

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034821.D
 Acq On : 26 Apr 2022 04:58
 Operator : CG/JU
 Sample : N2374-04DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD9DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 05:34:51 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	8973	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	22705	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	11361	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	20921	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	15828	0.400	ng/ul	# 0.00
23) Perylene-d12	23.873	264	17529	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	5083	0.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	1387	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	2750	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	2121	0.033	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	1289	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.618	142	1744	0.041	ng/ul	98
10) Acenaphthylene	14.293	152	7549	0.152	ng/ul	93
11) Acenaphthene	14.631	153	12767	0.304	ng/ul	95
12) Fluorene	15.616	166	15268	0.323	ng/ul	98
15) Phenanthrene	17.351	178	510767	7.385	ng/ul	93
16) Anthracene	17.440	178	40019	0.649	ng/ul#	92
19) Fluoranthene	19.364	202	936579	12.326	ng/ul	96
20) Pyrene	19.726	202	745609	9.770	ng/ul	100
21) Benzo(a)anthracene	21.468	228	263421	4.278	ng/ul	99
22) Chrysene	21.520	228	369123	5.622	ng/ul	98
24) Benzo(b)fluoranthene	23.151	252	493571	6.167	ng/ul	87
25) Benzo(k)fluoranthene	23.195	252	178885m	2.237	ng/ul	
26) Benzo(a)pyrene	23.771	252	291376	4.461	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.353	276	255698	2.789	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.366	278	56749m	0.761	ng/ul	
29) Benzo(g,h,i)perylene	27.114	276	215964	2.728	ng/ul	93

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

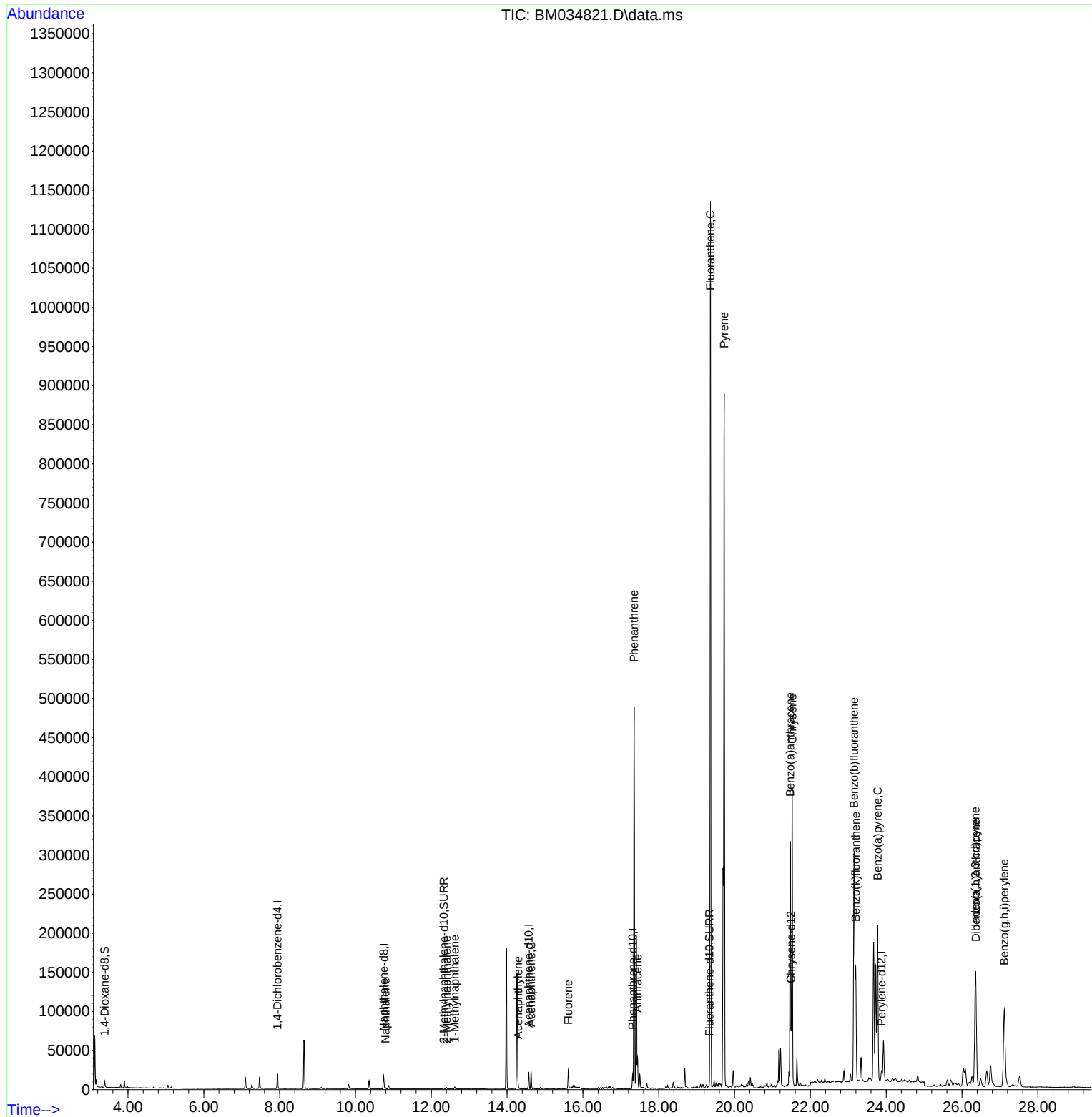
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034821.D
Acq On : 26 Apr 2022 04:58
Operator : CG/JU
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ALS Vial : 30 Sample Multiplier: 1

