

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037036.D
 Acq On : 14 Oct 2022 03:05
 Operator : CG/JU
 Sample : N5025-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD6

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 03:52:55 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	7858	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.743	136	28201	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.567	164	14941	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	28239	0.400	ng/ul	-0.01
17) Chrysene-d12	21.473	240	16776	0.400	ng/ul	-0.01
23) Perylene-d12	23.864	264	14547	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	40226	3.630	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	9274	0.218	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	14853	0.296	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	12217	0.152	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	6851	0.139	ng/ul	91
8) 1-Methylnaphthalene	12.618	142	5426	0.108	ng/ul	100
10) Acenaphthylene	14.289	152	2249	0.036	ng/ul#	84
11) Acenaphthene	14.627	153	1449	0.027	ng/ul	98
12) Fluorene	15.607	166	2601	0.043	ng/ul#	96
15) Phenanthrene	17.344	178	53002	0.588	ng/ul	99
16) Anthracene	17.436	178	12894	0.171	ng/ul	98
19) Fluoranthene	19.355	202	109465	1.641	ng/ul	98
20) Pyrene	19.717	202	82329m	1.183	ng/ul	
21) Benzo(a)anthracene	21.458	228	37320	0.616	ng/ul	99
22) Chrysene	21.511	228	53298	0.819	ng/ul	99
24) Benzo(b)fluoranthene	23.133	252	52220	0.804	ng/ul	94
25) Benzo(k)fluoranthene	23.176	252	18156m	0.287	ng/ul	
26) Benzo(a)pyrene	23.758	252	32519	0.617	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.339	276	24374	0.326	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.355	278	5766	0.096	ng/ul#	84
29) Benzo(g,h,i)perylene	27.110	276	21565	0.328	ng/ul	100

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

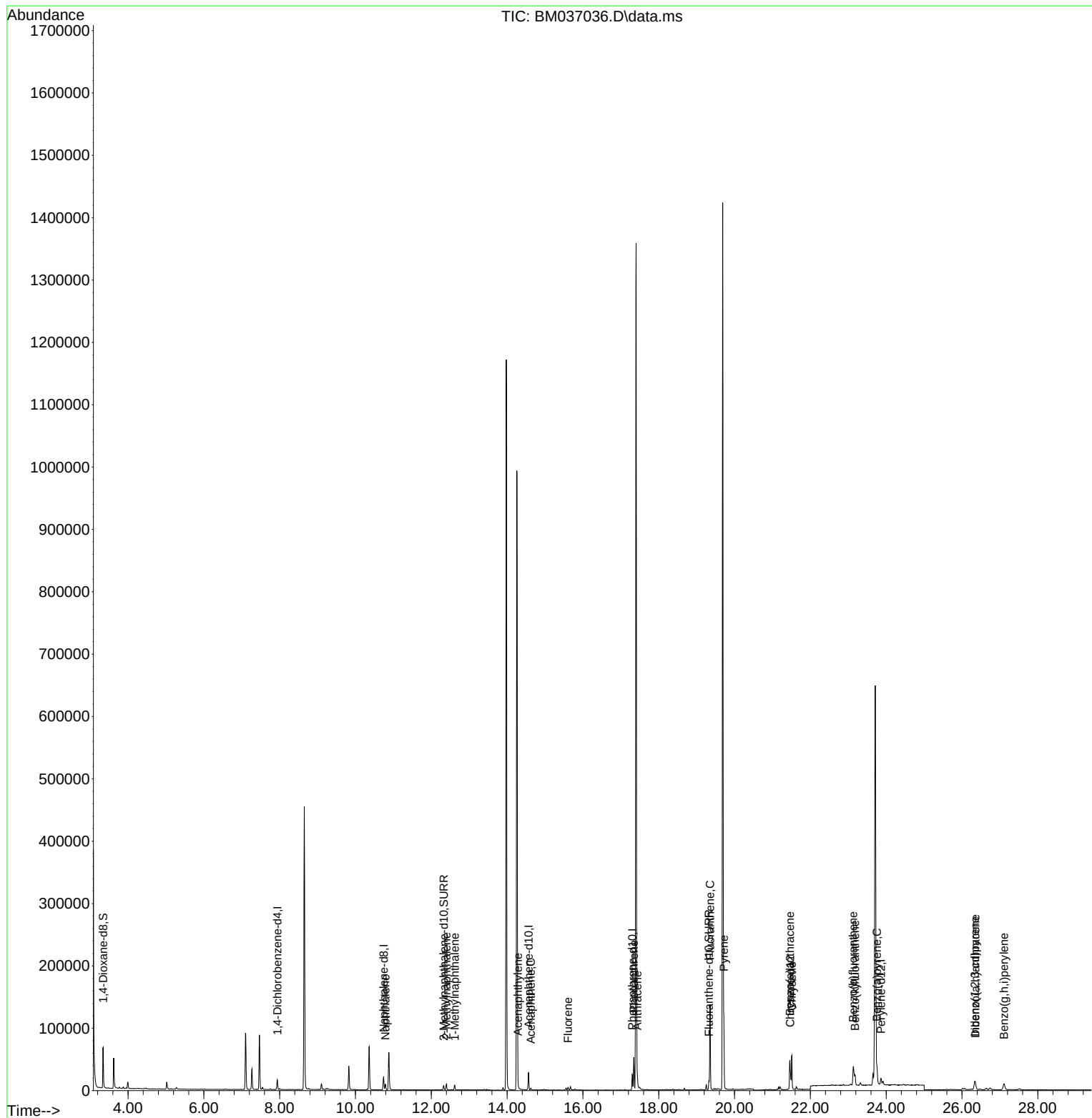
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037036.D
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ALS Vial : 30 Sample Multiplier: 1

