

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037040.D
 Acq On : 14 Oct 2022 05:26
 Operator : CG/JU
 Sample : N5025-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 05:59:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6604	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.737	136	24005	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.566	164	13214	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.300	188	26017	0.400	ng/ul	-0.01
17) Chrysene-d12	21.473	240	17202	0.400	ng/ul	-0.01
23) Perylene-d12	23.864	264	13687	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	49649	5.331	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	11605	0.320	ng/ul	-0.02
18) Fluoranthene-d10	19.322	212	22062	0.429	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	21030	0.306	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	11425	0.272	ng/ul	92
8) 1-Methylnaphthalene	12.613	142	9229	0.216	ng/ul	99
10) Acenaphthylene	14.283	152	3336	0.061	ng/ul#	86
11) Acenaphthene	14.626	153	1632	0.034	ng/ul	96
12) Fluorene	15.611	166	1906	0.035	ng/ul#	96
15) Phenanthrene	17.343	178	52738	0.635	ng/ul	99
16) Anthracene	17.436	178	10570	0.152	ng/ul	98
19) Fluoranthene	19.354	202	103334	1.510	ng/ul	98
20) Pyrene	19.717	202	82525m	1.157	ng/ul	
21) Benzo(a)anthracene	21.456	228	39458	0.635	ng/ul	99
22) Chrysene	21.508	228	42403	0.635	ng/ul	98
24) Benzo(b)fluoranthene	23.133	252	51182	0.837	ng/ul	94
25) Benzo(k)fluoranthene	23.177	252	15807m	0.265	ng/ul	
26) Benzo(a)pyrene	23.756	252	30929	0.623	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.339	276	21262	0.303	ng/ul	93
28) Dibenzo(a,h)anthracene	26.349	278	5537	0.097	ng/ul#	83
29) Benzo(g,h,i)perylene	27.104	276	16962	0.274	ng/ul	99

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

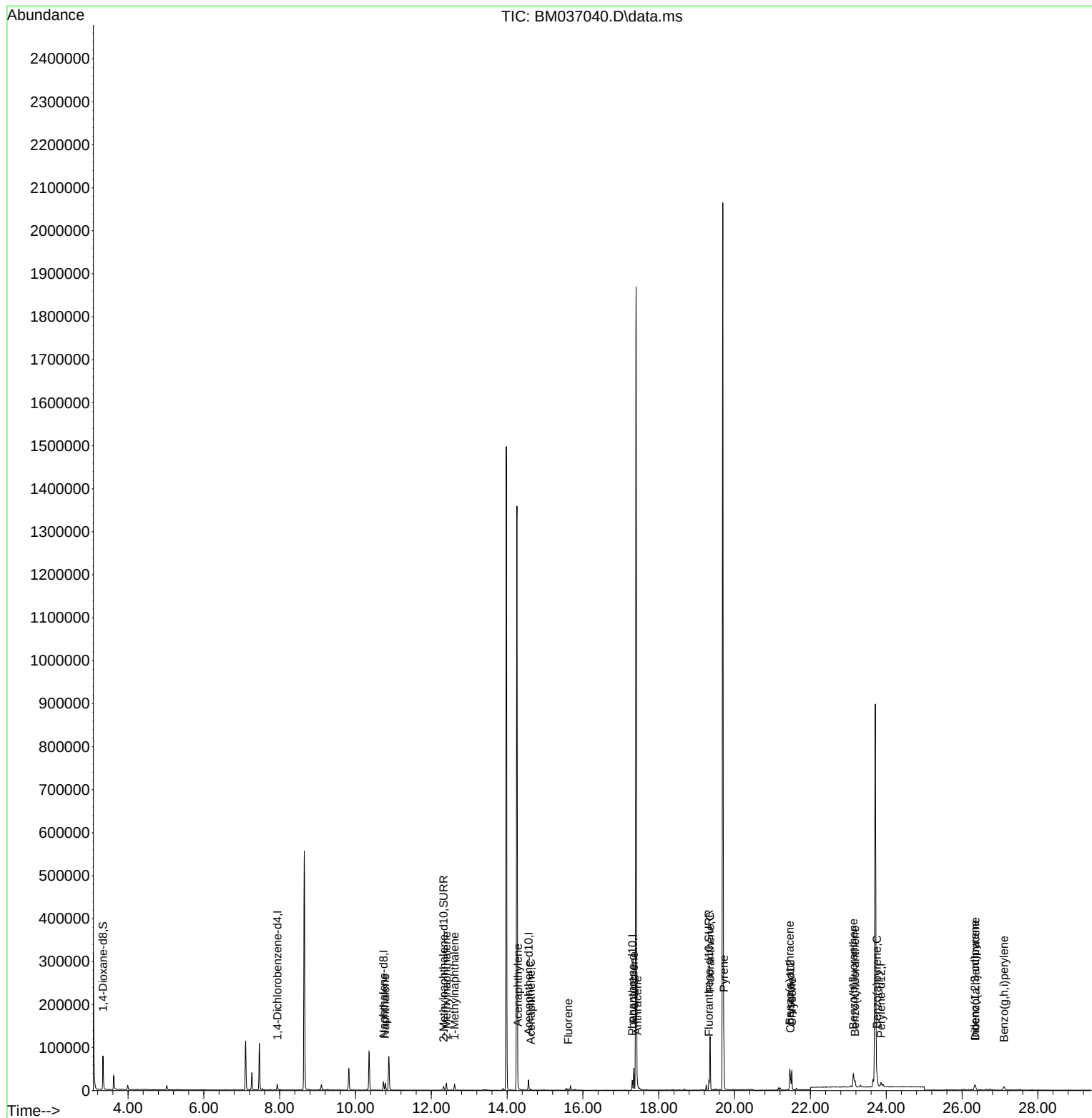
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037040.D
Acq On : 14 Oct 2022 05:26
Operator : CG/JU
Sample : N5025-07
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ALS Vial : 34 Sample Multiplier: 1

