

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038229.D
 Acq On : 23 Dec 2022 12:58
 Operator : CG/JU
 Sample : N6014-14DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 23 23:22:58 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 22 23:36:45 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4094	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	12338	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6920	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	13885	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	9071	0.400	ng/ul	# 0.00
23) Perylene-d12	24.029	264	9532	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	5333	1.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	1652	0.091	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	2942	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	1323	0.037	ng/ul#	83
7) 2-Methylnaphthalene	12.506	142	560	0.025	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	557	0.024	ng/ul	97
10) Acenaphthylene	14.388	152	42832	1.121	ng/ul	99
11) Acenaphthene	14.726	153	2242	0.082	ng/ul	96
12) Fluorene	15.711	166	2277	0.077	ng/ul#	98
15) Phenanthrene	17.447	178	90142	1.940	ng/ul	99
16) Anthracene	17.535	178	33956	0.761	ng/ul	100
19) Fluoranthene	19.454	202	385219	7.751	ng/ul	97
20) Pyrene	19.817	202	323900	6.450	ng/ul	97
21) Benzo(a)anthracene	21.559	228	152700	3.838	ng/ul	98
22) Chrysene	21.615	228	142613m	3.683	ng/ul	
24) Benzo(b)fluoranthene	23.278	252	192864	4.571	ng/ul	89
25) Benzo(k)fluoranthene	23.322	252	69435m	1.713	ng/ul	
26) Benzo(a)pyrene	23.921	252	107061	2.908	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.589	276	74403	1.457	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.595	278	18626	0.470	ng/ul#	90
29) Benzo(g,h,i)perylene	27.383	276	66558	1.549	ng/ul	96

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

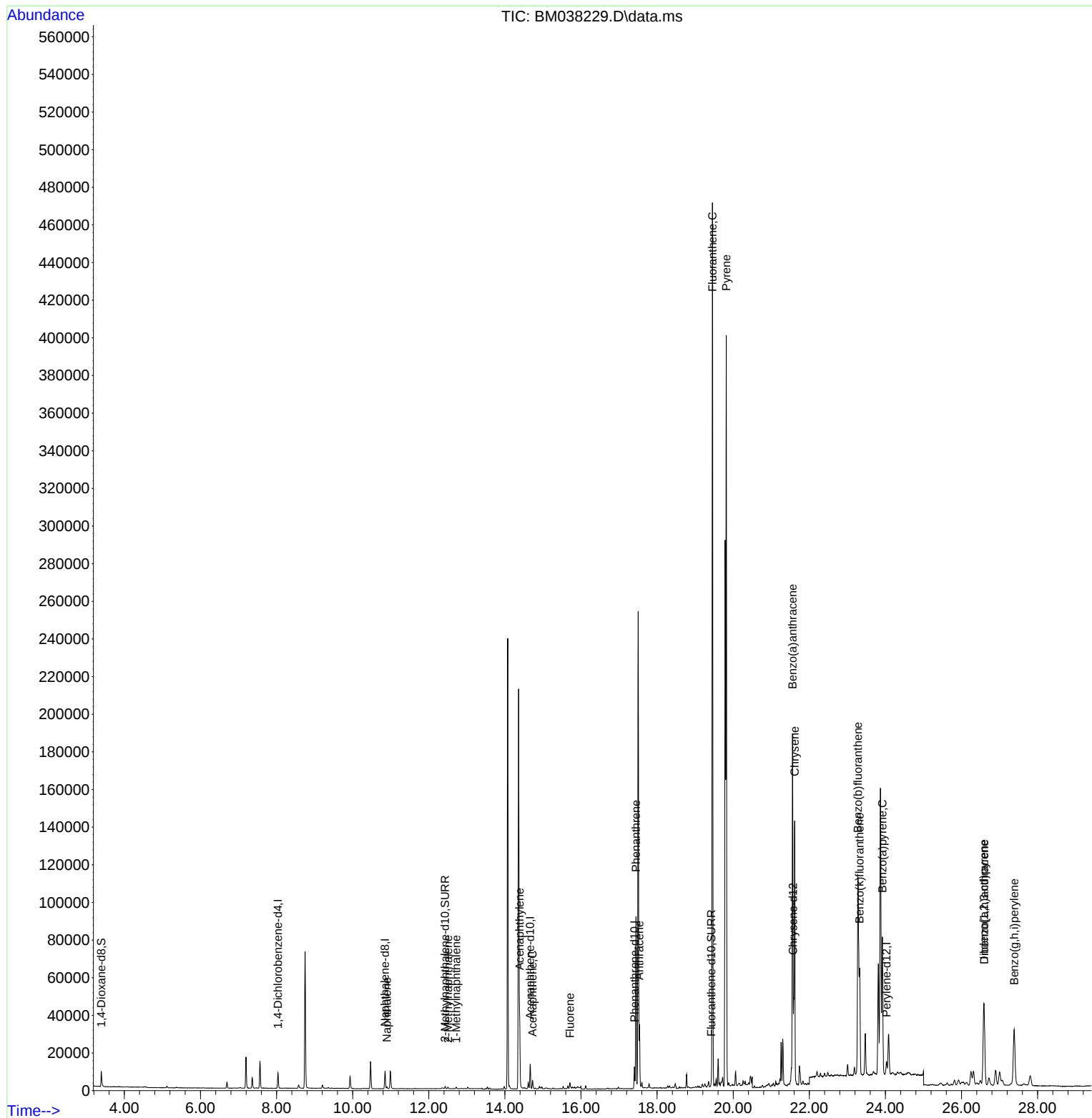
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Data File : BM038229.D
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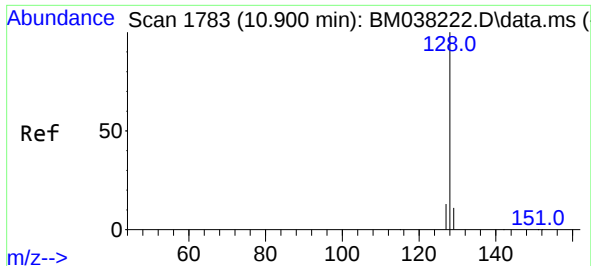
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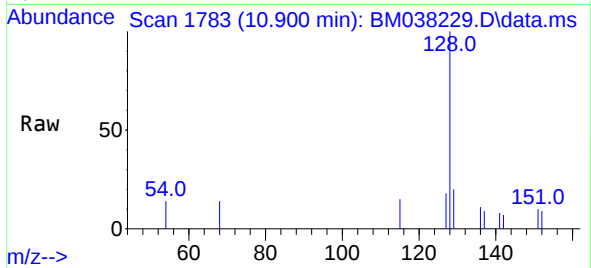
Quant Time: Dec 23 23:22:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