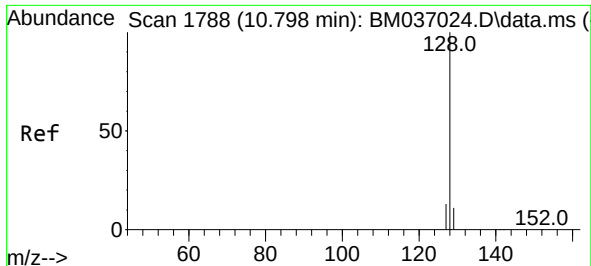
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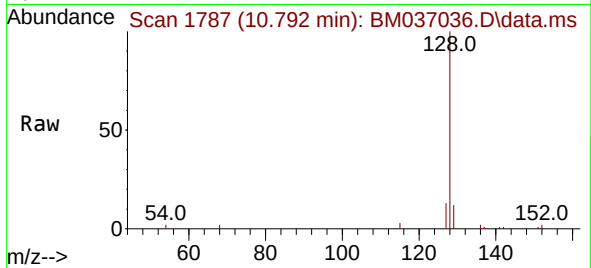
Quant Time: Oct 14 03:52:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.152 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.011 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

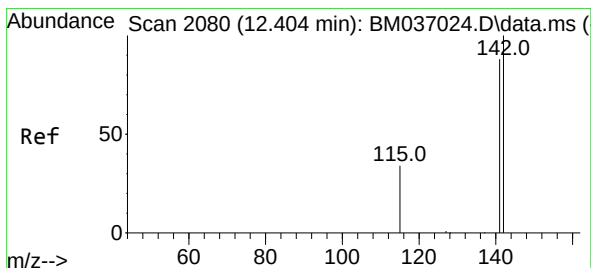
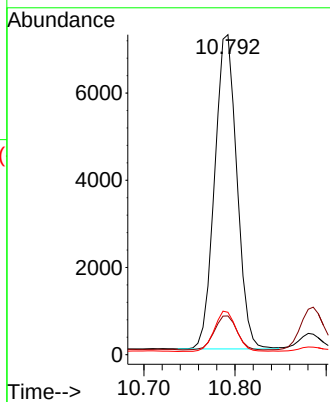
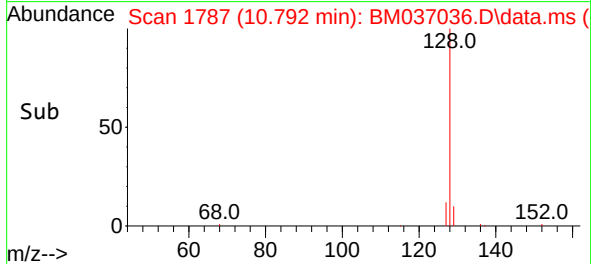
Instrument :
BNA_M
ClientSampleId :
C0BD6



Tgt Ion:128 Resp: 1221
Ion Ratio Lower Upper
128 100
129 12.1 10.2 15.2
127 13.2 11.7 17.5

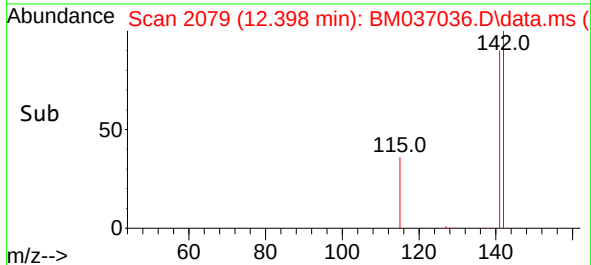
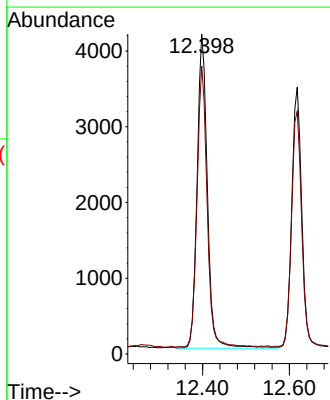
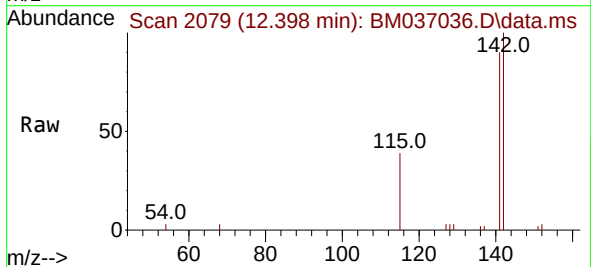
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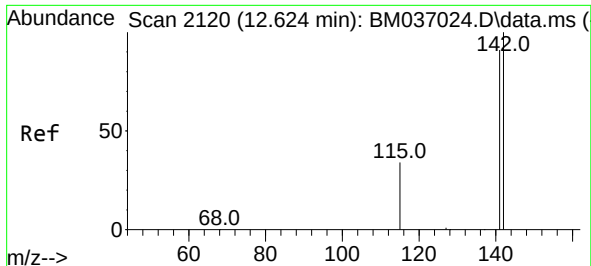
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.017 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

