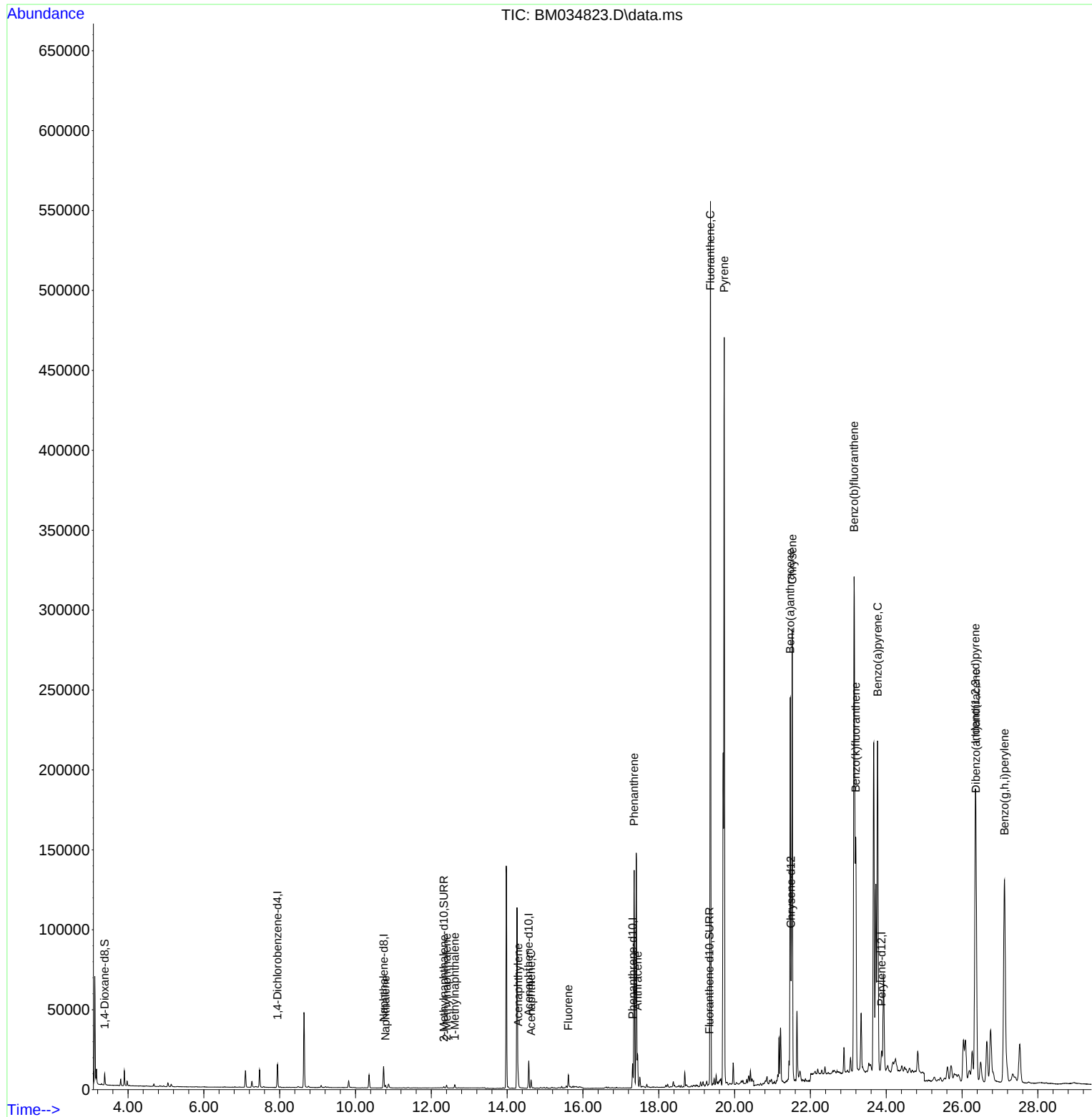
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034823.D
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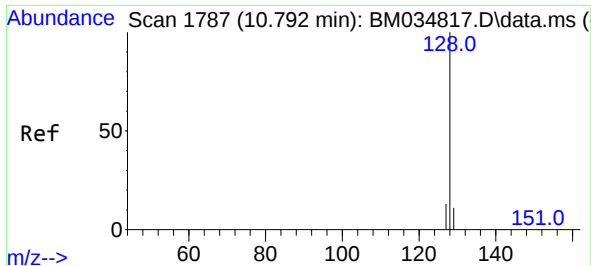
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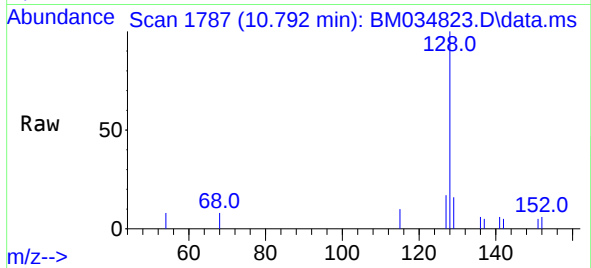
Quant Time: Apr 26 06:47:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