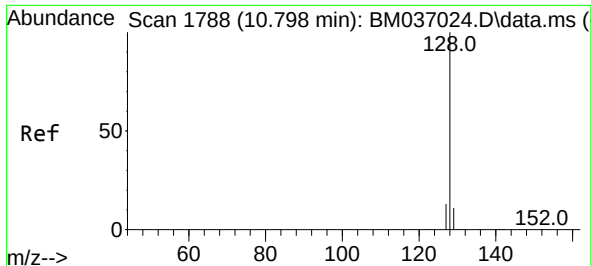
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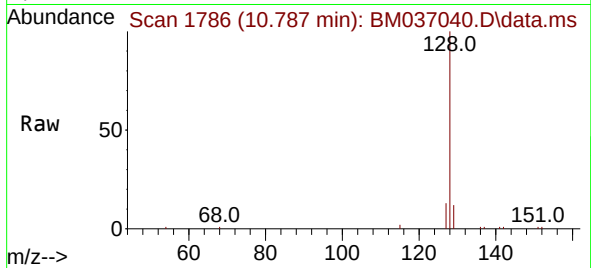
Quant Time: Oct 14 05:59:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. -0.017 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

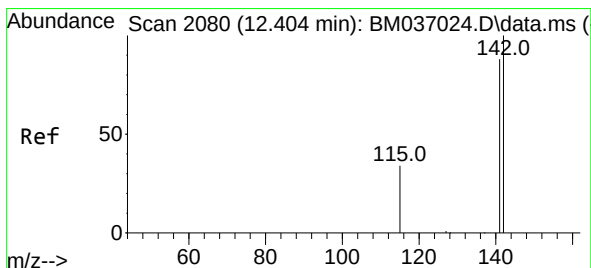
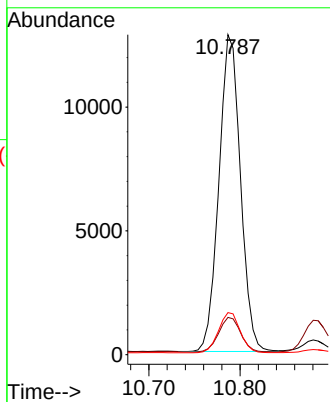
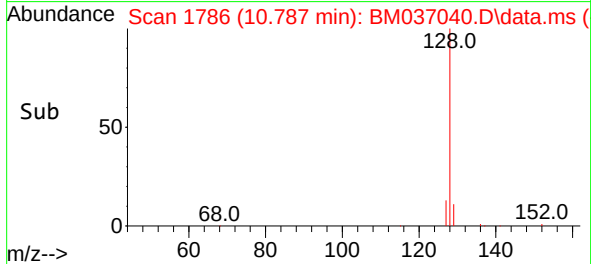
Instrument :
BNA_M
ClientSampleId :
C0BE0



Tgt Ion:128 Resp: 21030
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.1 11.7 17.5

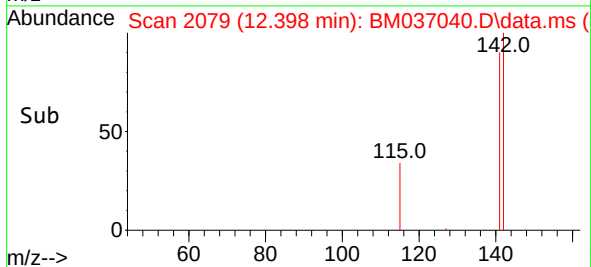
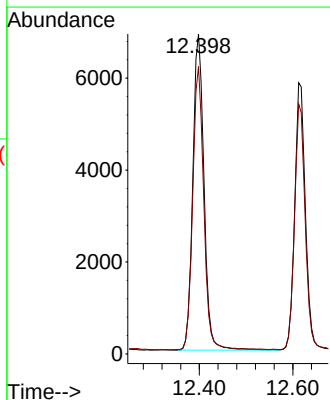
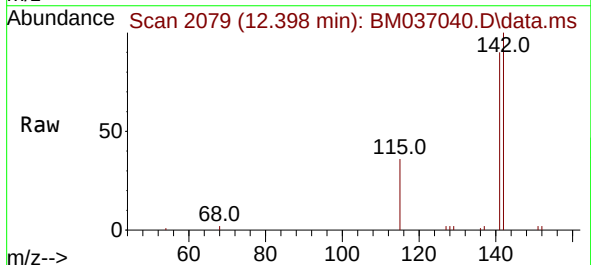
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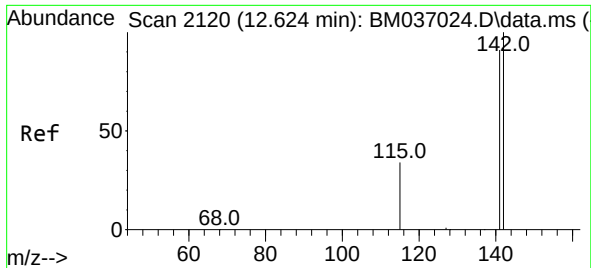
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.017 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

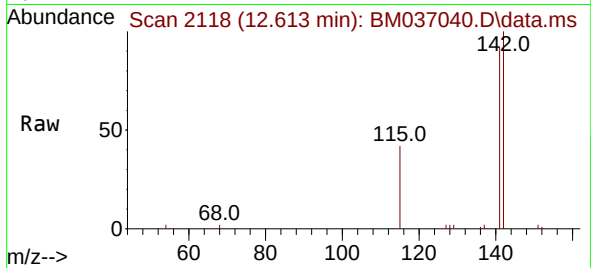
Tgt Ion:142 Resp: 11425
Ion Ratio Lower Upper
142 100
141 88.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.017 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

