

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034811.D
 Acq On : 25 Apr 2022 22:26
 Operator : CG/JU
 Sample : N2373-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF0

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 03:07:22 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	6349	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	16144	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	8345	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	15500	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.484	240	11785	0.400	ng/ul	# 0.00
23) Perylene-d12	23.878	264	12248	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	18517	2.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	4450	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	9171	0.247	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	4500	0.097	ng/ul#	92
7) 2-Methylnaphthalene	12.404	142	2677	0.087	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	2176	0.072	ng/ul	100
10) Acenaphthylene	14.289	152	30405	0.834	ng/ul#	90
11) Acenaphthene	14.631	153	1223	0.040	ng/ul	97
12) Fluorene	15.617	166	2991	0.086	ng/ul	99
15) Phenanthrene	17.352	178	69341	1.353	ng/ul	94
16) Anthracene	17.441	178	17723	0.388	ng/ul#	92
19) Fluoranthene	19.364	202	164778	2.912	ng/ul	98
20) Pyrene	19.727	202	188602	3.319	ng/ul	99
21) Benzo(a)anthracene	21.470	228	92959	2.027	ng/ul	94
22) Chrysene	21.522	228	116605	2.385	ng/ul	99
24) Benzo(b)fluoranthene	23.153	252	168710	3.017	ng/ul	88
25) Benzo(k)fluoranthene	23.194	252	57494m	1.029	ng/ul	
26) Benzo(a)pyrene	23.773	252	123466	2.705	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.355	276	101734	1.588	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.365	278	23429	0.449	ng/ul	90
29) Benzo(g,h,i)perylene	27.113	276	97565	1.764	ng/ul	93

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

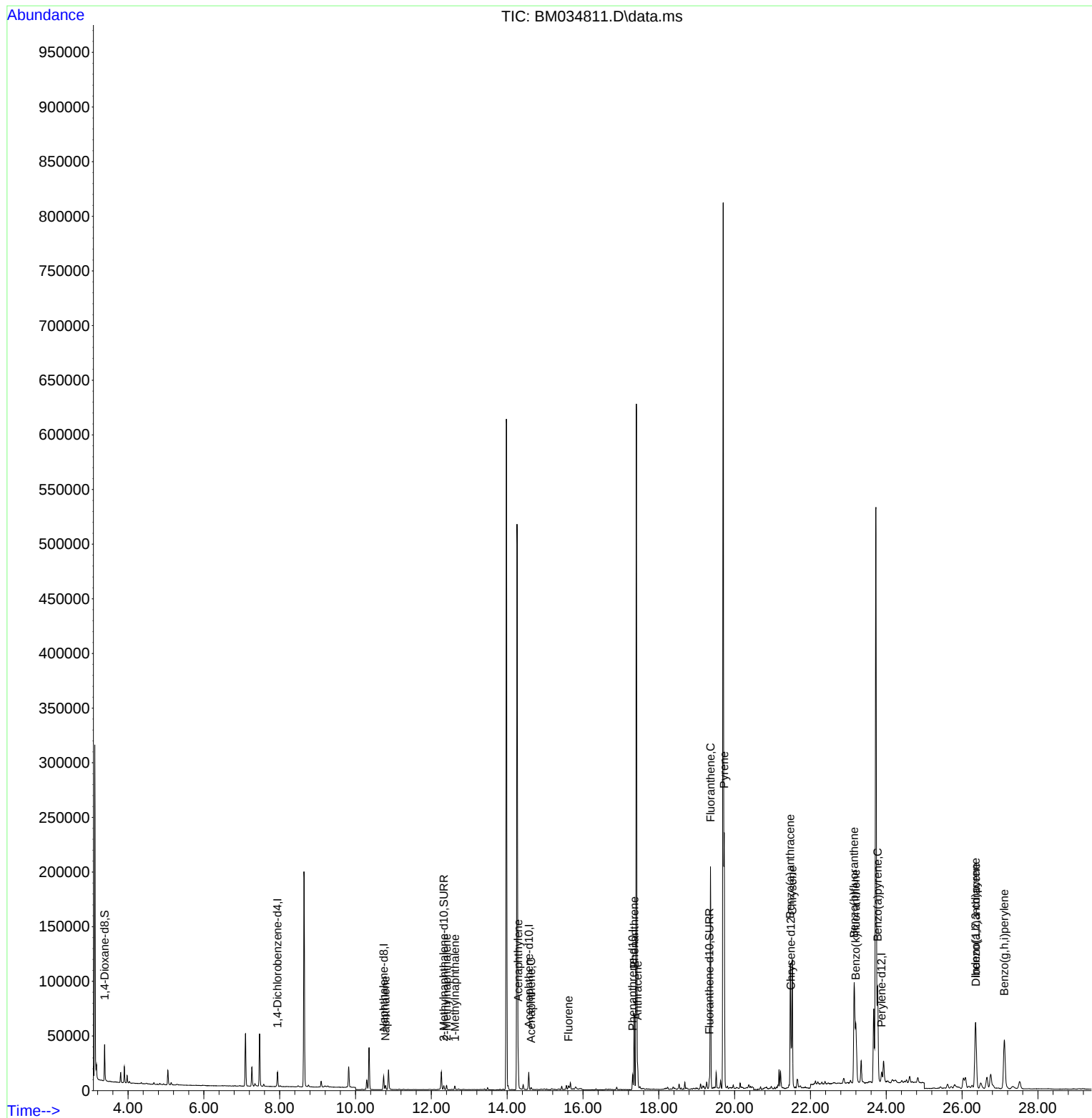
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034811.D
Acq On : 25 Apr 2022 22:26
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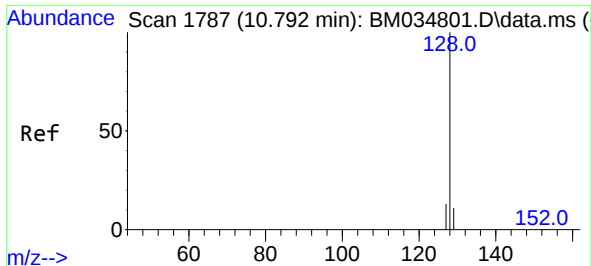
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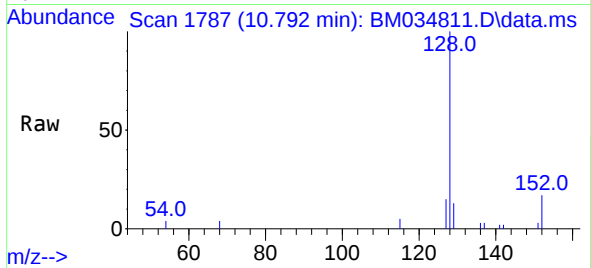
Quant Time: Apr 26 03:07:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

