

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034824.D
 Acq On : 26 Apr 2022 06:45
 Operator : CG/JU
 Sample : N2374-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE4

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 07:26:36 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	6106	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	15490	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	8327	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	16278	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.487	240	13078	0.400	ng/ul	# 0.00
23) Perylene-d12	23.878	264	13726	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	16893	2.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	3886	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	9723	0.236	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	6789	0.153	ng/ul#	90
7) 2-Methylnaphthalene	12.404	142	2928	0.100	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	2272	0.079	ng/ul	99
10) Acenaphthylene	14.289	152	8765	0.241	ng/ul	93
11) Acenaphthene	14.631	153	5377	0.175	ng/ul	95
12) Fluorene	15.617	166	9421	0.272	ng/ul	97
15) Phenanthrene	17.352	178	141025	2.621	ng/ul	93
16) Anthracene	17.441	178	27289	0.569	ng/ul#	92
19) Fluoranthene	19.364	202	303318	4.831	ng/ul	96
20) Pyrene	19.727	202	276100	4.379	ng/ul	99
21) Benzo(a)anthracene	21.470	228	153326	3.014	ng/ul	99
22) Chrysene	21.522	228	201869	3.721	ng/ul	99
24) Benzo(b)fluoranthene	23.153	252	358015	5.713	ng/ul	87
25) Benzo(k)fluoranthene	23.197	252	114679m	1.831	ng/ul	
26) Benzo(a)pyrene	23.773	252	222499	4.350	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.355	276	219397	3.056	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.366	278	48479m	0.830	ng/ul	
29) Benzo(g,h,i)perylene	27.120	276	201027	3.243	ng/ul	94

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

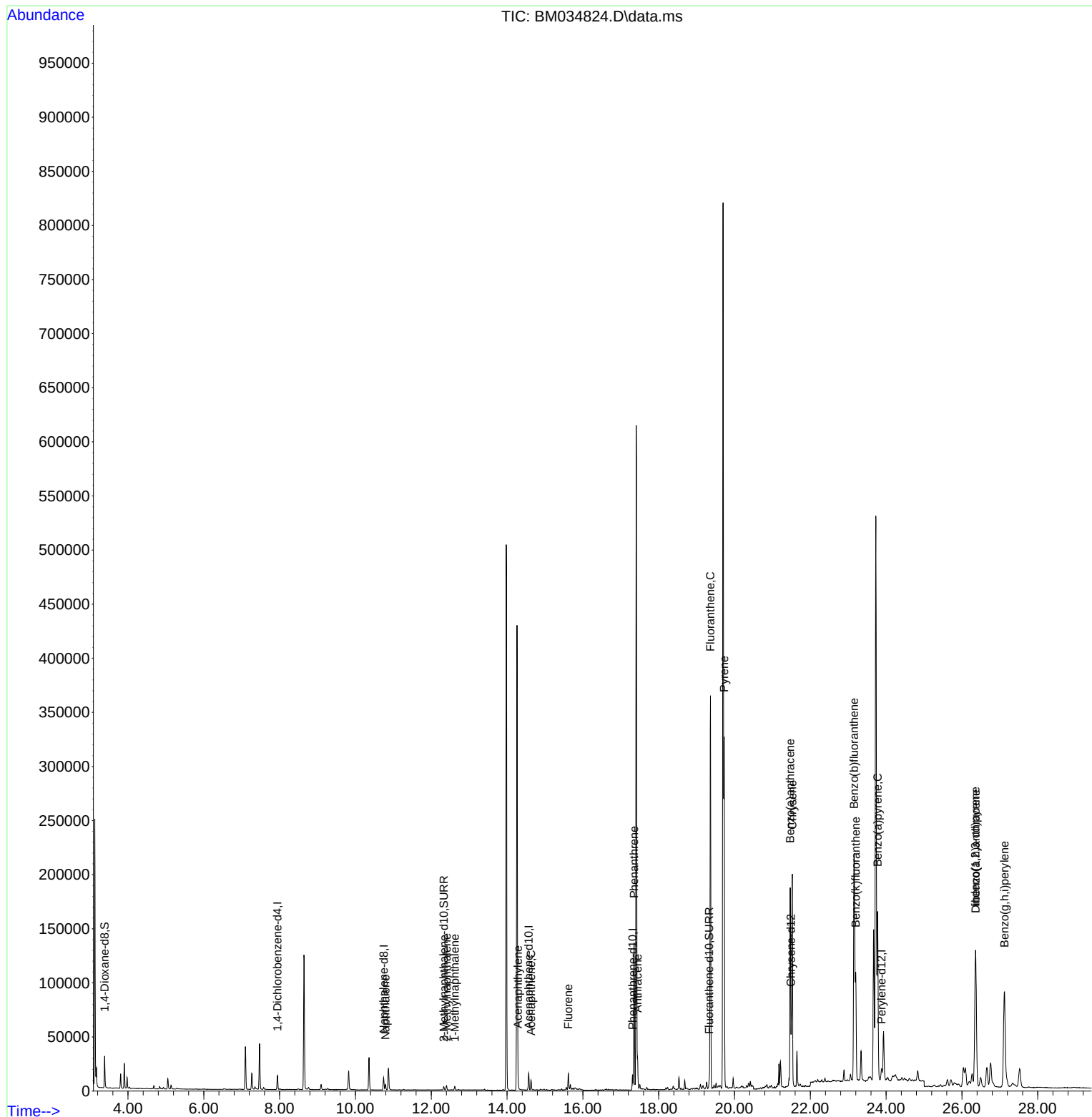
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034824.D
Acq On : 26 Apr 2022 06:45
Operator : CG/JU
Sample : N2374-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