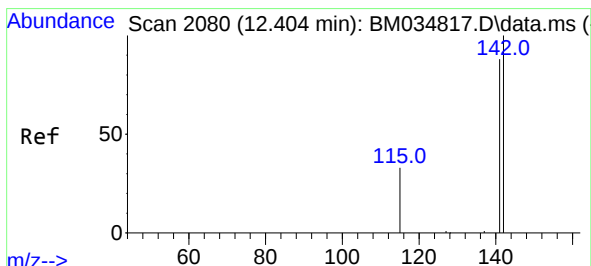
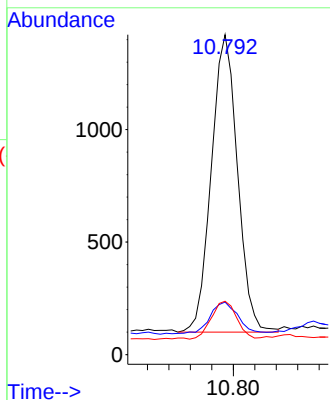
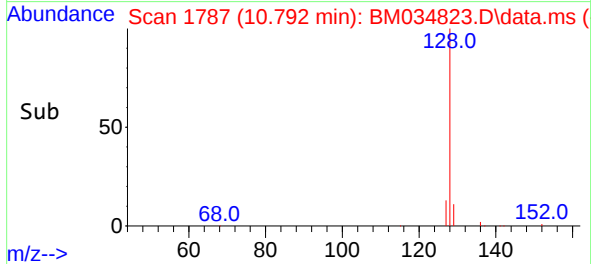
Instrument :
BNA_M
ClientSampleId :
BFFE3DL



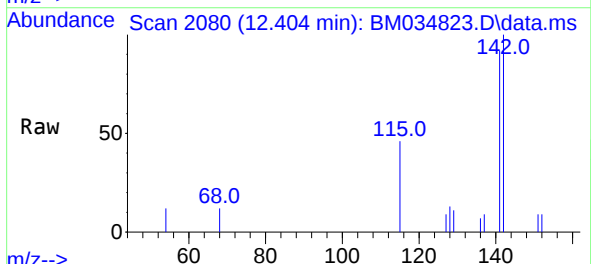
Tgt Ion:128 Resp: 2240
Ion Ratio Lower Upper
128 100
129 16.5 13.4 20.2
127 16.7 15.2 22.8

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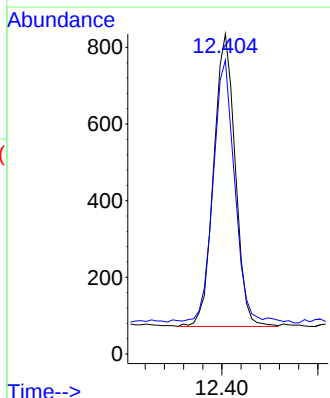
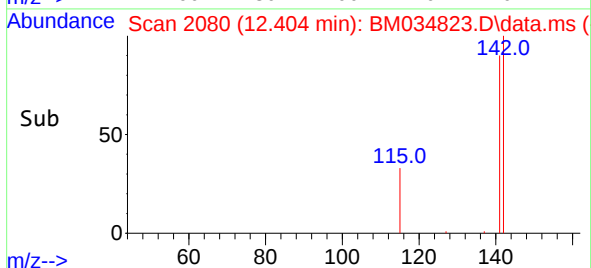
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

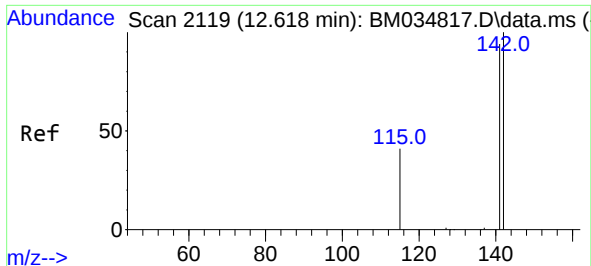


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10



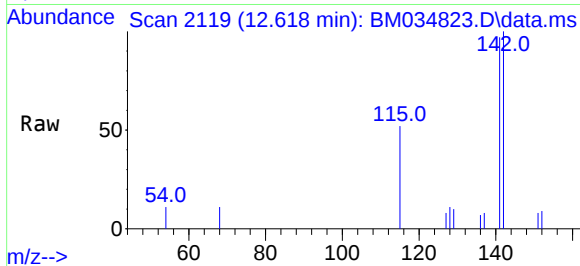
Tgt Ion:142 Resp: 1186
Ion Ratio Lower Upper
142 100
141 91.3 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

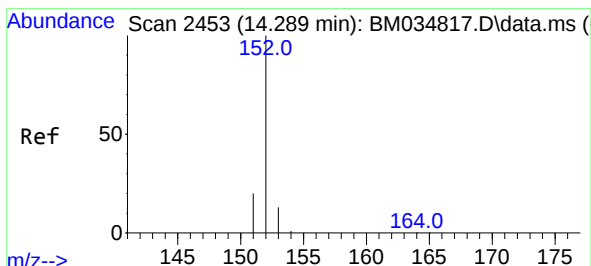
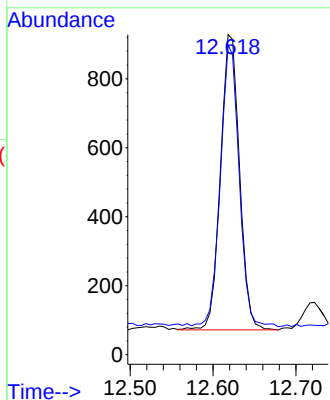
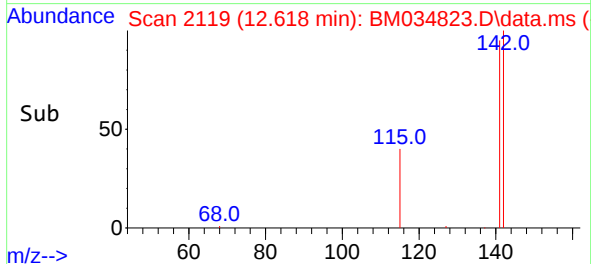
Instrument :
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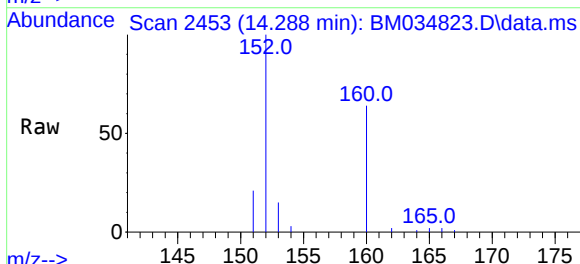
Tgt Ion:142 Resp: 1360
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4