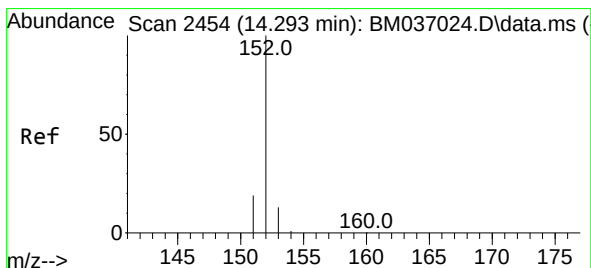
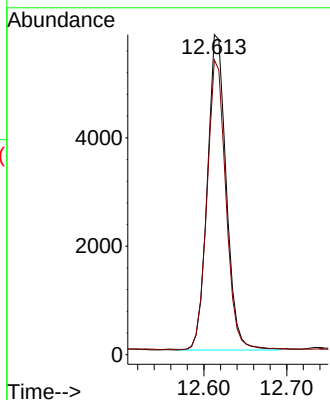
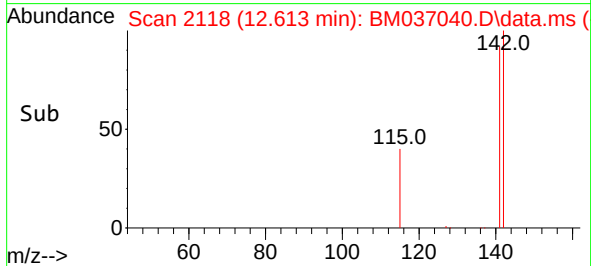
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 9229
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1

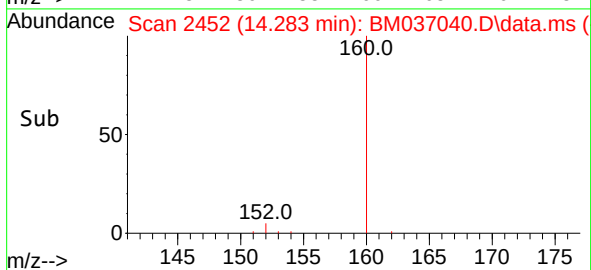
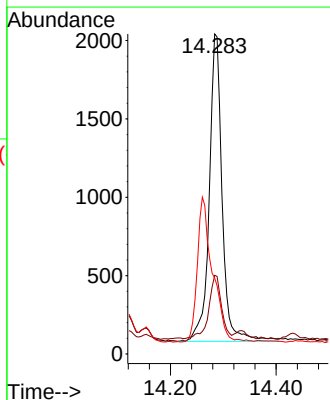
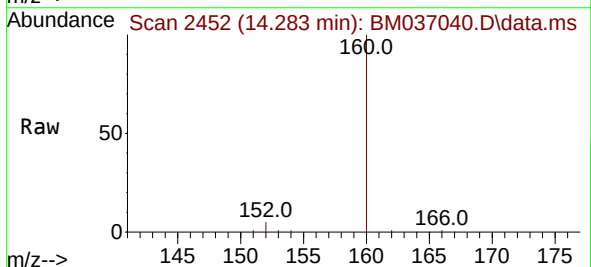
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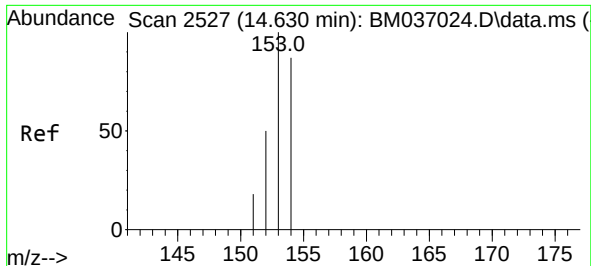
Reviewed By :Jagrut Upadhyay 10/14/2022
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#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.283 min Scan# 2452
Delta R.T. -0.014 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

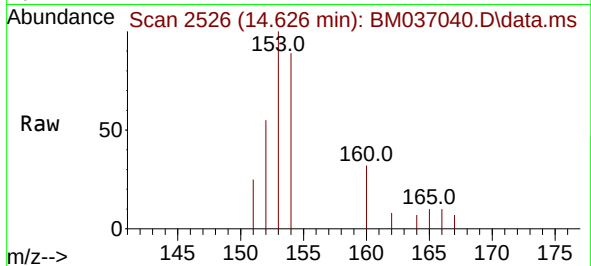
Tgt Ion:152 Resp: 3336
Ion Ratio Lower Upper
152 100
151 24.6 16.6 24.8
153 23.7 11.4 17.0#





#11
Acenaphthene
Concen: 0.034 ng/u1
RT: 14.626 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

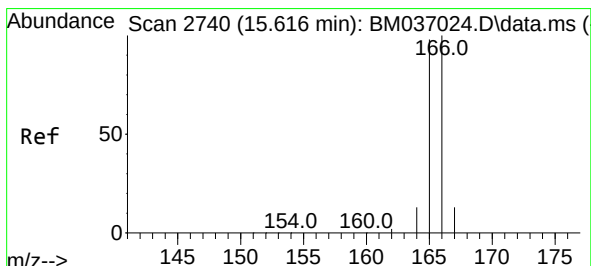
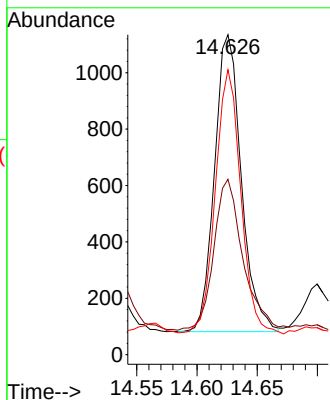
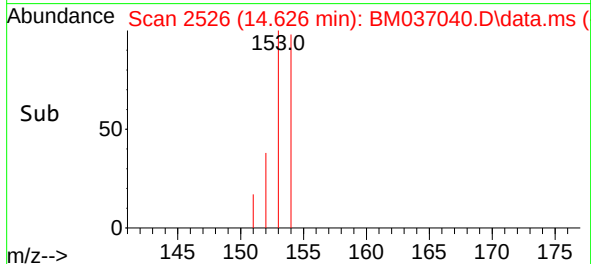
Instrument :
BNA_M
ClientSampleId :
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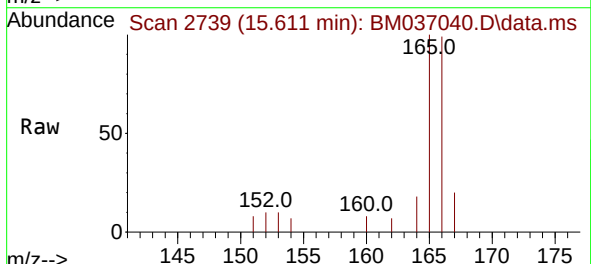
Tgt Ion:153 Resp: 1632
Ion Ratio Lower Upper
153 100
152 54.8 40.2 60.4
154 89.1 69.7 104.5