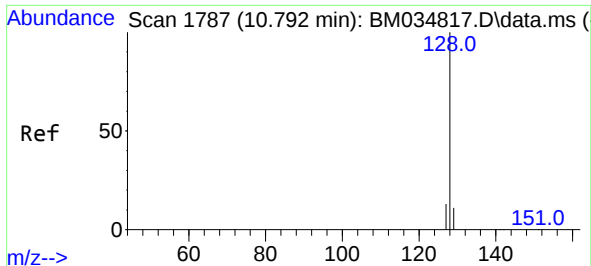
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Supervised By :Yogesh Patel 04/29/2022

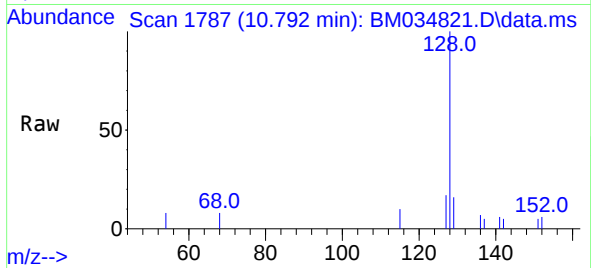
Quant Time: Apr 26 05:34:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/u1
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

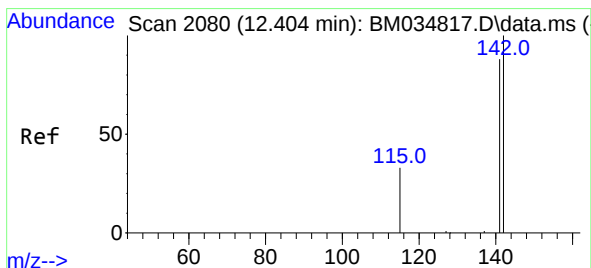
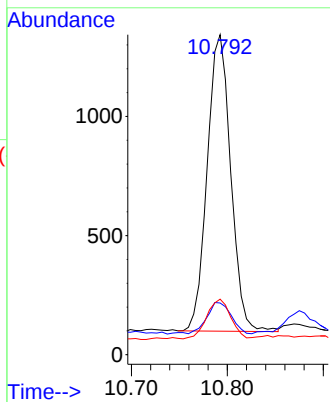
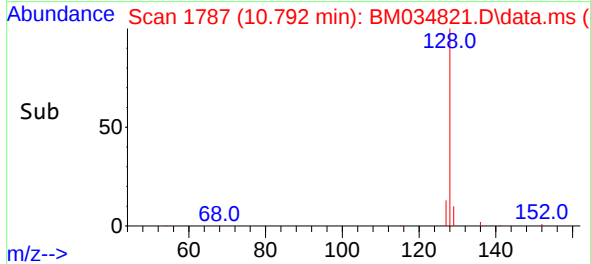
Instrument :
BNA_M
ClientSampleId :
BFFD9DL



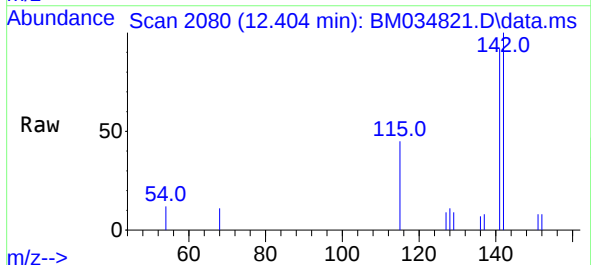
Tgt Ion:128 Resp: 212
Ion Ratio Lower Upper
128 100
129 16.2 13.4 20.2
127 17.3 15.2 22.8

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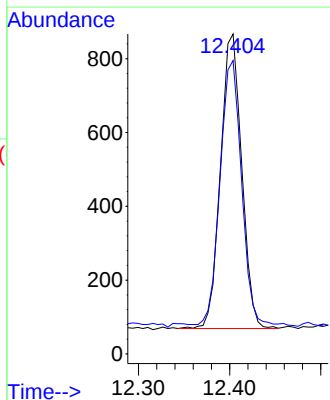
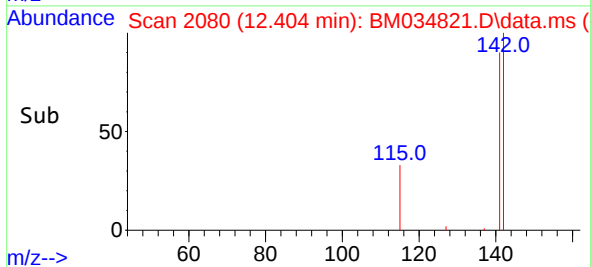
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

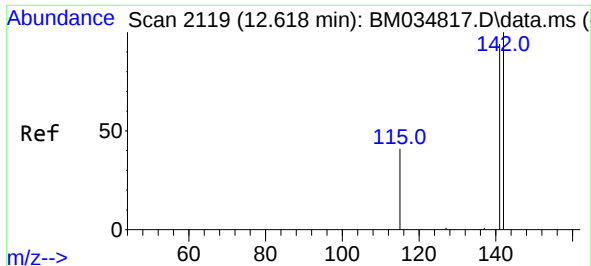


#7
2-Methylnaphthalene
Concen: 0.030 ng/u1
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



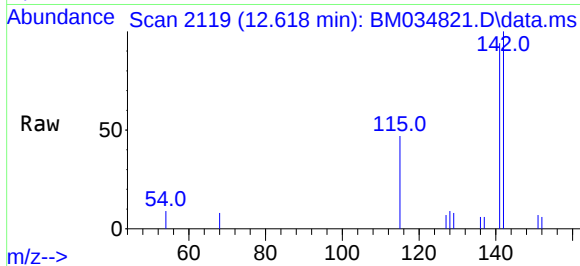
Tgt Ion:142 Resp: 1289
Ion Ratio Lower Upper
142 100
141 92.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.041 ng/u1
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