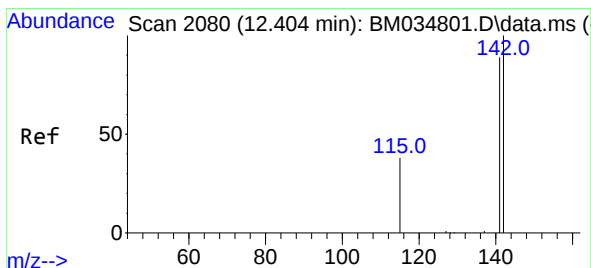
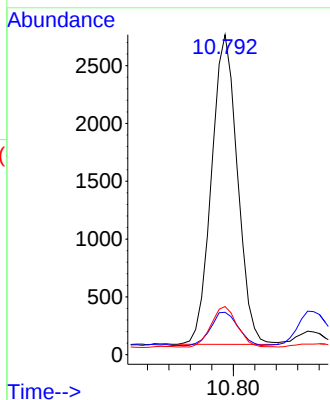
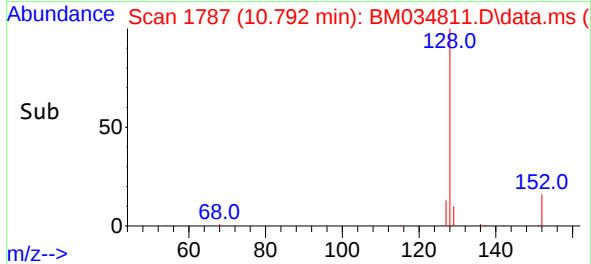
Instrument :
BNA_M
ClientSampleId :
BFFF0



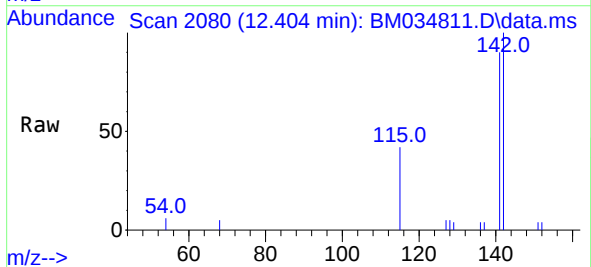
Tgt Ion:128 Resp: 4500
Ion Ratio Lower Upper
128 100
129 13.3 13.4 20.2
127 15.1 15.2 22.8

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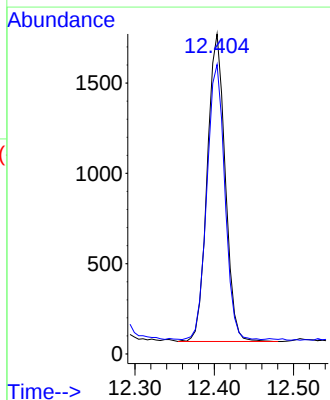
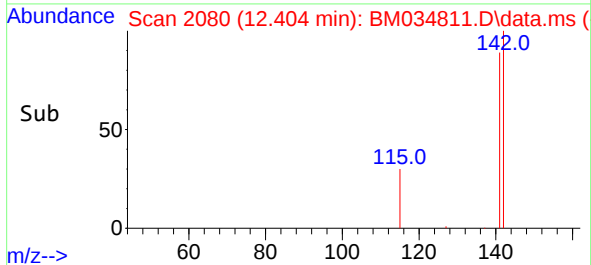
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

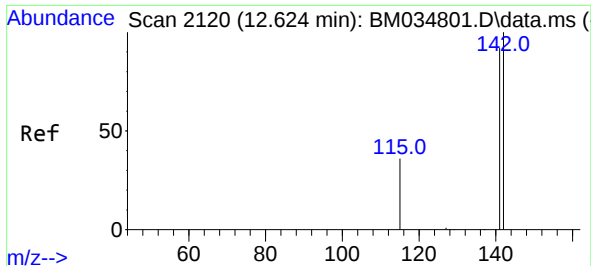


#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



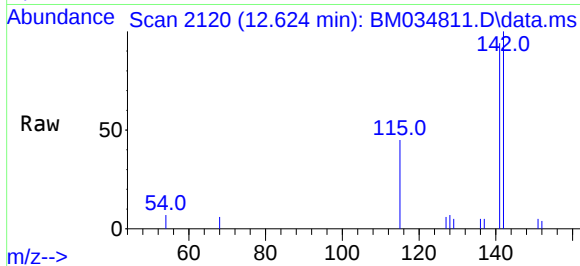
Tgt Ion:142 Resp: 2677
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.072 ng/u1
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

