

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034827.D
 Acq On : 26 Apr 2022 08:32
 Operator : CG/JU
 Sample : N2373-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE2DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 09:07:36 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	7.942	152	7357	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	18680	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	9858	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	19407	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.487	240	15786	0.400	ng/ul	# 0.00
23) Perylene-d12	23.881	264	17363	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	2257	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	712	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	2241	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	1640	0.031	ng/ul	96
7) 2-Methylnaphthalene	12.404	142	1273	0.036	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	1203	0.034	ng/ul	99
10) Acenaphthylene	14.289	152	13532	0.314	ng/ul#	92
11) Acenaphthene	14.631	153	1437	0.039	ng/ul	98
12) Fluorene	15.617	166	3435	0.084	ng/ul	98
14) Pentachlorophenol	16.959	266	220	0.038	ng/ul	95
15) Phenanthrene	17.352	178	80692	1.258	ng/ul	94
16) Anthracene	17.441	178	14730	0.258	ng/ul	94
19) Fluoranthene	19.364	202	191130	2.522	ng/ul	96
20) Pyrene	19.727	202	204735	2.690	ng/ul	99
21) Benzo(a)anthracene	21.473	228	84317	1.373	ng/ul	97
22) Chrysene	21.525	228	125359	1.915	ng/ul	98
24) Benzo(b)fluoranthene	23.153	252	180216	2.273	ng/ul	88
25) Benzo(k)fluoranthene	23.197	252	60279m	0.761	ng/ul	
26) Benzo(a)pyrene	23.776	252	110616	1.710	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.355	276	107342	1.182	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.372	278	23892	0.323	ng/ul#	91
29) Benzo(g,h,i)perylene	27.120	276	100353	1.280	ng/ul	94

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

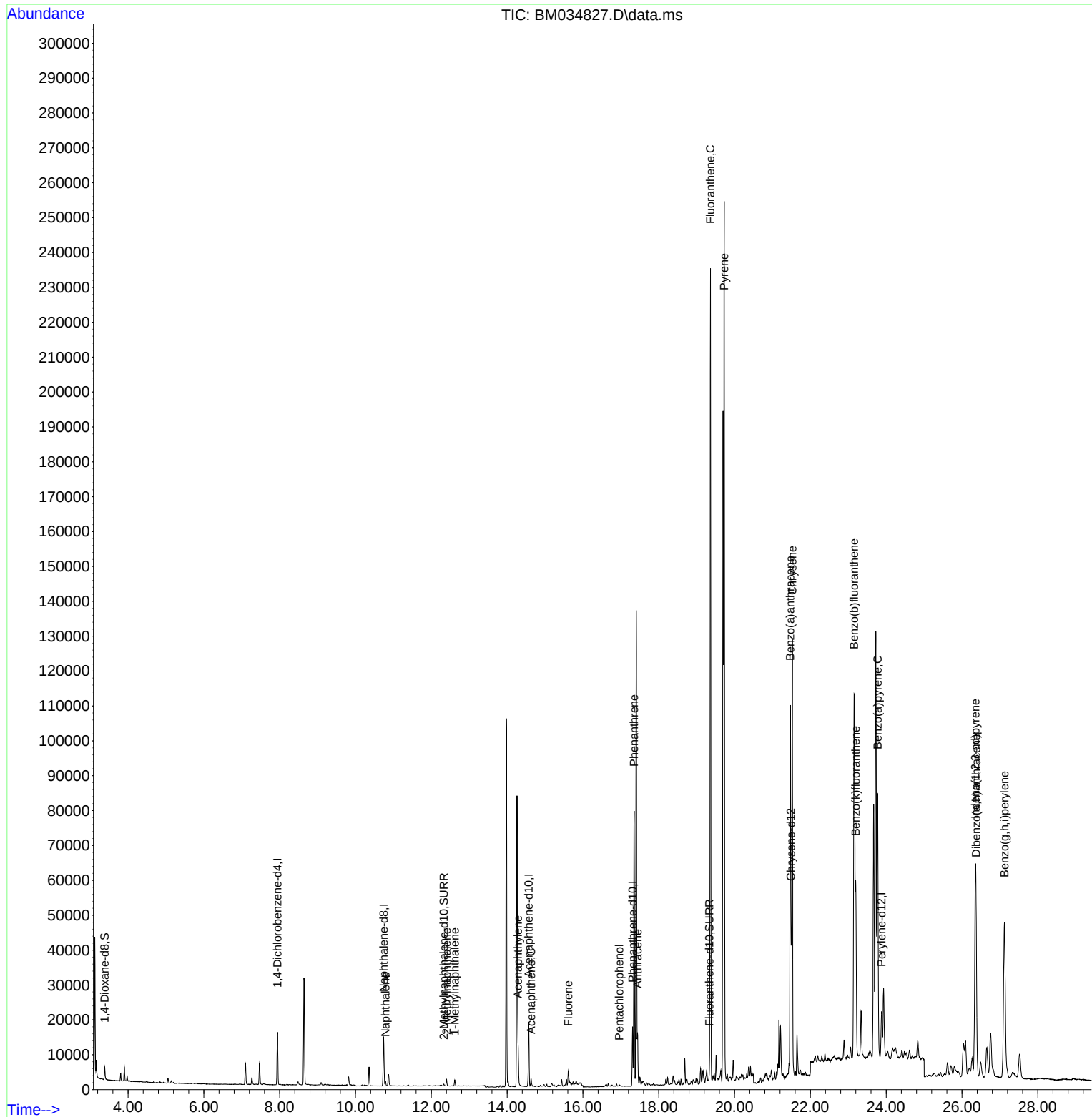
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034827.D
Acq On : 26 Apr 2022 08:32
Operator : CG/JU
Sample : N2373-09DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

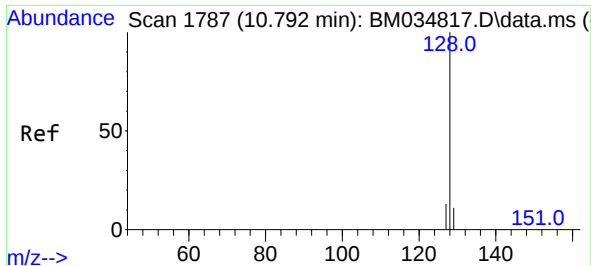
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Supervised By :Yogesh Patel 04/29/2022

