

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037173.D
 Acq On : 21 Oct 2022 14:36
 Operator : CG/JU
 Sample : N4984-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNM2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 02:32:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5949	0.400	ng/u1	0.00
4) Naphthalene-d8	10.704	136	18774	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.533	164	10864	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.275	188	21805	0.400	ng/u1	0.00
17) Chrysene-d12	21.450	240	15393	0.400	ng/u1	0.00
23) Perylene-d12	23.829	264	11090	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	42758	5.895	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.294	152	9394	0.352	ng/u1	0.00
18) Fluoranthene-d10	19.298	212	20418	0.439	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	8094	0.146	ng/u1	98
7) 2-Methylnaphthalene	12.365	142	1664	0.050	ng/u1	99
8) 1-Methylnaphthalene	12.585	142	1518	0.045	ng/u1	98
10) Acenaphthylene	14.256	152	9982	0.214	ng/u1	98
11) Acenaphthene	14.598	153	2362	0.056	ng/u1	98
12) Fluorene	15.583	166	6230	0.126	ng/u1	98
15) Phenanthrene	17.317	178	118301	1.607	ng/u1	98
16) Anthracene	17.406	178	46114	0.791	ng/u1	99
19) Fluoranthene	19.331	202	356780	5.335	ng/u1	96
20) Pyrene	19.693	202	309155m	4.560	ng/u1	
21) Benzo(a)anthracene	21.435	228	183581	3.073	ng/u1	98
22) Chrysene	21.488	228	166827	2.427	ng/u1	97
24) Benzo(b)fluoranthene	23.104	252	201309	3.427	ng/u1	93
25) Benzo(k)fluoranthene	23.145	252	58492m	1.030	ng/u1	
26) Benzo(a)pyrene	23.721	252	132685	2.813	ng/u1#	87
27) Indeno(1,2,3-cd)pyrene	26.279	276	80576	1.223	ng/u1#	92
28) Dibenzo(a,h)anthracene	26.292	278	19860	0.382	ng/u1	97
29) Benzo(g,h,i)perylene	27.040	276	60157	1.038	ng/u1	98

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

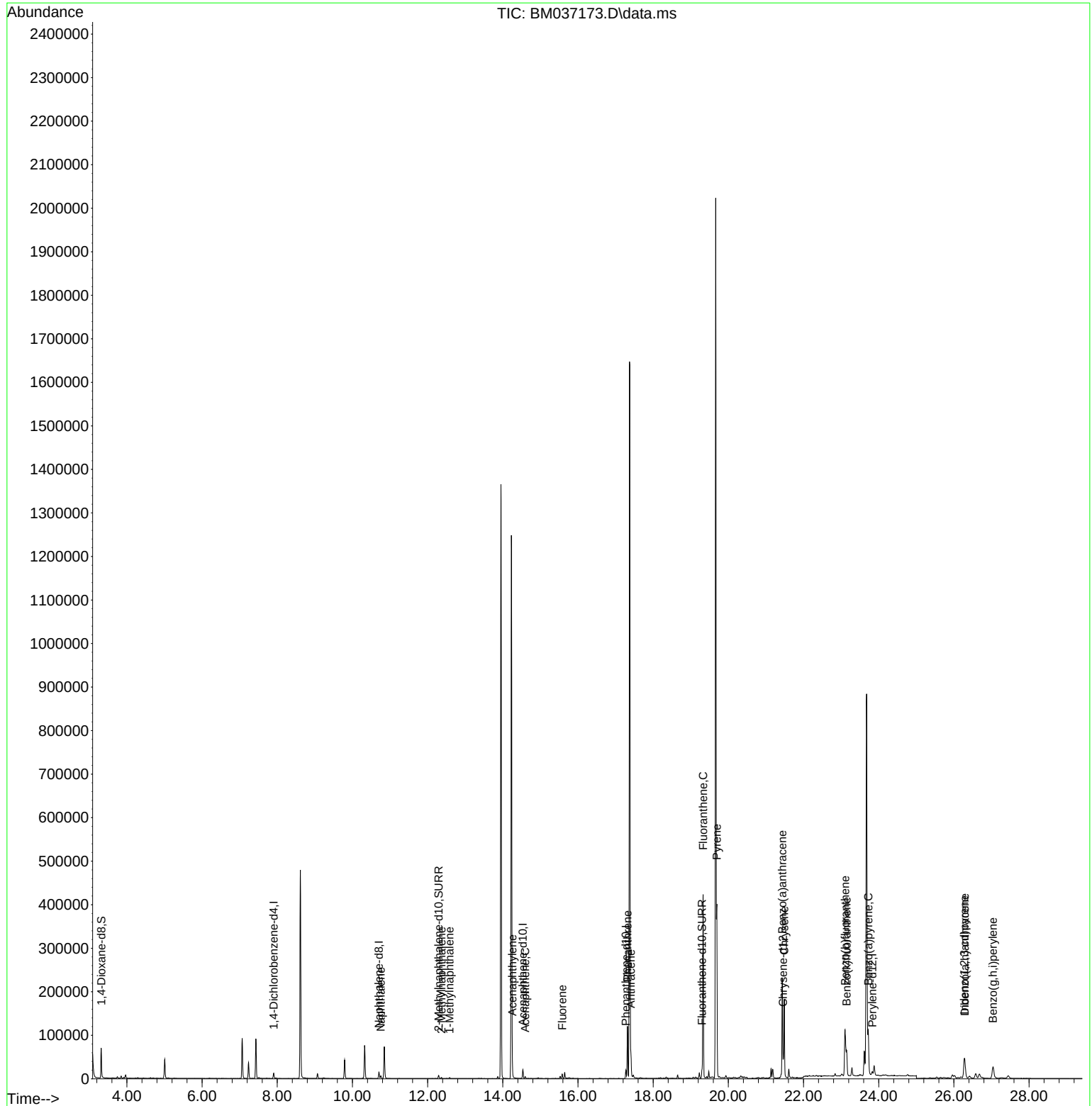
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037173.D
Acq On : 21 Oct 2022 14:36
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

