

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034826.D
 Acq On : 26 Apr 2022 07:56
 Operator : CG/JU
 Sample : N2373-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE2

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 08:33:32 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	6711	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	17510	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	9849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	19965	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	16229	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	18684	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	10670	1.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	3341	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	11524	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	7947	0.159	ng/ul#	90
7) 2-Methylnaphthalene	12.404	142	6113	0.184	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	5928	0.181	ng/ul	100
10) Acenaphthylene	14.288	152	66867	1.553	ng/ul#	90
11) Acenaphthene	14.630	153	6600	0.181	ng/ul	98
12) Fluorene	15.616	166	16202	0.395	ng/ul	99
14) Pentachlorophenol	16.963	266	1073	0.181	ng/ul	97
15) Phenanthrene	17.351	178	421147	6.381	ng/ul	93
16) Anthracene	17.444	178	78834	1.341	ng/ul#	91
19) Fluoranthene	19.363	202	979691	12.575	ng/ul	97
20) Pyrene	19.726	202	1047110	13.382	ng/ul	100
21) Benzo(a)anthracene	21.470	228	437536	6.930	ng/ul	98
22) Chrysene	21.523	228	643825	9.564	ng/ul	99
24) Benzo(b)fluoranthene	23.157	252	949996	11.136	ng/ul	86
25) Benzo(k)fluoranthene	23.198	252	288088m	3.380	ng/ul	
26) Benzo(a)pyrene	23.777	252	578244	8.306	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.360	276	555216	5.681	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.376	278	125390m	1.577	ng/ul	
29) Benzo(g,h,i)perylene	27.128	276	517773	6.137	ng/ul	94

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

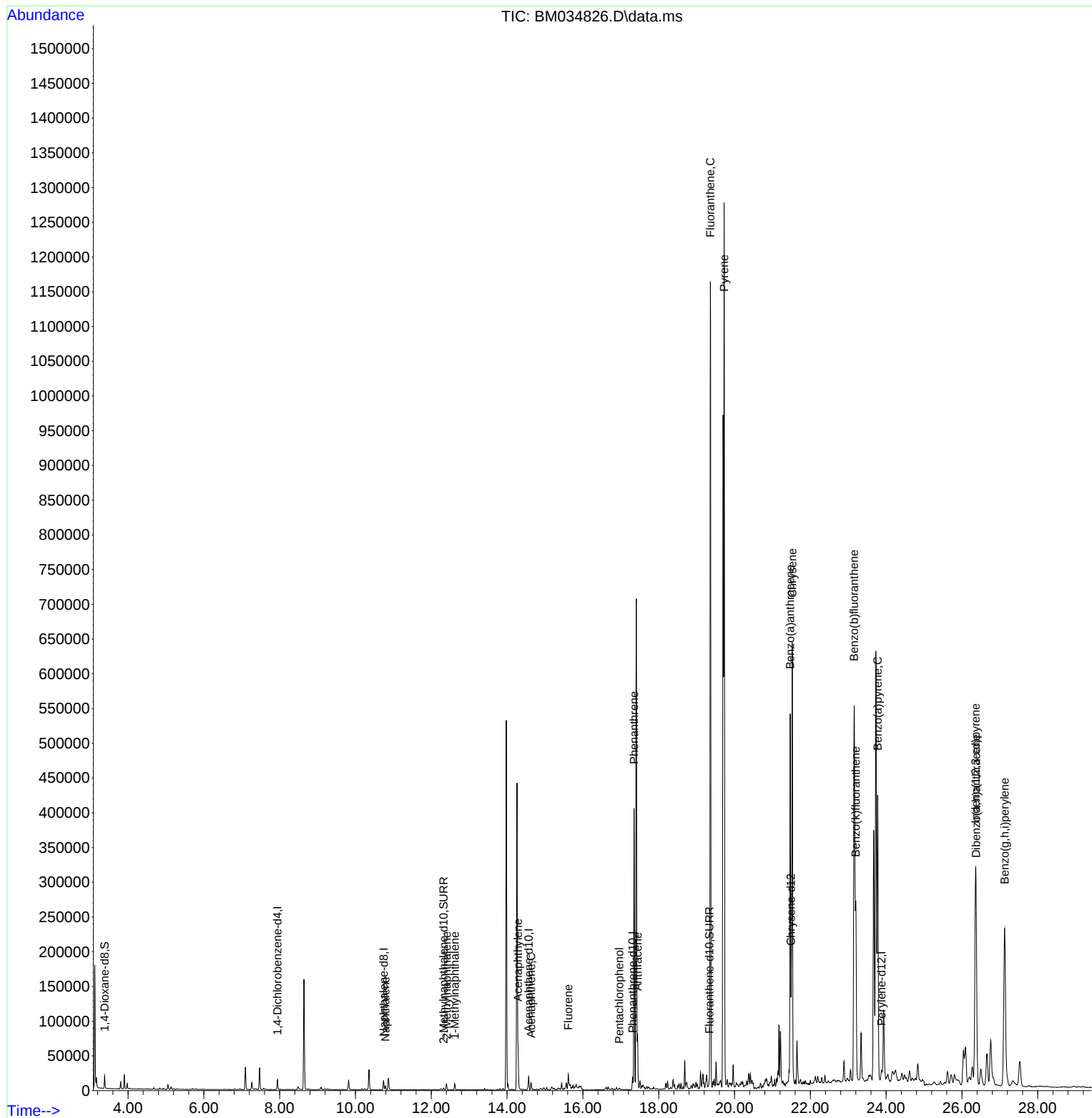
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034826.D
Acq On : 26 Apr 2022 07:56
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Sample : N2373-09
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ALS Vial : 35 Sample Multiplier: 1