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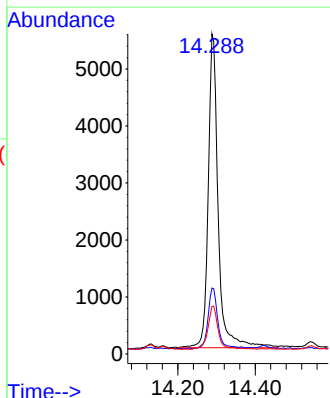
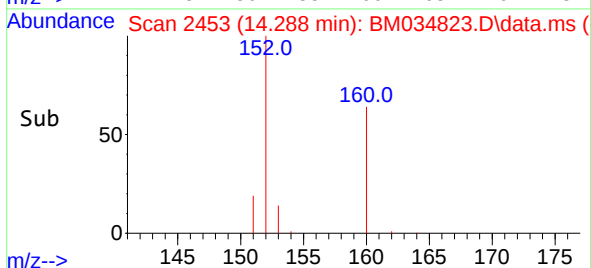
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

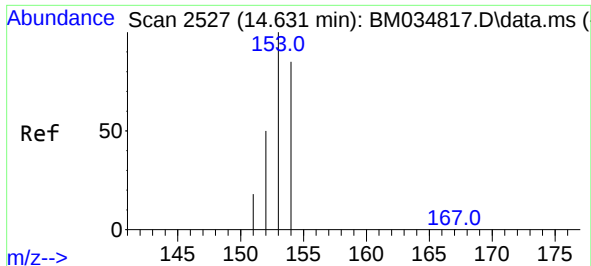


#10
Acenaphthylene
Concen: 0.245 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10



Tgt Ion:152 Resp: 9824
Ion Ratio Lower Upper
152 100
151 20.6 19.9 29.9
153 14.9 15.0 22.4





#11
Acenaphthene
Concen: 0.085 ng/u1
RT: 14.630 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

Instrument :

BNA_M

ClientSampleId :

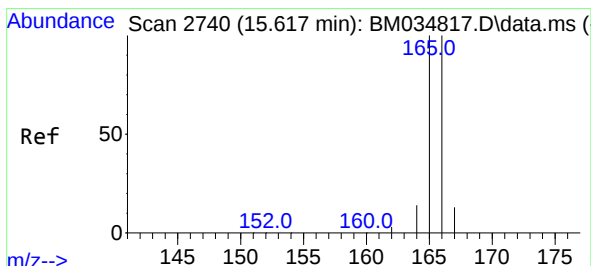
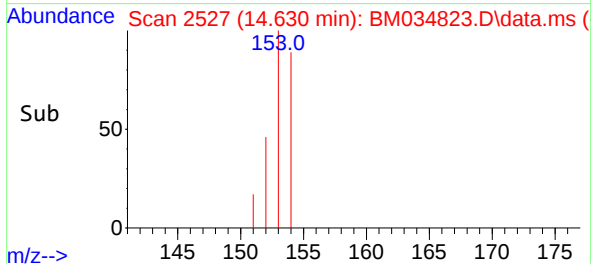
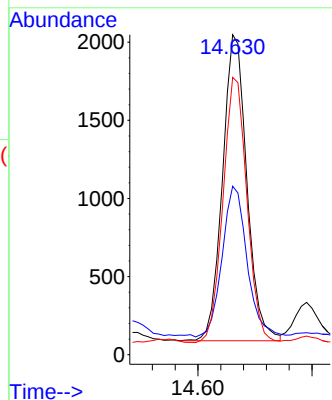
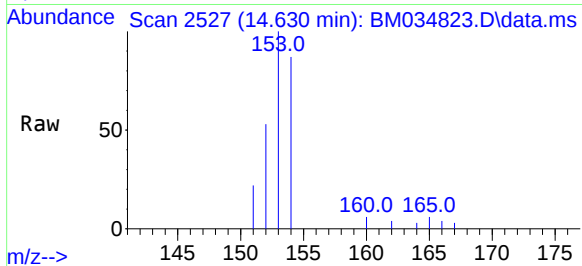
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Tgt Ion:153 Resp: 2898
Ion Ratio Lower Upper
153 100
152 52.7 42.4 63.6
154 86.7 66.2 99.2