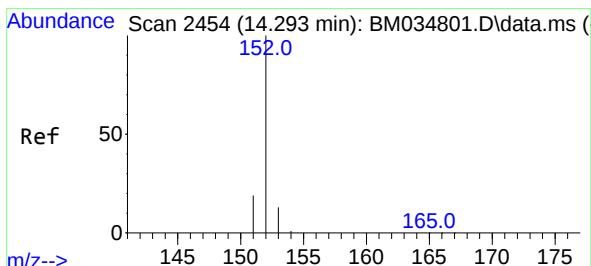
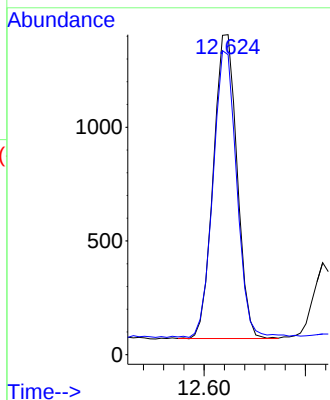
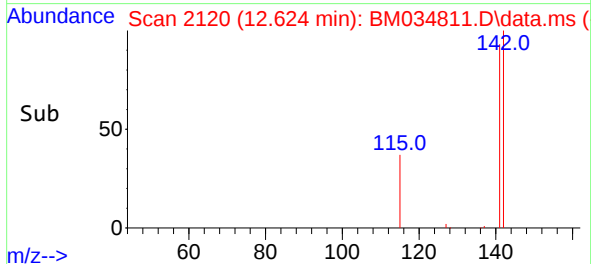
Instrument :
BNA_M
ClientSampleId :
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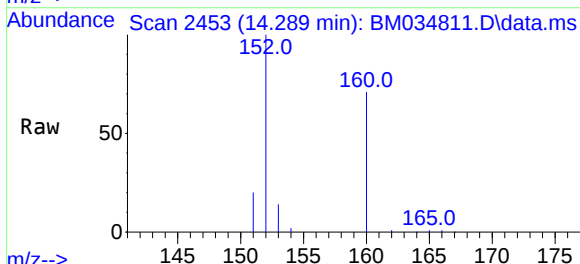
Tgt Ion:142 Resp: 2170
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4

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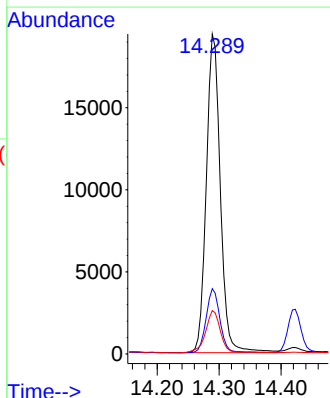
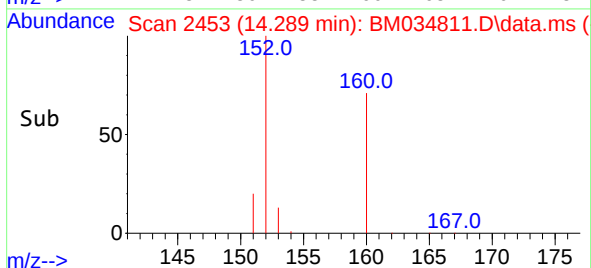
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

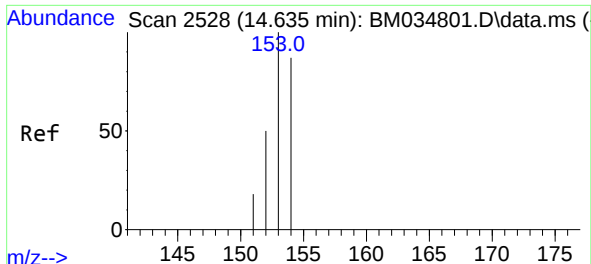


#10
Acenaphthylene
Concen: 0.834 ng/u1
RT: 14.289 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



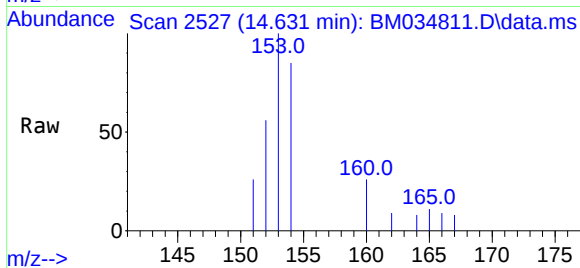
Tgt Ion:152 Resp: 30405
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.6 15.0 22.4#





#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.631 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

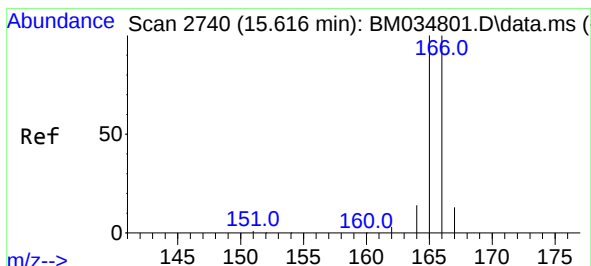
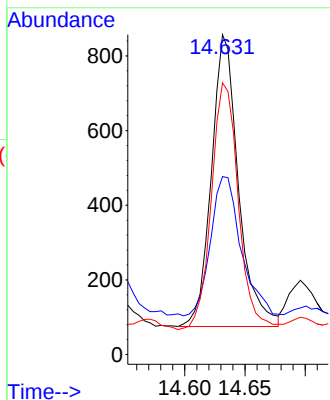
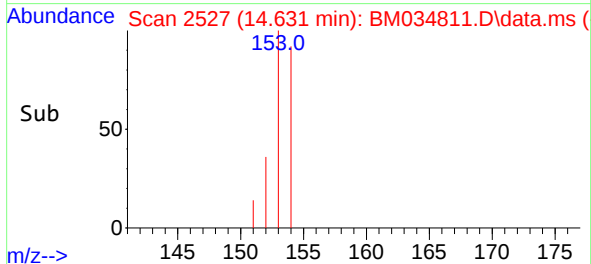
Instrument :
BNA_M
ClientSampleId :
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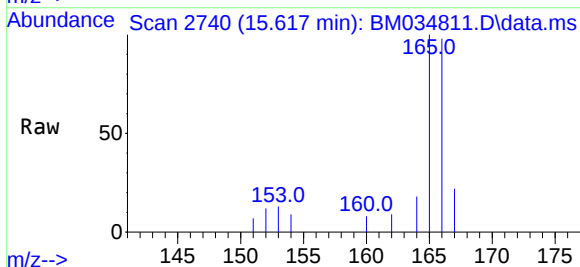
Tgt Ion:153 Resp: 122
Ion Ratio Lower Upper
153 100
152 55.7 42.4 63.6
154 84.9 66.2 99.2