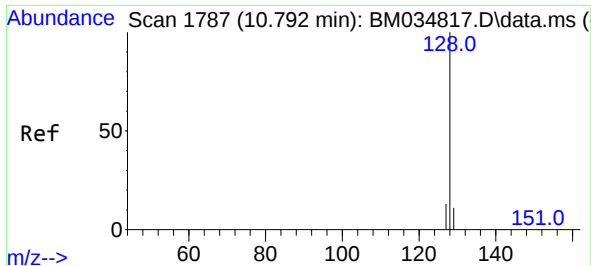
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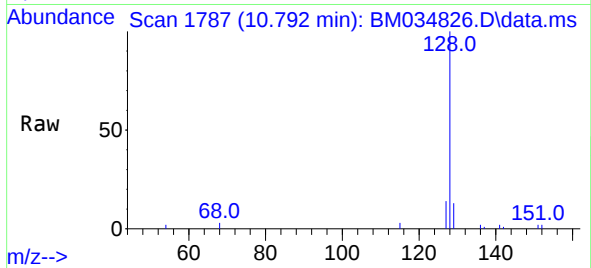
Quant Time: Apr 26 08:33:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

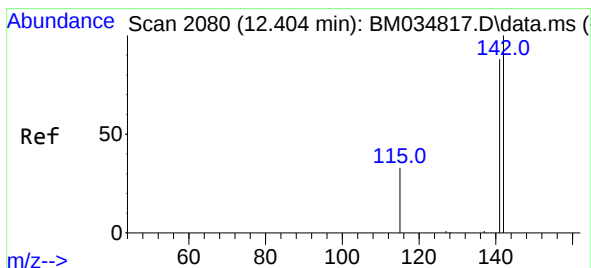
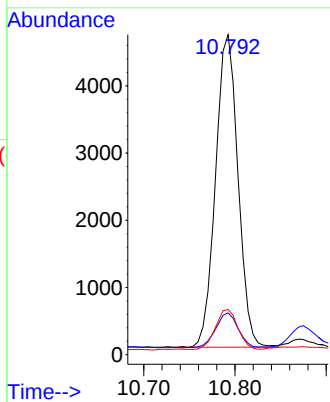
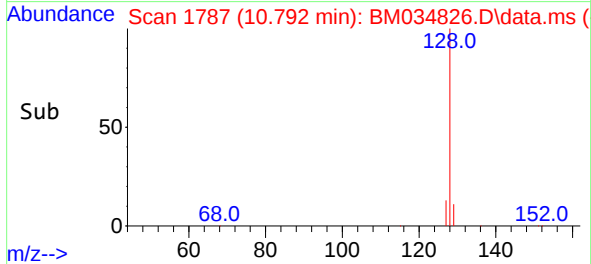
Instrument :
BNA_M
ClientSampleId :
BFFE2



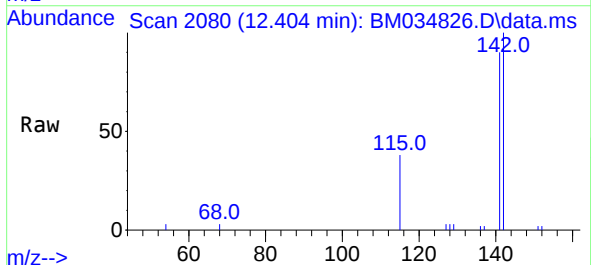
Tgt Ion:128 Resp: 794
Ion Ratio Lower Upper
128 100
129 13.0 13.4 20.2
127 14.1 15.2 22.8

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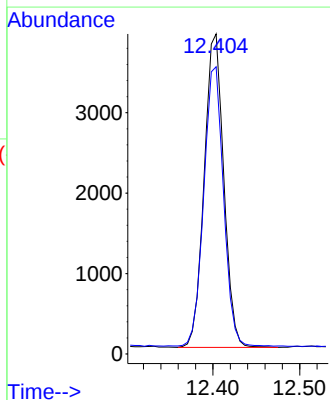
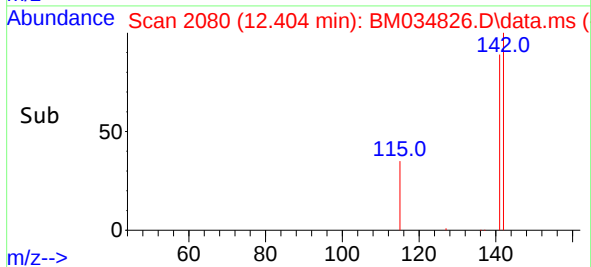
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

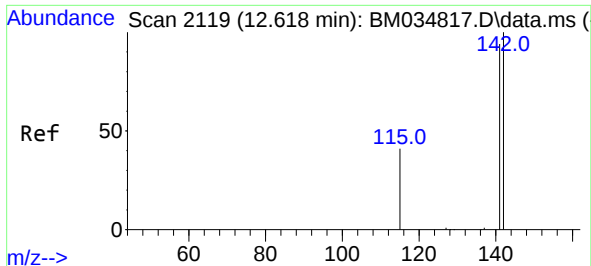


#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



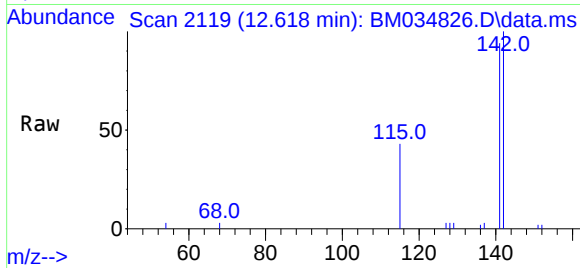
Tgt Ion:142 Resp: 6113
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