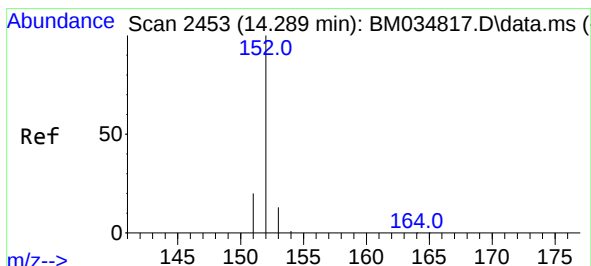
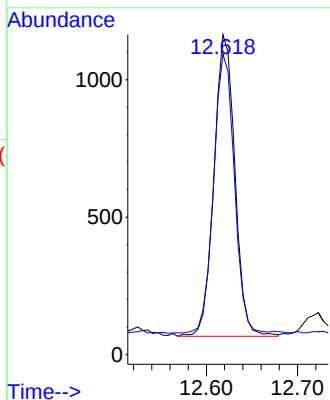
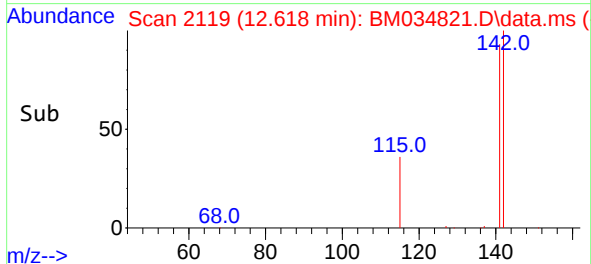
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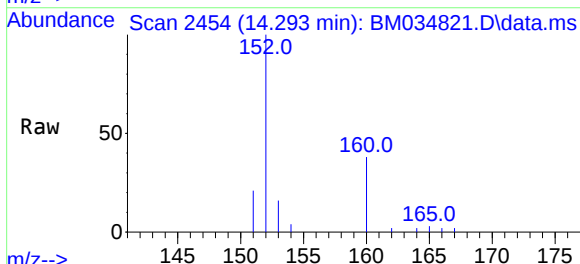
Tgt Ion:142 Resp: 1744
Ion Ratio Lower Upper
142 100
141 91.5 75.0 112.4

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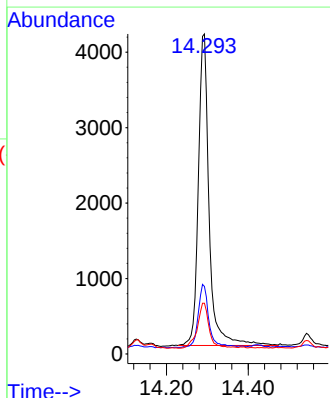
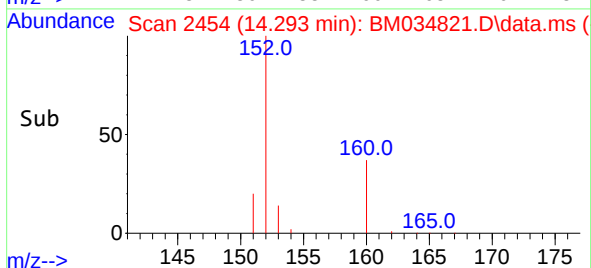
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

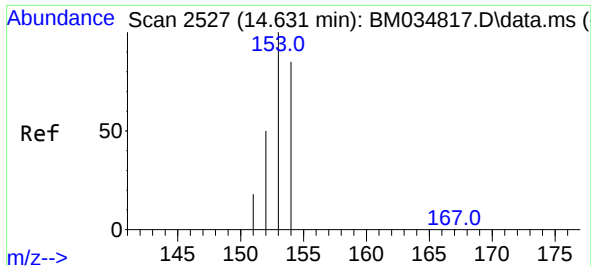


#10
Acenaphthylene
Concen: 0.152 ng/u1
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



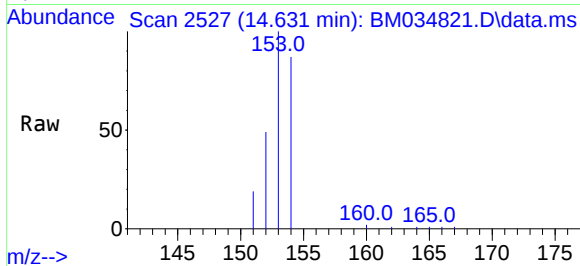
Tgt Ion:152 Resp: 7549
Ion Ratio Lower Upper
152 100
151 21.1 19.9 29.9
153 15.8 15.0 22.4





#11
Acenaphthene
Concen: 0.304 ng/u1
RT: 14.631 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

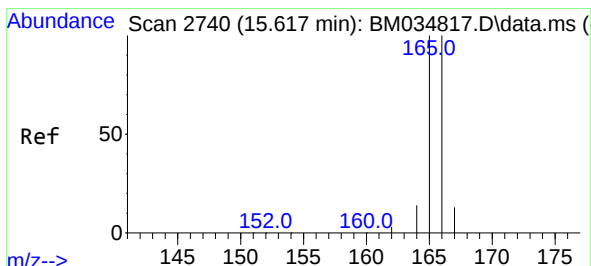
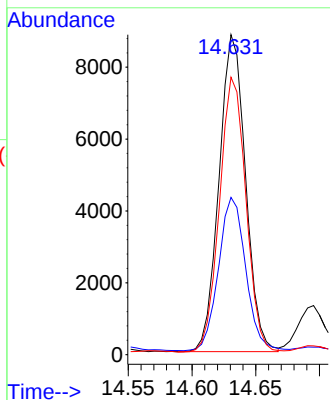
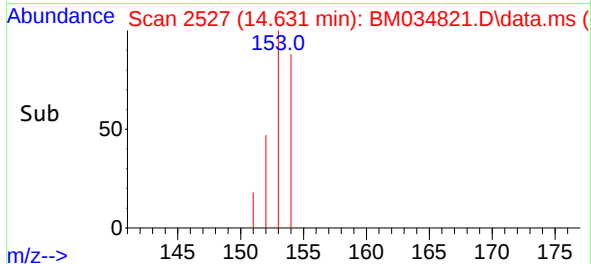
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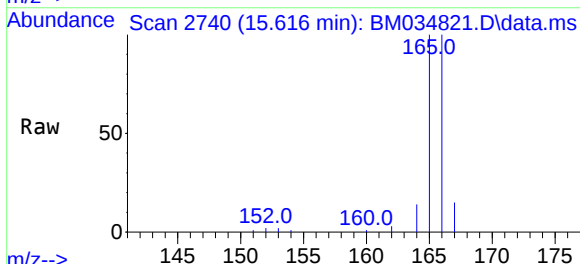
Tgt Ion:153 Resp: 1276
Ion Ratio Lower Upper
153 100
152 49.1 42.4 63.6
154 86.7 66.2 99.2