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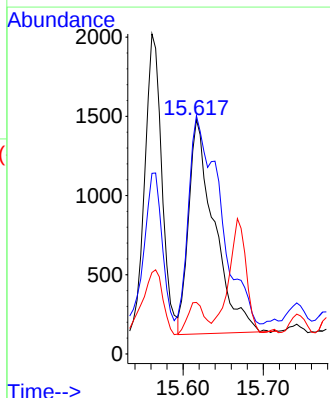
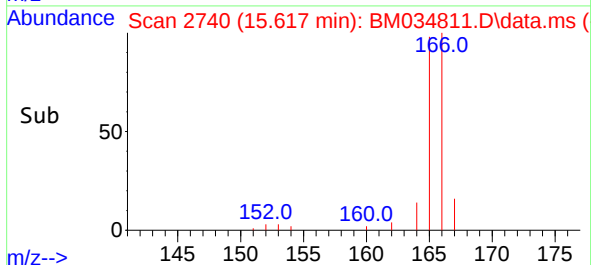
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

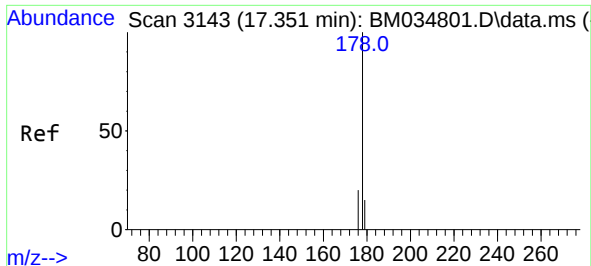


#12
Fluorene
Concen: 0.086 ng/ul
RT: 15.617 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



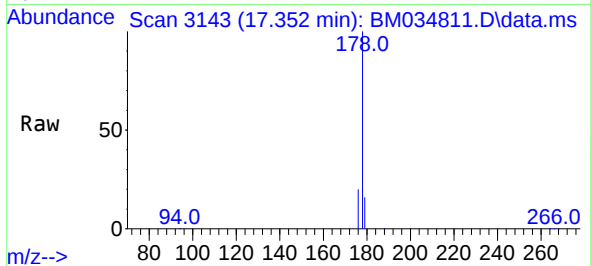
Tgt Ion:166 Resp: 2991
Ion Ratio Lower Upper
166 100
165 101.6 81.1 121.7
167 22.0 14.9 22.3





#15
Phenanthrene
Concen: 1.353 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

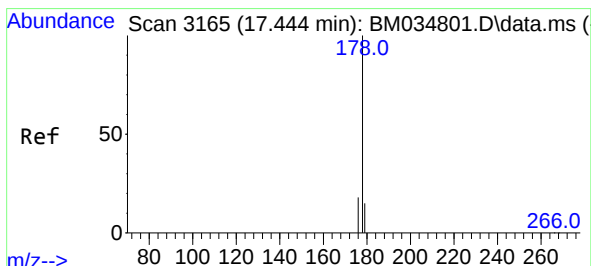
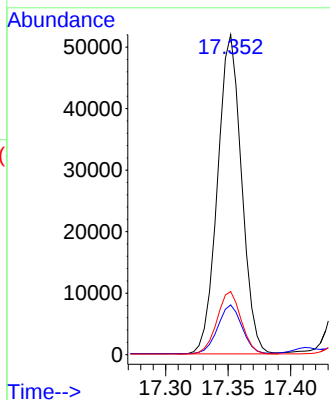
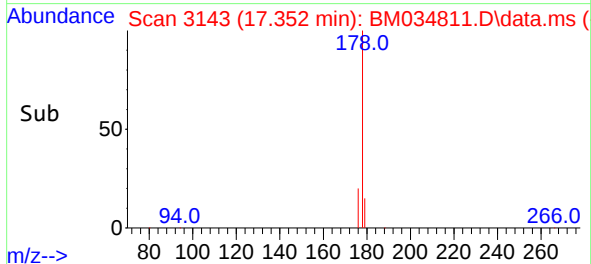
Instrument :
BNA_M
ClientSampleId :
BFFF0



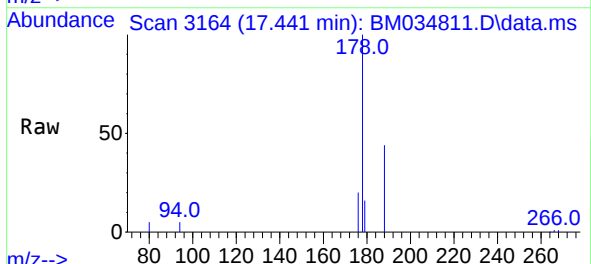
Tgt Ion:178 Resp: 6934
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.7 17.9 26.9

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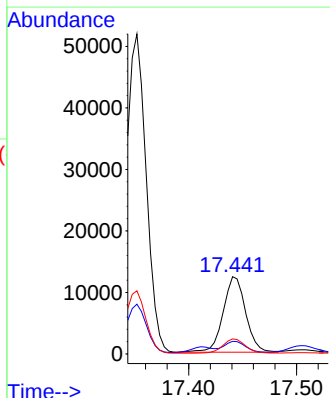
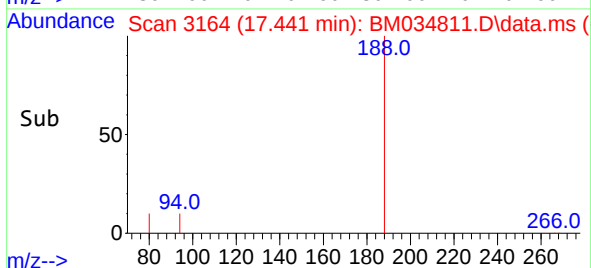
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