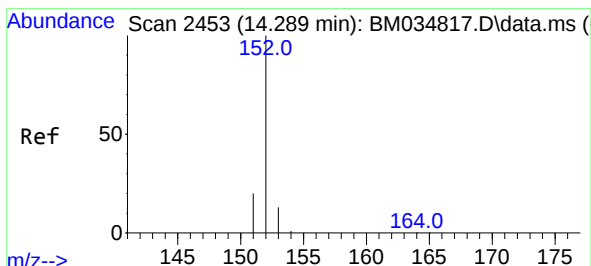
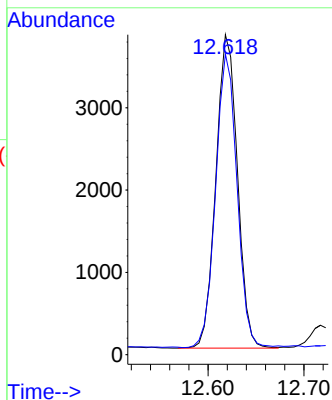
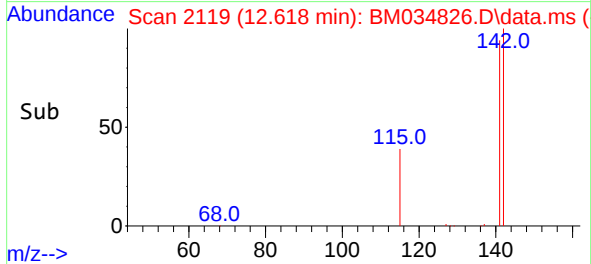
Instrument :
BNA_M
ClientSampleId :
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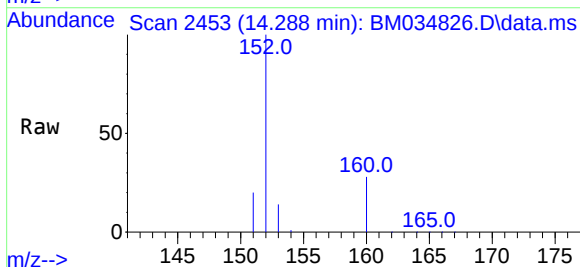
Tgt Ion:142 Resp: 5928
Ion Ratio Lower Upper
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141 93.7 75.0 112.4

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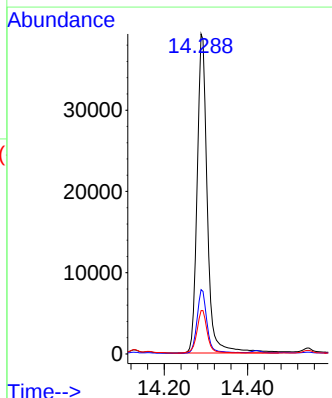
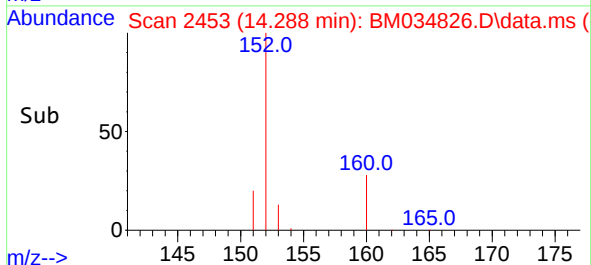
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

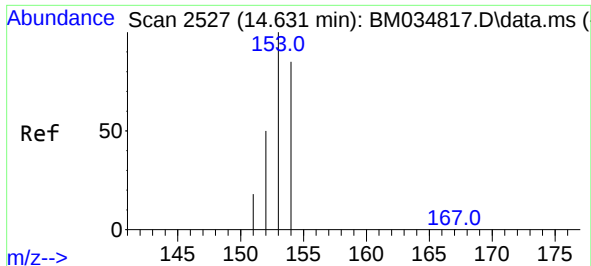


#10
Acenaphthylene
Concen: 1.553 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



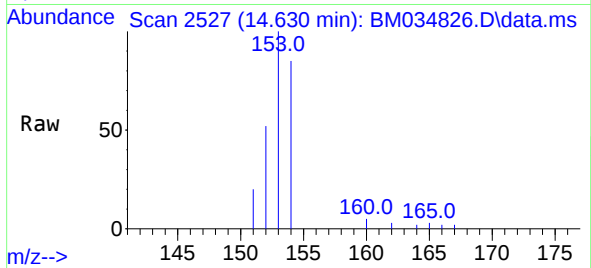
Tgt Ion:152 Resp: 66867
Ion Ratio Lower Upper
152 100
151 20.1 19.9 29.9
153 13.5 15.0 22.4#





#11
Acenaphthene
Concen: 0.181 ng/u1
RT: 14.630 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

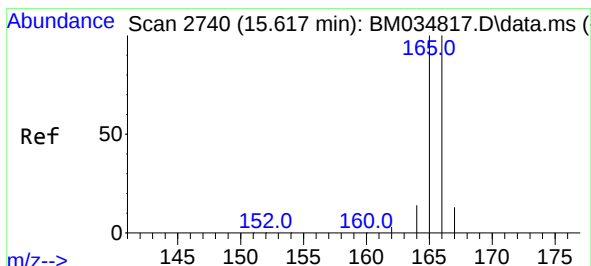
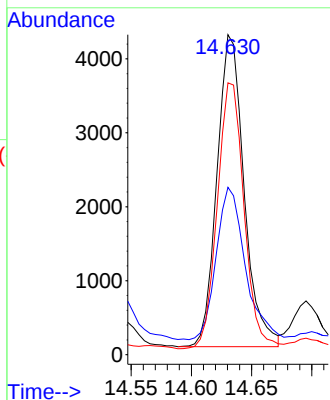
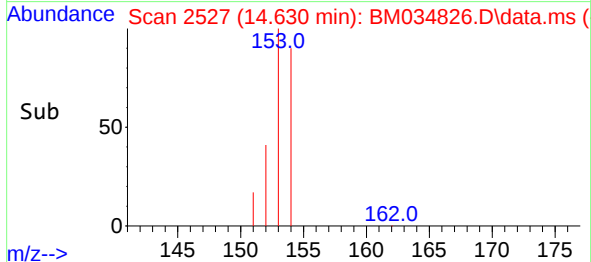
Instrument :
BNA_M
ClientSampleId :
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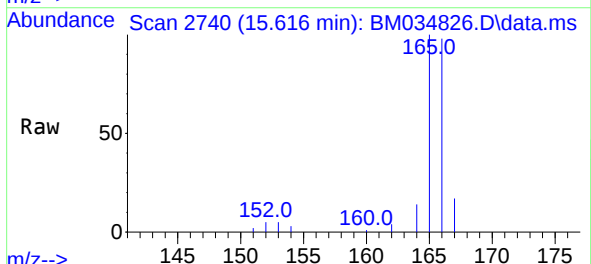
Tgt Ion:153 Resp: 6600
Ion Ratio Lower Upper
153 100
152 52.3 42.4 63.6
154 84.9 66.2 99.2