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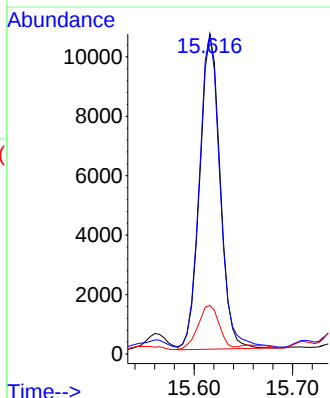
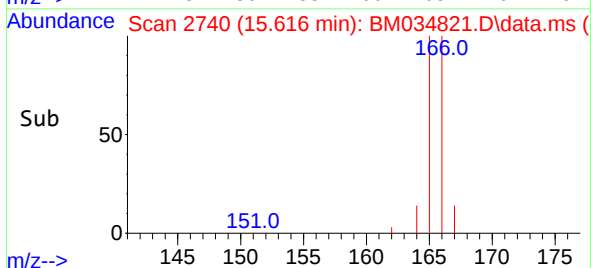
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

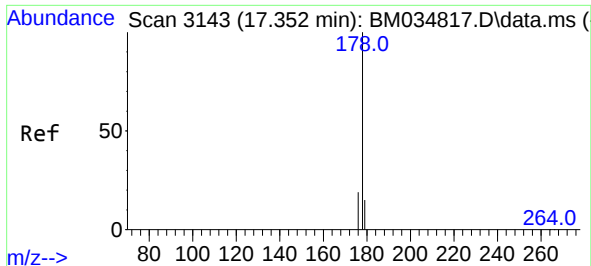


#12
Fluorene
Concen: 0.323 ng/u1
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



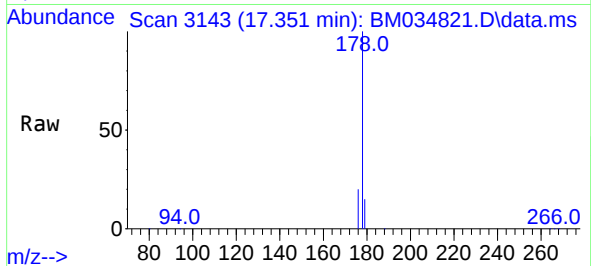
Tgt Ion:166 Resp: 15268
Ion Ratio Lower Upper
166 100
165 100.3 81.1 121.7
167 15.3 14.9 22.3





#15
Phenanthrene
Concen: 7.385 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

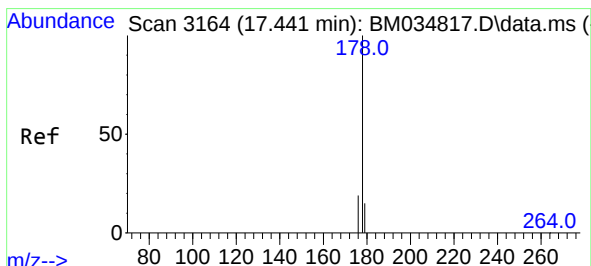
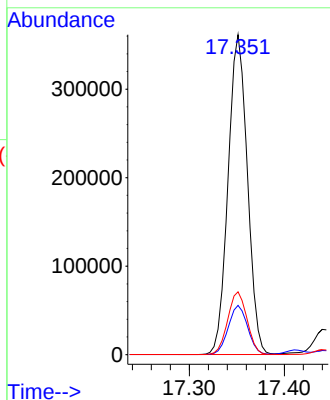
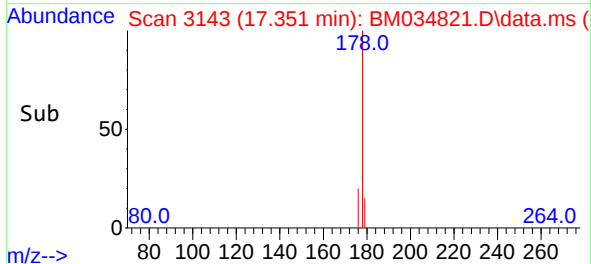
Instrument :
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ClientSampleId :
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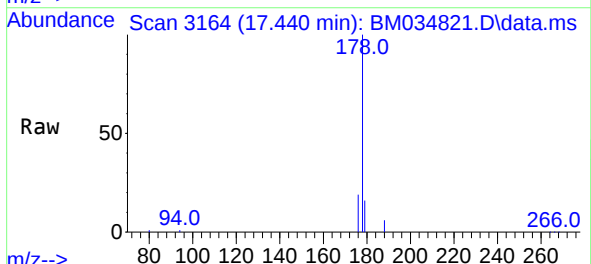
Tgt Ion:178 Resp: 51076
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.7 17.9 26.9