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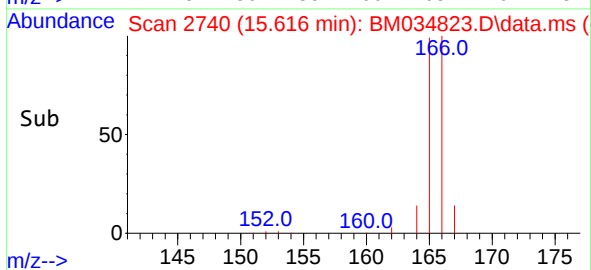
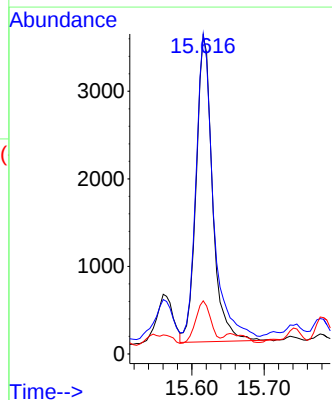
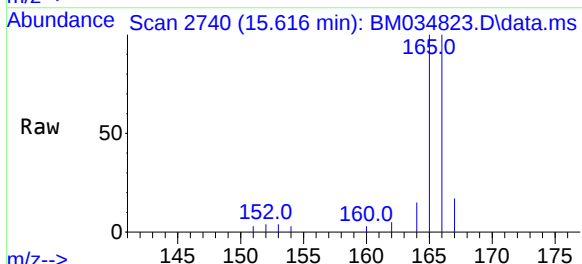
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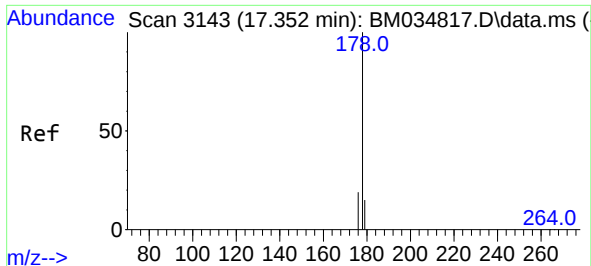
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#12
Fluorene
Concen: 0.144 ng/u1
RT: 15.616 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

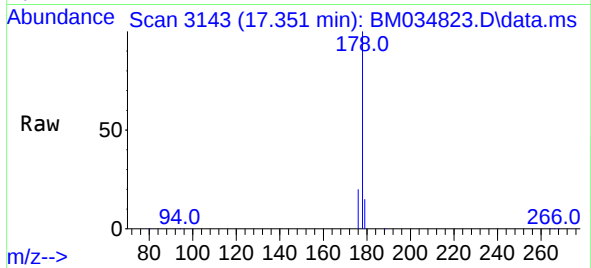
Tgt Ion:166 Resp: 5505
Ion Ratio Lower Upper
166 100
165 100.5 81.1 121.7
167 16.7 14.9 22.3





#15
Phenanthrene
Concen: 2.388 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

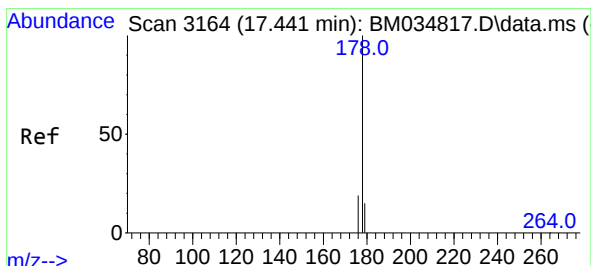
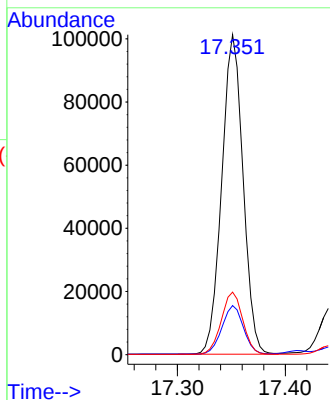
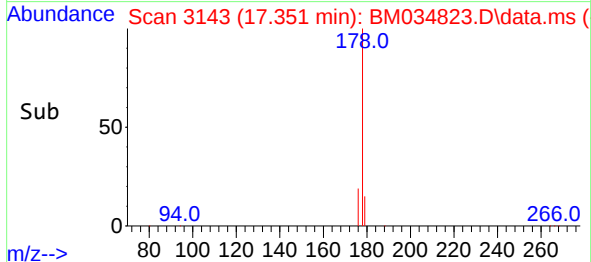
Instrument :
BNA_M
ClientSampleId :
BFFE3DL



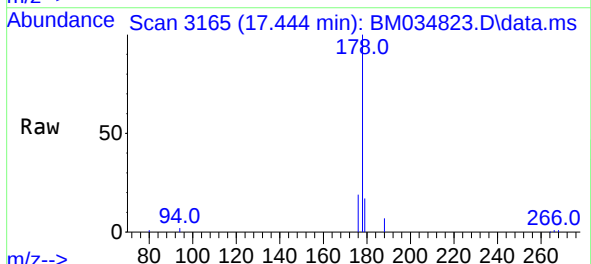
Tgt Ion:178 Resp: 138858
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9

Manual Integrations
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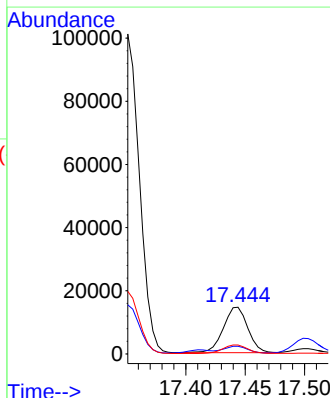
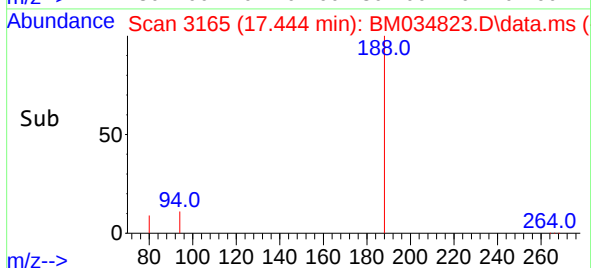
Reviewed By :Jagrut Upadhyay 04/26/2022
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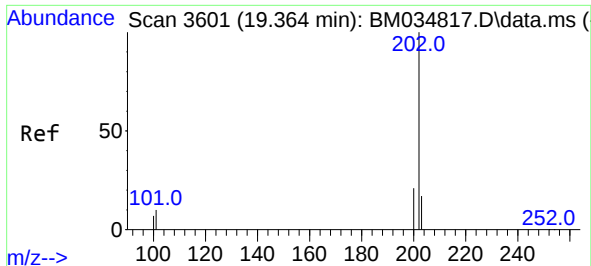