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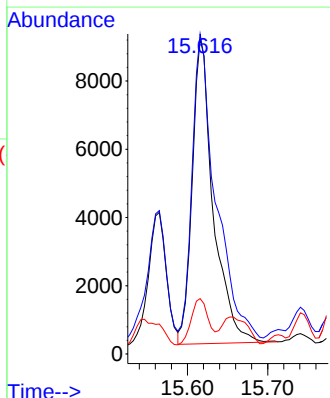
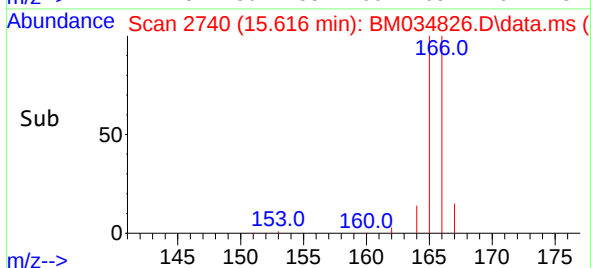
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

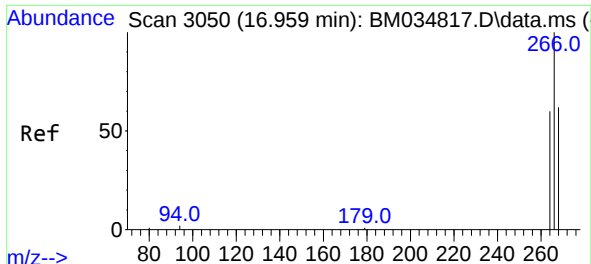


#12
Fluorene
Concen: 0.395 ng/u1
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



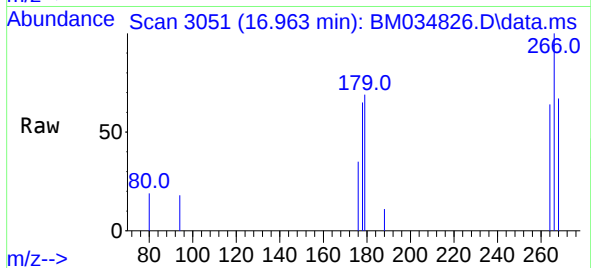
Tgt Ion:166 Resp: 16202
Ion Ratio Lower Upper
166 100
165 101.6 81.1 121.7
167 17.6 14.9 22.3





#14
Pentachlorophenol
Concen: 0.181 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

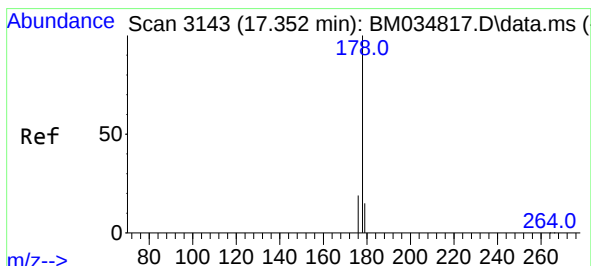
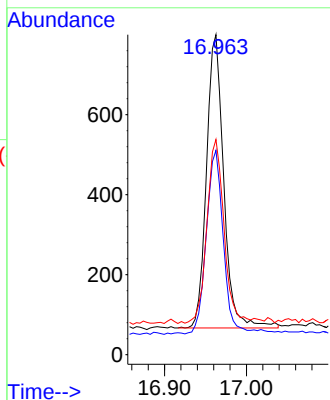
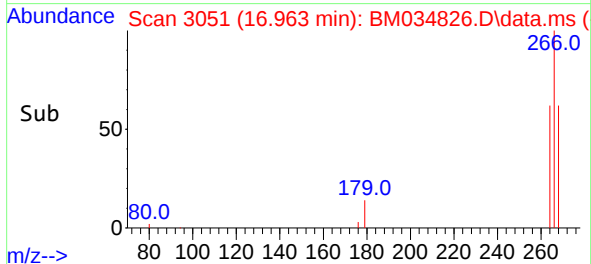
Instrument :
BNA_M
ClientSampleId :
BFFE2



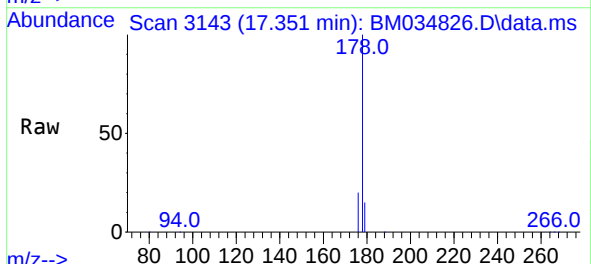
Tgt Ion:266 Resp: 107
Ion Ratio Lower Upper
266 100
264 62.3 51.4 77.0
268 63.1 53.1 79.7

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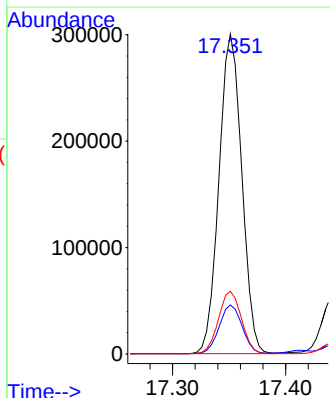
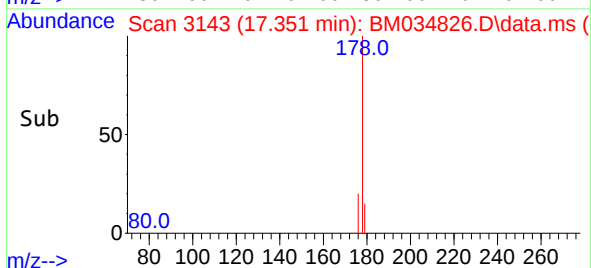
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

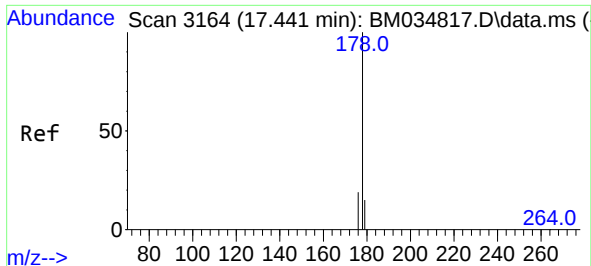


#15
Phenanthrene
Concen: 6.381 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