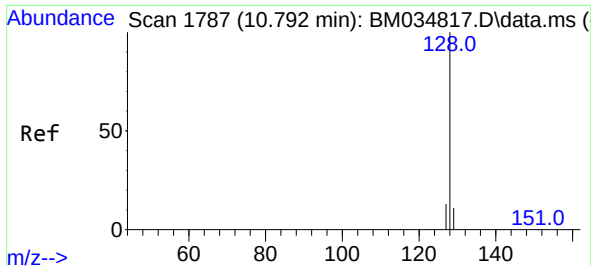
Instrument :
BNA_M
ClientSampleId :
BFFE4

Manual Integrations
APPROVED

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

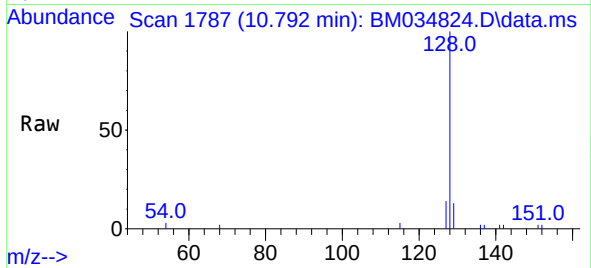
Quant Time: Apr 26 07:26:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

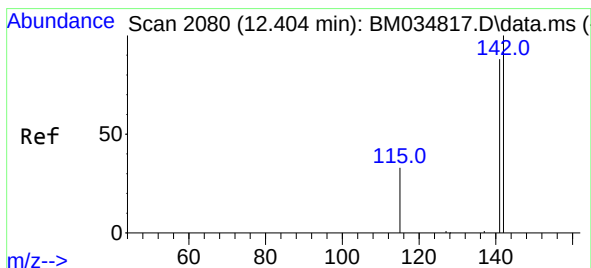
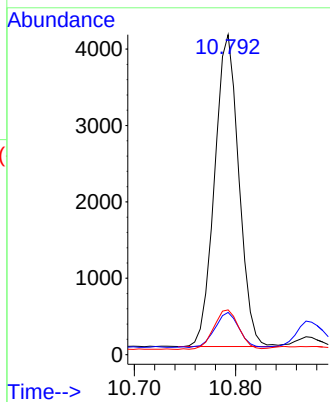
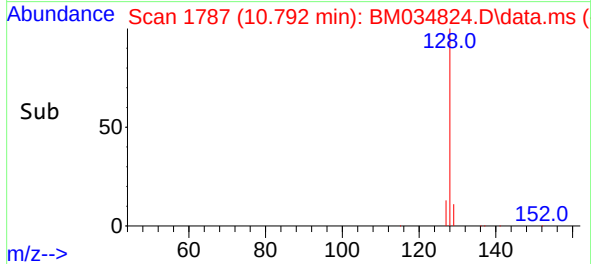
Instrument :
BNA_M
ClientSampleId :
BFFE4



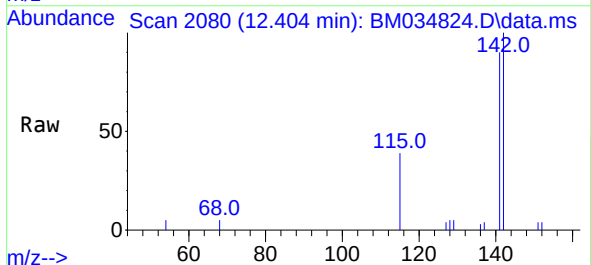
Tgt Ion:128 Resp: 6789
Ion Ratio Lower Upper
128 100
129 13.2 13.4 20.2
127 14.0 15.2 22.8

Manual Integrations
APPROVED

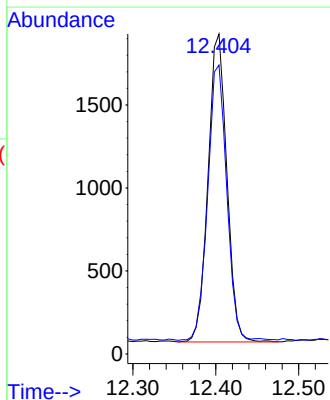
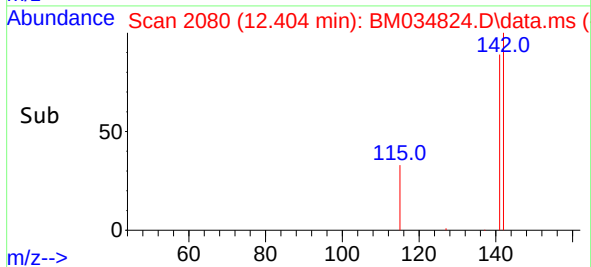
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

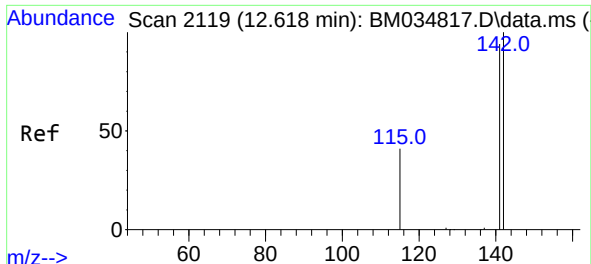


#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



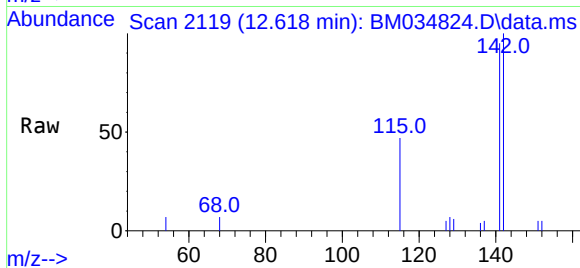
Tgt Ion:142 Resp: 2928
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