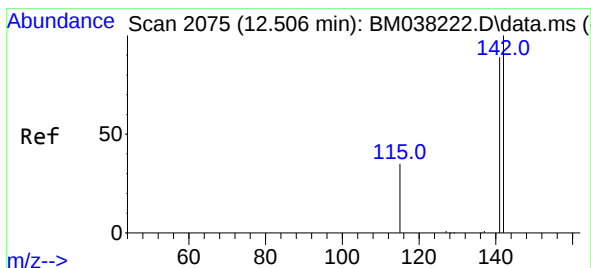
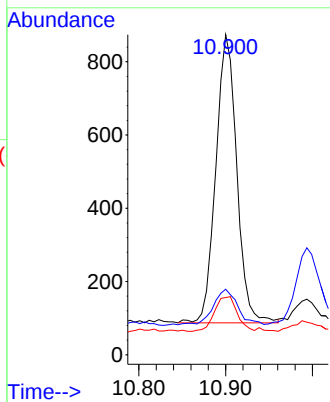
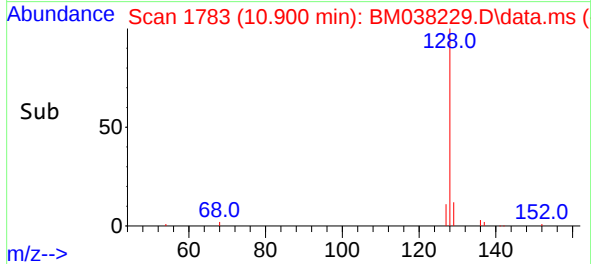
Instrument :
BNA_M
ClientSampleId :
DBXS6DL



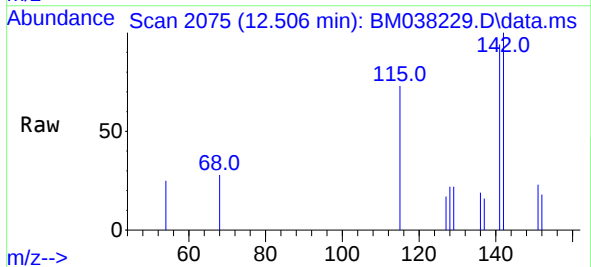
Tgt Ion:128 Resp: 132
Ion Ratio Lower Upper
128 100
129 20.5 9.4 14.0
127 17.8 10.7 16.1

Manual Integrations
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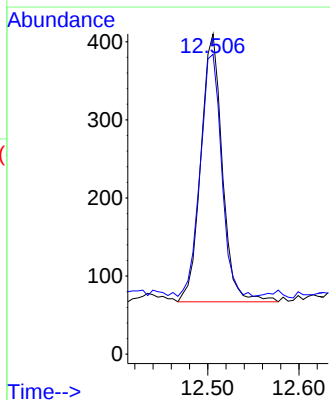
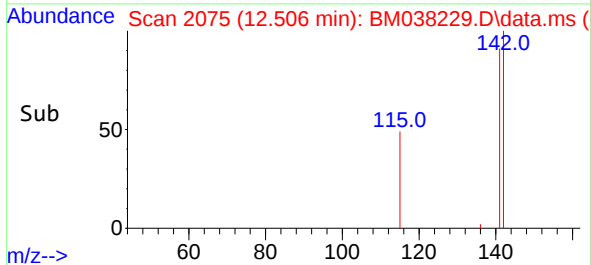
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

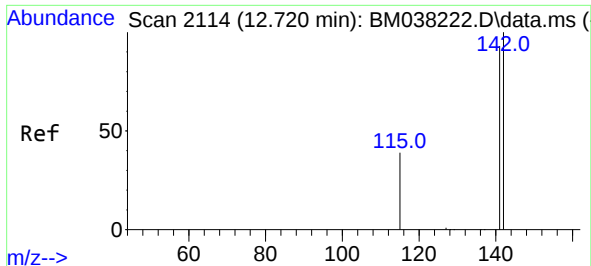


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



Tgt Ion:142 Resp: 560
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





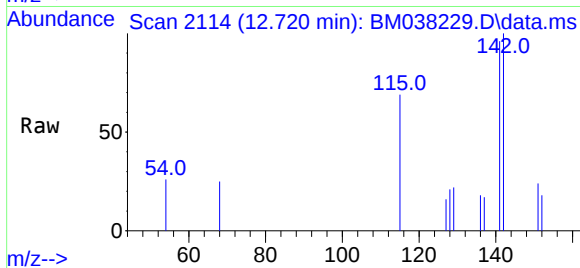
#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Instrument :

BNA_M

ClientSampleId :