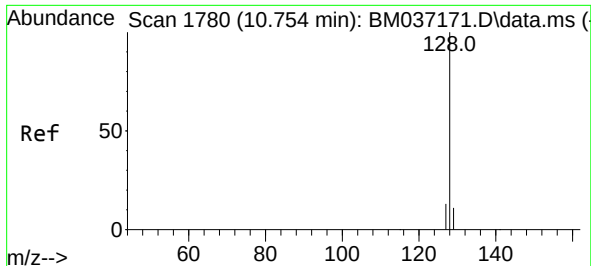
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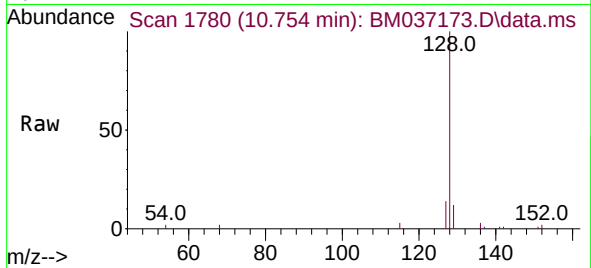
Quant Time: Oct 22 02:32:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.146 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

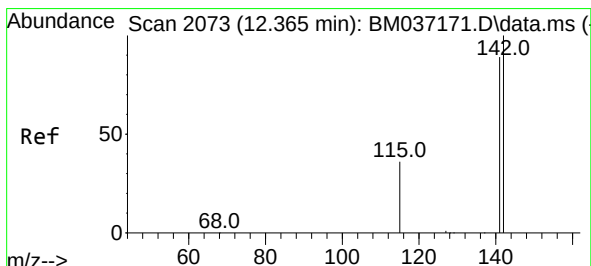
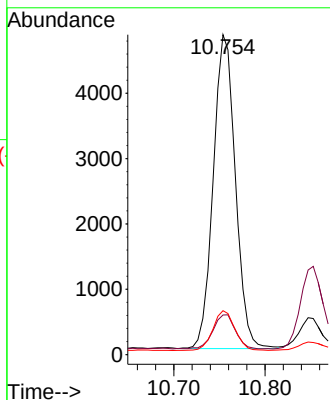
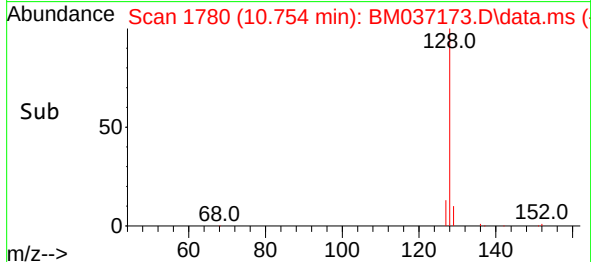
Instrument :
BNA_M
ClientSampleId :
BGNM2



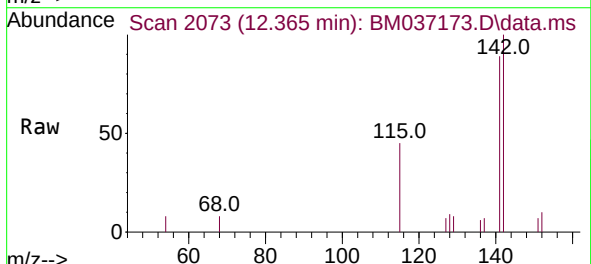
Tgt Ion:128 Resp: 8094
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 13.7 10.5 15.7

Manual Integrations
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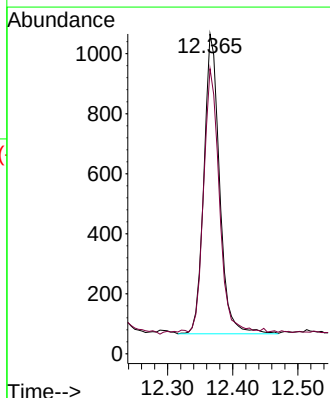
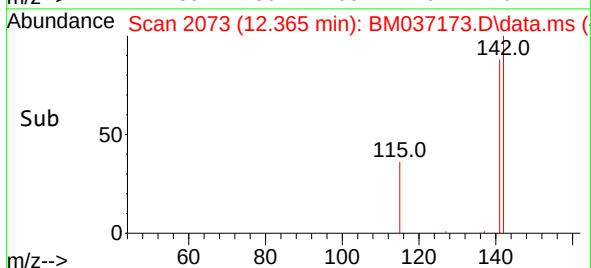
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

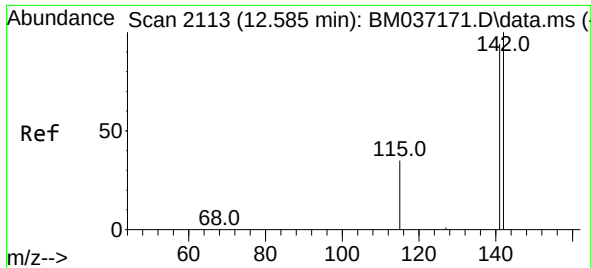


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36



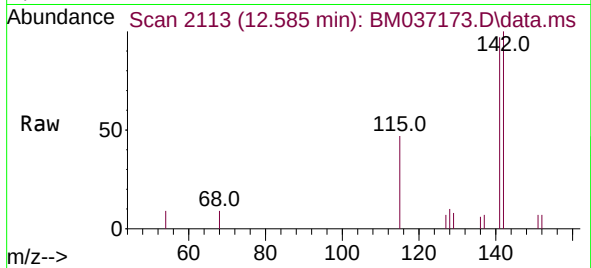
Tgt Ion:142 Resp: 1664
Ion Ratio Lower Upper
142 100
141 92.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