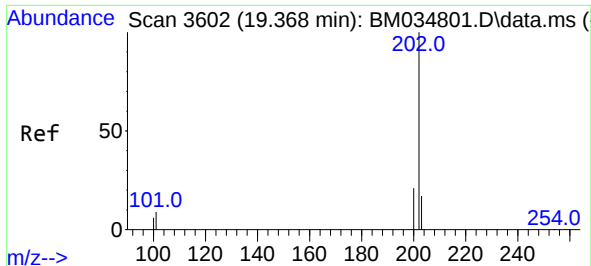


#16
Anthracene
Concen: 0.388 ng/u1
RT: 17.441 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



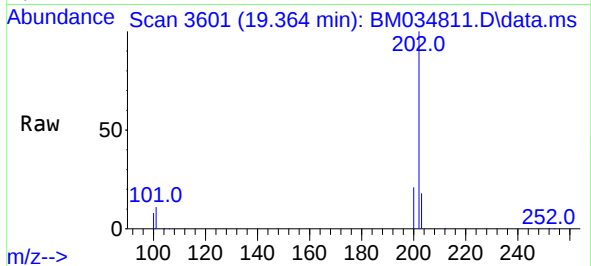
Tgt Ion:178 Resp: 17723
Ion Ratio Lower Upper
178 100
179 16.5 16.5 24.7#
176 19.6 18.3 27.5





#19
Fluoranthene
Concen: 2.912 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

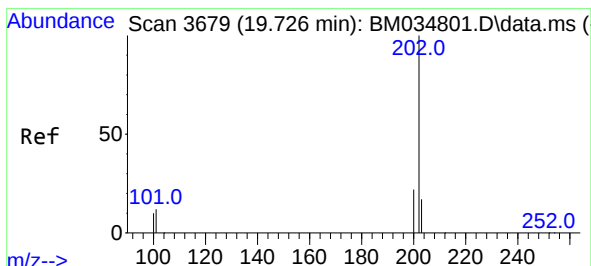
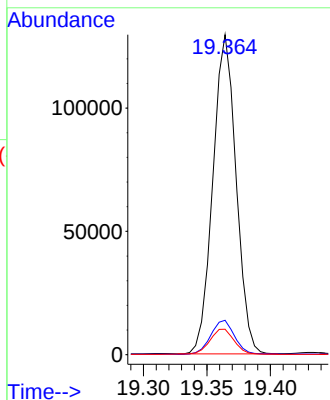
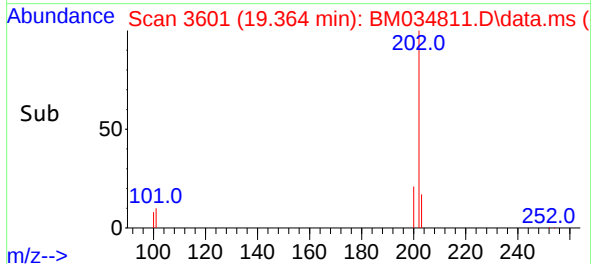
Instrument :
BNA_M
ClientSampleId :
BFFF0



Tgt Ion:202 Resp: 164778
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 7.9 7.2 10.8

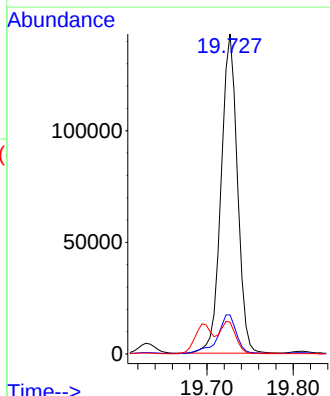
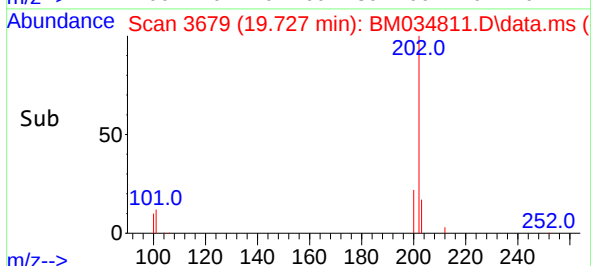
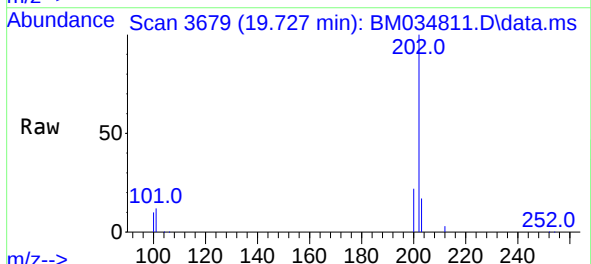
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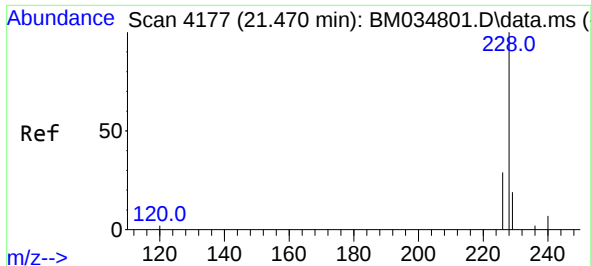
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#20
Pyrene
Concen: 3.319 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