DBXS6DL

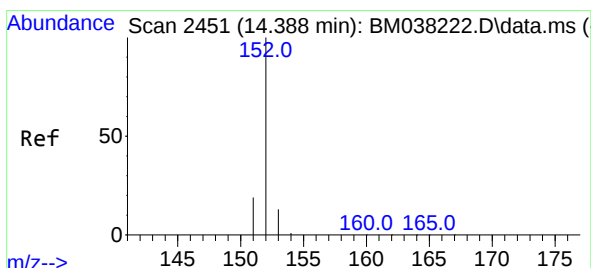
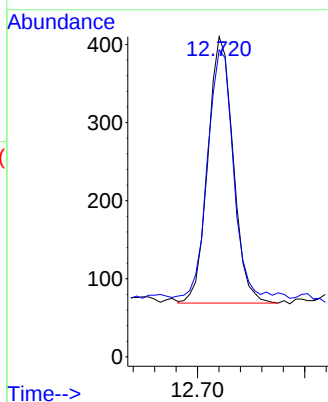
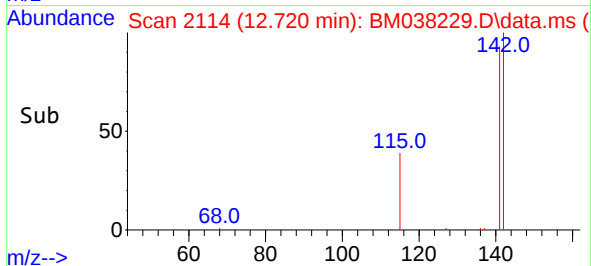


Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
141 96.1 74.7 112.1

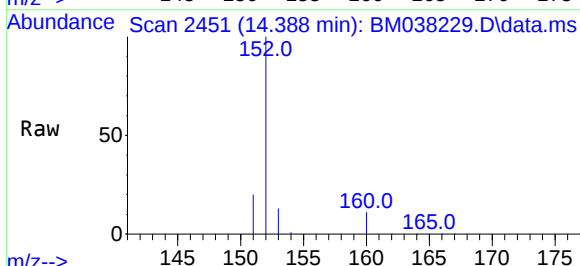
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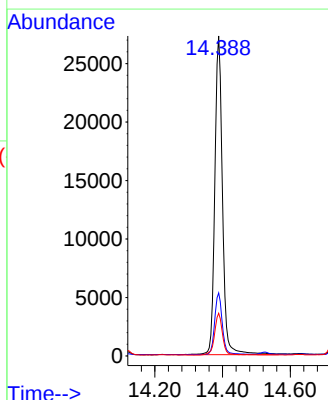
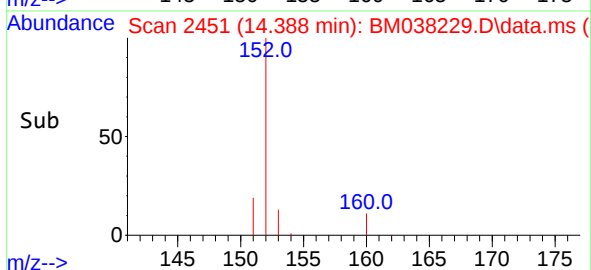
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

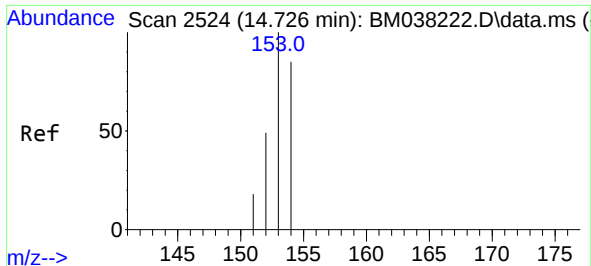


#10
Acenaphthylene
Concen: 1.121 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



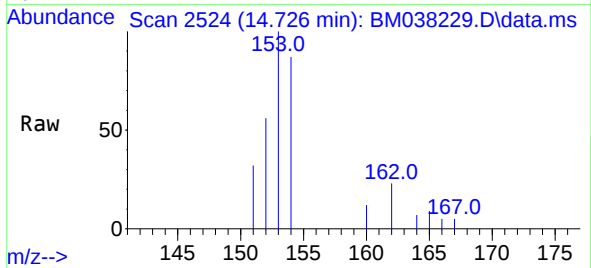
Tgt Ion:152 Resp: 42832
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.3 10.7 16.1





#11
Acenaphthene
Concen: 0.082 ng/u1
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

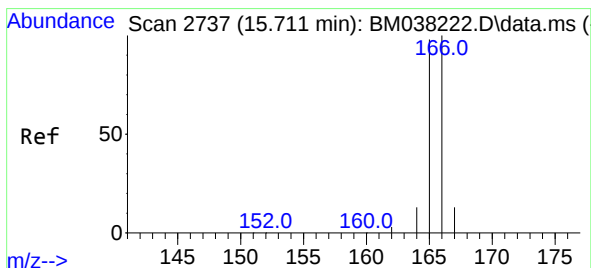
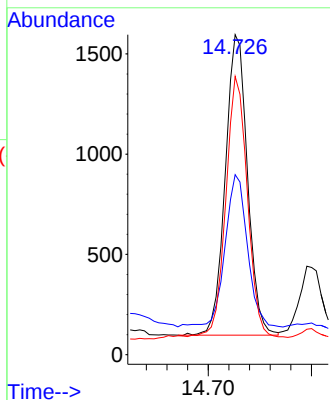
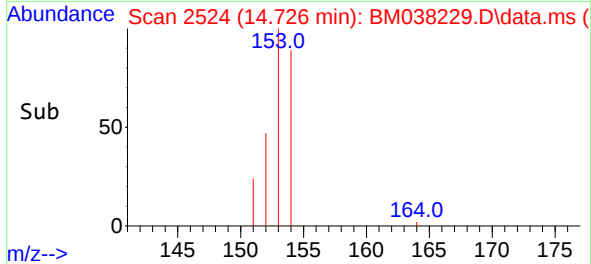
Instrument :
BNA_M
ClientSampleId :
DBXS6DL