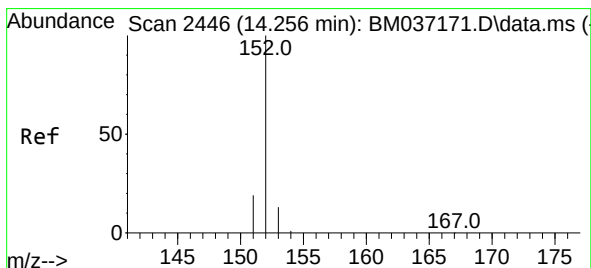
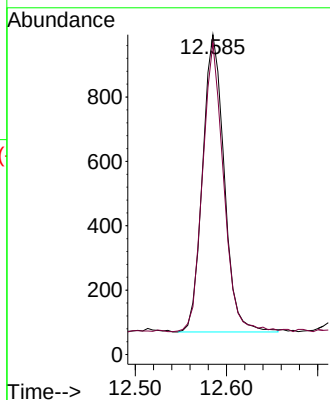
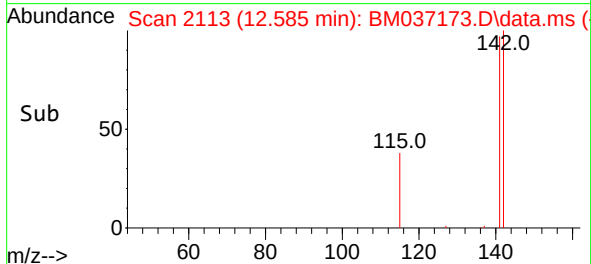
Instrument :
BNA_M
ClientSampleId :
BGNM2



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Ion Ratio Lower Upper
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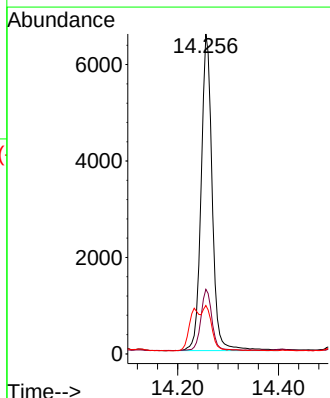
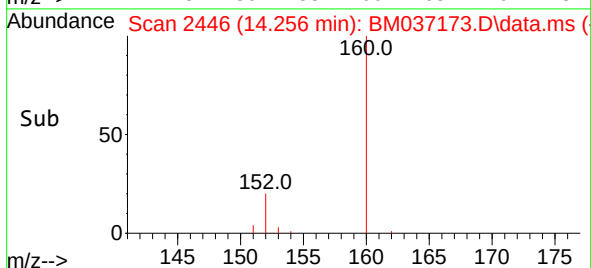
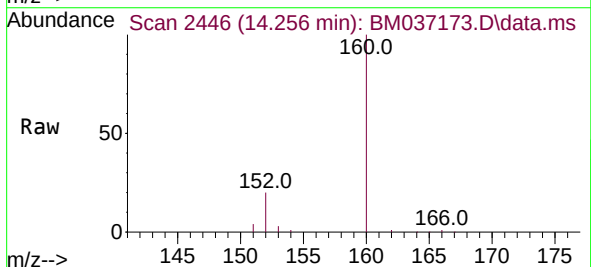
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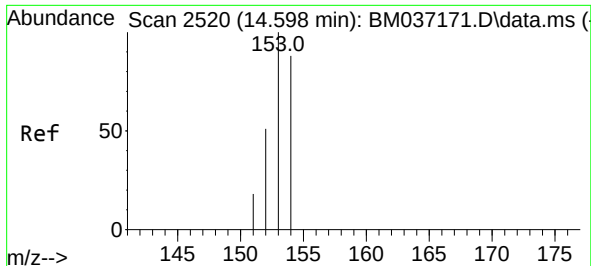
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

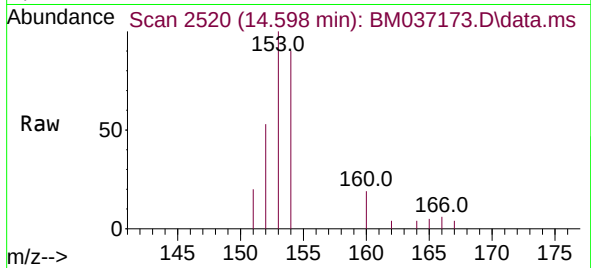
Tgt Ion:152 Resp: 9982
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 15.1 10.8 16.2





#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

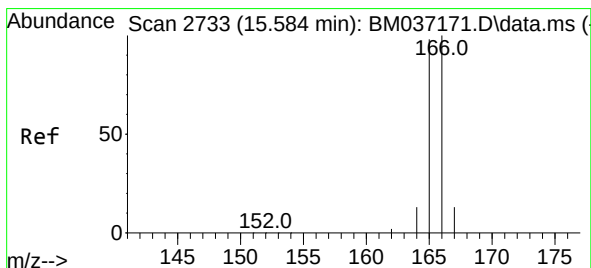
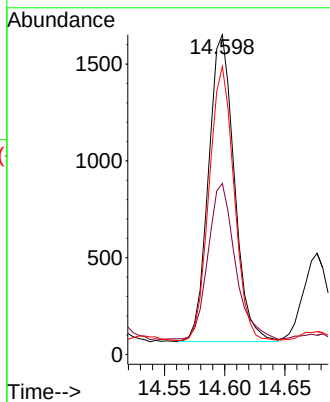
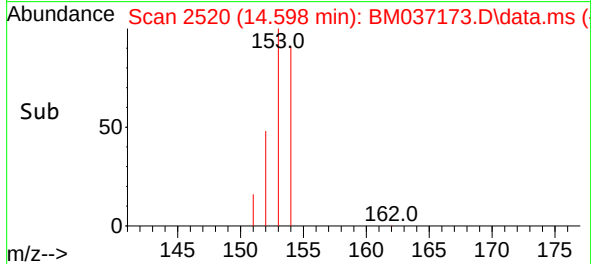
Instrument :
BNA_M
ClientSampleId :
BGNM2