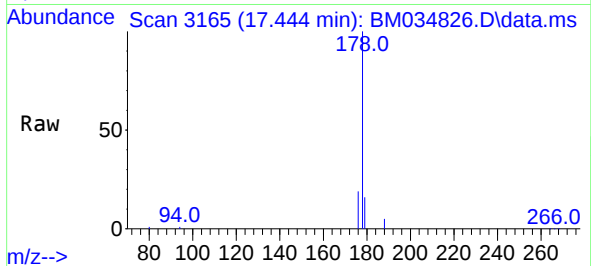
Tgt Ion:178 Resp: 421147
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 1.341 ng/ul
 RT: 17.444 min Scan# 3164
 Delta R.T. -0.003 min
 Lab File: BM034826.D
 Acq: 26 Apr 2022 07:56

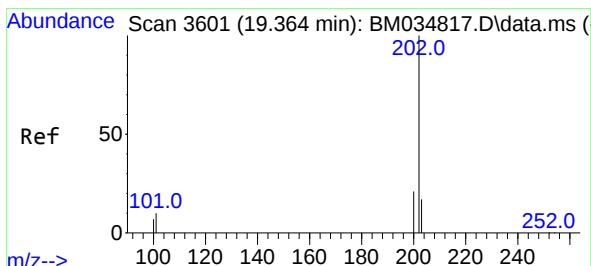
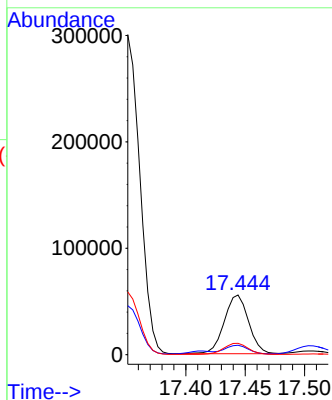
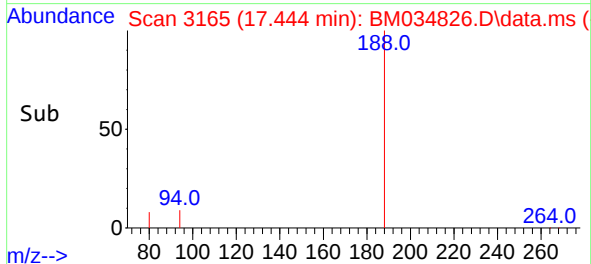
Instrument :
 BNA_M
 ClientSampleId :
 BFFE2



Tgt Ion:178 Resp: 78834
 Ion Ratio Lower Upper
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 179 15.7 16.5 24.7
 176 19.0 18.3 27.5

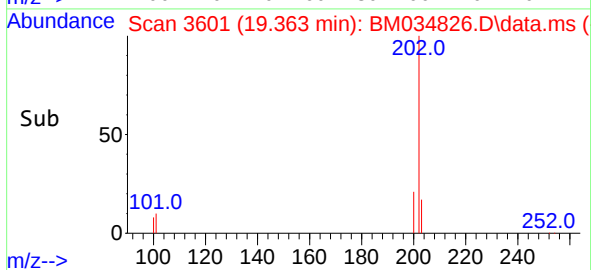
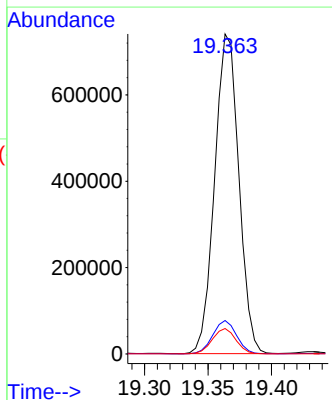
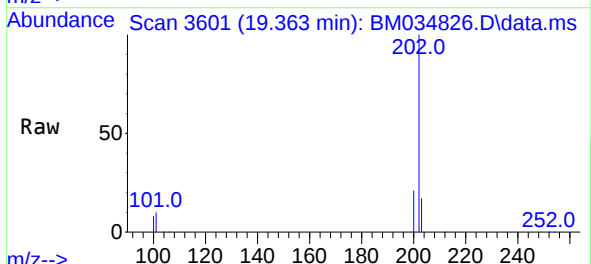
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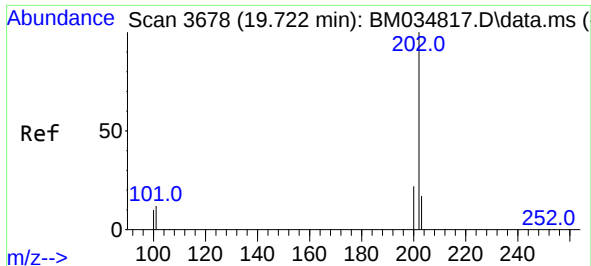
Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022



#19
 Fluoranthene
 Concen: 12.575 ng/ul
 RT: 19.363 min Scan# 3601
 Delta R.T. -0.003 min
 Lab File: BM034826.D
 Acq: 26 Apr 2022 07:56

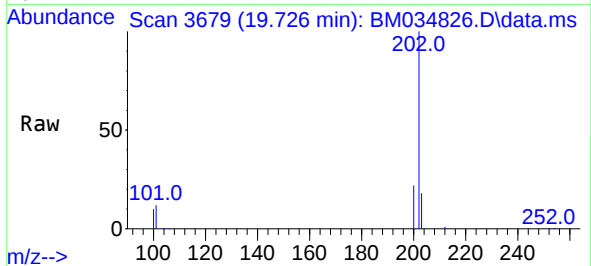
Tgt Ion:202 Resp: 979691
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.2 13.8
 100 8.0 7.2 10.8





#20
Pyrene
Concen: 13.382 ng/ul
RT: 19.726 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