Tgt Ion:153 Resp: 224
Ion Ratio Lower Upper
153 100
152 56.3 39.4 59.0
154 87.0 69.0 103.4

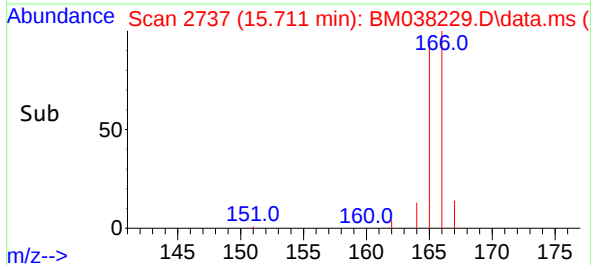
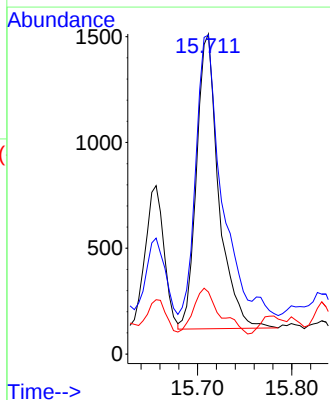
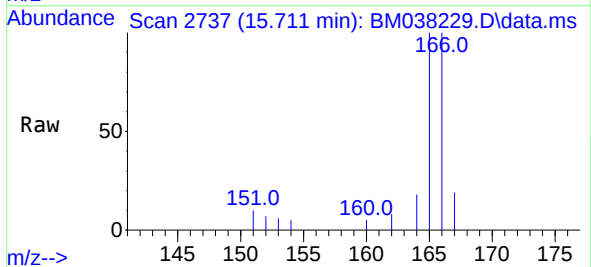
Manual Integrations
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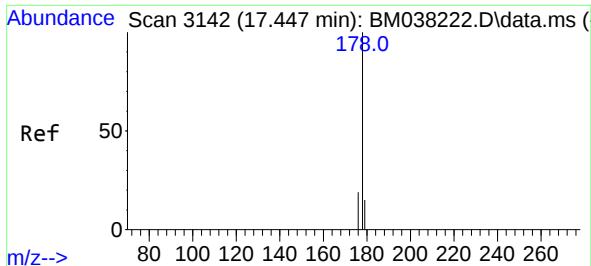
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#12
Fluorene
Concen: 0.077 ng/u1
RT: 15.711 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

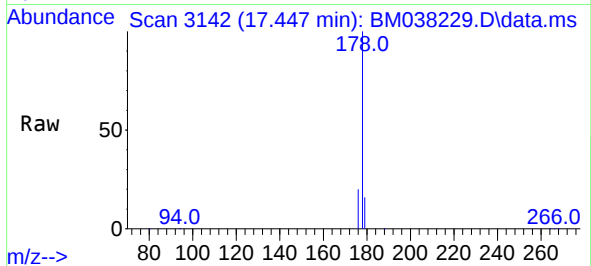
Tgt Ion:166 Resp: 2277
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 19.4 11.0 16.6#





#15
Phenanthrene
Concen: 1.940 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

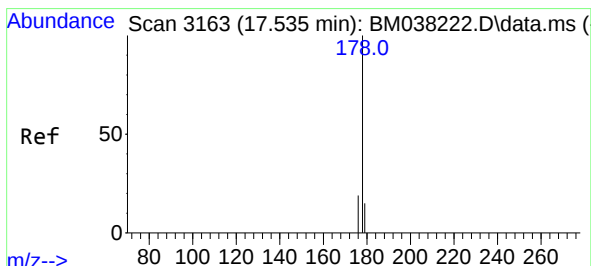
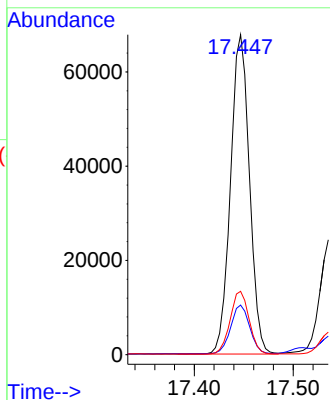
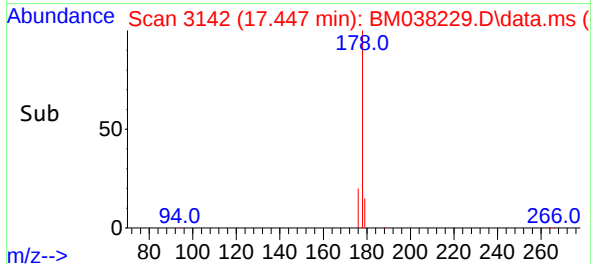
Instrument :
BNA_M
ClientSampleId :
DBXS6DL



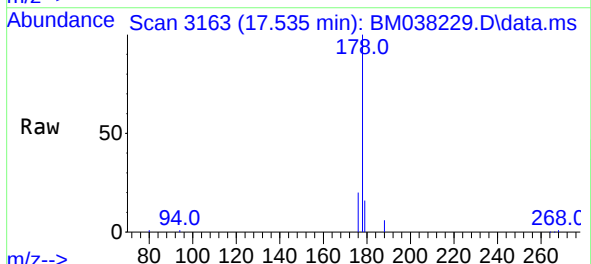
Tgt Ion:178 Resp: 90142
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.8 16.2 24.4