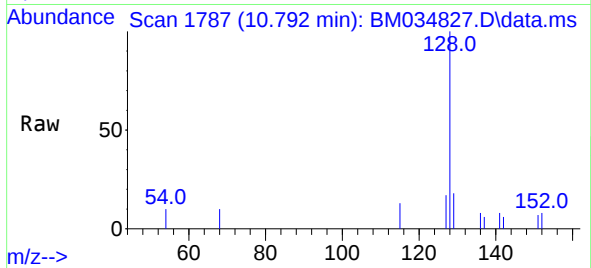
Quant Time: Apr 26 09:07:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

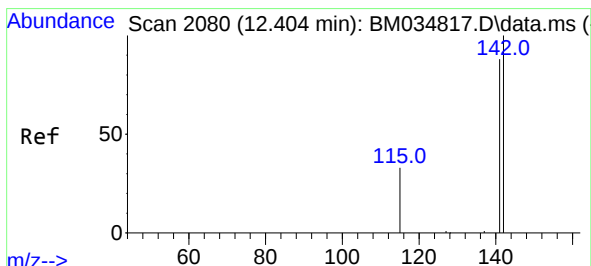
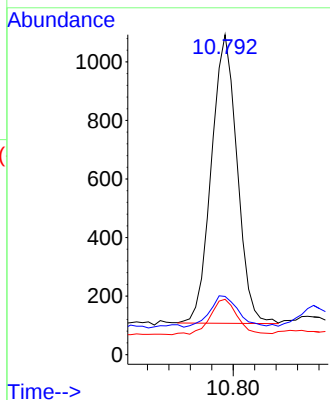
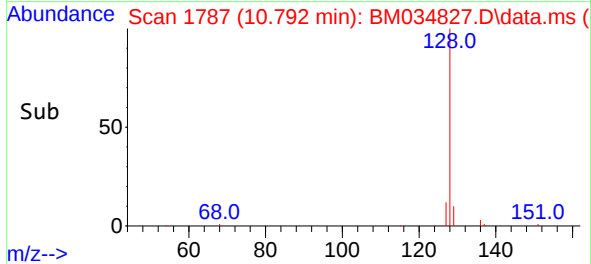
Instrument :
BNA_M
ClientSampleId :
BFFE2DL



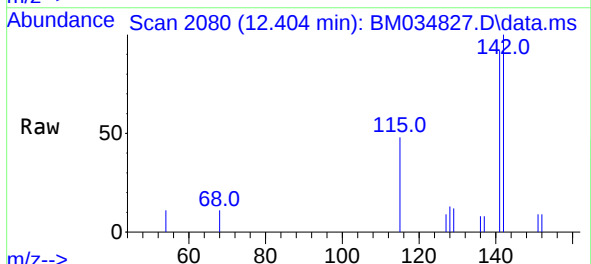
Tgt Ion:128 Resp: 1640
Ion Ratio Lower Upper
128 100
129 18.2 13.4 20.2
127 17.3 15.2 22.8

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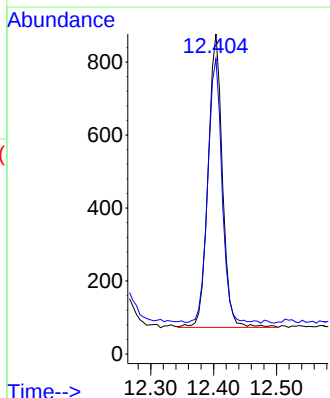
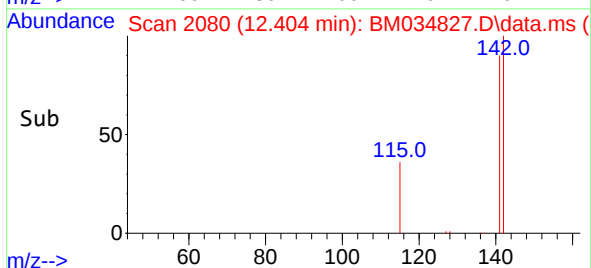
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

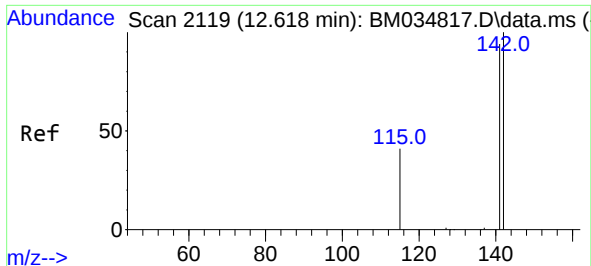


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32



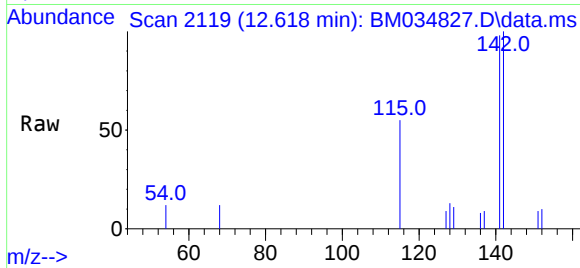
Tgt Ion:142 Resp: 1273
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