#16
Anthracene
Concen: 0.398 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10



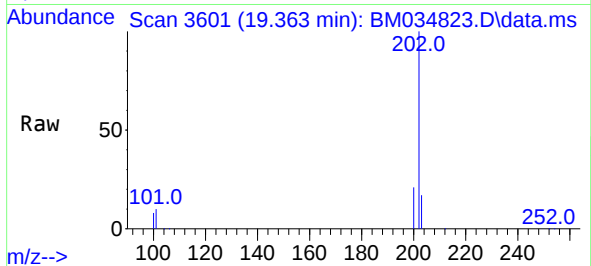
Tgt Ion:178 Resp: 20616
Ion Ratio Lower Upper
178 100
179 16.5 16.5 24.7
176 19.1 18.3 27.5





#19
Fluoranthene
Concen: 6.645 ng/u1
RT: 19.363 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

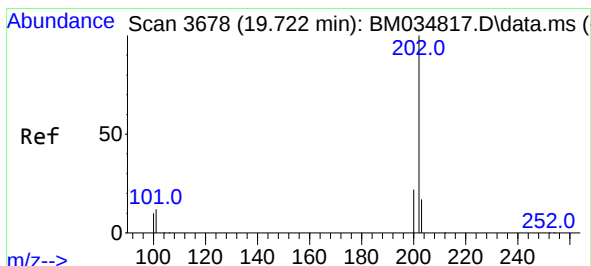
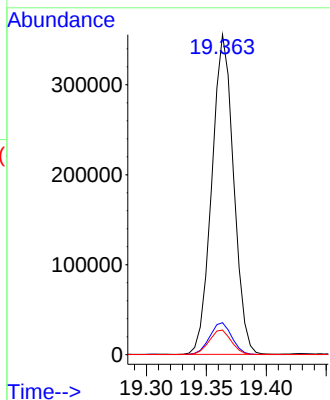
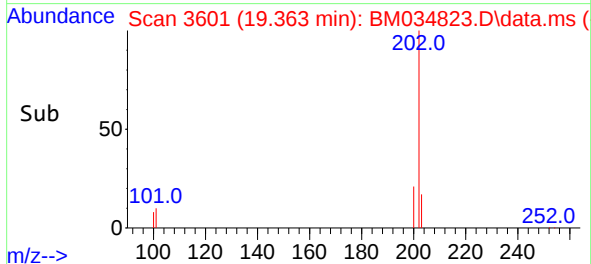
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 449914
Ion Ratio Lower Upper
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101 10.0 9.2 13.8
100 7.7 7.2 10.8

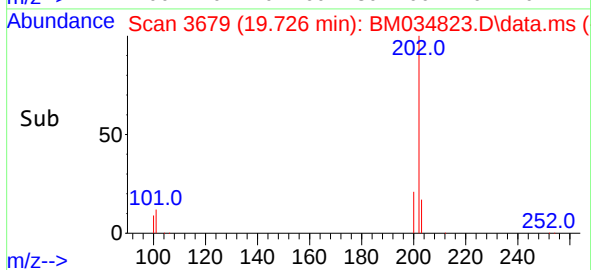
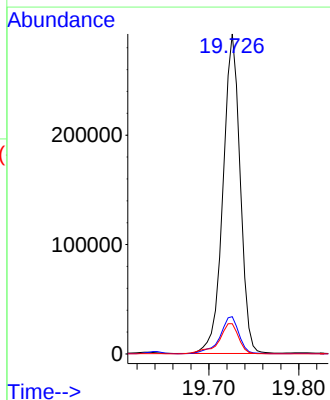
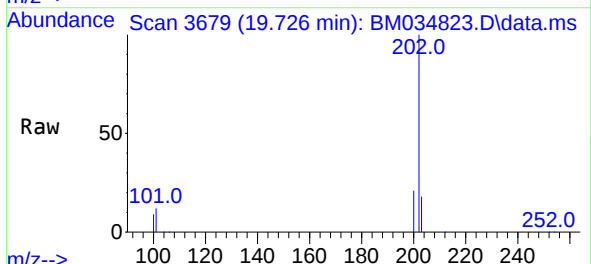
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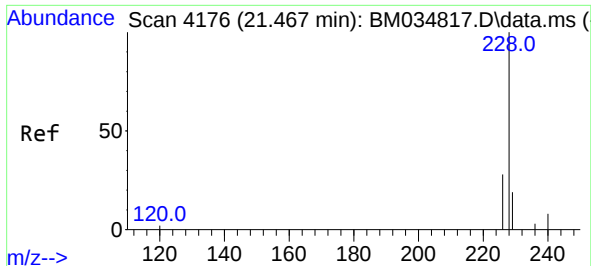
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#20
Pyrene
Concen: 5.678 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

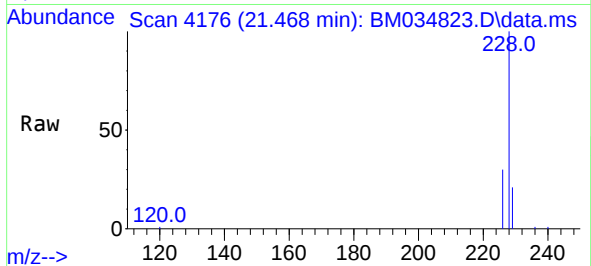
Tgt Ion:202 Resp: 386095
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 9.4 7.8 11.6