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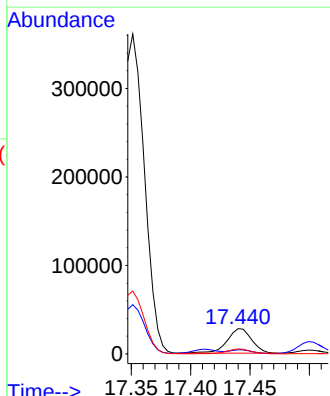
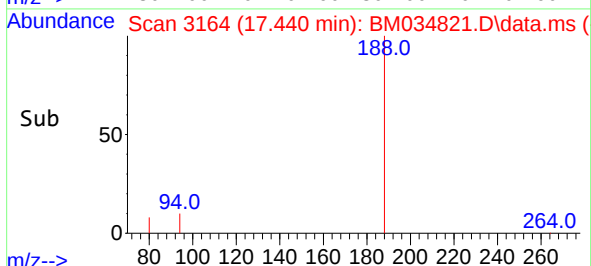
Reviewed By :Jagrut Upadhyay 04/26/2022
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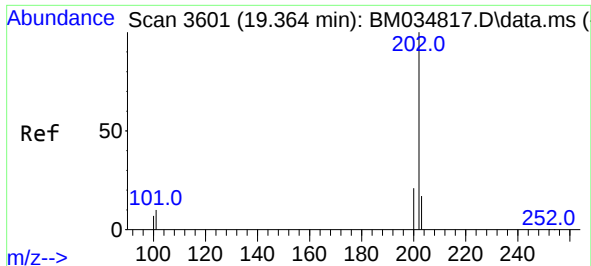


#16
Anthracene
Concen: 0.649 ng/u1
RT: 17.440 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



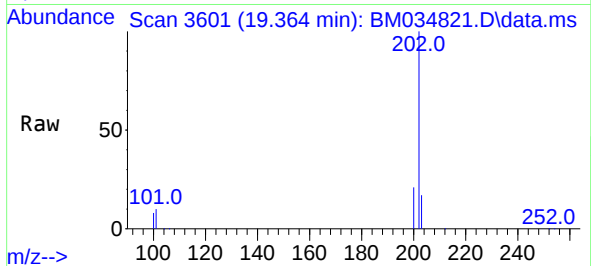
Tgt Ion:178 Resp: 40019
Ion Ratio Lower Upper
178 100
179 16.3 16.5 24.7#
176 19.4 18.3 27.5





#19
Fluoranthene
Concen: 12.326 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

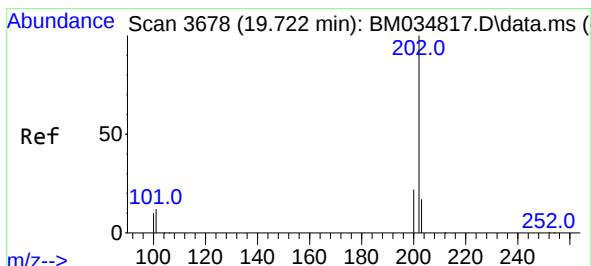
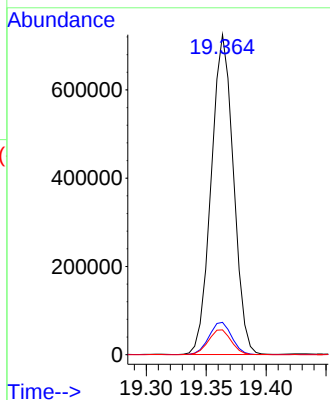
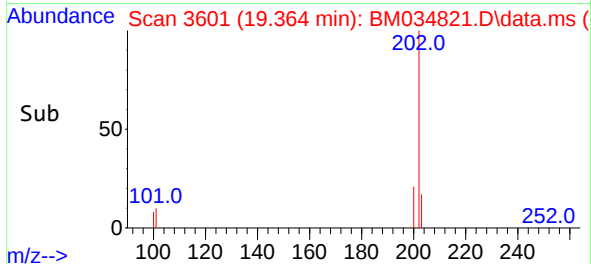
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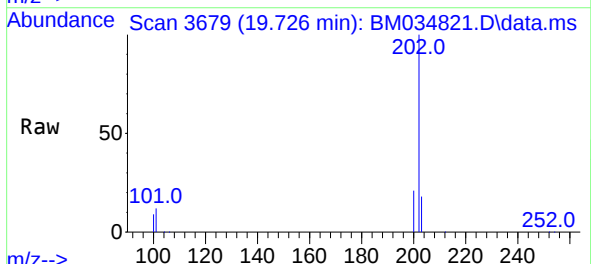
Tgt Ion:202 Resp: 936579
Ion Ratio Lower Upper
202 100
101 10.1 9.2 13.8
100 7.8 7.2 10.8

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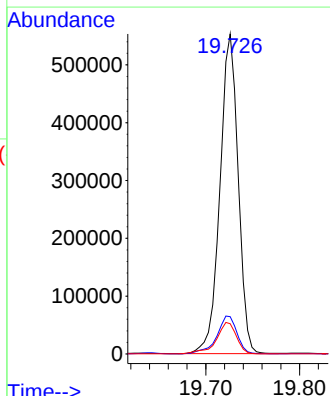
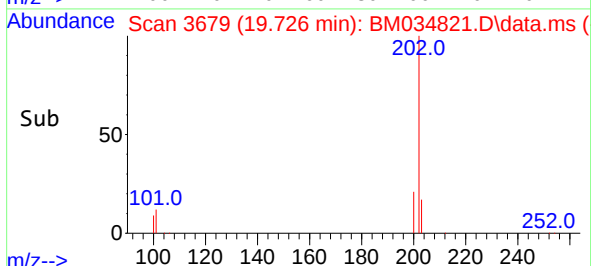
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