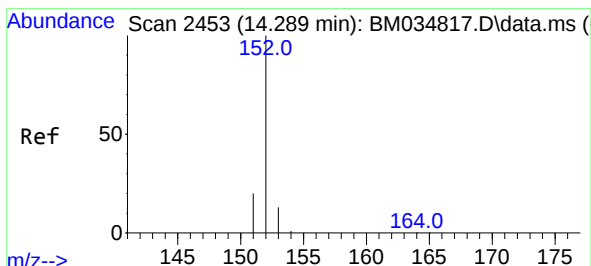
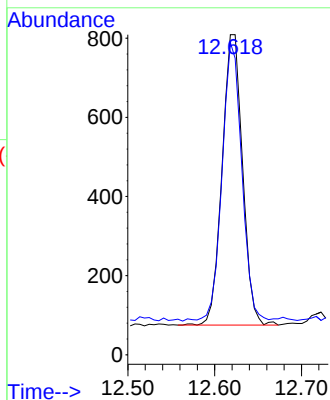
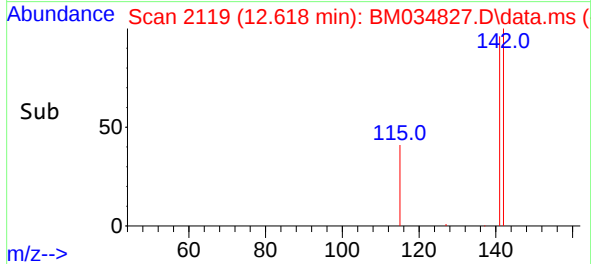
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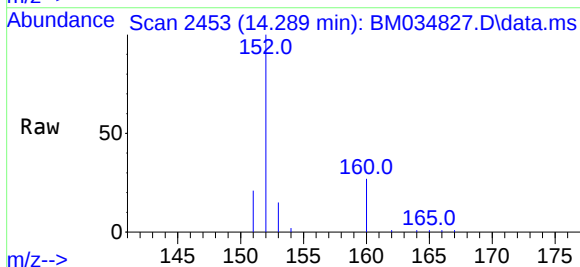
Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
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141 92.6 75.0 112.4

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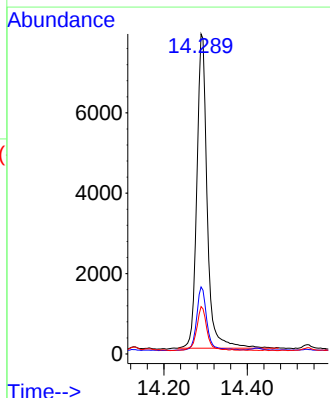
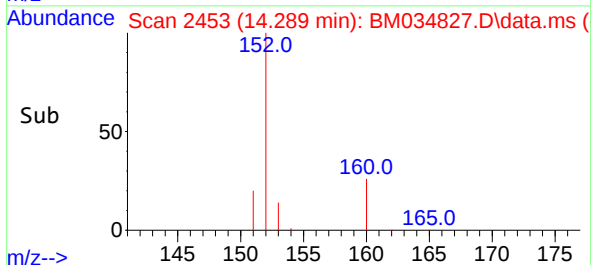
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

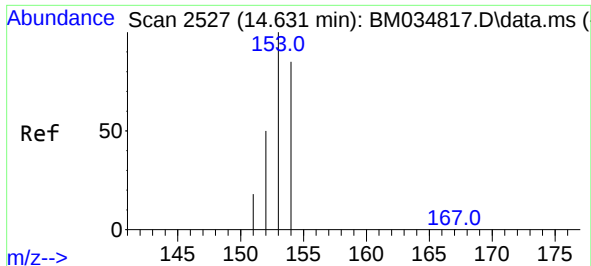


#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32



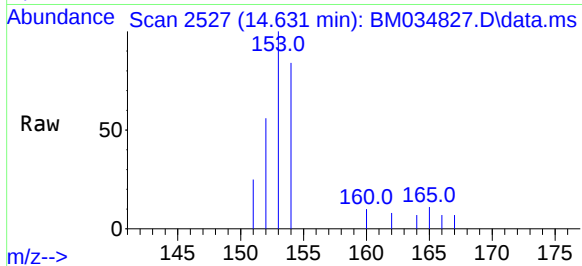
Tgt Ion:152 Resp: 13532
Ion Ratio Lower Upper
152 100
151 20.9 19.9 29.9
153 14.8 15.0 22.4





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.631 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

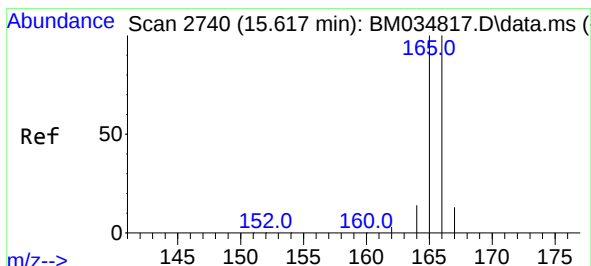
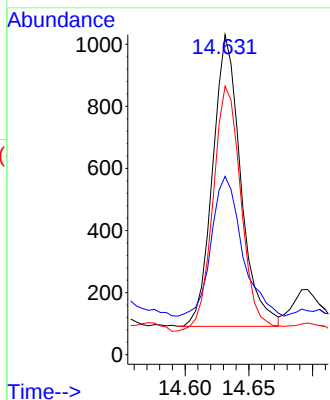
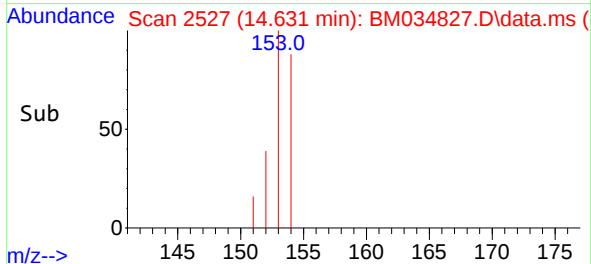
Instrument :
BNA_M
ClientSampleId :
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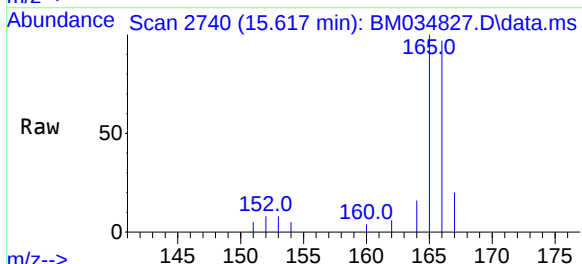
Tgt Ion:153 Resp: 143
Ion Ratio Lower Upper
153 100
152 55.7 42.4 63.6
154 83.9 66.2 99.2

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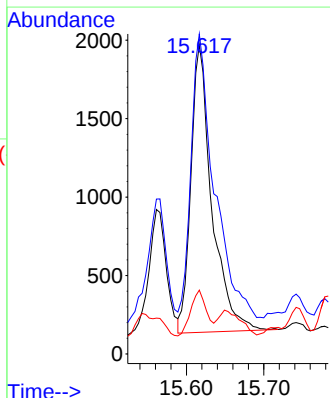
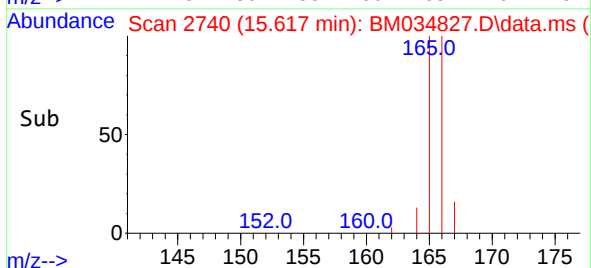
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