#21
Benzo(a)anthracene
Concen: 3.608 ng/u1
RT: 21.468 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

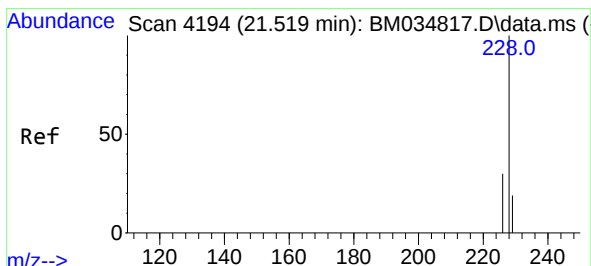
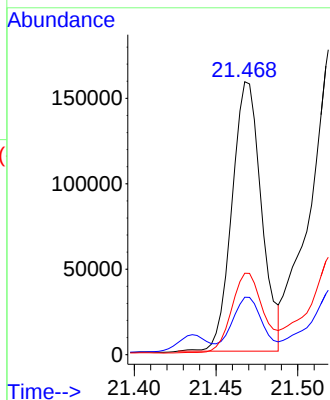
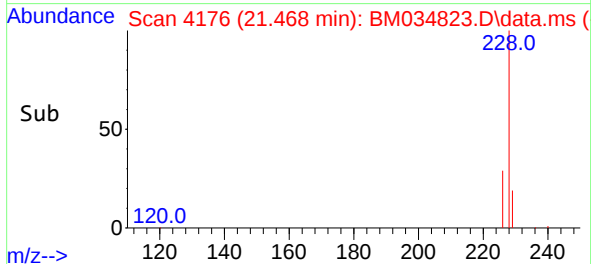
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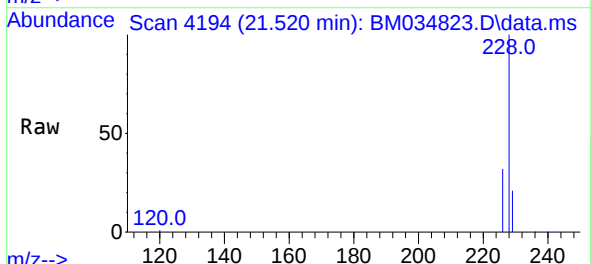
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Ion Ratio Lower Upper
228 100
229 21.0 17.3 25.9
226 29.8 23.2 34.8

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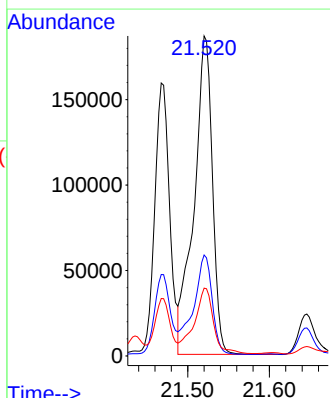
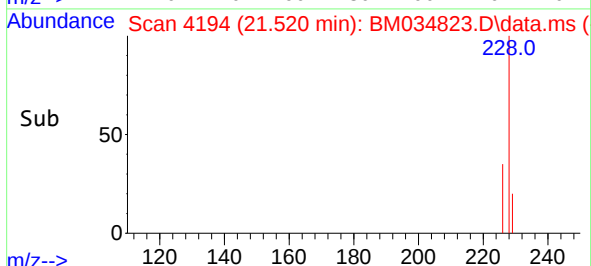
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

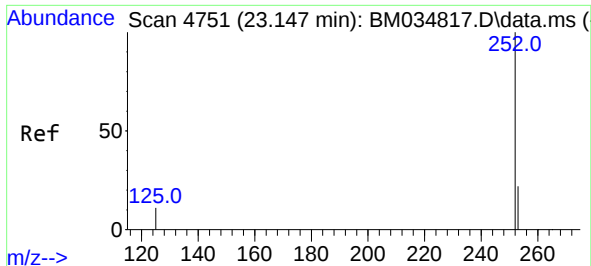


#22
Chrysene
Concen: 4.988 ng/u1
RT: 21.520 min Scan# 4194
Delta R.T. -0.004 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10



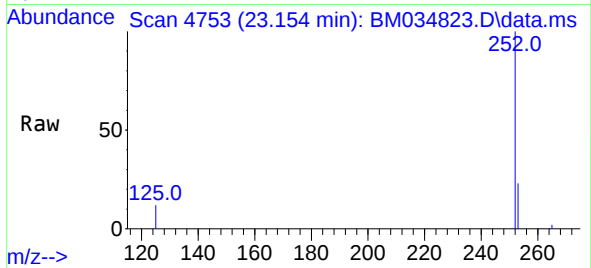
Tgt Ion:228 Resp: 291757
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 21.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 6.975 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