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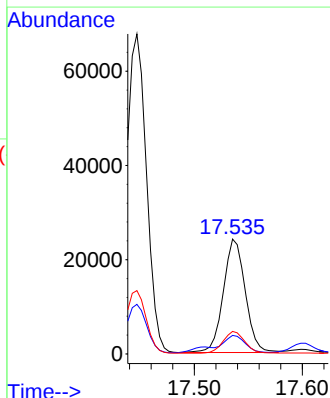
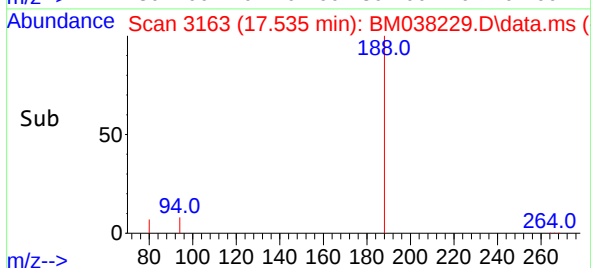
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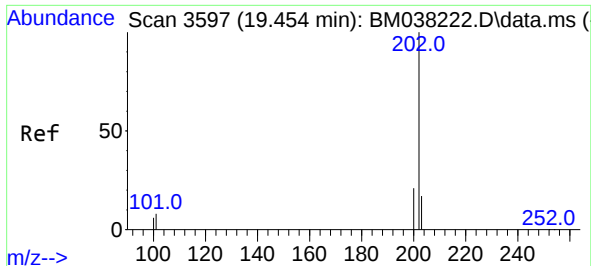


#16
Anthracene
Concen: 0.761 ng/u1
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



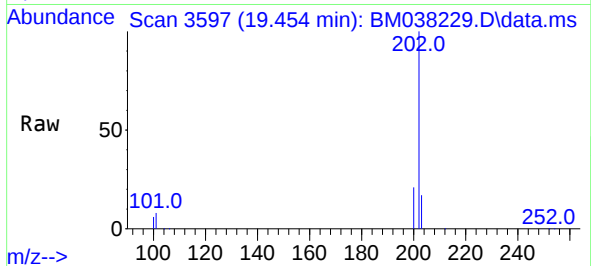
Tgt Ion:178 Resp: 33956
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.6 15.6 23.4





#19
Fluoranthene
Concen: 7.751 ng/u1
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

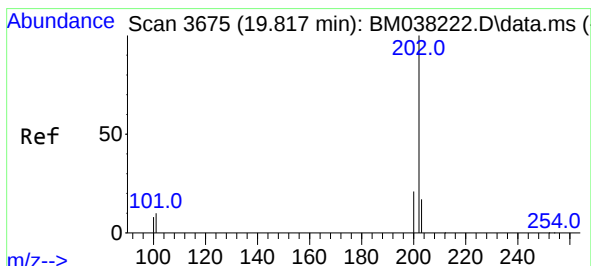
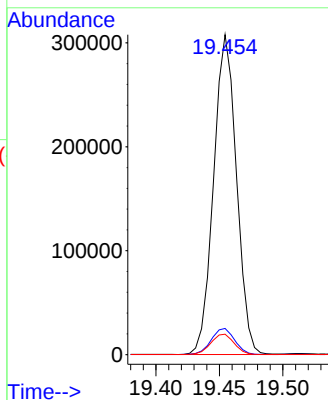
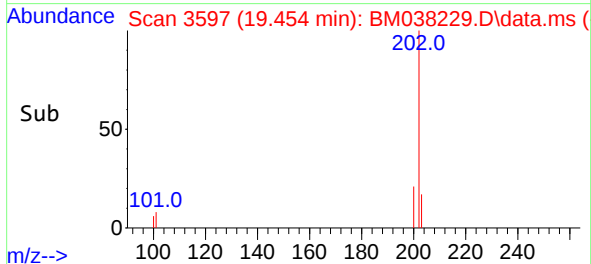
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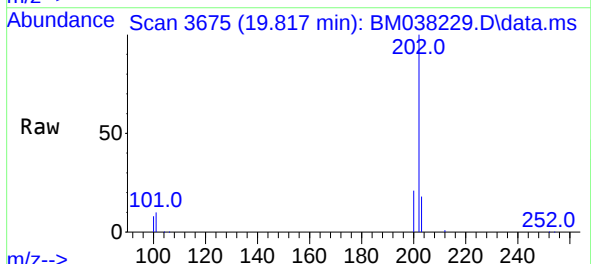
Tgt Ion:202 Resp: 385219
Ion Ratio Lower Upper
202 100
101 8.2 7.5 11.3
100 6.4 5.6 8.4

Manual Integrations
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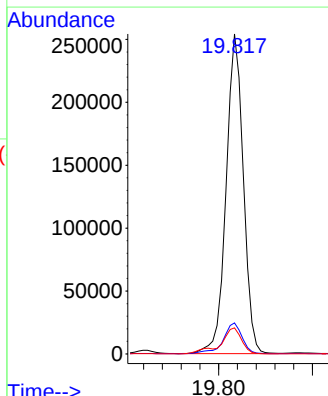
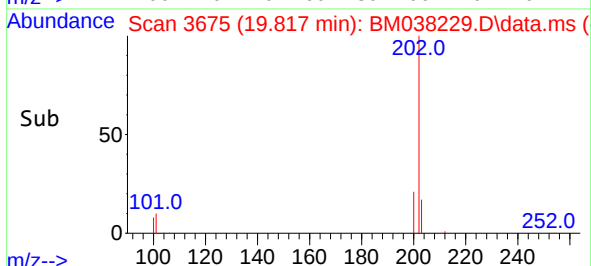
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

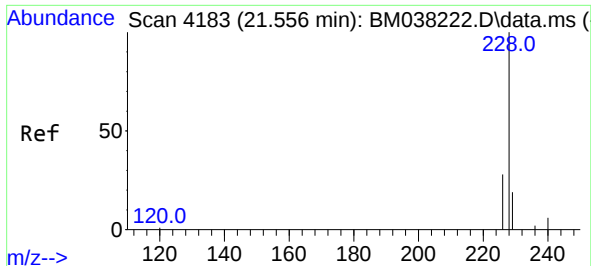


#20
Pyrene
Concen: 6.450 ng/u1
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