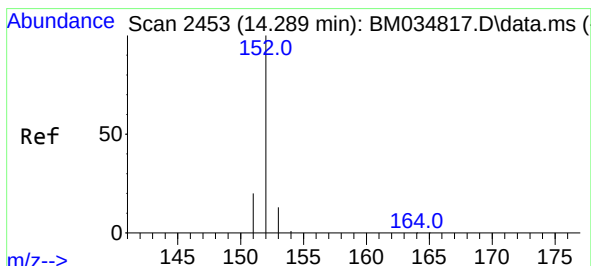
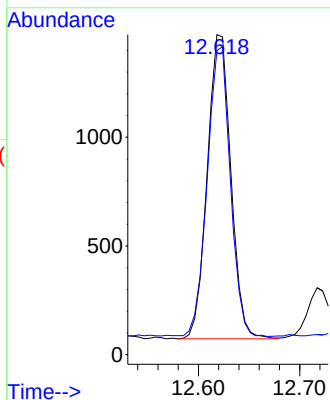
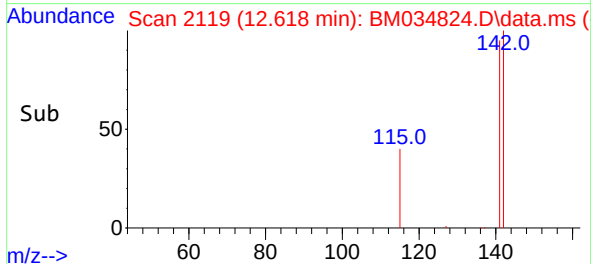
Instrument :
BNA_M
ClientSampleId :
BFFE4



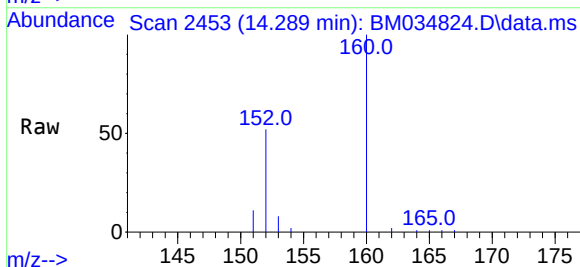
Tgt Ion:142 Resp: 2272
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

Manual Integrations
APPROVED

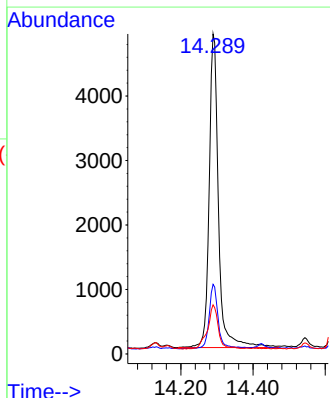
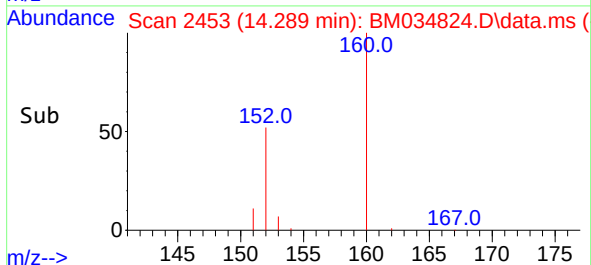
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

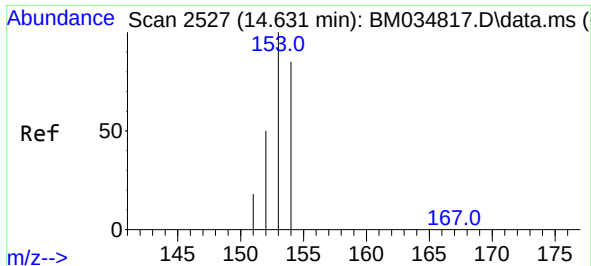


#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



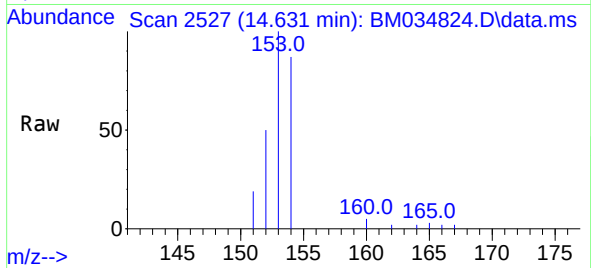
Tgt Ion:152 Resp: 8765
Ion Ratio Lower Upper
152 100
151 21.8 19.9 29.9
153 15.4 15.0 22.4





#11
Acenaphthene
Concen: 0.175 ng/ul
RT: 14.631 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

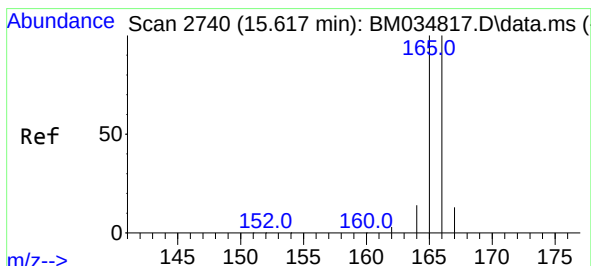
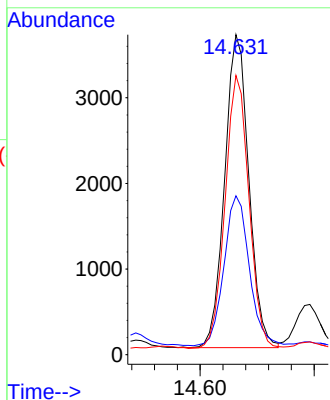
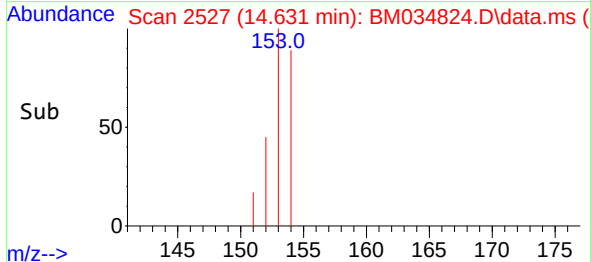
Instrument :
BNA_M
ClientSampleId :
BFFE4