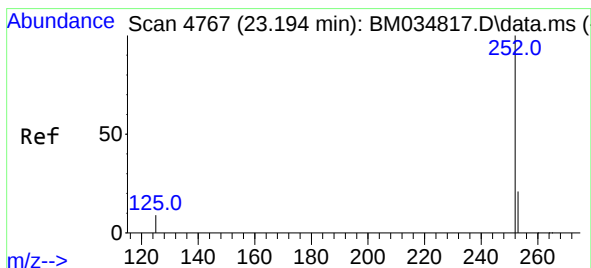
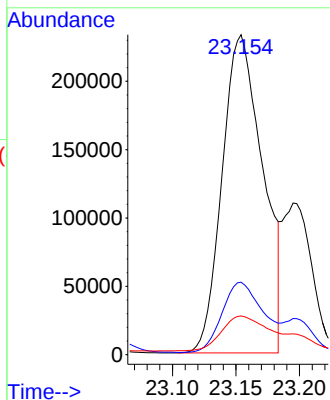
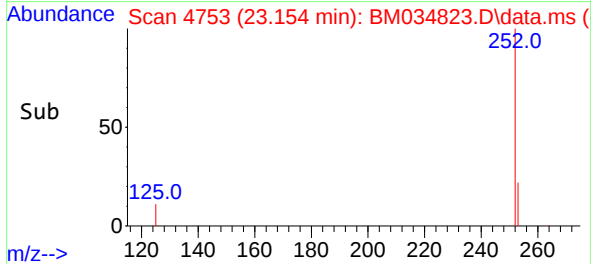
Instrument :
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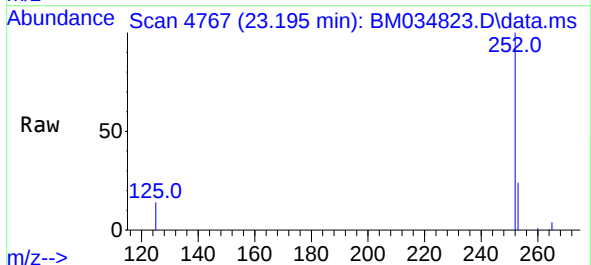
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Ion Ratio Lower Upper
252 100
253 22.7 0.0 64.2
125 12.1 0.0 28.8

Manual Integrations
APPROVED

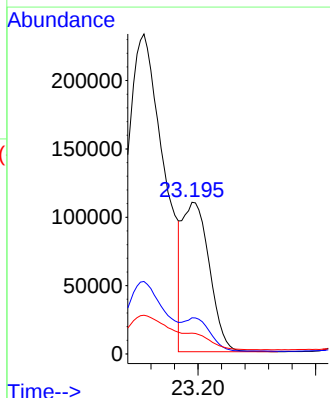
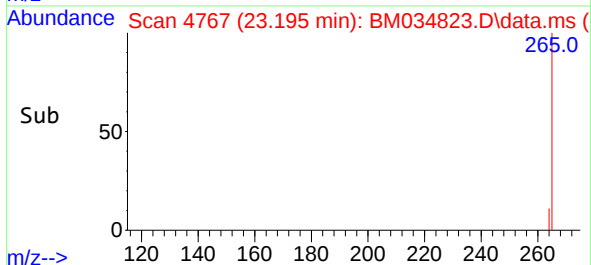
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

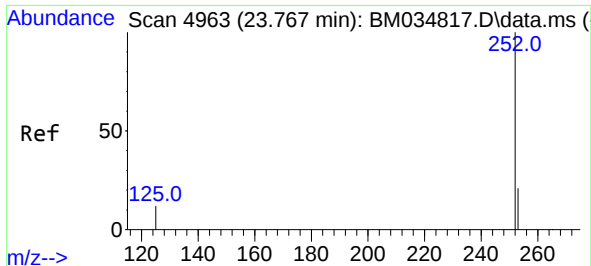


#25
Benzo(k)fluoranthene
Concen: 2.351 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. -0.007 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10



Tgt Ion:252 Resp: 174560
Ion Ratio Lower Upper
252 100
253 23.8 26.8 40.2#
125 13.7 12.0 18.0





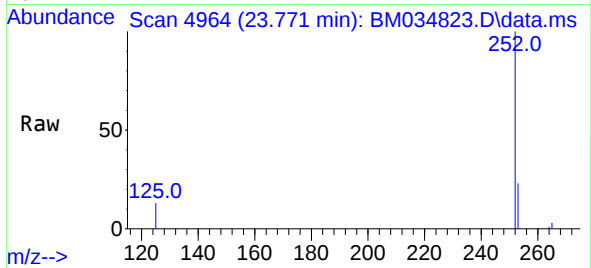
#26
Benzo(a)pyrene
Concen: 5.092 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. -0.004 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

Instrument :

BNM_M

ClientSampleId :

BFFE3DL

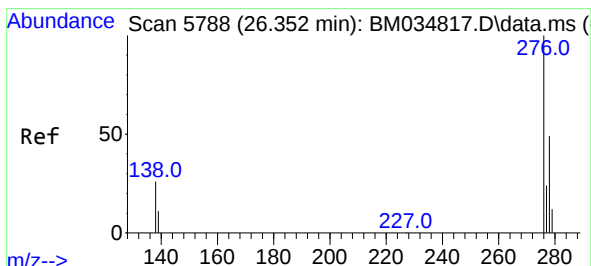
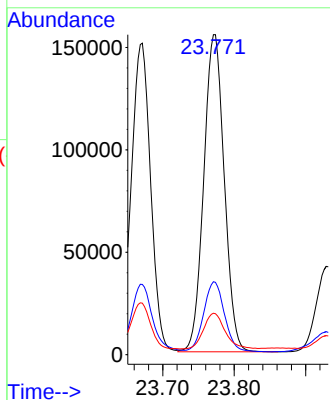
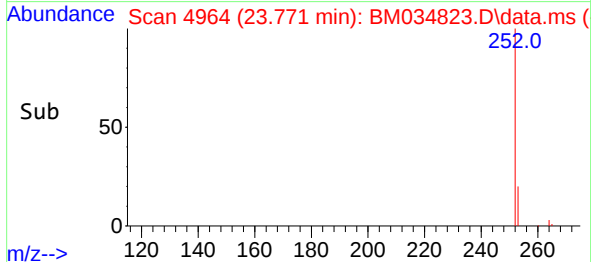


Tgt Ion:252 Resp: 308802
Ion Ratio Lower Upper
252 100
253 22.8 32.0 48.0
125 13.0 14.5 21.7