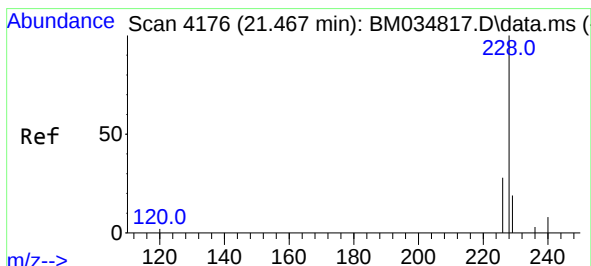
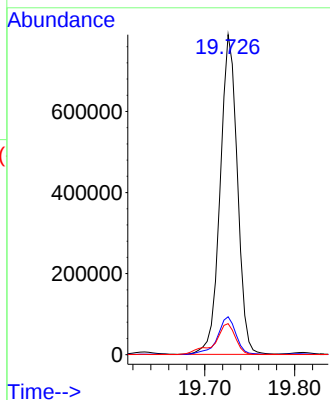
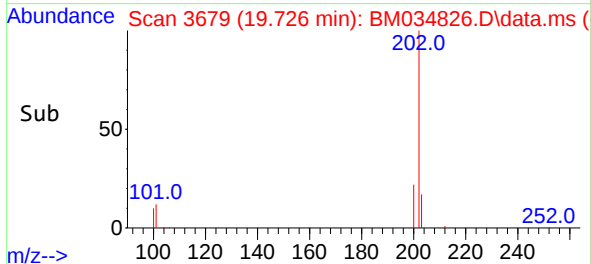
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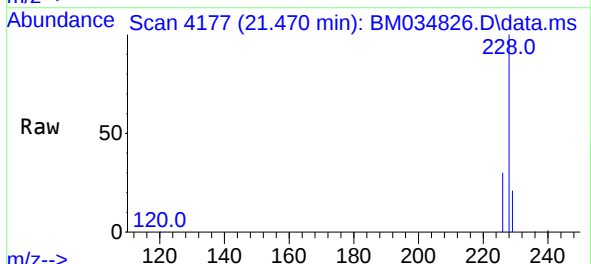
Tgt Ion:202 Resp: 1047110
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.7 7.8 11.6

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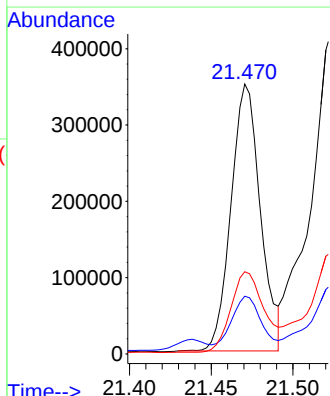
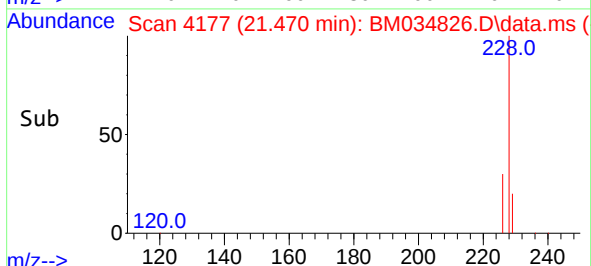
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

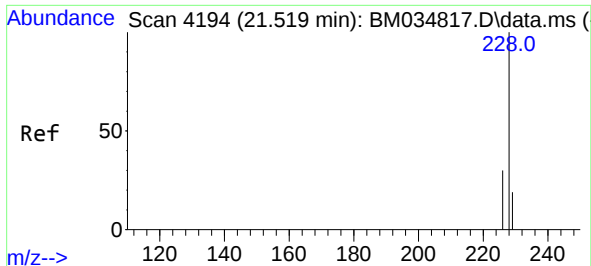


#21
Benzo(a)anthracene
Concen: 6.930 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



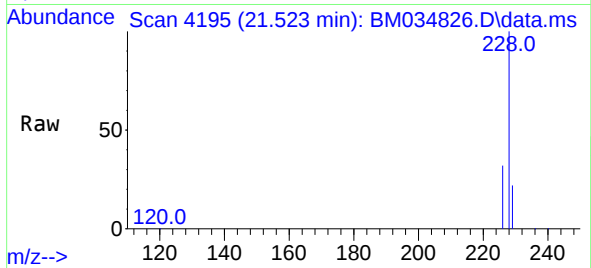
Tgt Ion:228 Resp: 437536
Ion Ratio Lower Upper
228 100
229 21.4 17.3 25.9
226 30.5 23.2 34.8





#22
Chrysene
Concen: 9.564 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

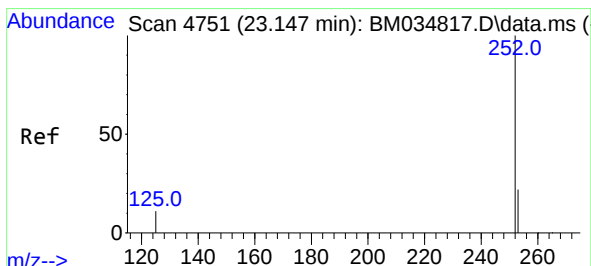
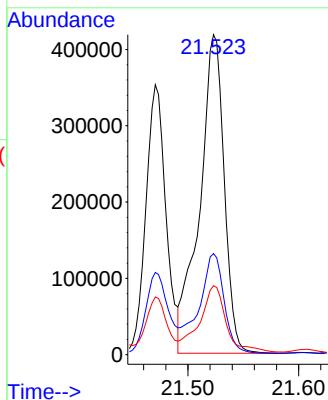
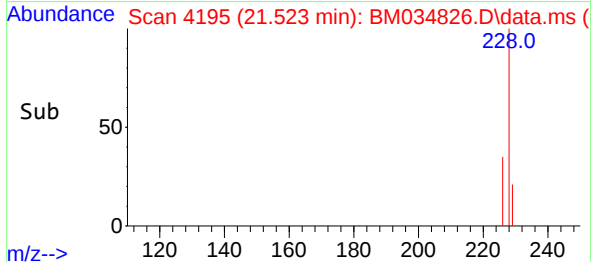
Instrument :
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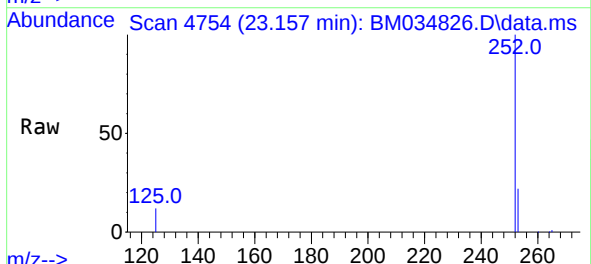
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Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 21.6 16.7 25.1