Tgt Ion:153 Resp: 537
Ion Ratio Lower Upper
153 100
152 49.7 42.4 63.6
154 87.3 66.2 99.2

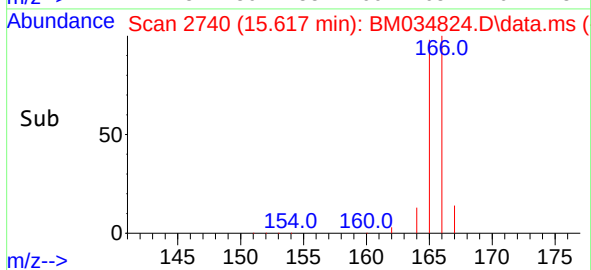
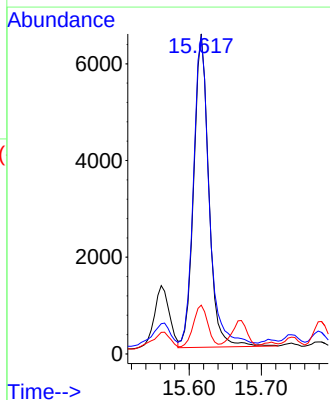
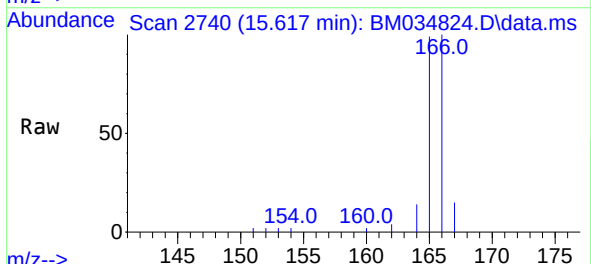
Manual Integrations
APPROVED

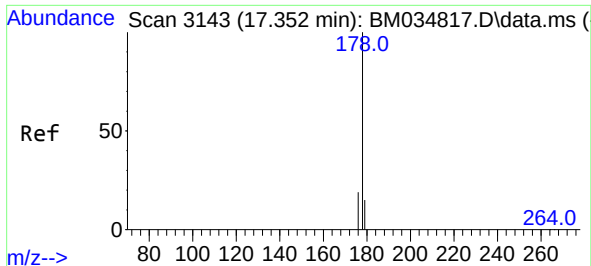
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#12
Fluorene
Concen: 0.272 ng/ul
RT: 15.617 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

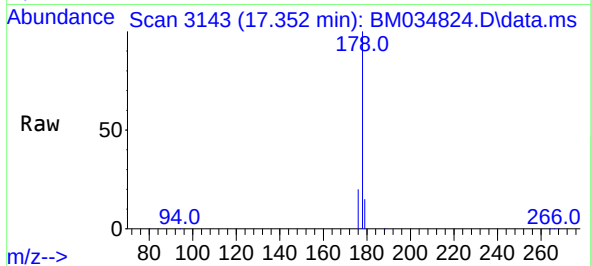
Tgt Ion:166 Resp: 9421
Ion Ratio Lower Upper
166 100
165 99.0 81.1 121.7
167 15.2 14.9 22.3





#15
Phenanthrene
Concen: 2.621 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

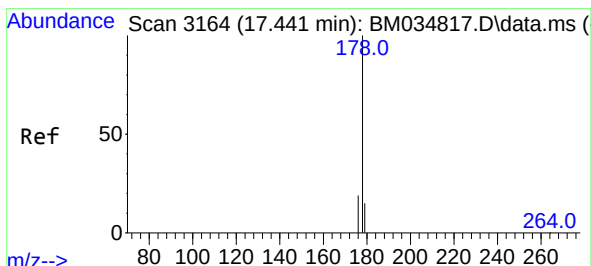
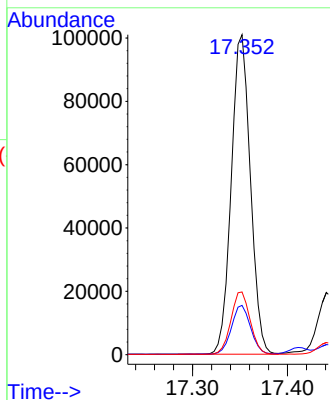
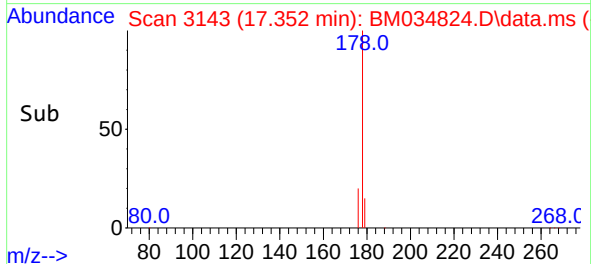
Instrument :
BNA_M
ClientSampleId :
BFFE4



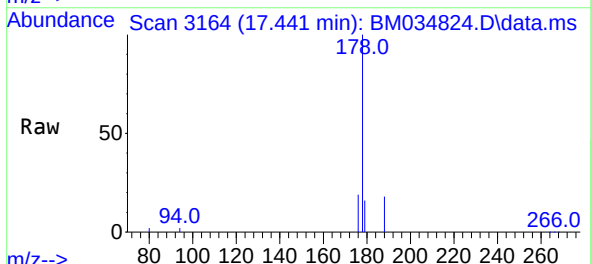
Tgt Ion:178 Resp: 141025
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9