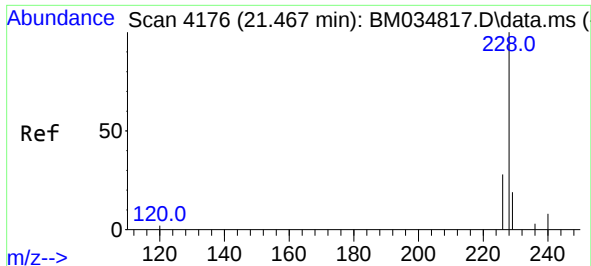


#20
Pyrene
Concen: 9.770 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



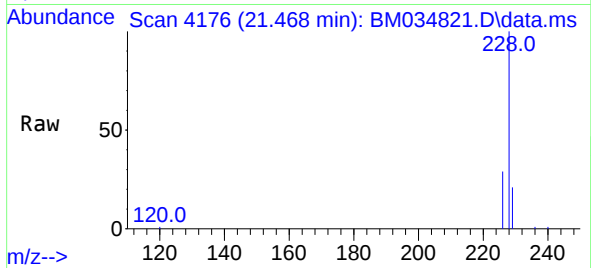
Tgt Ion:202 Resp: 745609
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 9.5 7.8 11.6





#21
Benzo(a)anthracene
Concen: 4.278 ng/u1
RT: 21.468 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

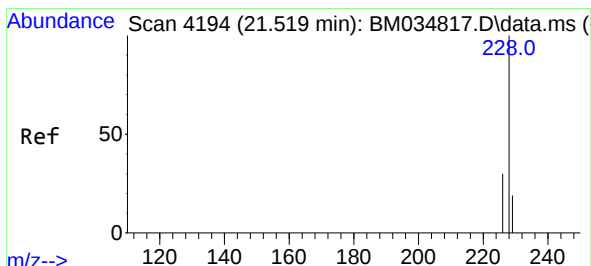
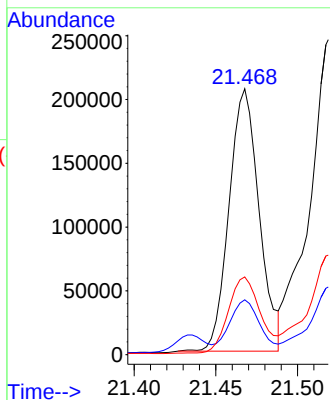
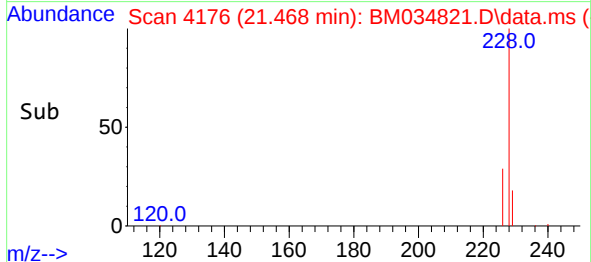
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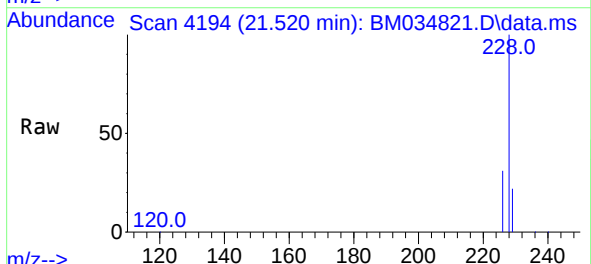
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Ion Ratio Lower Upper
228 100
229 20.7 17.3 25.9
226 29.2 23.2 34.8

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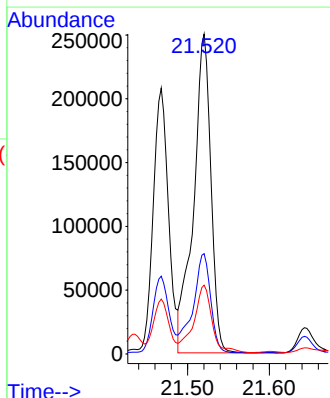
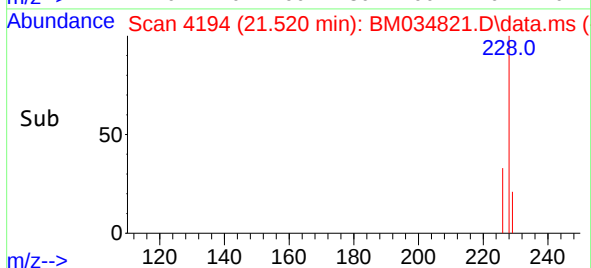
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

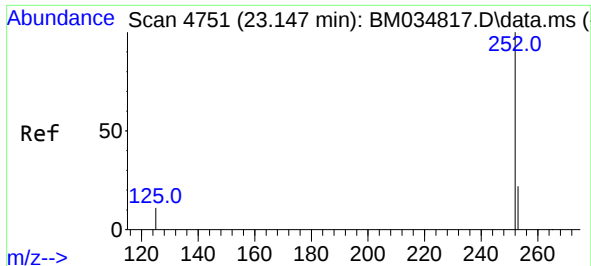


#22
Chrysene
Concen: 5.622 ng/u1
RT: 21.520 min Scan# 4194
Delta R.T. -0.004 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



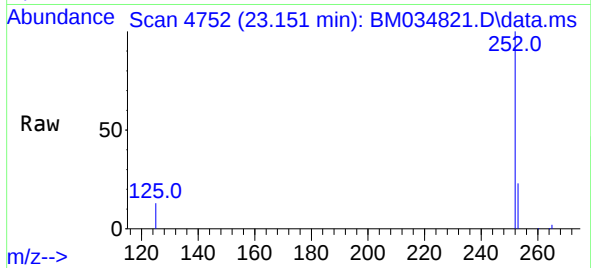
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Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 6.167 ng/ul
RT: 23.151 min Scan# 4751
Delta R.T. -0.001 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