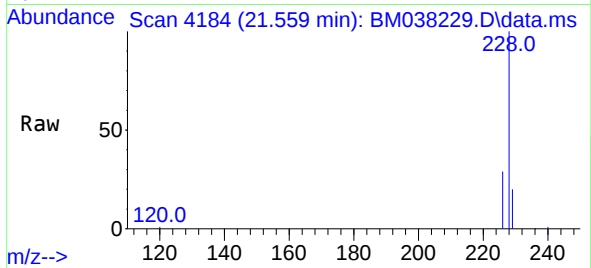
Tgt Ion:202 Resp: 323900
Ion Ratio Lower Upper
202 100
101 9.7 8.9 13.3
100 8.2 7.4 11.0





#21
Benzo(a)anthracene
Concen: 3.838 ng/ul
RT: 21.559 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

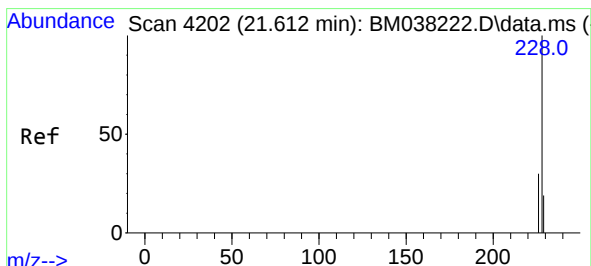
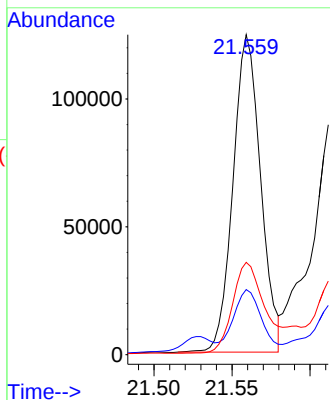
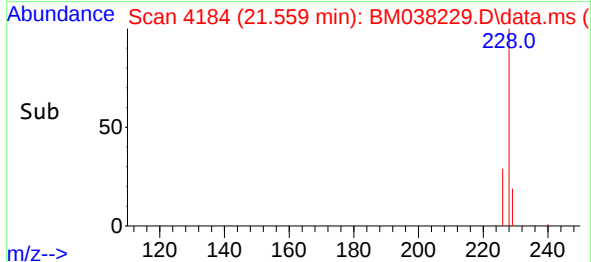
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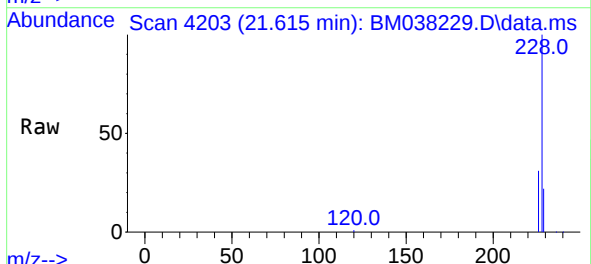
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Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 28.9 22.2 33.2

Manual Integrations
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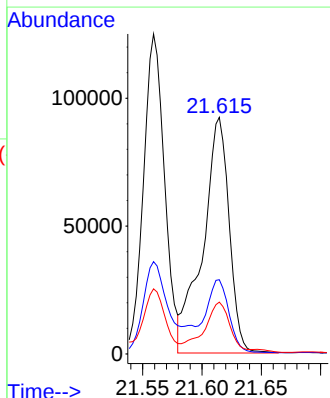
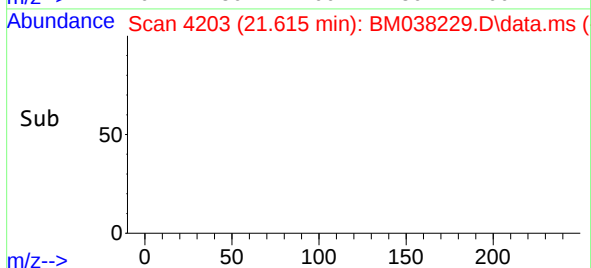
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

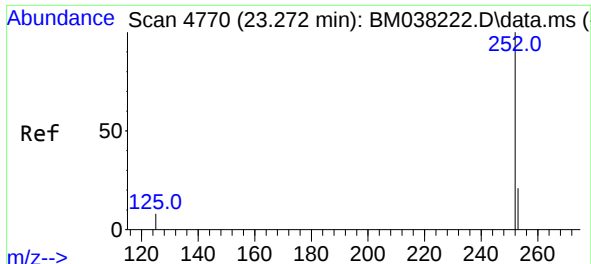


#22
Chrysene
Concen: 3.683 ng/ul m
RT: 21.615 min Scan# 4203
Delta R.T. 0.003 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



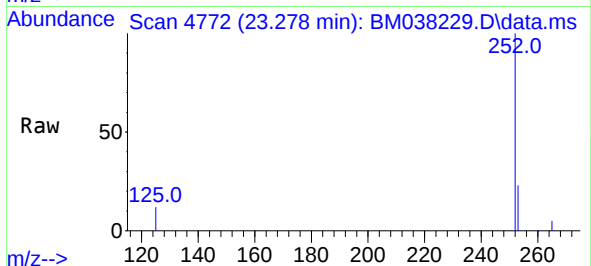
Tgt Ion:228 Resp: 142613
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 21.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.571 ng/ul
RT: 23.278 min Scan# 4770
Delta R.T. 0.006 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