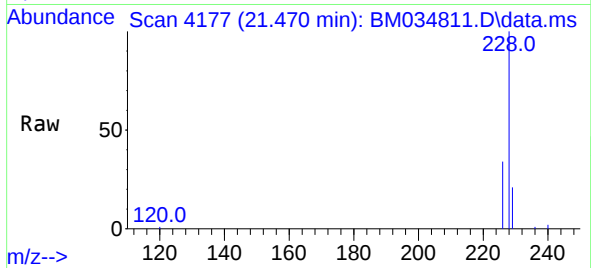
Tgt Ion:202 Resp: 188602
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.9 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.027 ng/u1
RT: 21.470 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

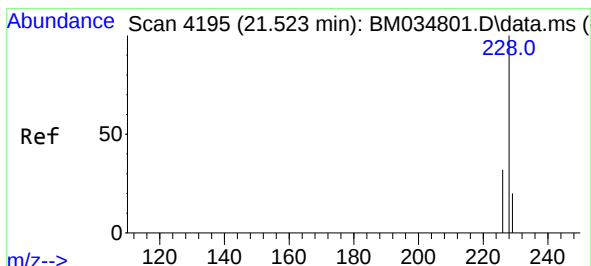
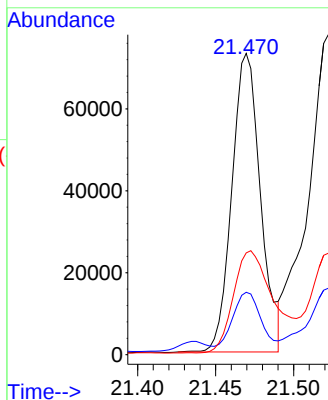
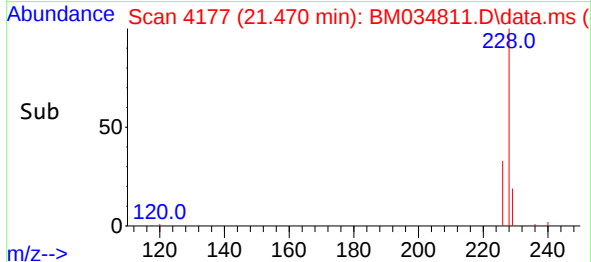
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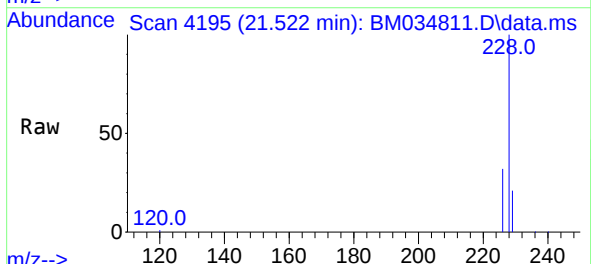
Tgt Ion:228 Resp: 92958
Ion Ratio Lower Upper
228 100
229 20.7 17.3 25.9
226 33.8 23.2 34.8

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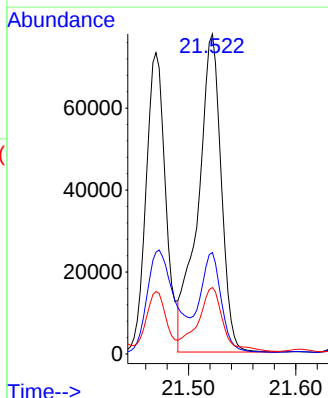
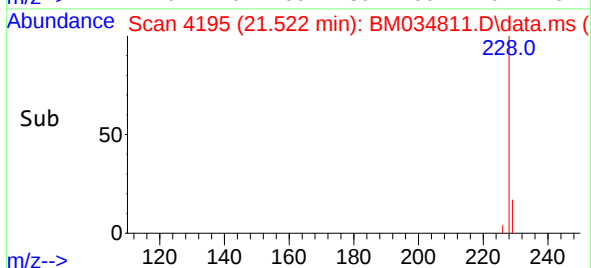
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

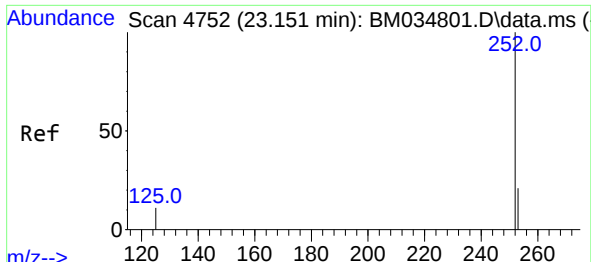


#22
Chrysene
Concen: 2.385 ng/u1
RT: 21.522 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



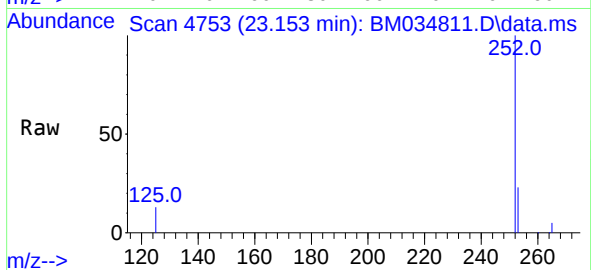
Tgt Ion:228 Resp: 116605
Ion Ratio Lower Upper
228 100
226 31.7 25.8 38.8
229 20.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.017 ng/ul
RT: 23.153 min Scan# 4752
Delta R.T. 0.001 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