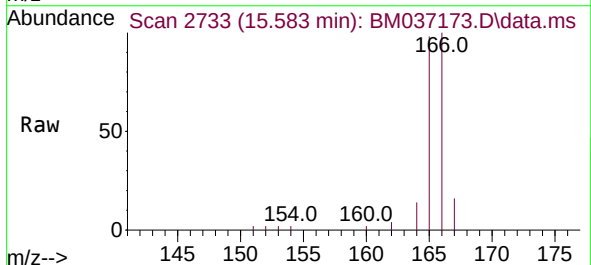
Tgt Ion:153 Resp: 2362
Ion Ratio Lower Upper
153 100
152 53.5 43.3 64.9
154 90.1 70.0 105.0

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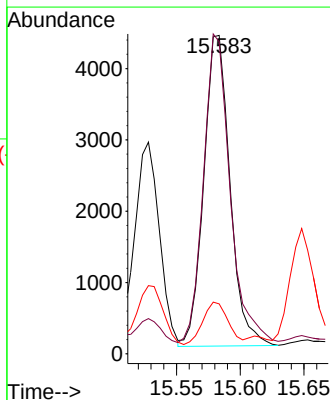
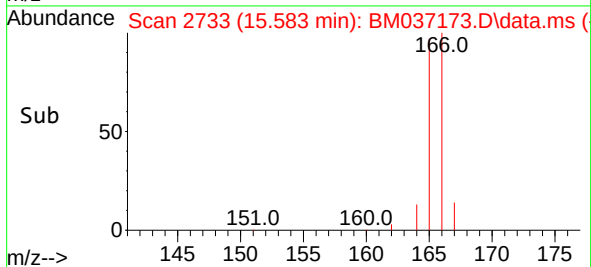
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

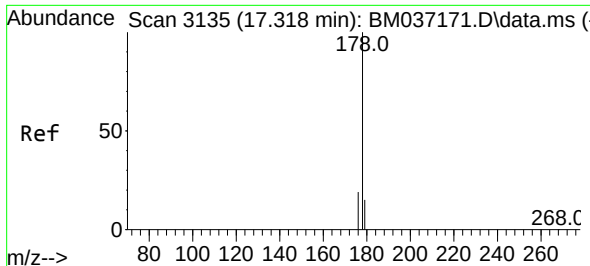


#12
Fluorene
Concen: 0.126 ng/ul
RT: 15.583 min Scan# 2733
Delta R.T. -0.000 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36



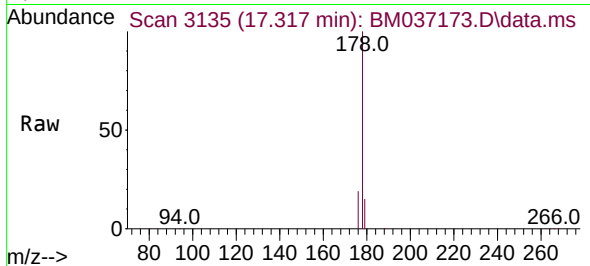
Tgt Ion:166 Resp: 6230
Ion Ratio Lower Upper
166 100
165 98.0 79.4 119.2
167 15.7 11.3 16.9





#15
Phenanthrene
Concen: 1.607 ng/u1
RT: 17.317 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

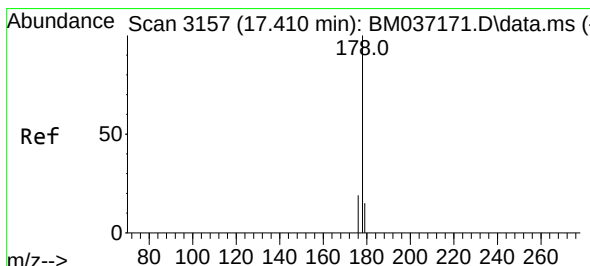
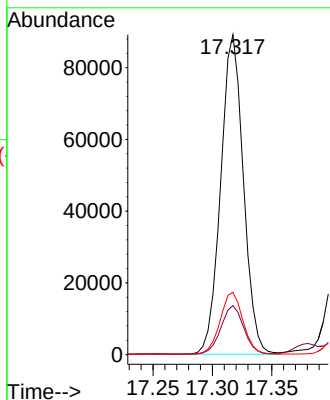
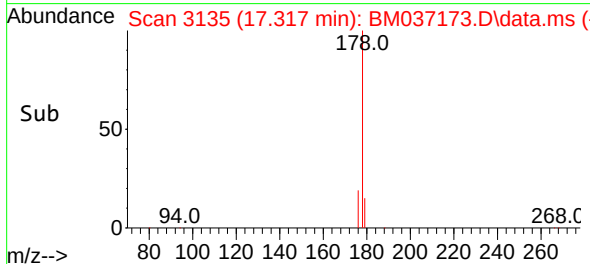
Instrument :
BNA_M
ClientSampleId :
BGNM2



Tgt Ion:178 Resp: 118301
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.5 16.1 24.1