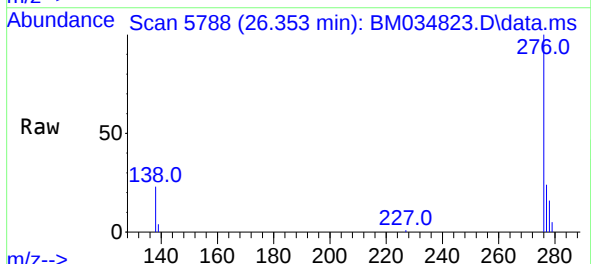
Manual Integrations

APPROVED

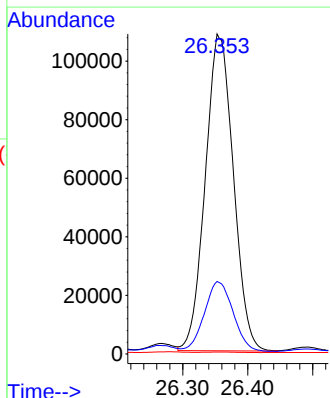
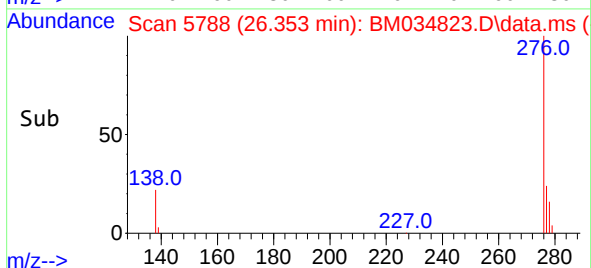
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

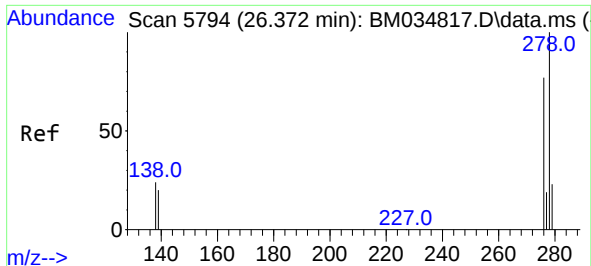


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.813 ng/ul
RT: 26.353 min Scan# 5788
Delta R.T. -0.008 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10



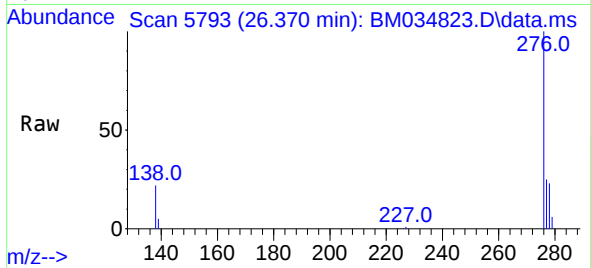
Tgt Ion:276 Resp: 324646
Ion Ratio Lower Upper
276 100
138 22.5 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.020 ng/ul m
RT: 26.370 min Scan# 5794
Delta R.T. -0.015 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10

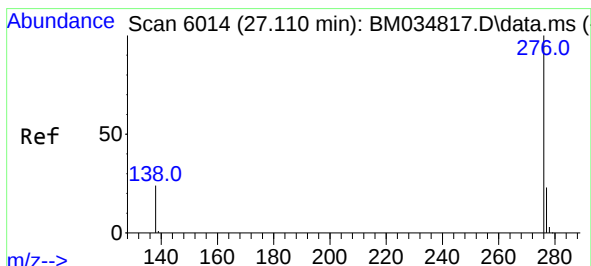
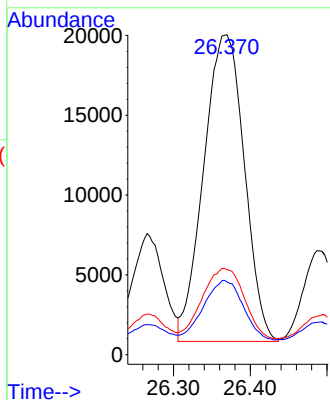
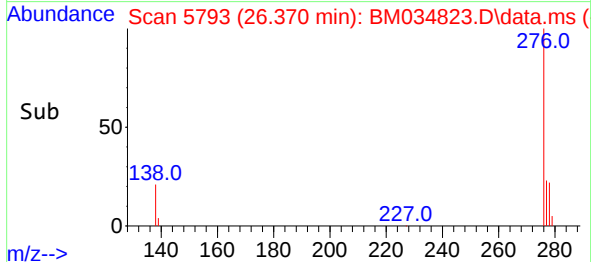
Instrument :
BNA_M
ClientSampleId :
BFFE3DL



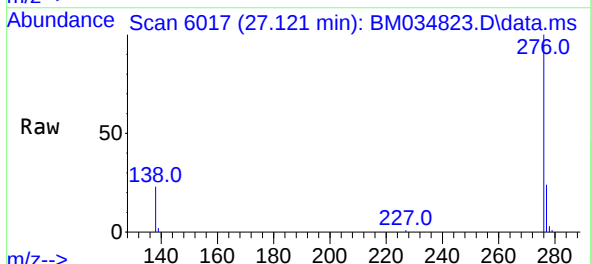
Tgt Ion:278 Resp: 7064
Ion Ratio Lower Upper
278 100
139 22.8 18.0 27.0
279 26.6 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.909 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. 0.002 min
Lab File: BM034823.D
Acq: 26 Apr 2022 06:10



Tgt Ion:276 Resp: 287331
Ion Ratio Lower Upper
276 100
138 23.3 17.4 26.0
277 23.9 22.6 33.8