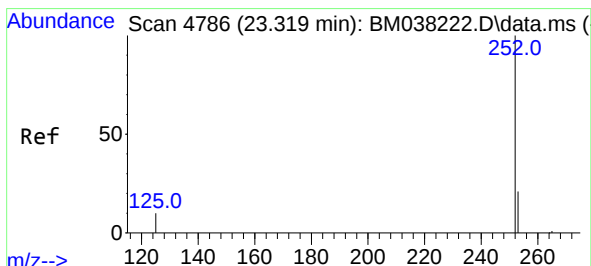
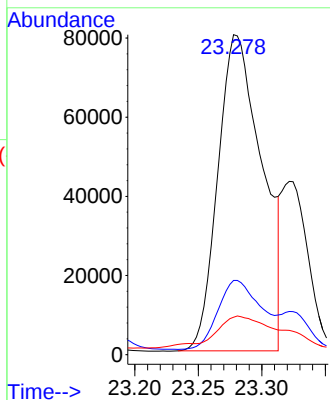
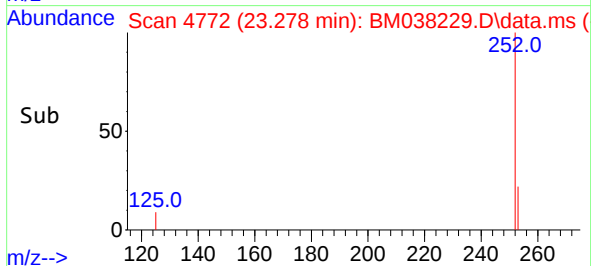
Instrument :
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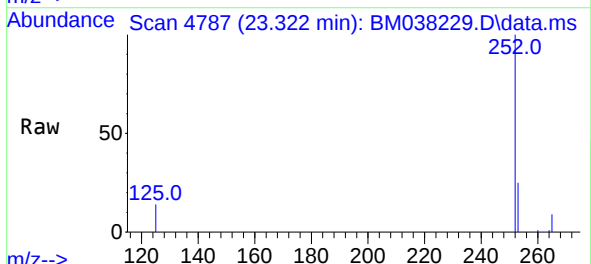
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Ion Ratio Lower Upper
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253 23.2 0.0 56.0
125 11.7 0.0 36.6

Manual Integrations
APPROVED

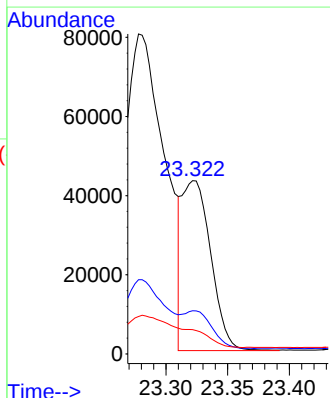
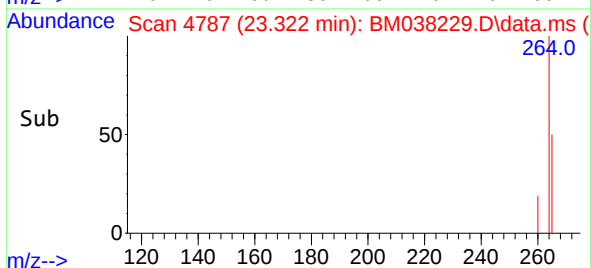
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

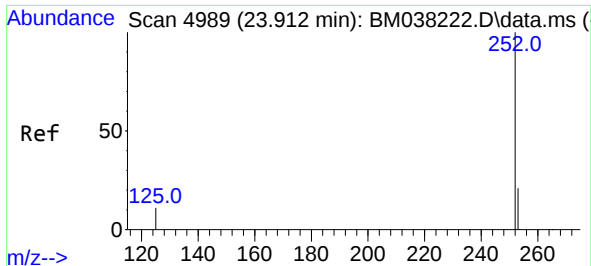


#25
Benzo(k)fluoranthene
Concen: 1.713 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



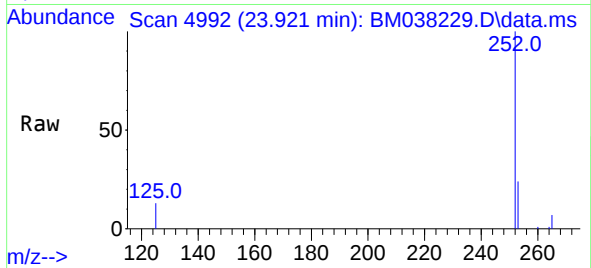
Tgt Ion:252 Resp: 69435
Ion Ratio Lower Upper
252 100
253 25.0 22.5 33.7
125 14.1 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 2.908 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. 0.009 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

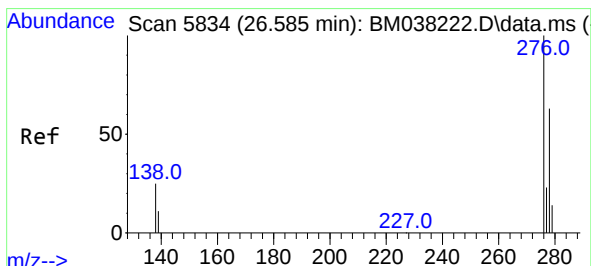
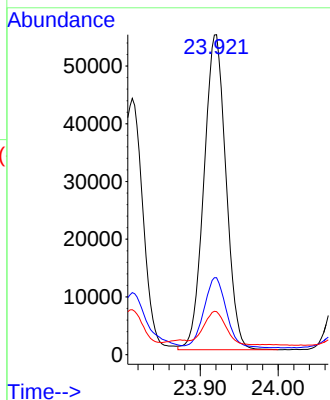
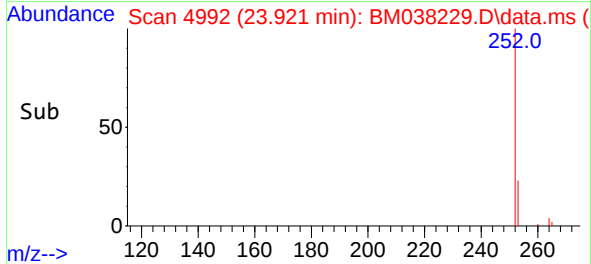
Instrument :
BNA_M
ClientSampleId :
DBXS6DL