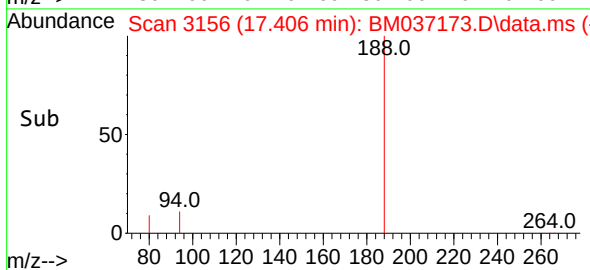
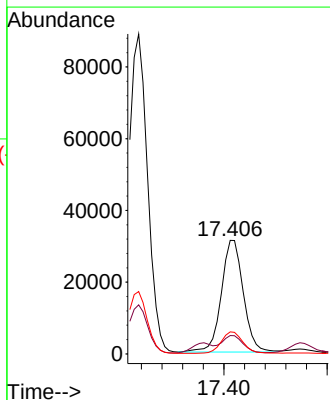
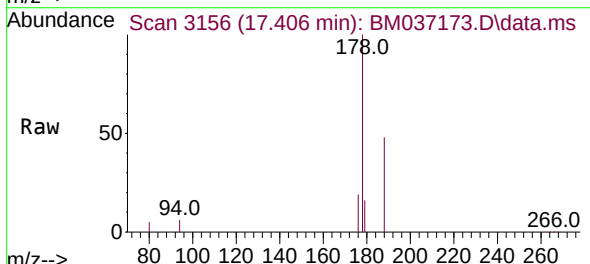
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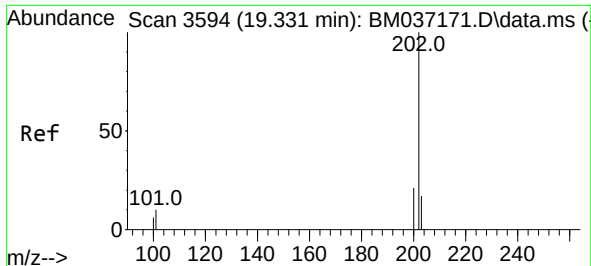
Reviewed By :Jagrut Upadhyay 10/24/2022
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#16
Anthracene
Concen: 0.791 ng/u1
RT: 17.406 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

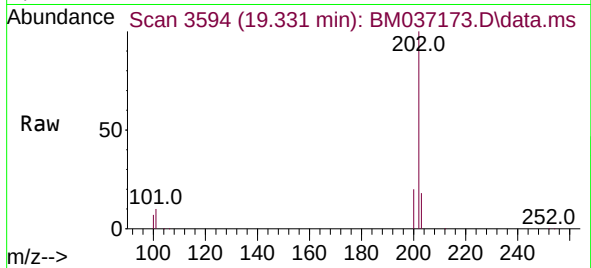
Tgt Ion:178 Resp: 46114
Ion Ratio Lower Upper
178 100
179 16.1 13.1 19.7
176 19.4 15.3 22.9





#19
Fluoranthene
Concen: 5.335 ng/ul
RT: 19.331 min Scan# 3594
Delta R.T. -0.000 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

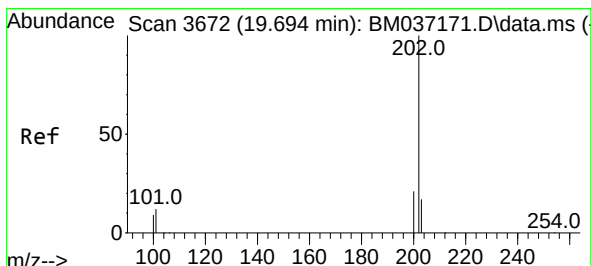
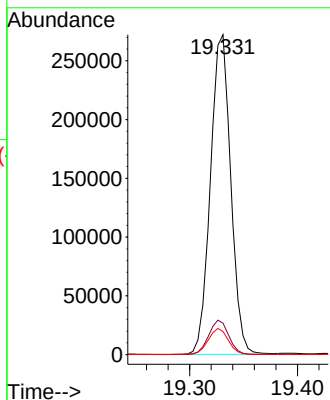
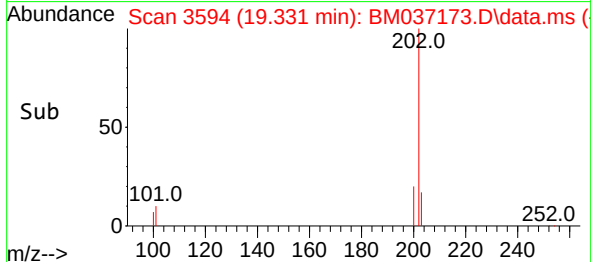
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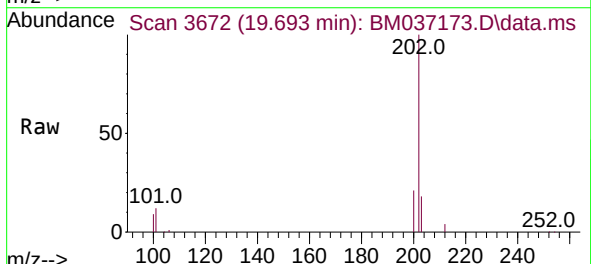
Tgt Ion:202 Resp: 356780
Ion Ratio Lower Upper
202 100
101 9.8 8.9 13.3
100 7.2 6.9 10.3

Manual Integrations
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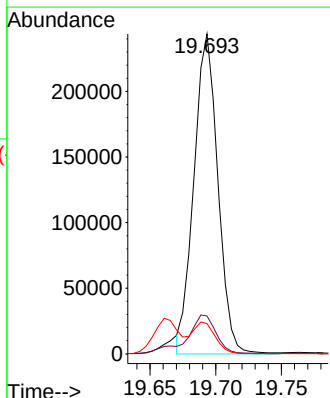
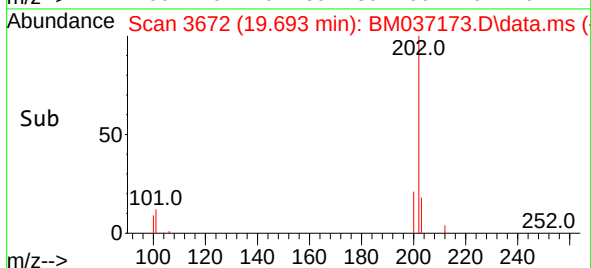
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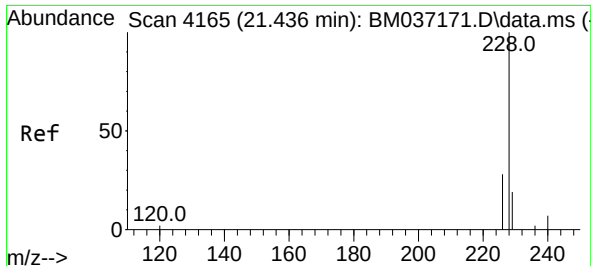