Manual Integrations
APPROVED

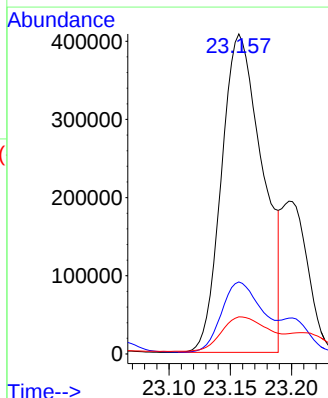
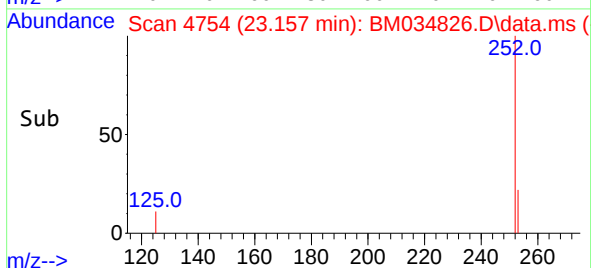
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

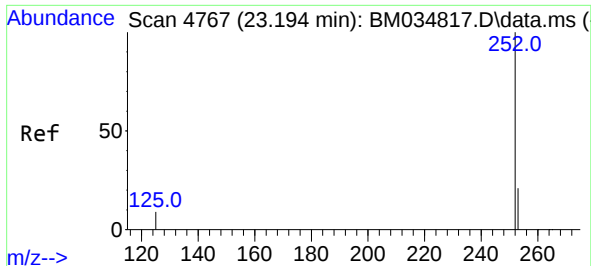


#24
Benzo(b)fluoranthene
Concen: 11.136 ng/u1
RT: 23.157 min Scan# 4754
Delta R.T. 0.004 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



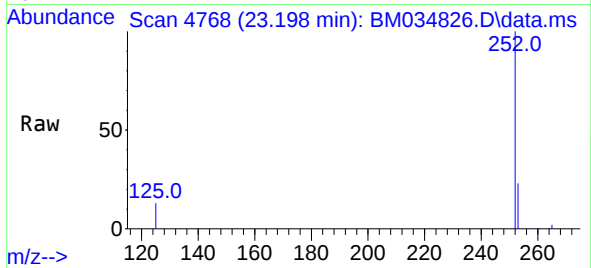
Tgt Ion:252 Resp: 949996
Ion Ratio Lower Upper
252 100
253 22.5 0.0 64.2
125 11.6 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 3.380 ng/ul m
RT: 23.198 min Scan# 4767
Delta R.T. -0.004 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

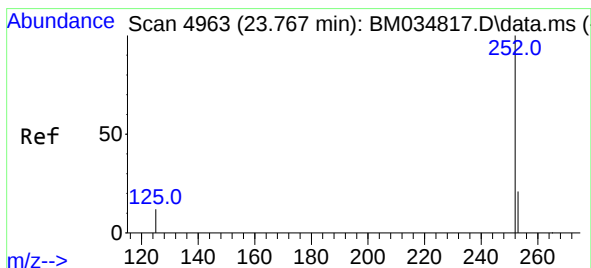
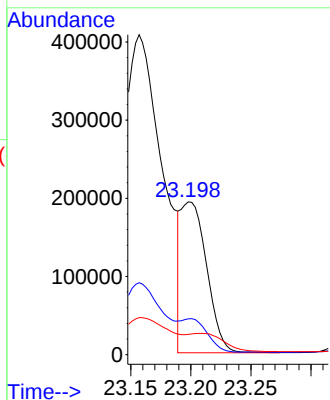
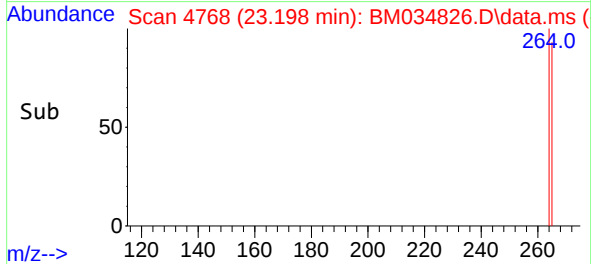
Instrument :
BNA_M
ClientSampleId :
BFFE2



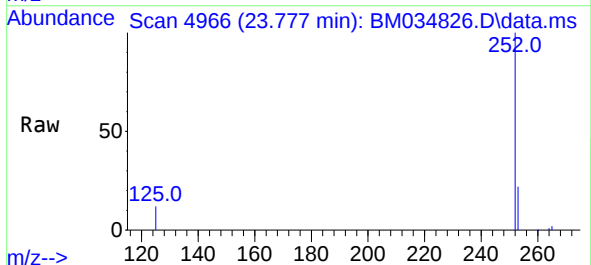
Tgt Ion:252 Resp: 288088
Ion Ratio Lower Upper
252 100
253 23.4 26.8 40.2#
125 13.3 12.0 18.0

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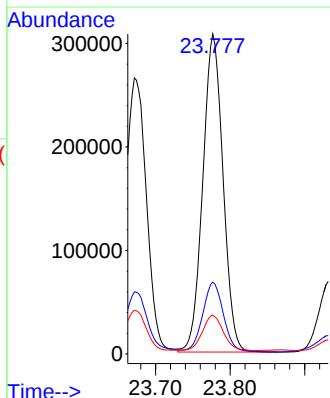
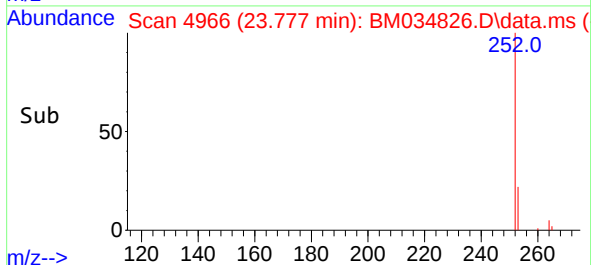
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

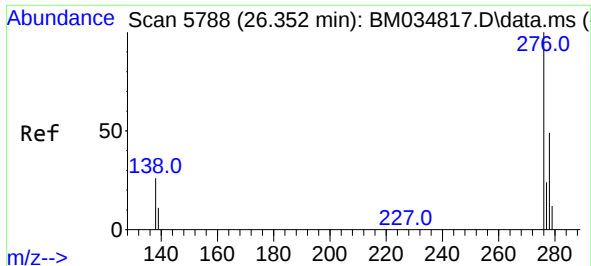


#26
Benzo(a)pyrene
Concen: 8.306 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