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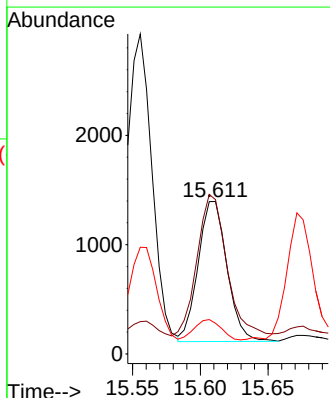
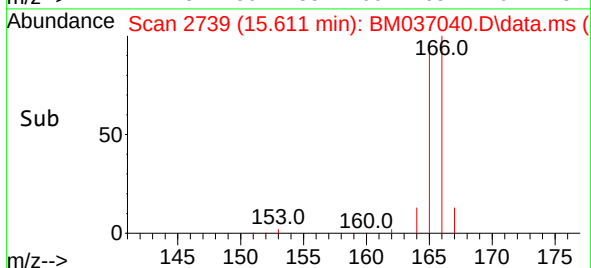
Reviewed By :Jagrut Upadhyay 10/14/2022
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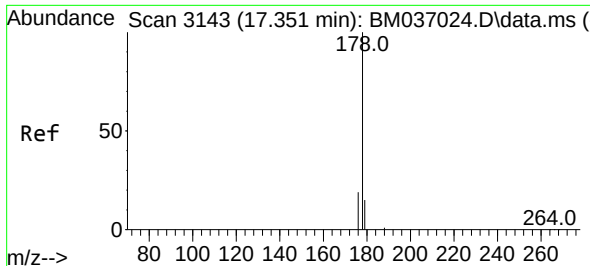


#12
Fluorene
Concen: 0.035 ng/u1
RT: 15.611 min Scan# 2739
Delta R.T. -0.009 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26



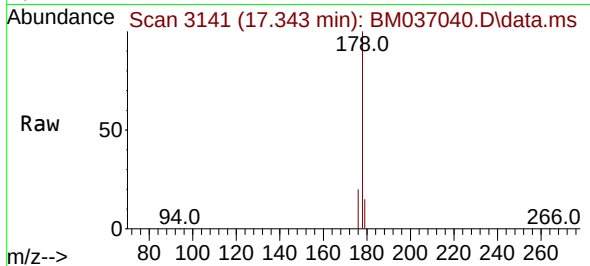
Tgt Ion:166 Resp: 1906
Ion Ratio Lower Upper
166 100
165 101.3 78.9 118.3
167 20.1 11.3 16.9#





#15
Phenanthrene
Concen: 0.635 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.013 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

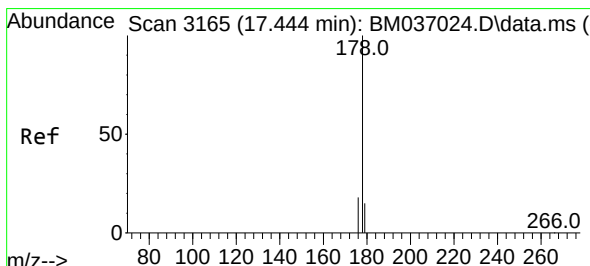
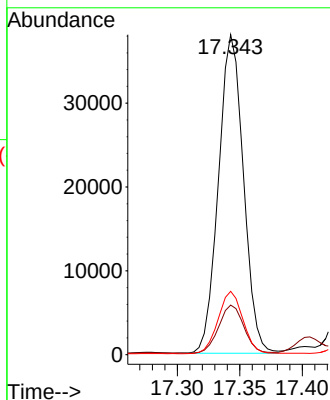
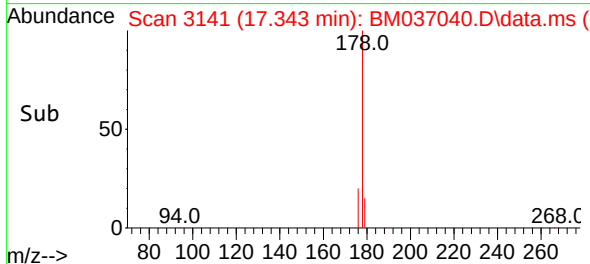
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ClientSampleId :
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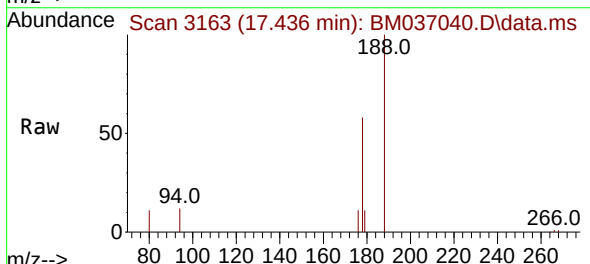
Tgt Ion:178 Resp: 52738
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.8 15.6 23.4