#20
Pyrene
Concen: 4.560 ng/ul m
RT: 19.693 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36



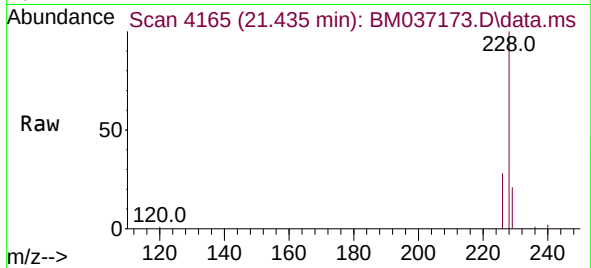
Tgt Ion:202 Resp: 309155
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.5 7.8 11.8





#21
Benzo(a)anthracene
Concen: 3.073 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

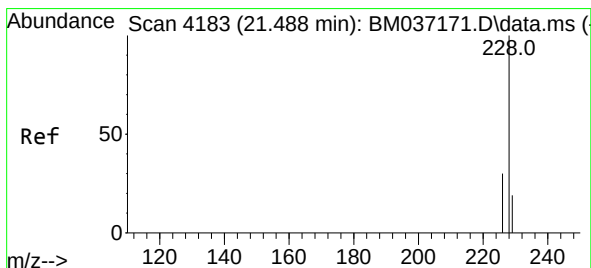
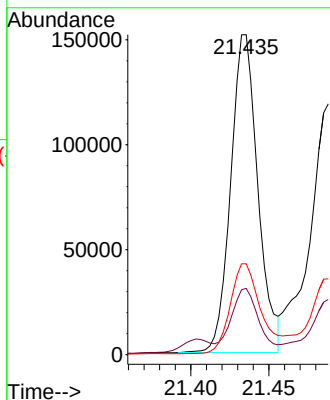
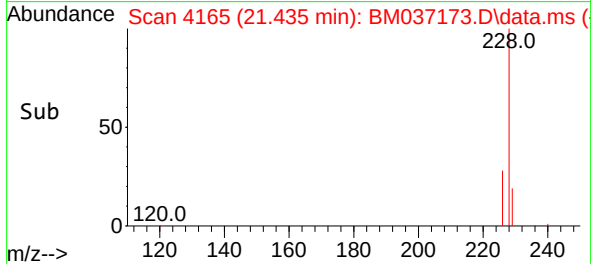
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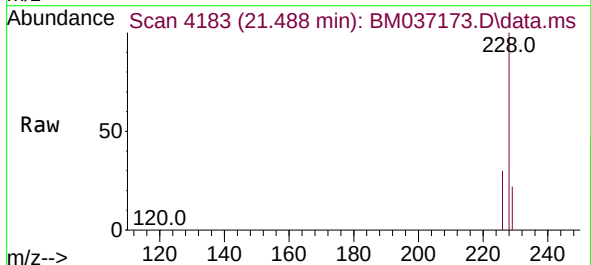
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Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.4 21.8 32.8

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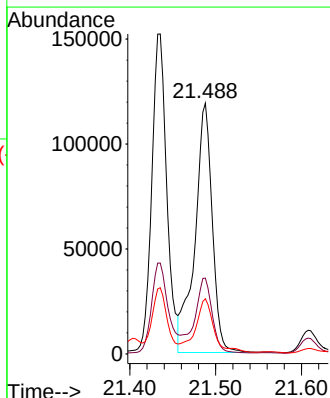
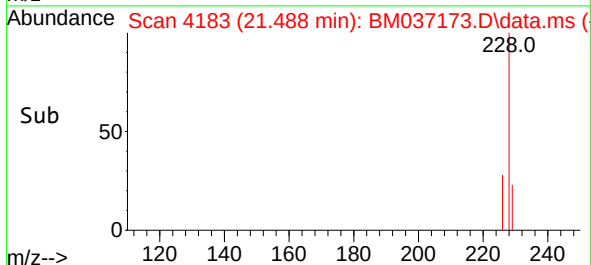
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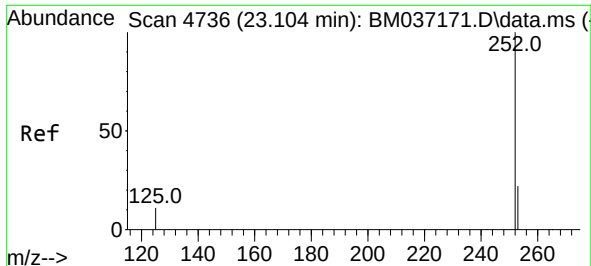


#22
Chrysene
Concen: 2.427 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36



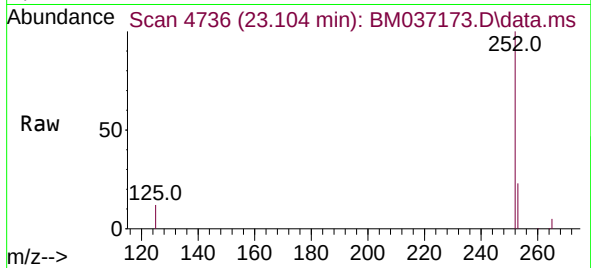
Tgt Ion:228 Resp: 166827
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 22.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 3.427 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.006 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