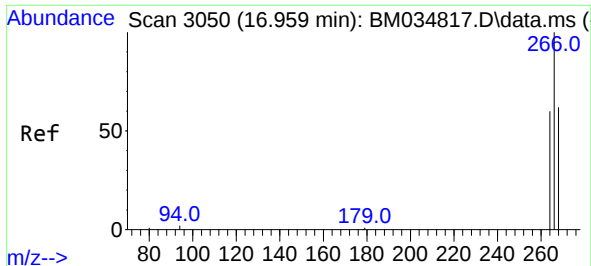


#12
Fluorene
Concen: 0.084 ng/u1
RT: 15.617 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32



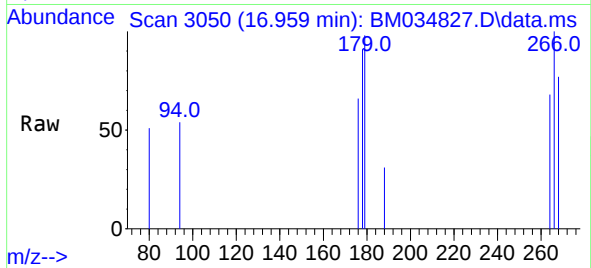
Tgt Ion:166 Resp: 3435
Ion Ratio Lower Upper
166 100
165 103.5 81.1 121.7
167 20.6 14.9 22.3





#14
Pentachlorophenol
Concen: 0.038 ng/u1
RT: 16.959 min Scan# 3050
Delta R.T. -0.002 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

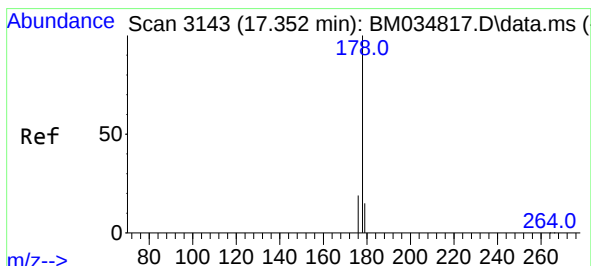
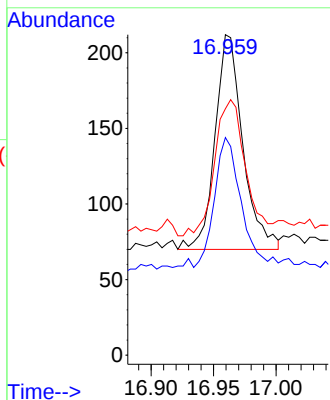
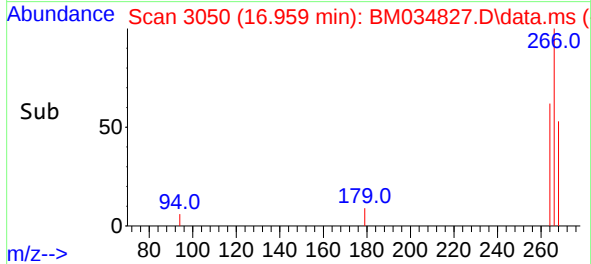
Instrument :
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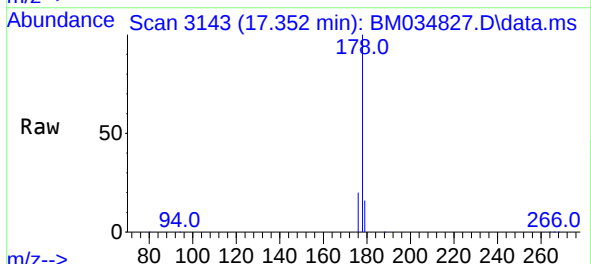
Tgt Ion:266 Resp: 220
Ion Ratio Lower Upper
266 100
264 60.5 51.4 77.0
268 70.0 53.1 79.7

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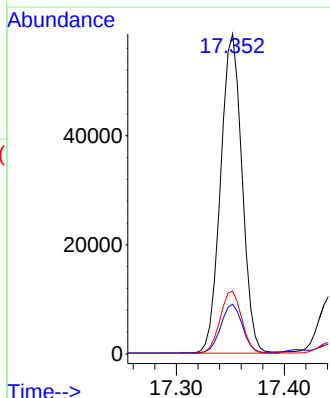
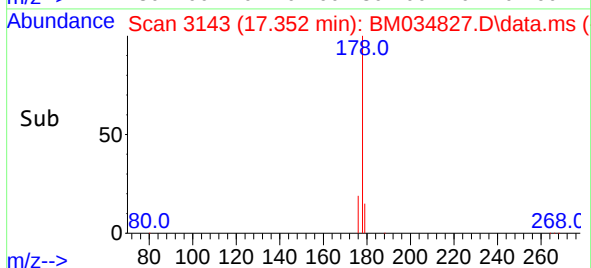
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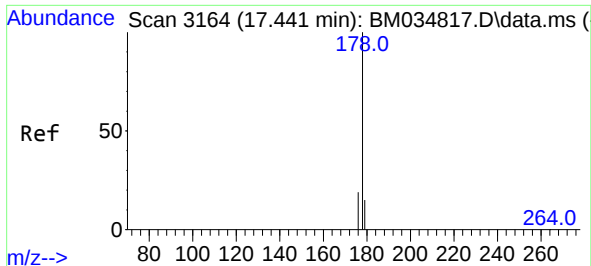


#15
Phenanthrene
Concen: 1.258 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32