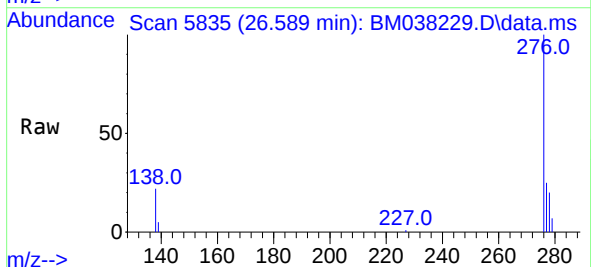
Tgt Ion:252 Resp: 107063
Ion Ratio Lower Upper
252 100
253 24.1 24.2 36.4#
125 13.4 17.3 25.9#

Manual Integrations
APPROVED

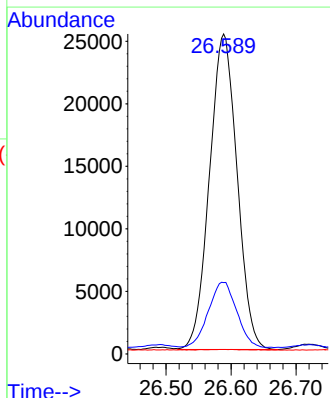
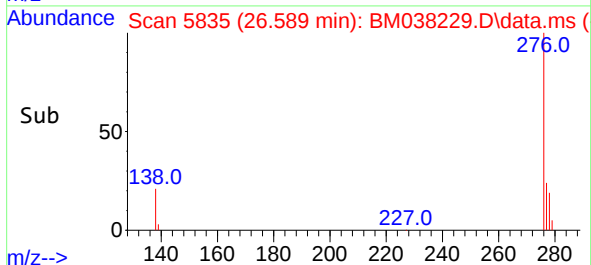
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

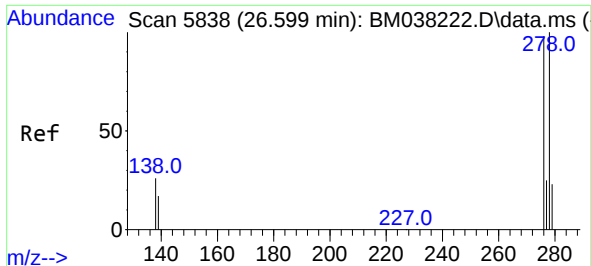


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.457 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. 0.007 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



Tgt Ion:276 Resp: 74403
Ion Ratio Lower Upper
276 100
138 21.3 21.7 32.5#
227 0.1 0.0 0.0#





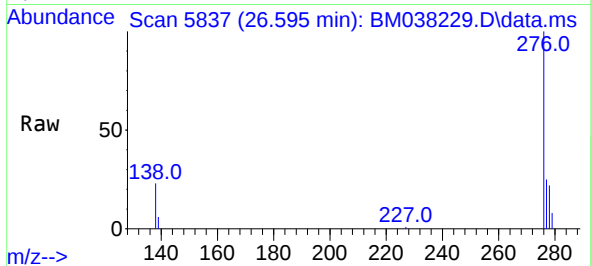
#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 26.595 min Scan# 5838
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Instrument :

BNA_M

ClientSampleId :

DBXS6DL

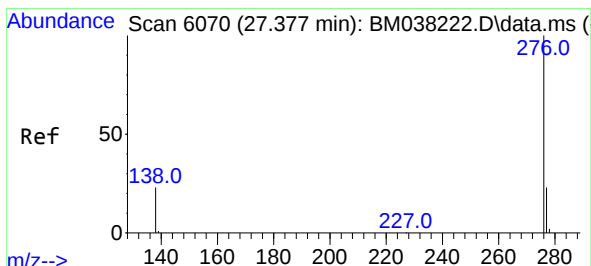
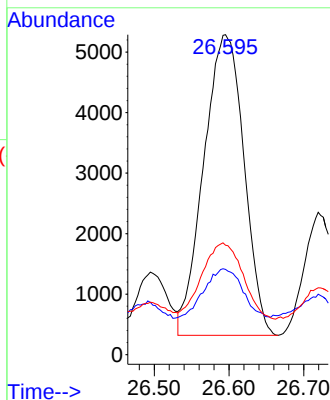
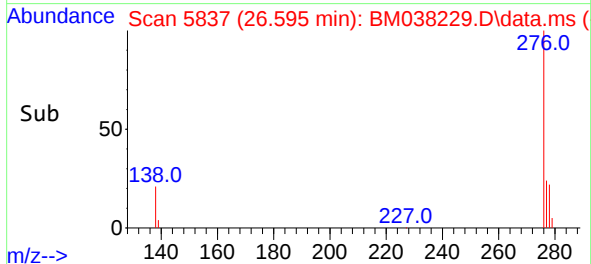


Tgt Ion:278 Resp: 18620
Ion Ratio Lower Upper
278 100
139 26.7 16.8 25.2
279 34.2 23.4 35.2

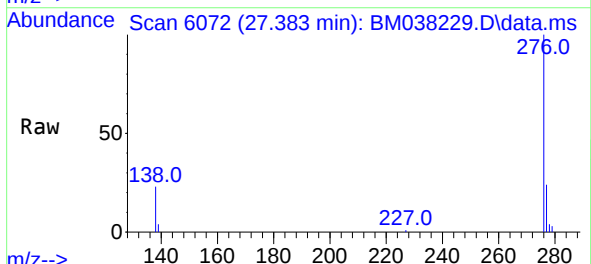
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 1.549 ng/ul
RT: 27.383 min Scan# 6072
Delta R.T. 0.013 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58



Tgt Ion:276 Resp: 66558
Ion Ratio Lower Upper
276 100
138 22.8 20.8 31.2
277 24.3 20.5 30.7