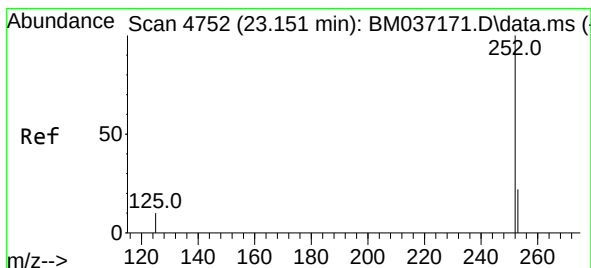
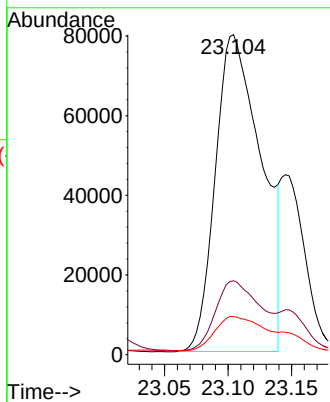
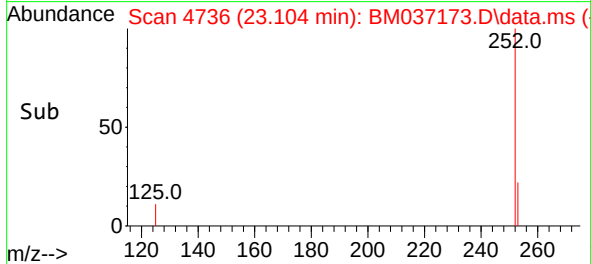
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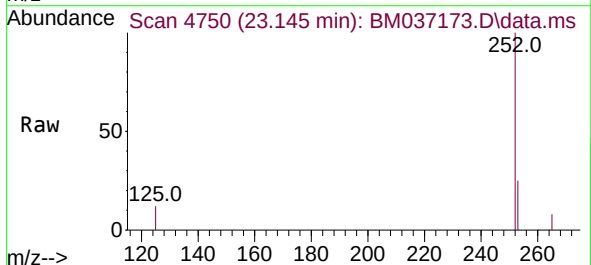
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Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.6
125 11.9 0.0 32.6

Manual Integrations
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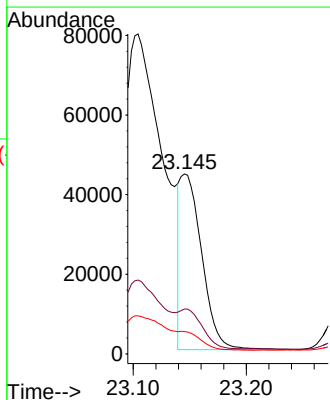
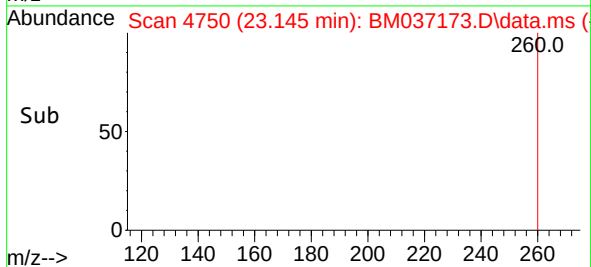
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

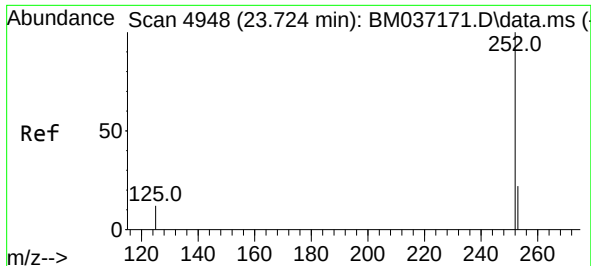


#25
Benzo(k)fluoranthene
Concen: 1.030 ng/ul m
RT: 23.145 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36



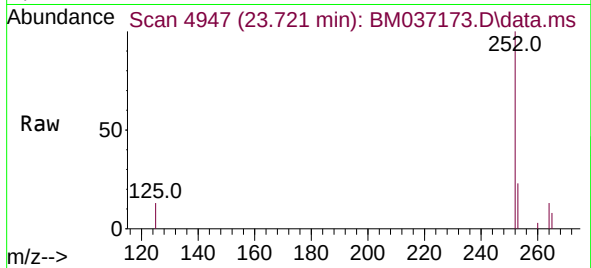
Tgt Ion:252 Resp: 58492
Ion Ratio Lower Upper
252 100
253 25.0 20.6 30.8
125 12.4 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 2.813 ng/ul
RT: 23.721 min Scan# 4948
Delta R.T. -0.009 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

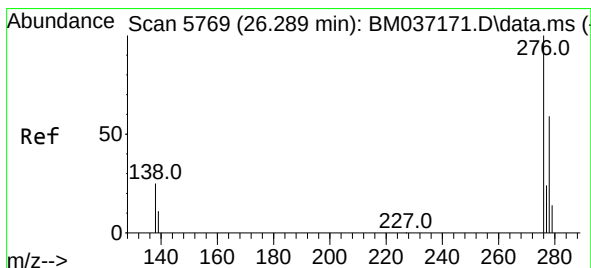
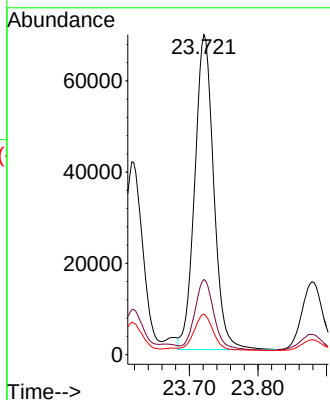
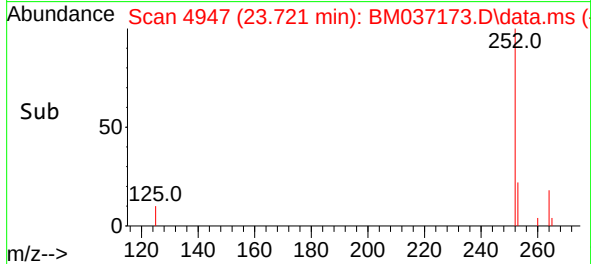
Instrument :
BNA_M
ClientSampleId :
BGNM2