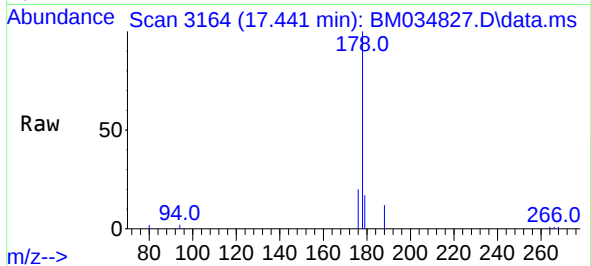
Tgt Ion:178 Resp: 80692
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 0.258 ng/ul
 RT: 17.441 min Scan# 3164
 Delta R.T. -0.006 min
 Lab File: BM034827.D
 Acq: 26 Apr 2022 08:32

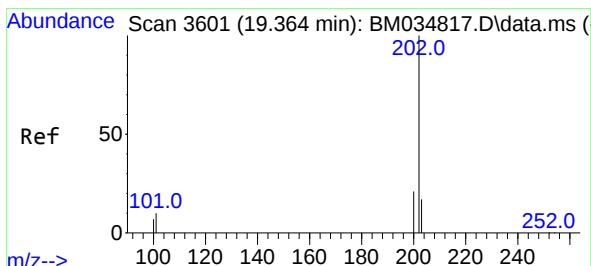
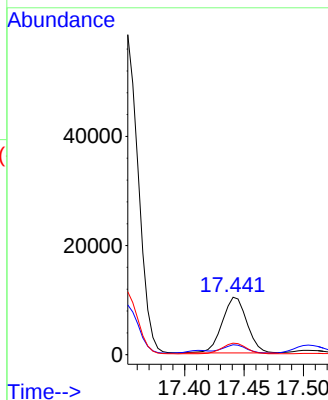
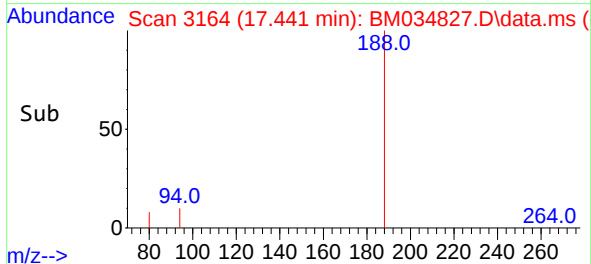
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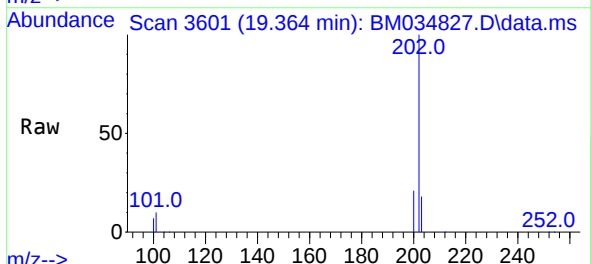
Tgt Ion:178 Resp: 14730
 Ion Ratio Lower Upper
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 179 17.2 16.5 24.7
 176 20.2 18.3 27.5

Manual Integrations
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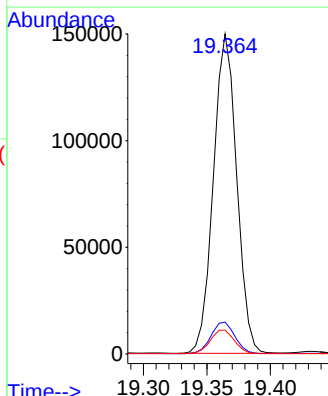
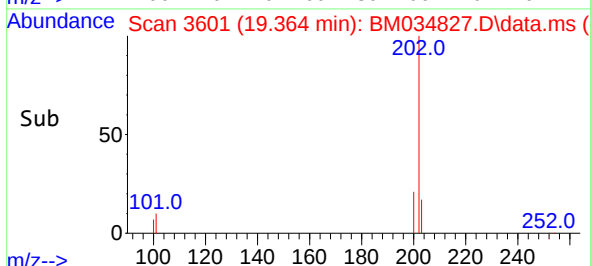
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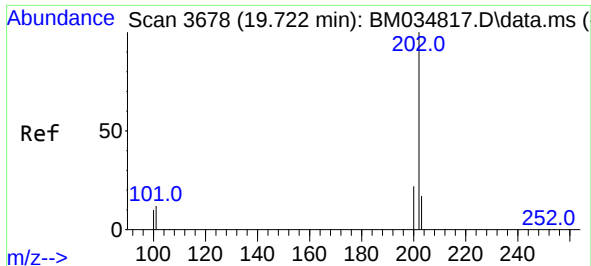


#19
 Fluoranthene
 Concen: 2.522 ng/ul
 RT: 19.364 min Scan# 3601
 Delta R.T. -0.002 min
 Lab File: BM034827.D
 Acq: 26 Apr 2022 08:32



Tgt Ion:202 Resp: 191130
 Ion Ratio Lower Upper
 202 100
 101 9.9 9.2 13.8
 100 7.5 7.2 10.8





#20
Pyrene
Concen: 2.690 ng/u1
RT: 19.727 min Scan# 30
Delta R.T. -0.002 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

Instrument :

BNA_M

ClientSampleId :

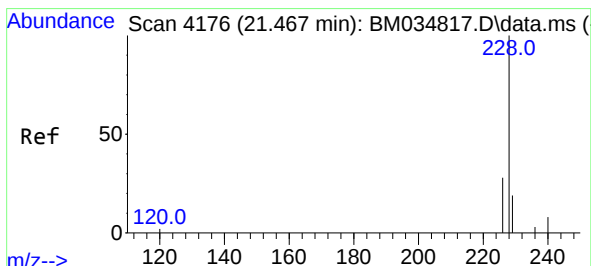
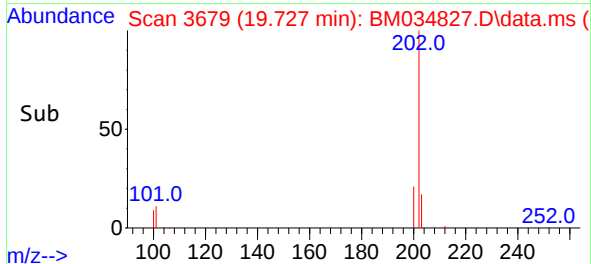
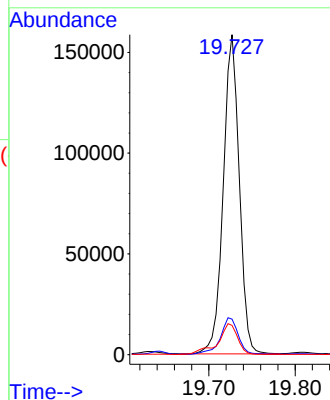
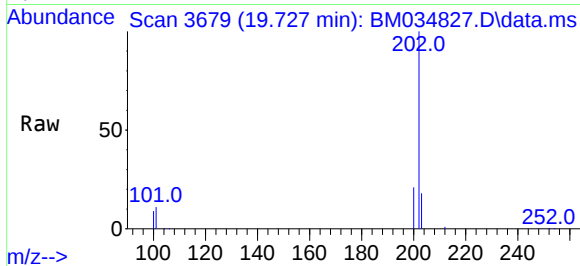
BFFE2DL