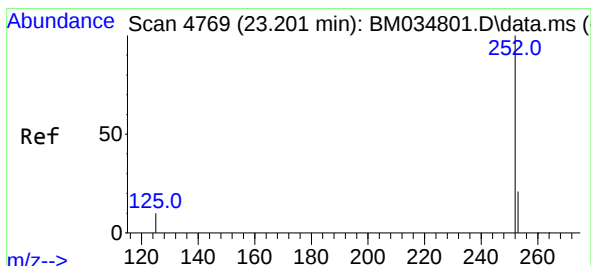
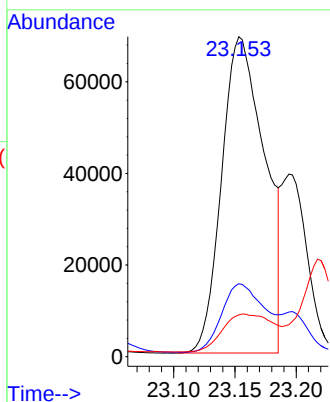
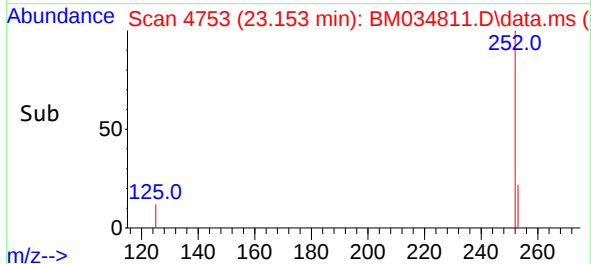
Instrument :
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ClientSampleId :
BFFF0



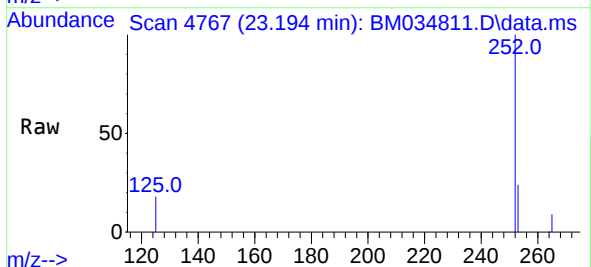
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Ion Ratio Lower Upper
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253 22.8 0.0 64.2
125 13.1 0.0 28.8

Manual Integrations
APPROVED

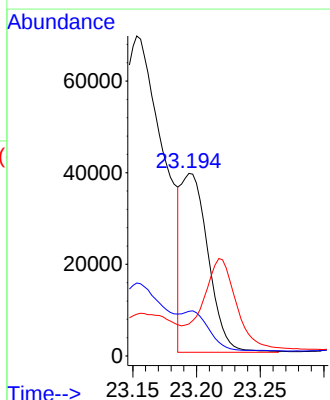
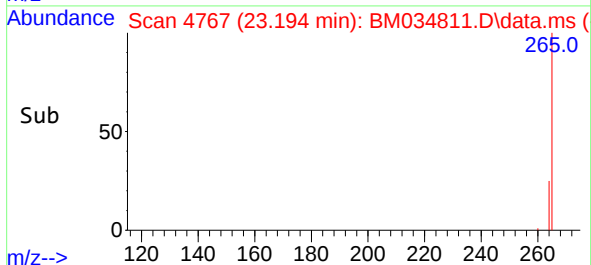
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

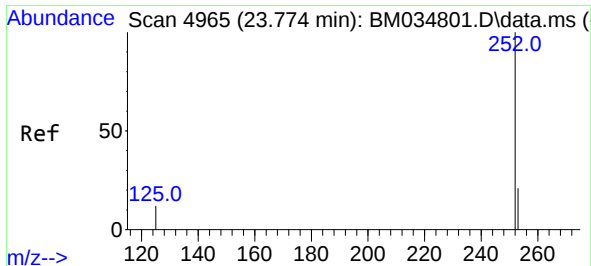


#25
Benzo(k)fluoranthene
Concen: 1.029 ng/ul m
RT: 23.194 min Scan# 4767
Delta R.T. -0.008 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



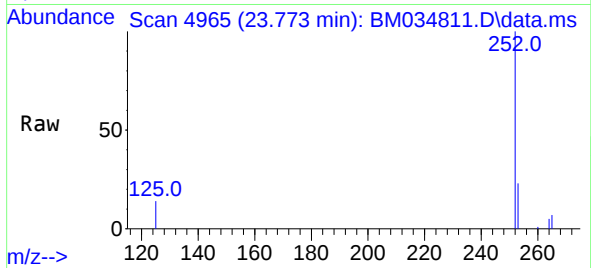
Tgt Ion:252 Resp: 57494
Ion Ratio Lower Upper
252 100
253 24.5 26.8 40.2#
125 17.5 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.705 ng/u1
RT: 23.773 min Scan# 4965
Delta R.T. -0.002 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

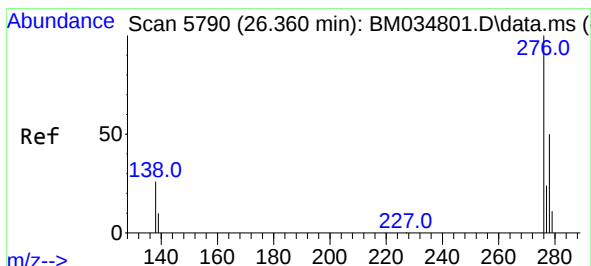
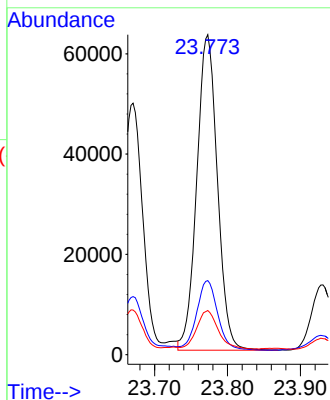
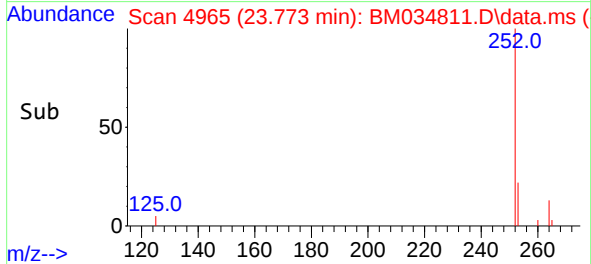
Instrument :
BNA_M
ClientSampleId :
BFFF0