Tgt Ion:252 Resp: 132685
Ion Ratio Lower Upper
252 100
253 23.5 22.1 33.1
125 12.7 17.6 26.4

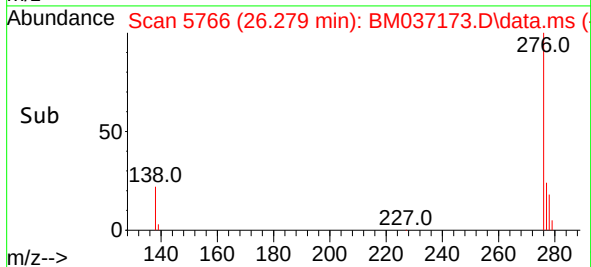
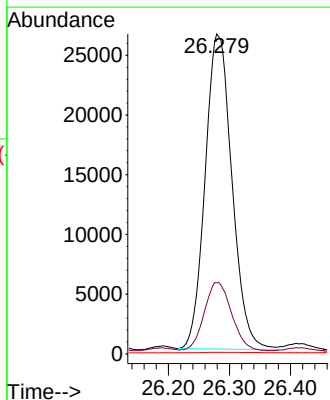
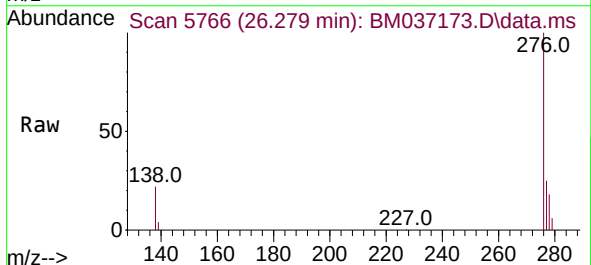
Manual Integrations
APPROVED

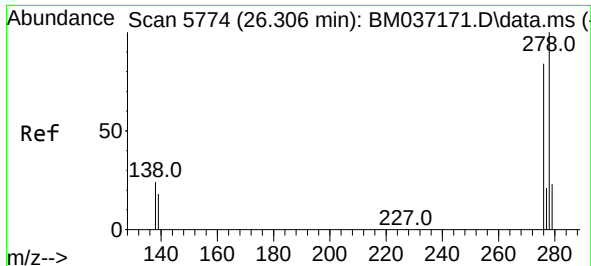
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.223 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.020 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

Tgt Ion:276 Resp: 80576
Ion Ratio Lower Upper
276 100
138 22.4 21.4 32.0
227 0.2 0.1 0.1





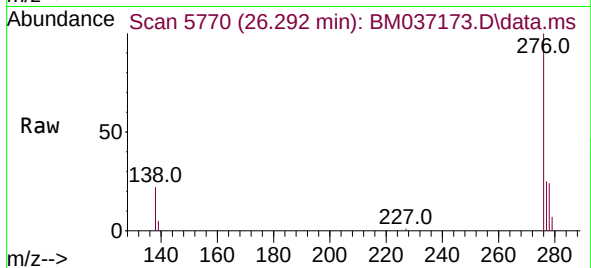
#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.292 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36

Instrument :

BNA_M

ClientSampleId :

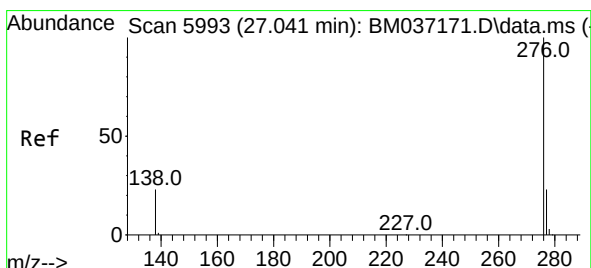
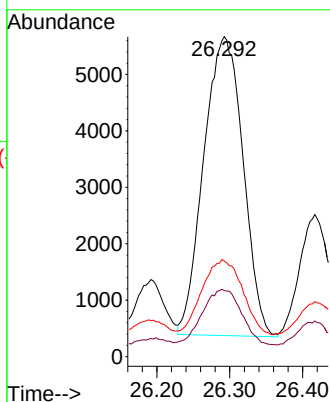
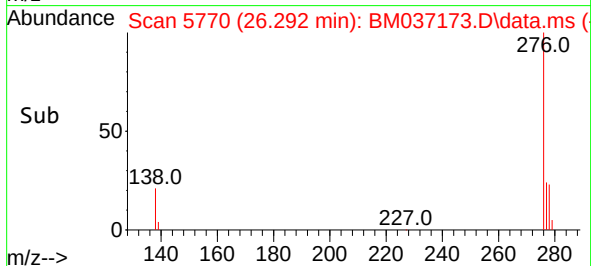
BGNM2



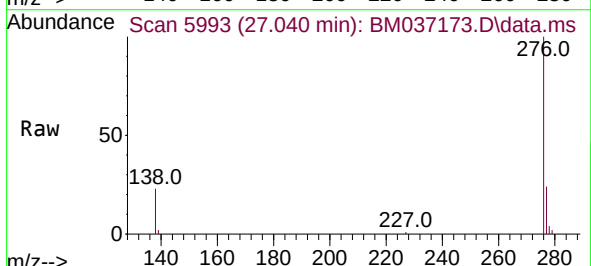
Tgt Ion:278 Resp: 19860
Ion Ratio Lower Upper
278 100
139 20.6 16.3 24.5
279 29.8 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 1.038 ng/ul
RT: 27.040 min Scan# 5993
Delta R.T. -0.017 min
Lab File: BM037173.D
Acq: 21 Oct 2022 14:36



Tgt Ion:276 Resp: 60157
Ion Ratio Lower Upper
276 100
138 23.2 19.8 29.8
277 24.3 20.1 30.1