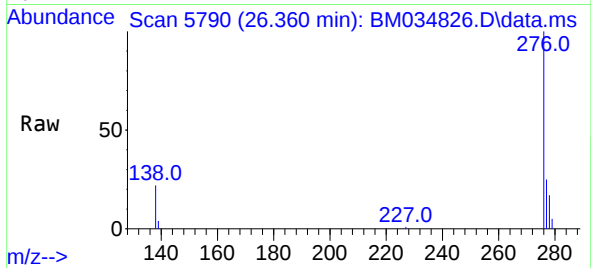
Tgt Ion:252 Resp: 578244
Ion Ratio Lower Upper
252 100
253 22.5 32.0 48.0#
125 12.1 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.681 ng/ul
RT: 26.360 min Scan# 5788
Delta R.T. -0.001 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

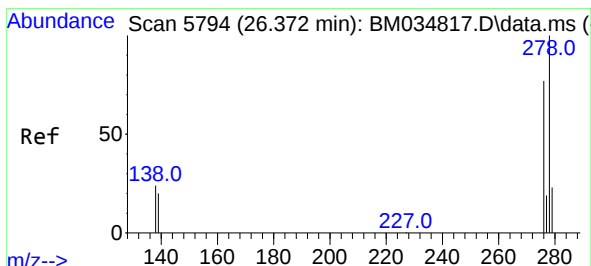
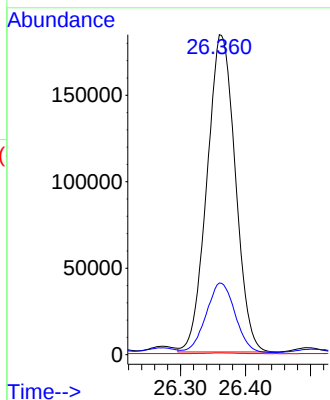
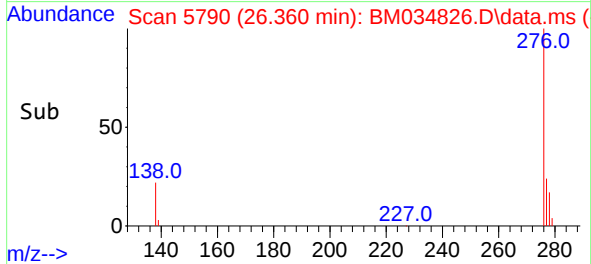
Instrument :
BNA_M
ClientSampleId :
BFFE2



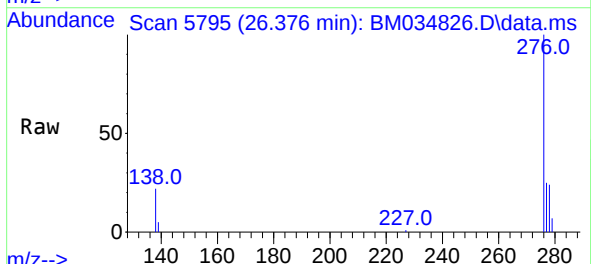
Tgt Ion:276 Resp: 555210
Ion Ratio Lower Upper
276 100
138 22.4 15.8 23.6
227 0.3 0.0 0.0

Manual Integrations
APPROVED

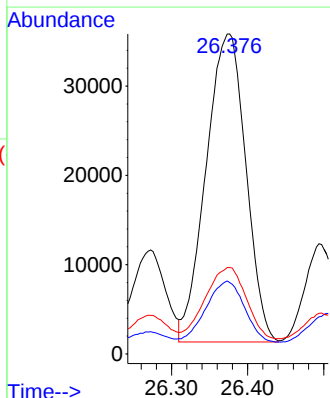
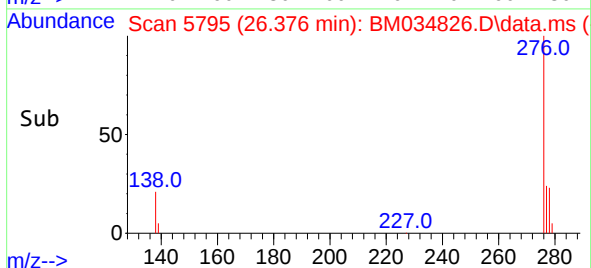
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

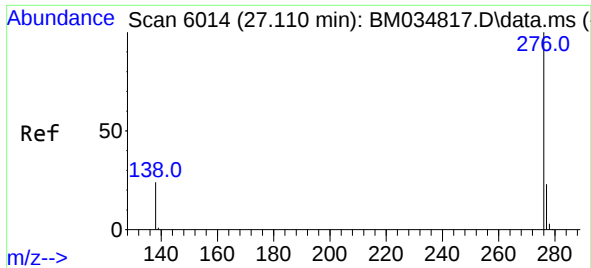


#28
Dibenzo(a,h)anthracene
Concen: 1.577 ng/ul m
RT: 26.376 min Scan# 5795
Delta R.T. -0.008 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56



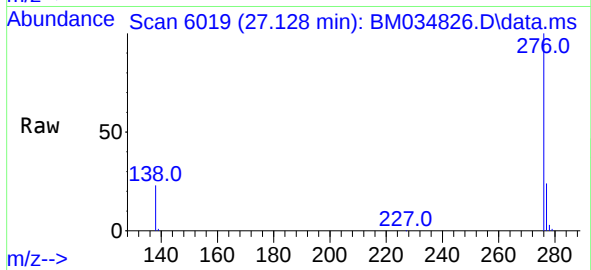
Tgt Ion:278 Resp: 125390
Ion Ratio Lower Upper
278 100
139 22.3 18.0 27.0
279 27.0 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 6.137 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.009 min
Lab File: BM034826.D
Acq: 26 Apr 2022 07:56

Instrument :
BNA_M
ClientSampleId :
BFFE2



Tgt Ion:276 Resp: 51777
Ion Ratio Lower Upper
276 100
138 22.9 17.4 26.0
277 23.9 22.6 33.8

Manual Integrations
APPROVED

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