Tgt Ion:202 Resp: 204735
Ion Ratio Lower Upper
202 100
101 11.1 9.3 13.9
100 9.2 7.8 11.6

Manual Integrations

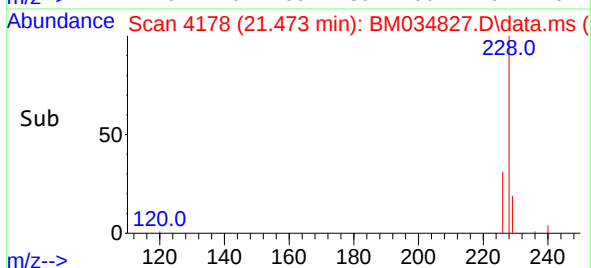
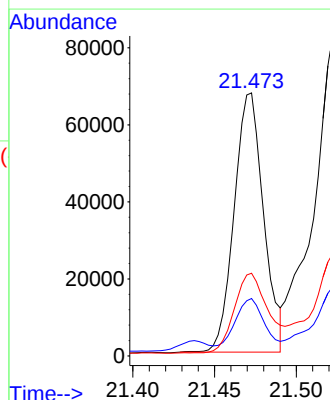
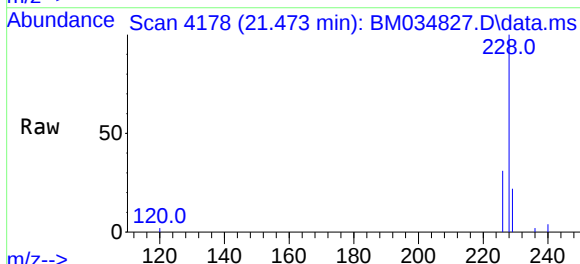
APPROVED

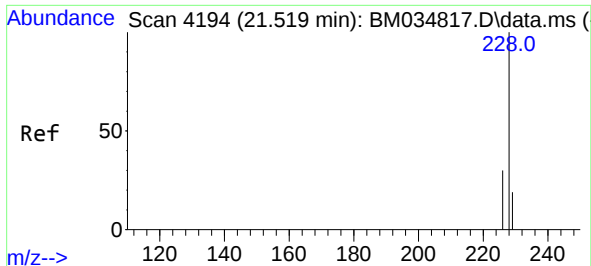
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#21
Benzo(a)anthracene
Concen: 1.373 ng/u1
RT: 21.473 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

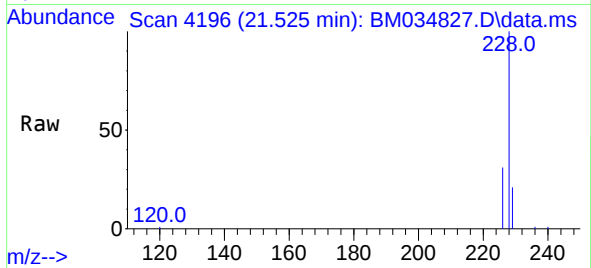
Tgt Ion:228 Resp: 84317
Ion Ratio Lower Upper
228 100
229 21.8 17.3 25.9
226 31.5 23.2 34.8





#22
Chrysene
Concen: 1.915 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

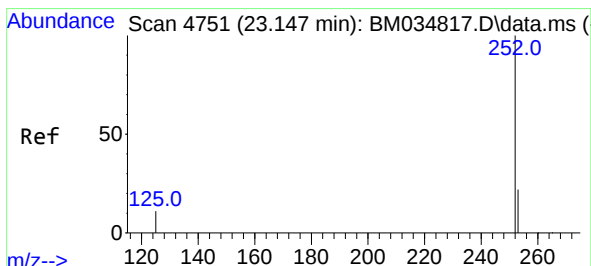
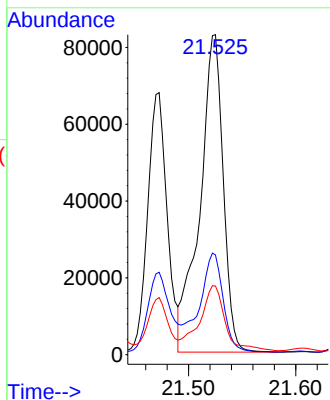
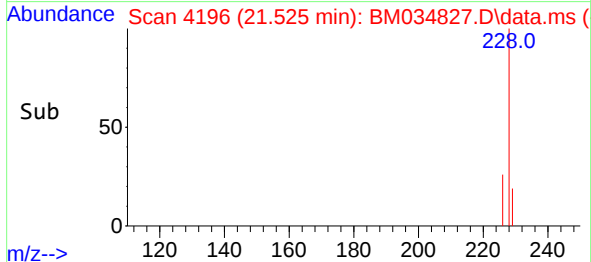
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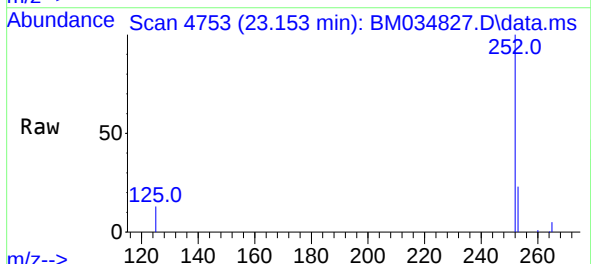
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Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 21.5 16.7 25.1