Manual Integrations
APPROVED

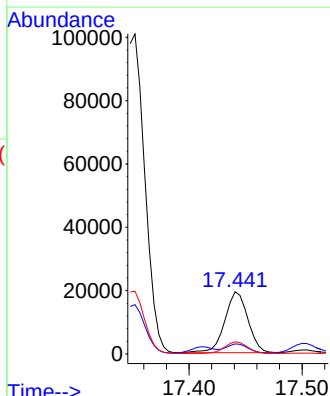
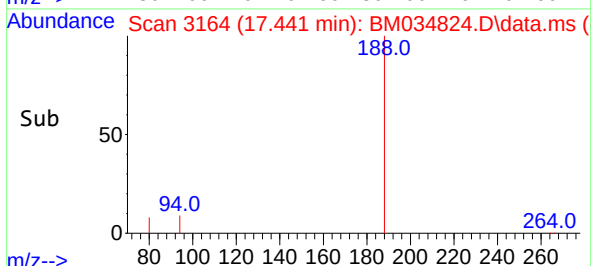
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

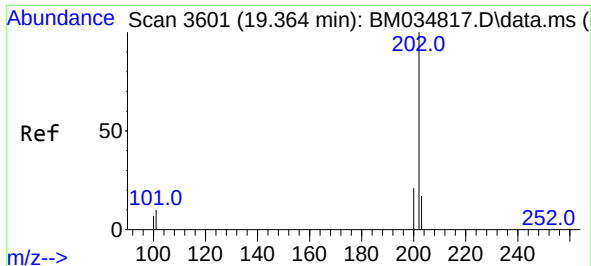


#16
Anthracene
Concen: 0.569 ng/u1
RT: 17.441 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



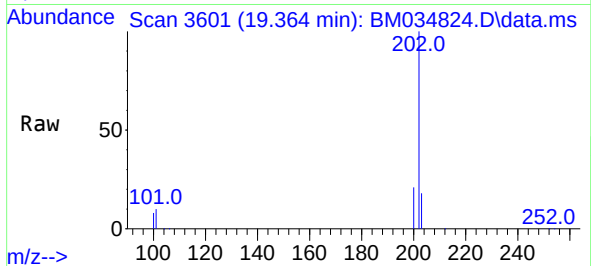
Tgt Ion:178 Resp: 27289
Ion Ratio Lower Upper
178 100
179 16.3 16.5 24.7#
176 19.5 18.3 27.5





#19
Fluoranthene
Concen: 4.831 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

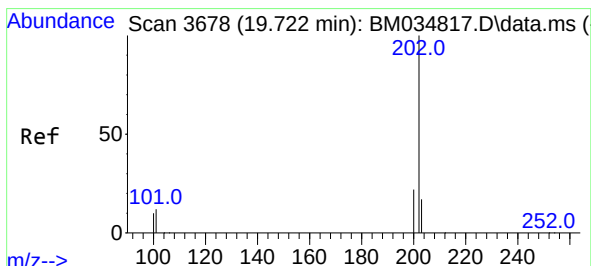
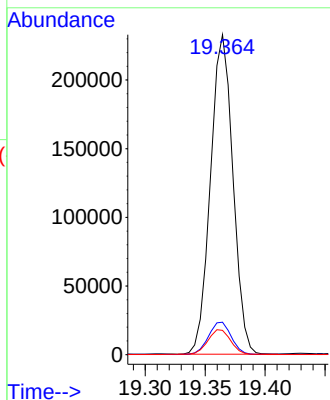
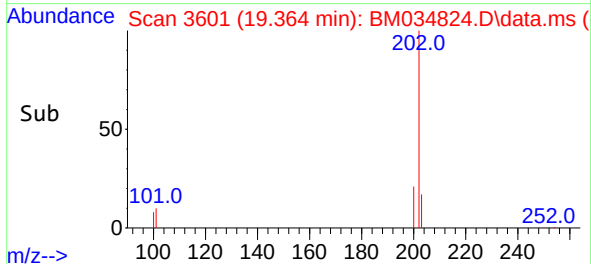
Instrument :
BNA_M
ClientSampleId :
BFFE4



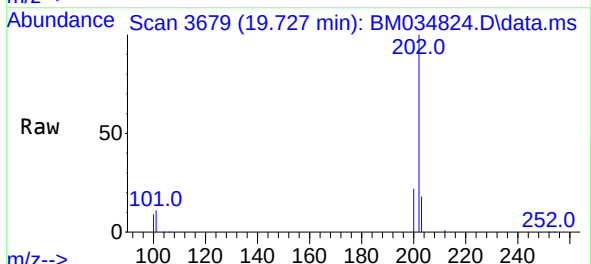
Tgt Ion:202 Resp: 303318
Ion Ratio Lower Upper
202 100
101 10.1 9.2 13.8
100 7.6 7.2 10.8

Manual Integrations
APPROVED

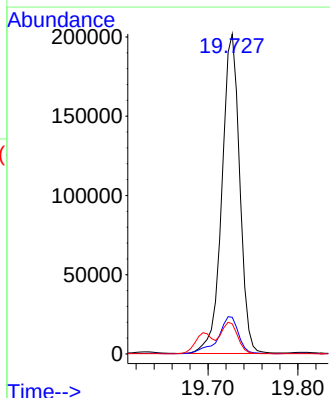
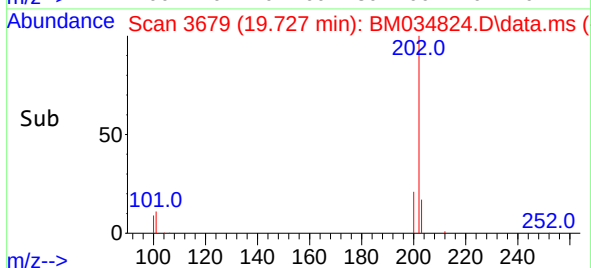
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