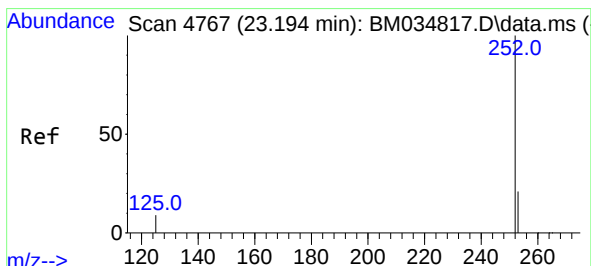
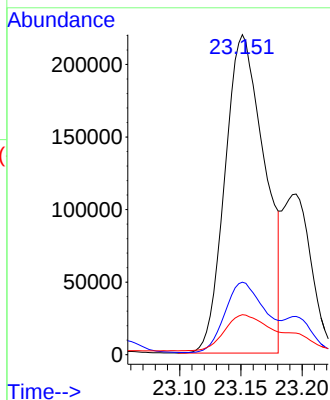
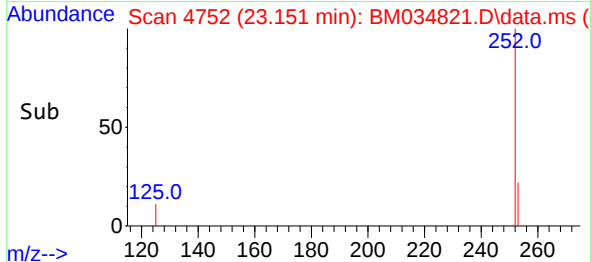
Instrument :
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ClientSampleId :
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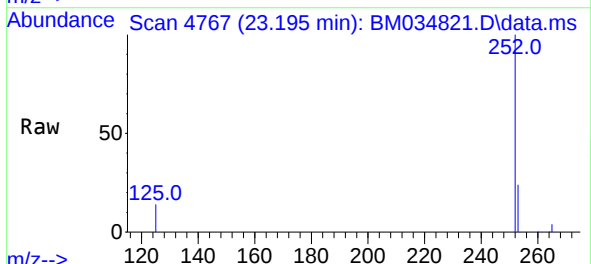
Tgt Ion:252 Resp: 49357
Ion Ratio Lower Upper
252 100
253 22.6 0.0 64.2
125 12.5 0.0 28.8

Manual Integrations
APPROVED

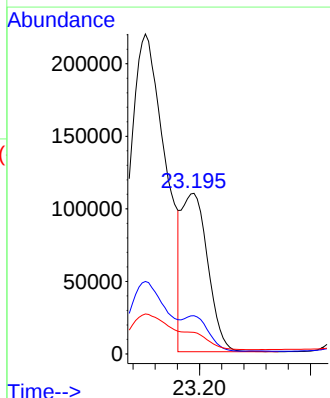
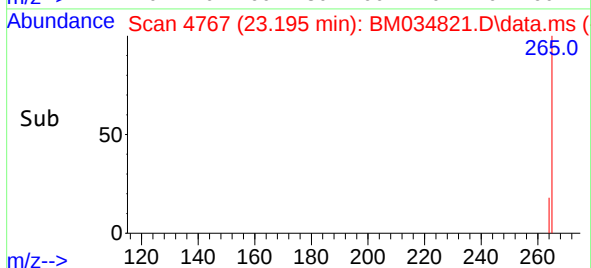
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

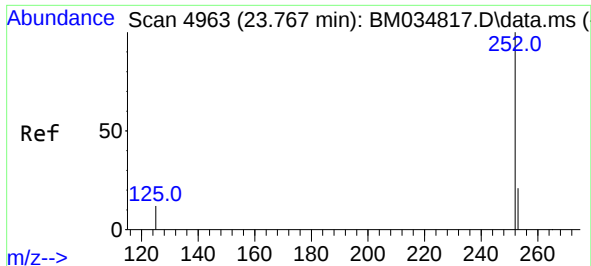


#25
Benzo(k)fluoranthene
Concen: 2.237 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. -0.007 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



Tgt Ion:252 Resp: 178885
Ion Ratio Lower Upper
252 100
253 23.8 26.8 40.2#
125 13.5 12.0 18.0





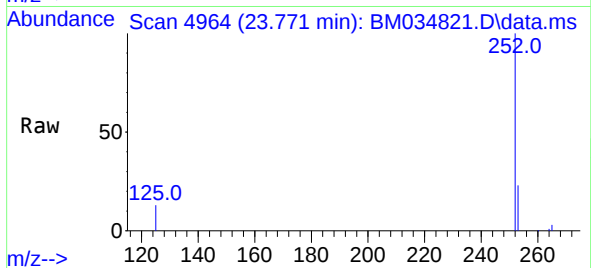
#26
Benzo(a)pyrene
Concen: 4.461 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. -0.004 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

Instrument :

BNA_M

ClientSampleId :

BFFD9DL

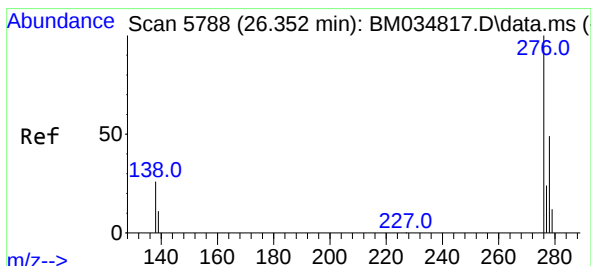
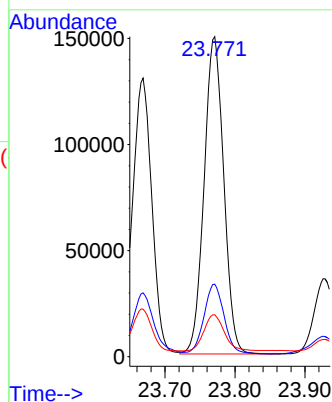