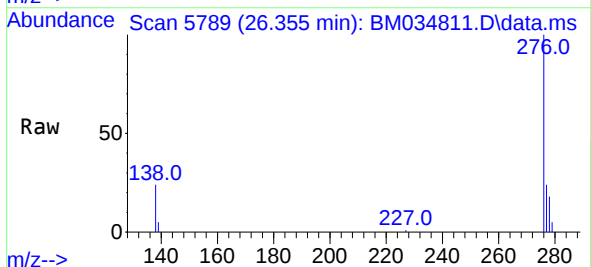
Tgt Ion:252 Resp: 123460
Ion Ratio Lower Upper
252 100
253 23.2 32.0 48.0#
125 13.8 14.5 21.7#

Manual Integrations
APPROVED

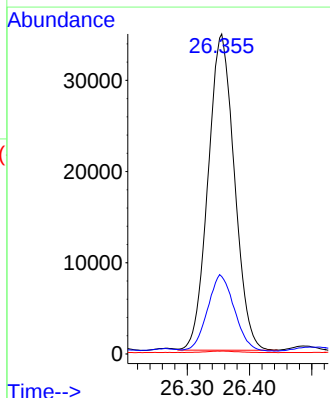
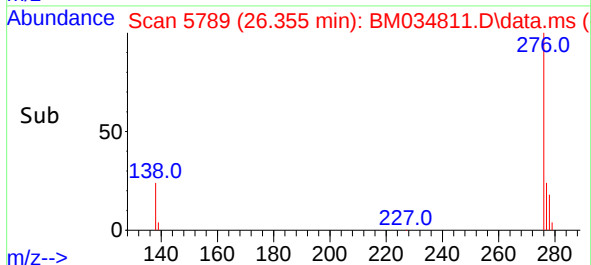
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

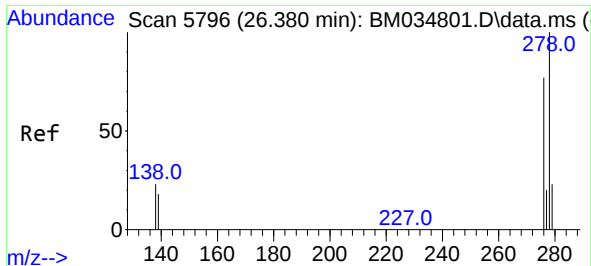


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.588 ng/u1
RT: 26.355 min Scan# 5789
Delta R.T. -0.006 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



Tgt Ion:276 Resp: 101734
Ion Ratio Lower Upper
276 100
138 24.6 15.8 23.6#
227 0.6 0.0 0.0#





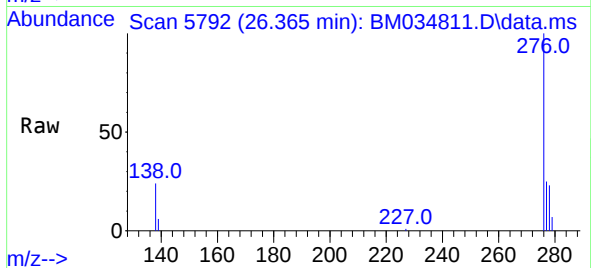
#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.365 min Scan# 5792
Delta R.T. -0.019 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26

Instrument :

BNA_M

ClientSampleId :

BFFF0

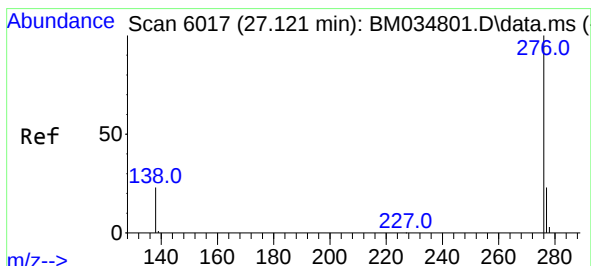
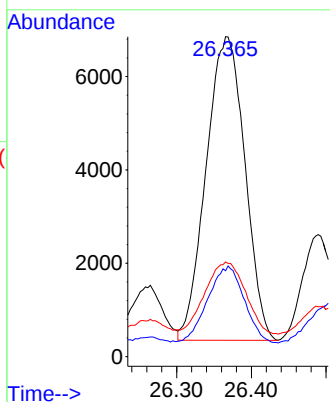
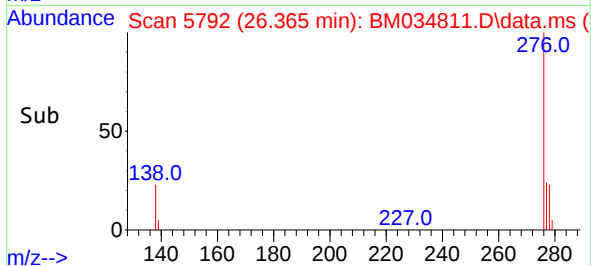


Tgt Ion:278 Resp: 23429
Ion Ratio Lower Upper
278 100
139 26.8 18.0 27.0
279 29.6 28.6 42.8

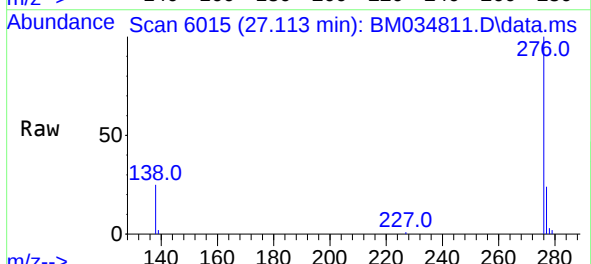
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.764 ng/ul
RT: 27.113 min Scan# 6015
Delta R.T. -0.006 min
Lab File: BM034811.D
Acq: 25 Apr 2022 22:26



Tgt Ion:276 Resp: 97565
Ion Ratio Lower Upper
276 100
138 25.0 17.4 26.0
277 24.1 22.6 33.8