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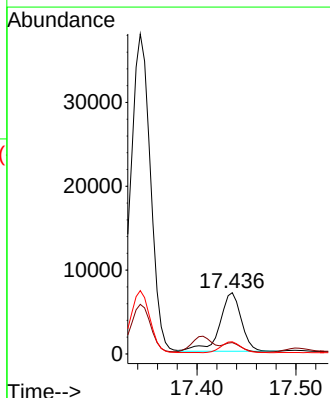
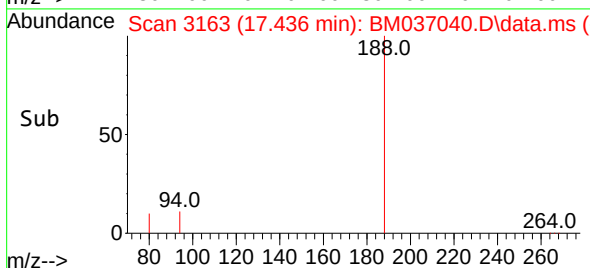
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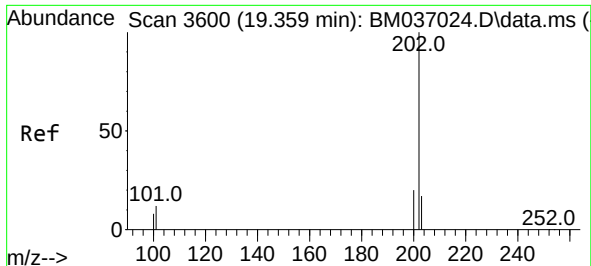


#16
Anthracene
Concen: 0.152 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26



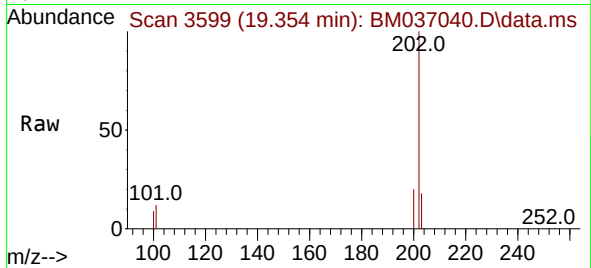
Tgt Ion:178 Resp: 10570
Ion Ratio Lower Upper
178 100
179 18.5 13.6 20.4
176 20.0 15.6 23.4





#19
Fluoranthene
Concen: 1.510 ng/ul
RT: 19.354 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

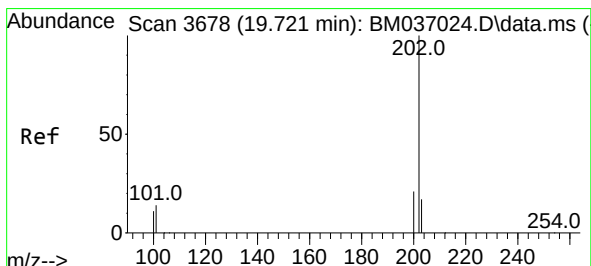
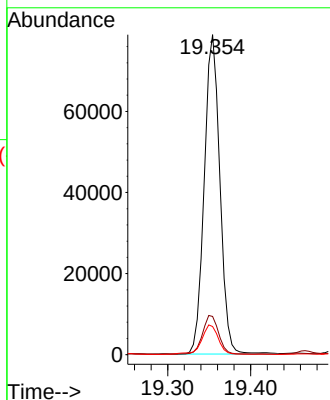
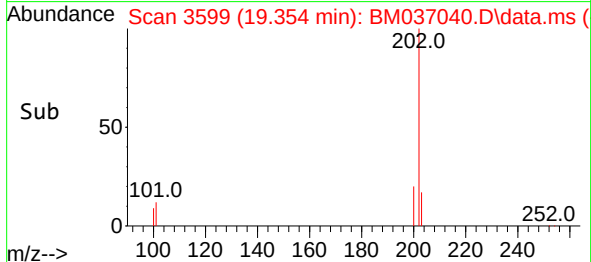
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ClientSampleId :
C0BE0



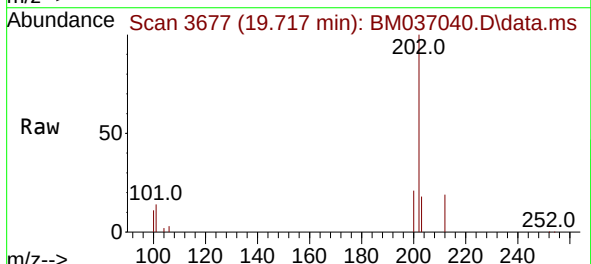
Tgt Ion:202 Resp: 103334
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 8.8 7.9 11.9

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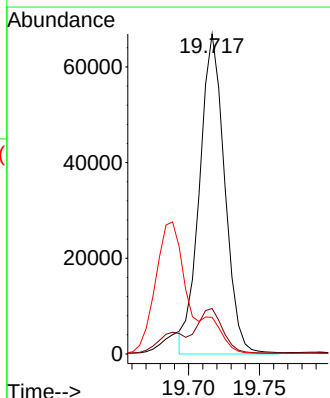
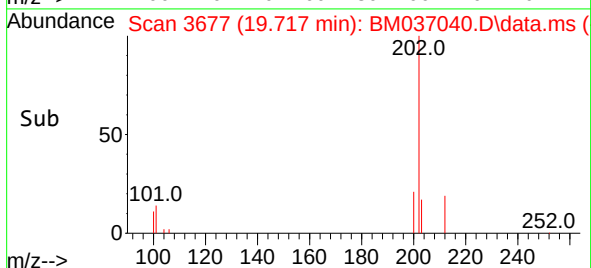
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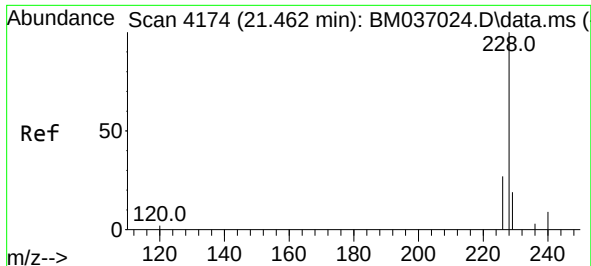