Manual Integrations
APPROVED

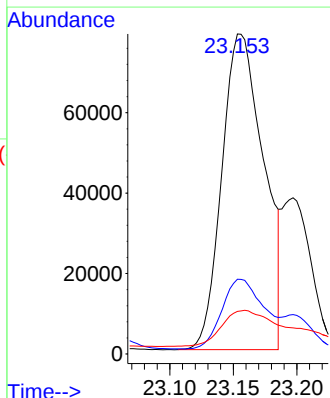
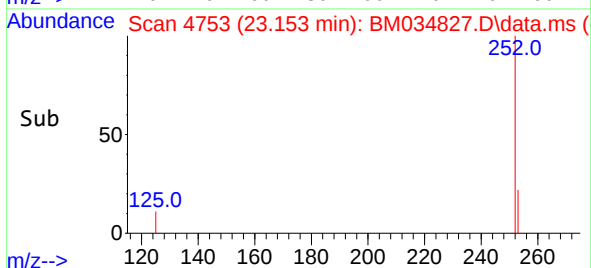
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

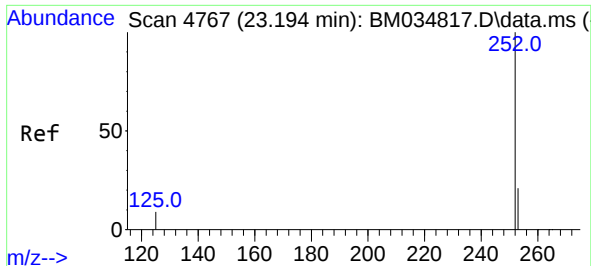


#24
Benzo(b)fluoranthene
Concen: 2.273 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. 0.001 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32



Tgt Ion:252 Resp: 180216
Ion Ratio Lower Upper
252 100
253 23.3 0.0 64.2
125 13.3 0.0 28.8





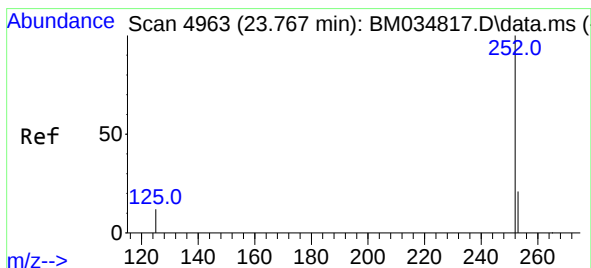
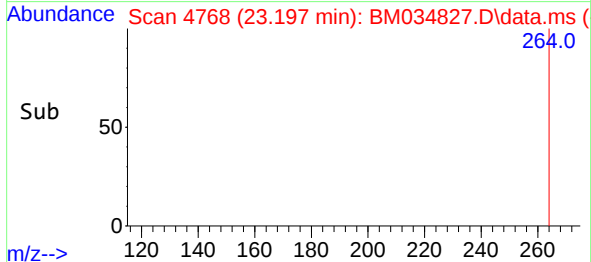
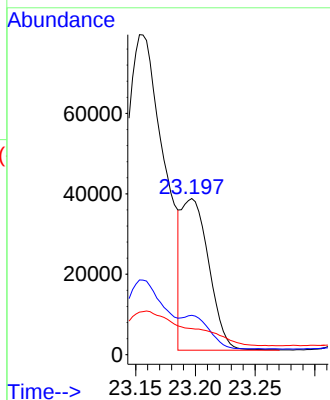
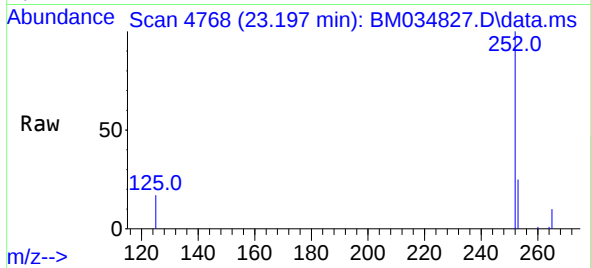
#25
Benzo(k)fluoranthene
Concen: 0.761 ng/ul m
RT: 23.197 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

Instrument :
BNA_M
ClientSampleId :
BFFE2DL

Tgt Ion:252 Resp: 60279
Ion Ratio Lower Upper
252 100
253 25.2 26.8 40.2
125 16.7 12.0 18.0

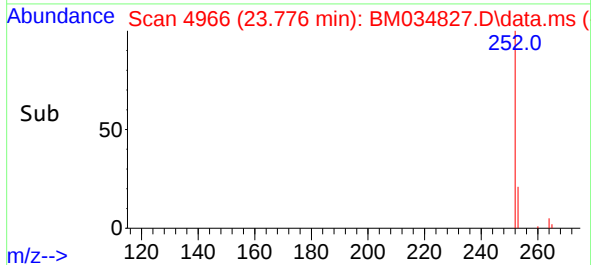
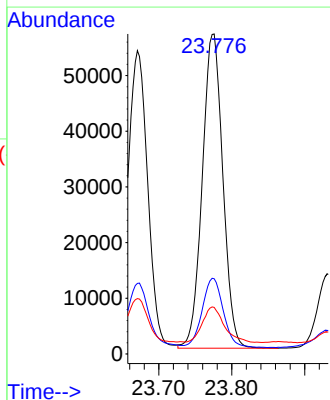
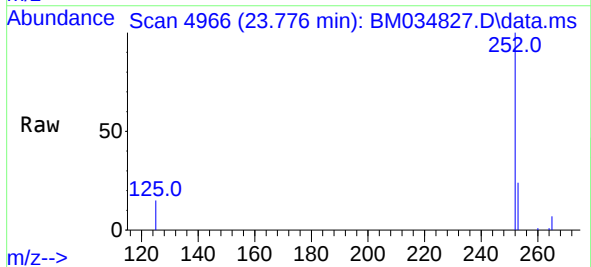
Manual Integrations
APPROVED

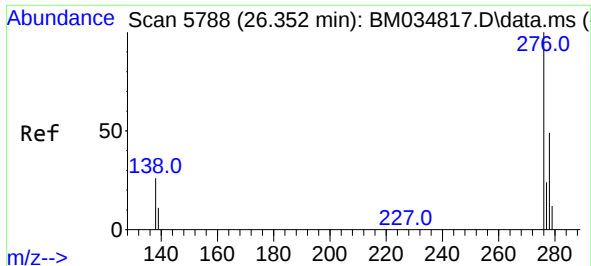
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#26
Benzo(a)pyrene
Concen: 1.710 ng/ul
RT: 23.776 min Scan# 4966
Delta R.T. 0.001 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