Tgt Ion:252 Resp: 291370
Ion Ratio Lower Upper
252 100
253 22.6 32.0 48.0
125 13.1 14.5 21.7

Manual Integrations

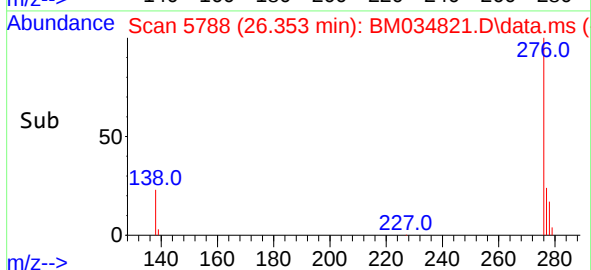
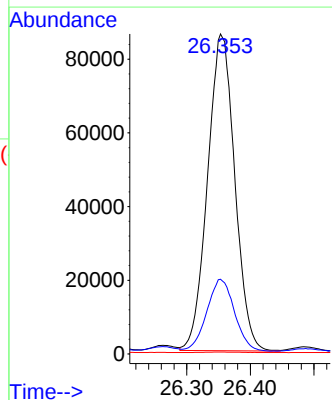
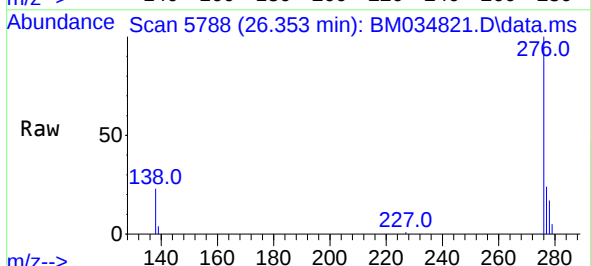
APPROVED

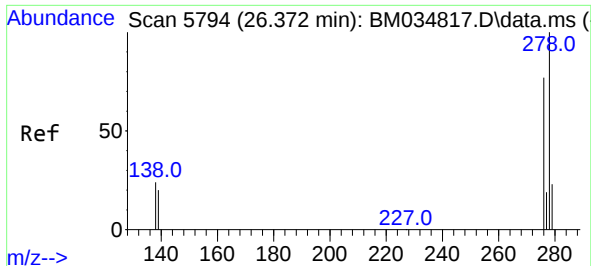
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.789 ng/ul
RT: 26.353 min Scan# 5788
Delta R.T. -0.008 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

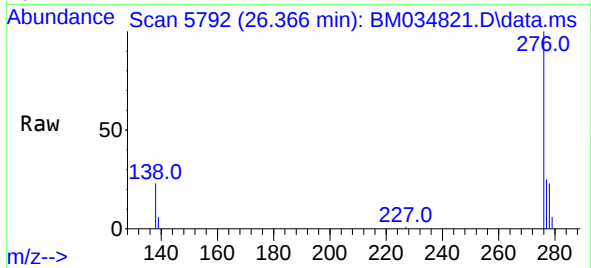
Tgt Ion:276 Resp: 255698
Ion Ratio Lower Upper
276 100
138 23.1 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.761 ng/ul m
RT: 26.366 min Scan# 5794
Delta R.T. -0.018 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58

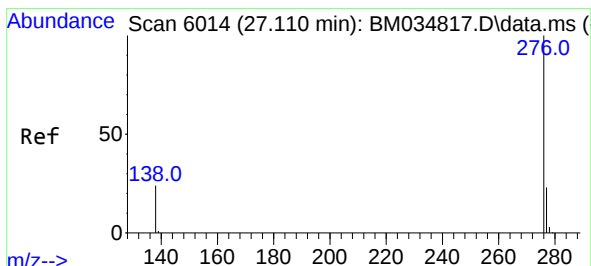
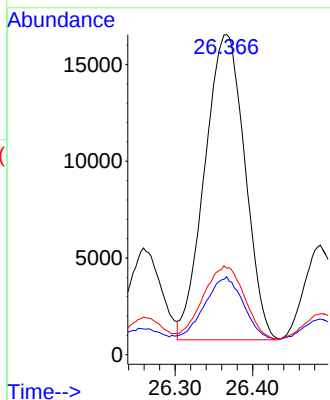
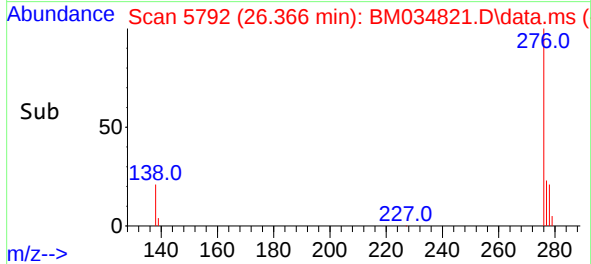
Instrument :
BNA_M
ClientSampleId :
BFFD9DL



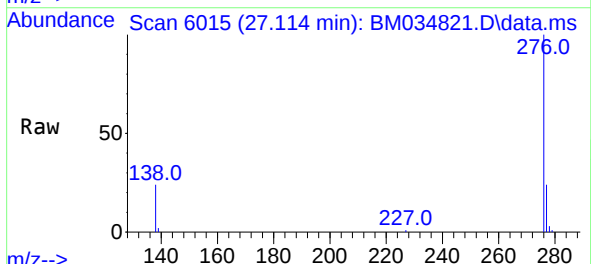
Tgt Ion:278 Resp: 56749
Ion Ratio Lower Upper
278 100
139 24.4 18.0 27.0
279 27.0 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.728 ng/ul
RT: 27.114 min Scan# 6015
Delta R.T. -0.005 min
Lab File: BM034821.D
Acq: 26 Apr 2022 04:58



Tgt Ion:276 Resp: 215964
Ion Ratio Lower Upper
276 100
138 24.0 17.4 26.0
277 23.9 22.6 33.8