#20
Pyrene
Concen: 1.157 ng/ul m
RT: 19.717 min Scan# 3677
Delta R.T. -0.009 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26



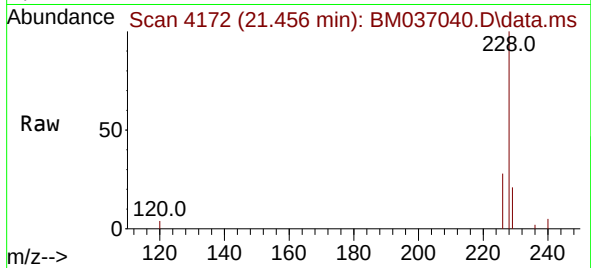
Tgt Ion:202 Resp: 82525
Ion Ratio Lower Upper
202 100
101 14.2 12.0 18.0
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.635 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.012 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

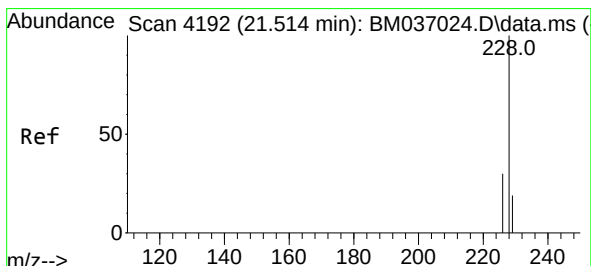
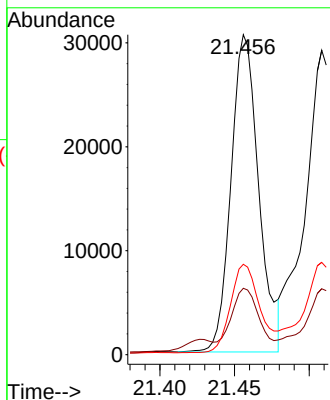
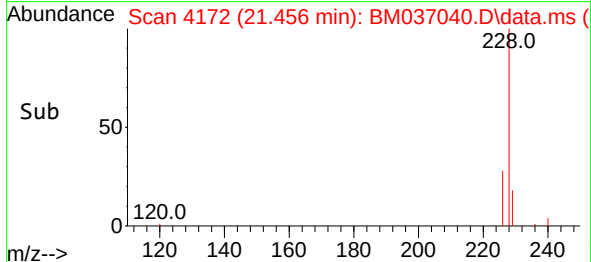
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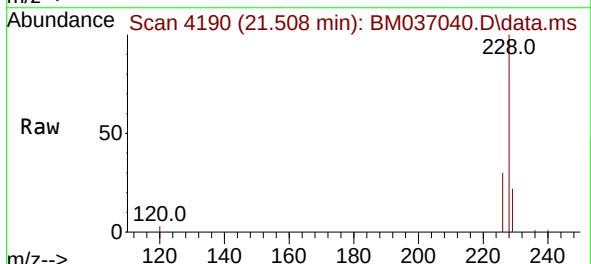
Tgt Ion:228 Resp: 39458
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 28.3 22.5 33.7

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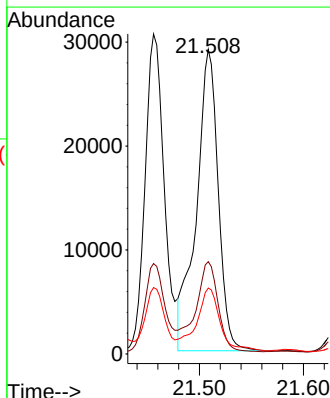
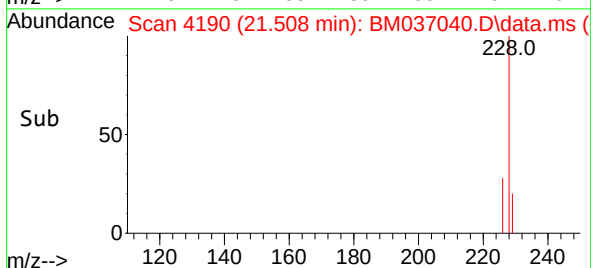
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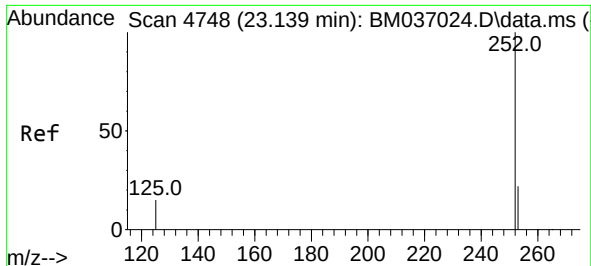


#22
Chrysene
Concen: 0.635 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.012 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26



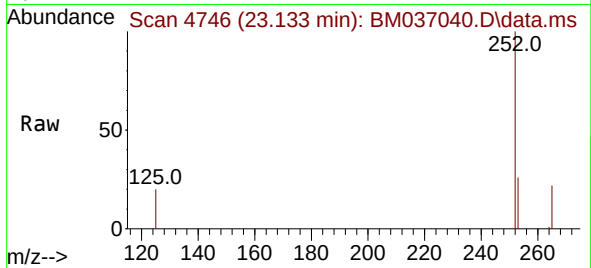
Tgt Ion:228 Resp: 42403
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.837 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