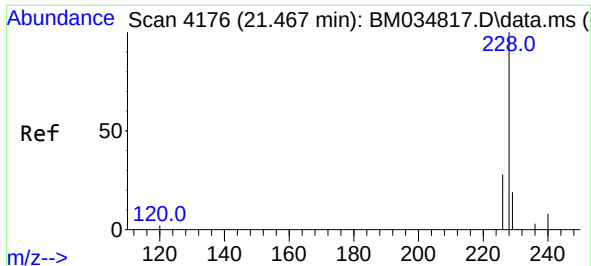


#20
Pyrene
Concen: 4.379 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



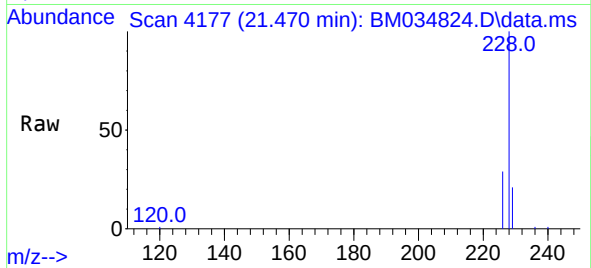
Tgt Ion:202 Resp: 276100
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 9.4 7.8 11.6





#21
Benzo(a)anthracene
Concen: 3.014 ng/u1
RT: 21.470 min Scan# 4176
Delta R.T. -0.002 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

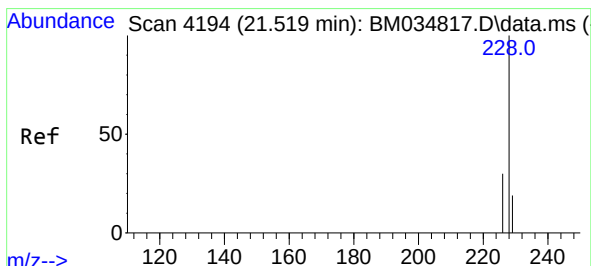
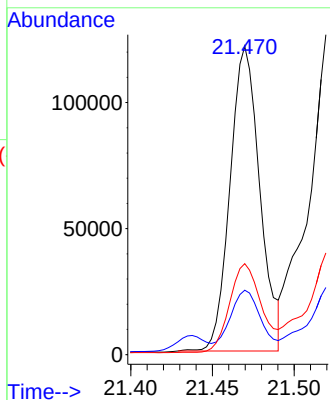
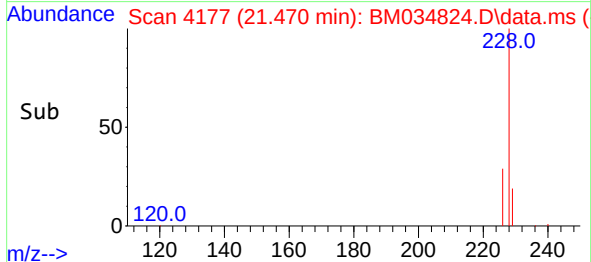
Instrument :
BNA_M
ClientSampleId :
BFFE4



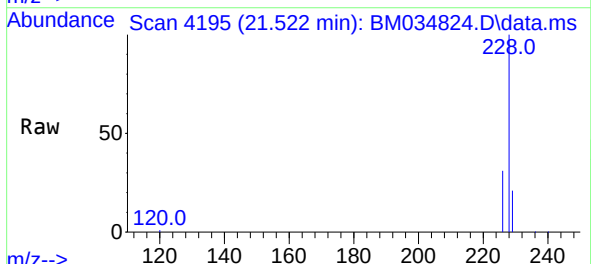
Tgt Ion:228 Resp: 153320
Ion Ratio Lower Upper
228 100
229 20.9 17.3 25.9
226 29.5 23.2 34.8

Manual Integrations
APPROVED

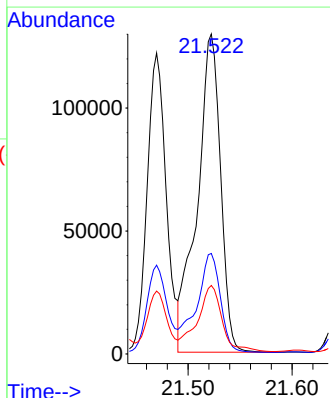
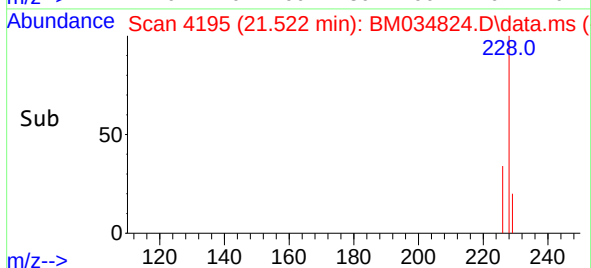
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

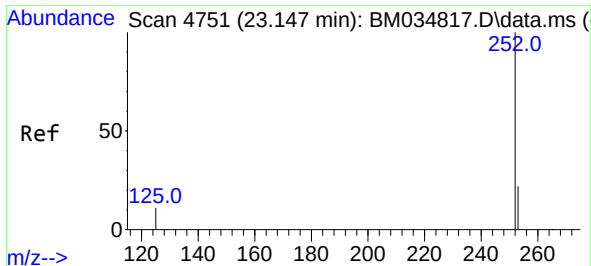


#22
Chrysene
Concen: 3.721 ng/u1
RT: 21.522 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



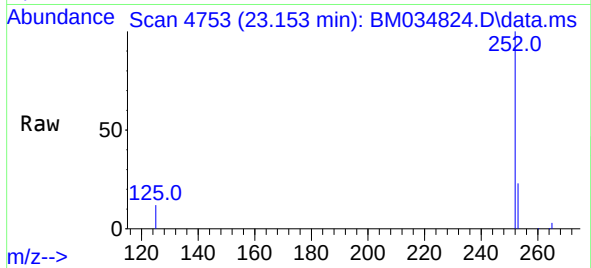
Tgt Ion:228 Resp: 201869
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 21.4 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 5.713 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. 0.001 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