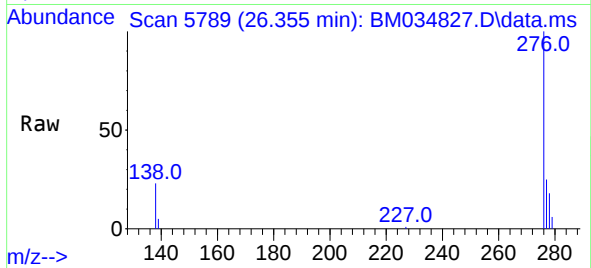
Tgt Ion:252 Resp: 110616
Ion Ratio Lower Upper
252 100
253 23.5 32.0 48.0#
125 14.6 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.182 ng/ul
RT: 26.355 min Scan# 5788
Delta R.T. -0.006 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

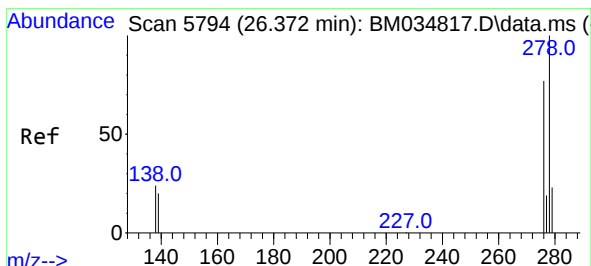
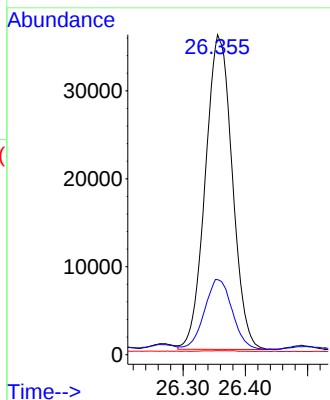
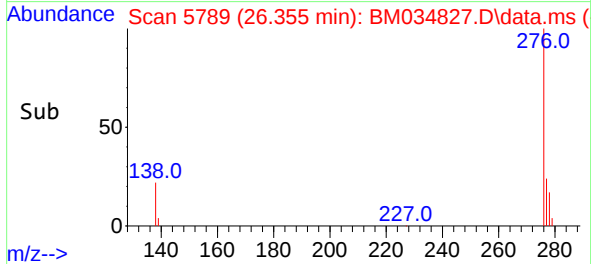
Instrument :
BNA_M
ClientSampleId :
BFFE2DL



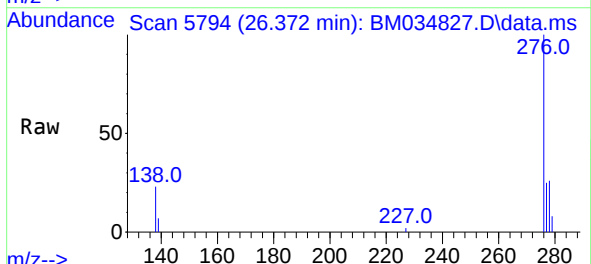
Tgt Ion:276 Resp: 10734
Ion Ratio Lower Upper
276 100
138 23.0 15.8 23.6
227 0.2 0.0 0.0

Manual Integrations
APPROVED

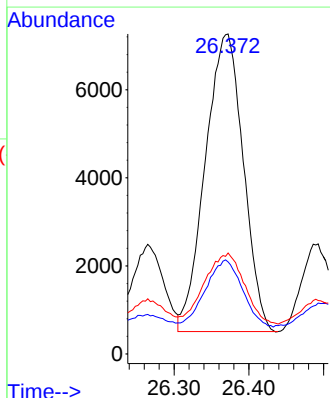
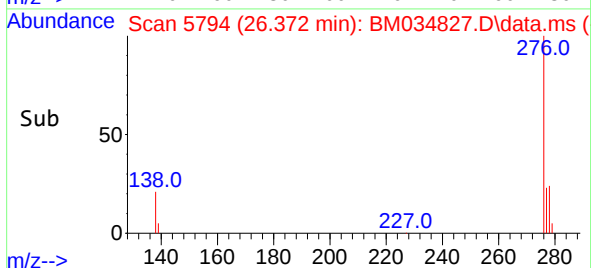
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

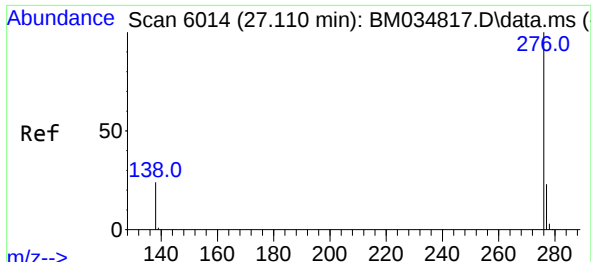


#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 26.372 min Scan# 5794
Delta R.T. -0.012 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32



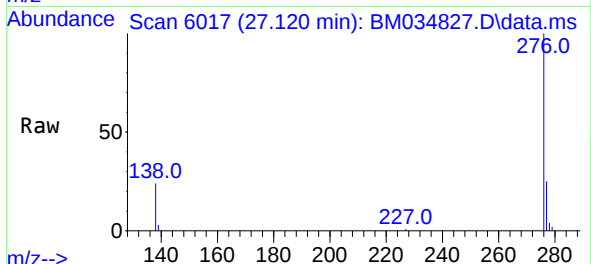
Tgt Ion:278 Resp: 23892
Ion Ratio Lower Upper
278 100
139 28.8 18.0 27.0#
279 31.6 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 1.280 ng/ul
RT: 27.120 min Scan# 6014
Delta R.T. 0.001 min
Lab File: BM034827.D
Acq: 26 Apr 2022 08:32

Instrument :
BNA_M
ClientSampleId :
BFFE2DL



Tgt Ion:276 Resp: 10035
Ion Ratio Lower Upper
276 100
138 24.3 17.4 26.0
277 24.5 22.6 33.8

Manual Integrations
APPROVED

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