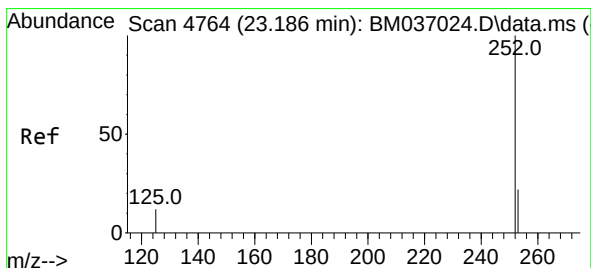
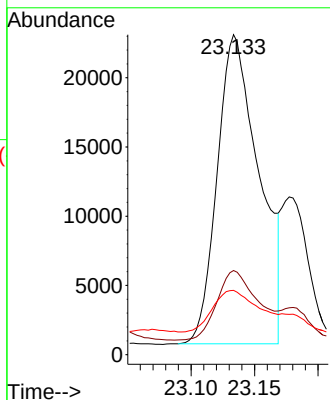
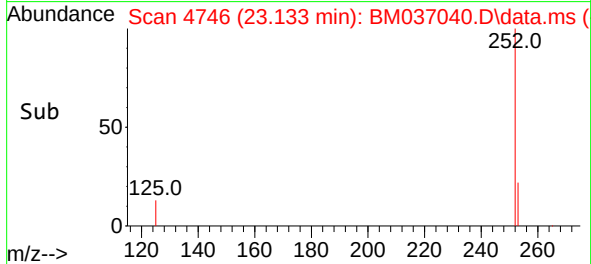
Instrument :
BNA_M
ClientSampleId :
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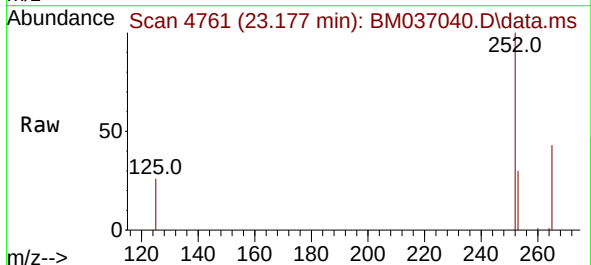
Tgt Ion:252 Resp: 5118
Ion Ratio Lower Upper
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253 26.3 0.0 61.4
125 20.1 0.0 42.6

Manual Integrations
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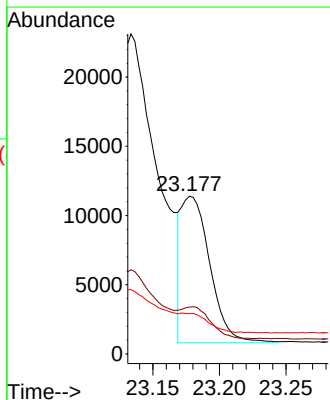
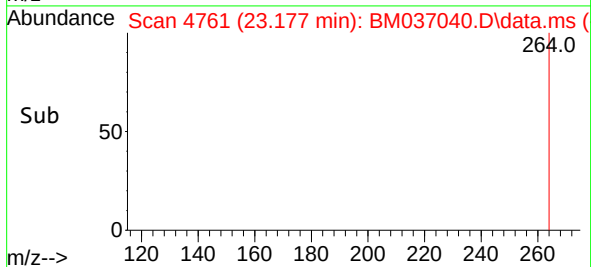
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

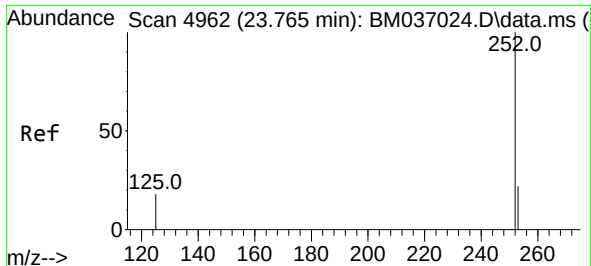


#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.018 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26



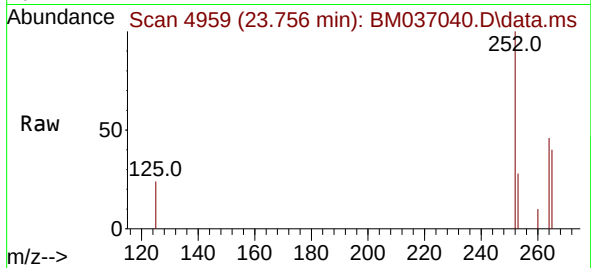
Tgt Ion:252 Resp: 15807
Ion Ratio Lower Upper
252 100
253 29.7 25.2 37.8
125 25.6 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.623 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. -0.015 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

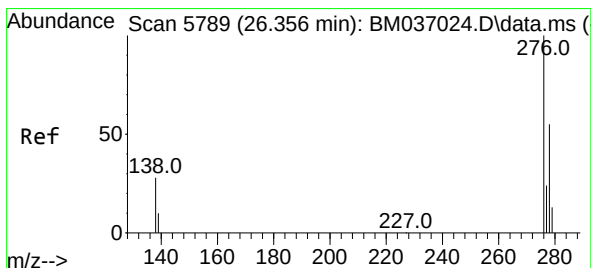
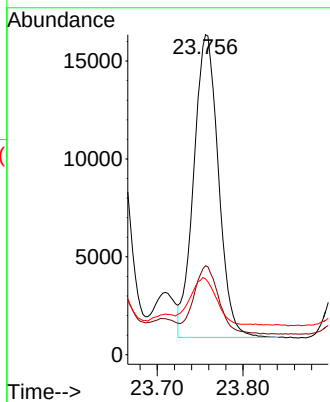
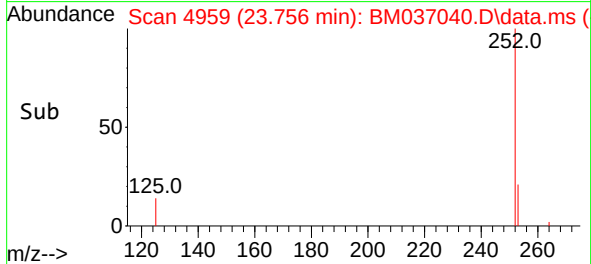
Instrument :
BNA_M
ClientSampleId :
C0BE0