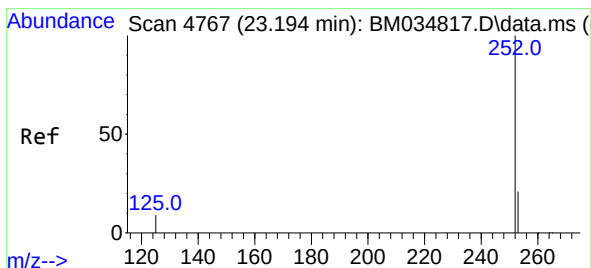
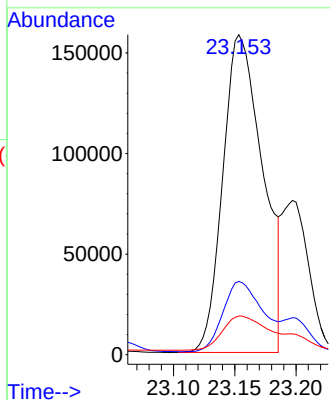
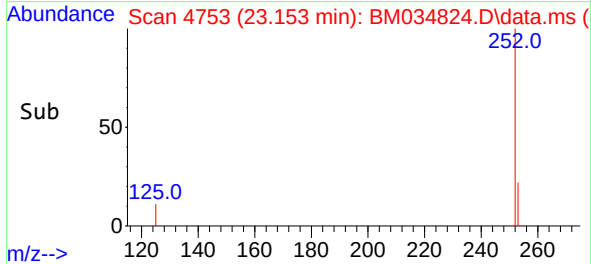
Instrument :
BNA_M
ClientSampleId :
BFFE4



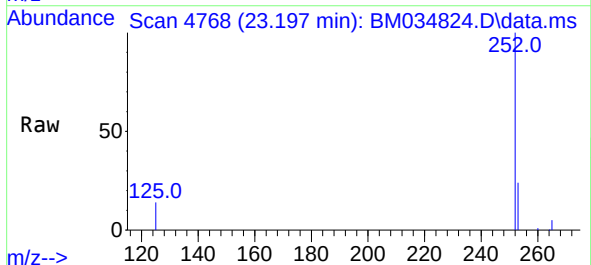
Tgt Ion:252 Resp: 358015
Ion Ratio Lower Upper
252 100
253 22.9 0.0 64.2
125 12.1 0.0 28.8

Manual Integrations
APPROVED

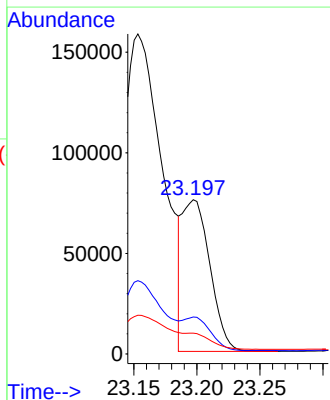
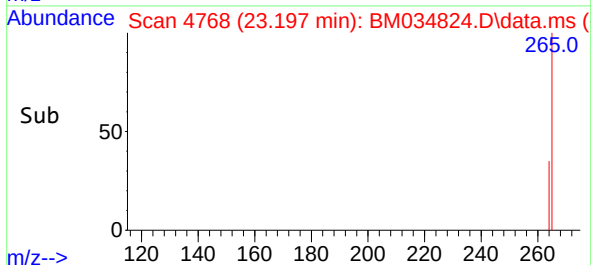
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

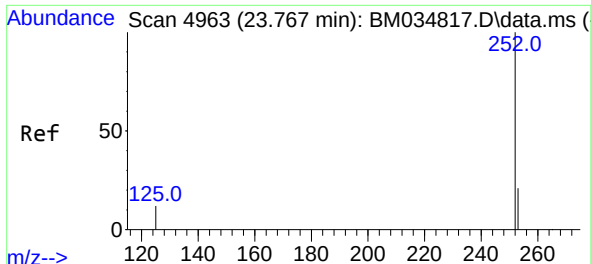


#25
Benzo(k)fluoranthene
Concen: 1.831 ng/ul m
RT: 23.197 min Scan# 4768
Delta R.T. -0.005 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



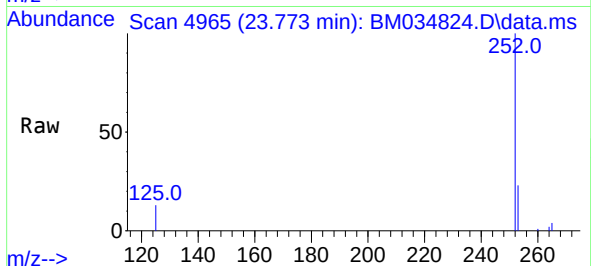
Tgt Ion:252 Resp: 114679
Ion Ratio Lower Upper
252 100
253 24.0 26.8 40.2#
125 13.5 12.0 18.0





#26
Benzo(a)pyrene
Concen: 4.350 ng/ul
RT: 23.773 min Scan# 4965
Delta R.T. -0.002 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

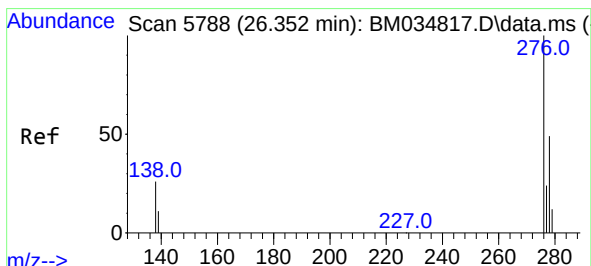
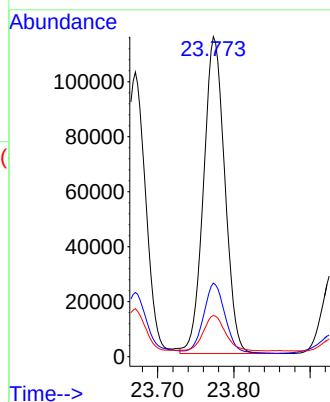
Instrument :
BNA_M
ClientSampleId :
BFFE4