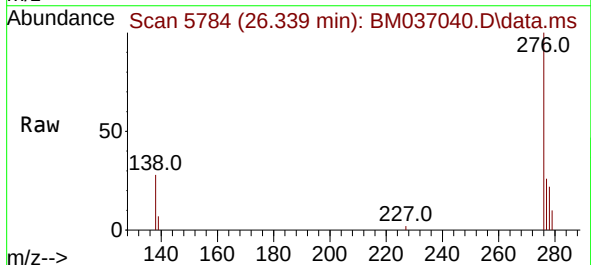
Tgt Ion:252 Resp: 30929
Ion Ratio Lower Upper
252 100
253 27.8 29.7 44.5
125 23.7 23.6 35.4

Manual Integrations
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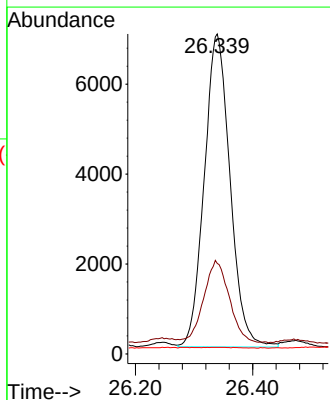
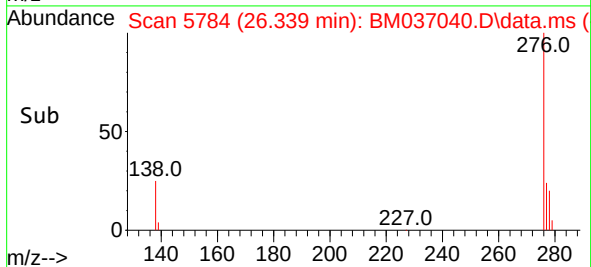
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

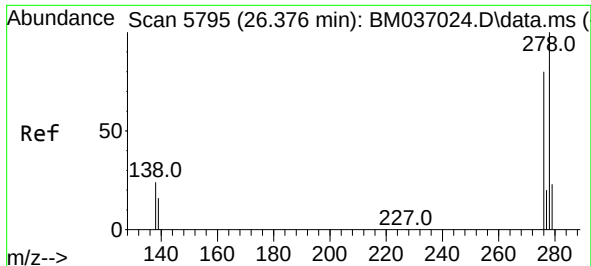


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.024 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26



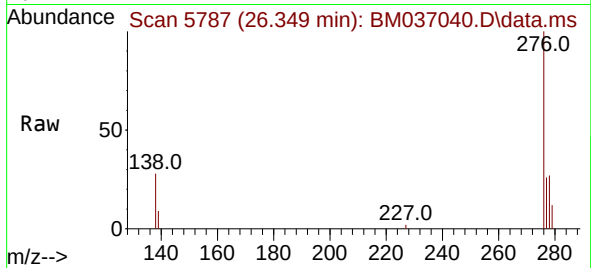
Tgt Ion:276 Resp: 21262
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.349 min Scan# 5787
Delta R.T. -0.030 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26

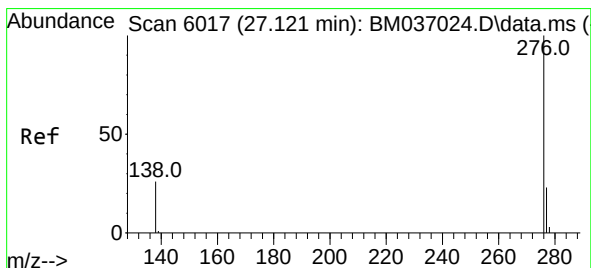
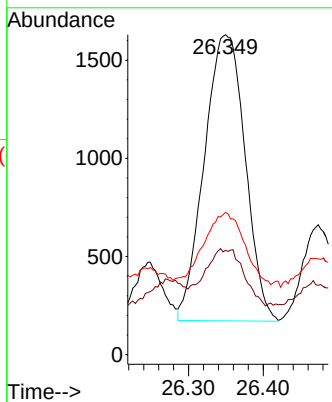
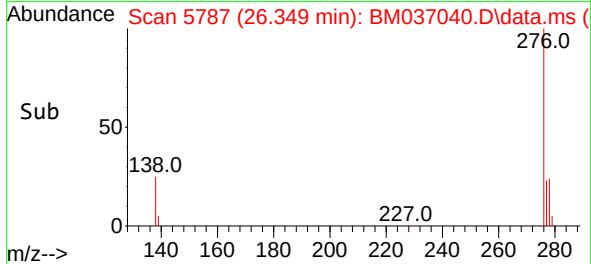
Instrument :
BNA_M
ClientSampleId :
C0BE0



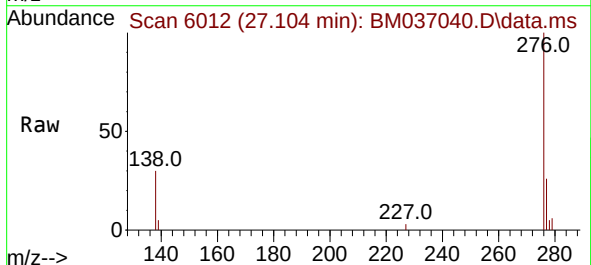
Tgt Ion:278 Resp: 553
Ion Ratio Lower Upper
278 100
139 32.6 19.8 29.6
279 44.5 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 27.104 min Scan# 6012
Delta R.T. -0.024 min
Lab File: BM037040.D
Acq: 14 Oct 2022 05:26



Tgt Ion:276 Resp: 16962
Ion Ratio Lower Upper
276 100
138 30.0 23.4 35.0
277 26.4 21.0 31.4