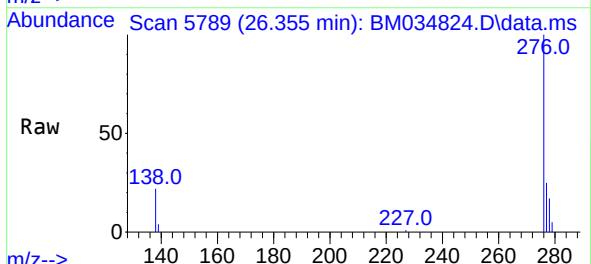
Tgt Ion:252 Resp: 222499
Ion Ratio Lower Upper
252 100
253 23.0 32.0 48.0
125 12.9 14.5 21.7

Manual Integrations
APPROVED

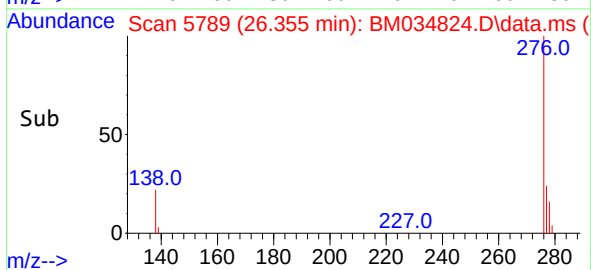
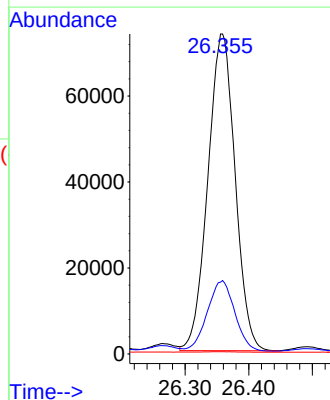
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

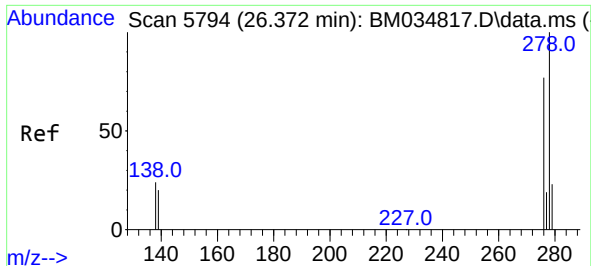


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.056 ng/ul
RT: 26.355 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



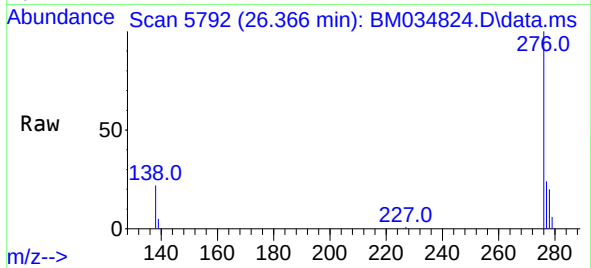
Tgt Ion:276 Resp: 219397
Ion Ratio Lower Upper
276 100
138 22.5 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.830 ng/ul m
RT: 26.366 min Scan# 5
Delta R.T. -0.019 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45

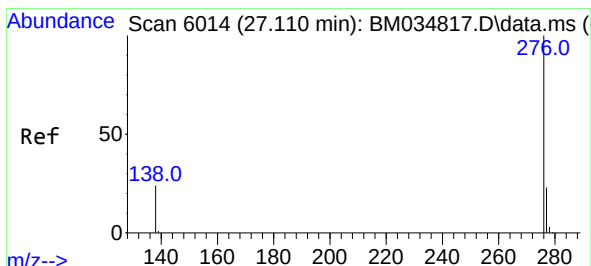
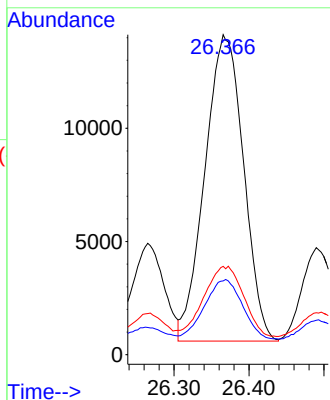
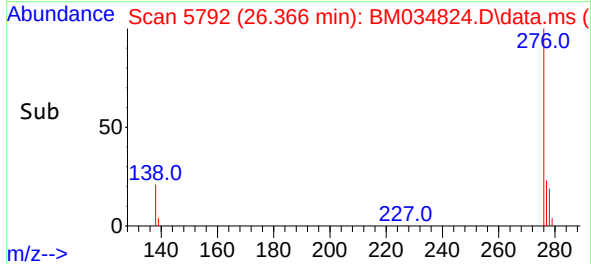
Instrument :
BNA_M
ClientSampleId :
BFFE4



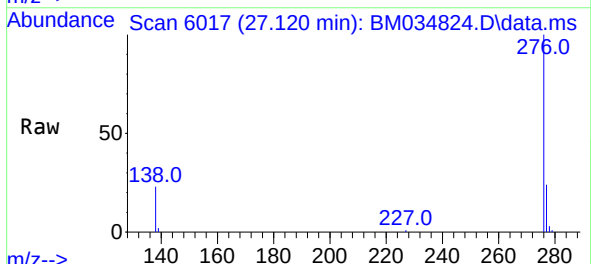
Tgt Ion:278 Resp: 48479
Ion Ratio Lower Upper
278 100
139 23.1 18.0 27.0
279 27.6 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.243 ng/ul
RT: 27.120 min Scan# 6017
Delta R.T. 0.001 min
Lab File: BM034824.D
Acq: 26 Apr 2022 06:45



Tgt Ion:276 Resp: 201027
Ion Ratio Lower Upper
276 100
138 23.3 17.4 26.0
277 23.8 22.6 33.8