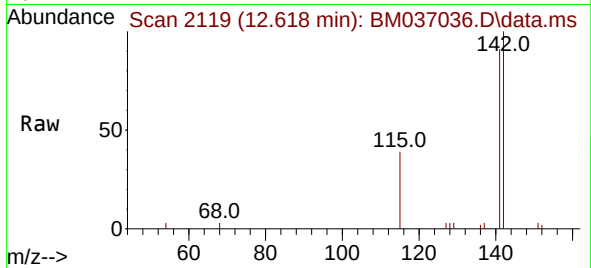
Tgt Ion:142 Resp: 6851
Ion Ratio Lower Upper
142 100
141 88.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

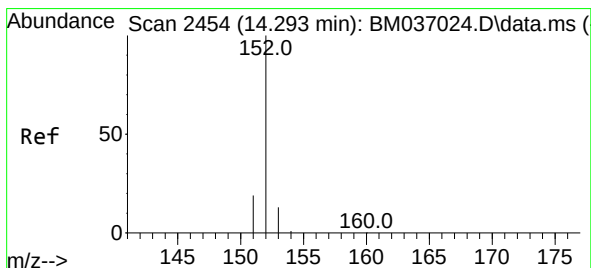
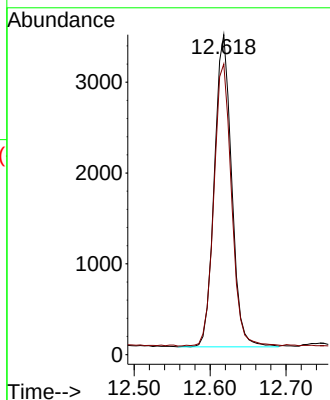
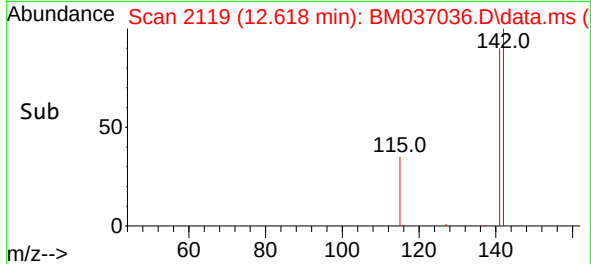
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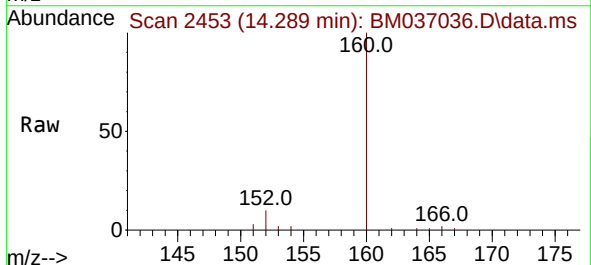
Tgt Ion:142 Resp: 5420
Ion Ratio Lower Upper
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141 92.2 74.1 111.1

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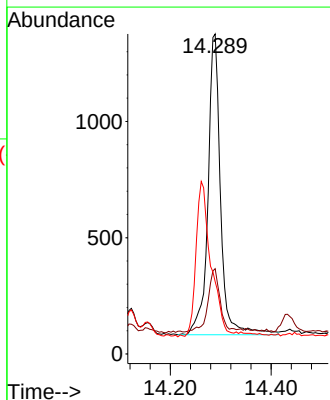
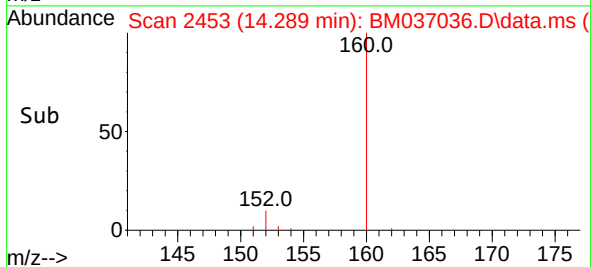
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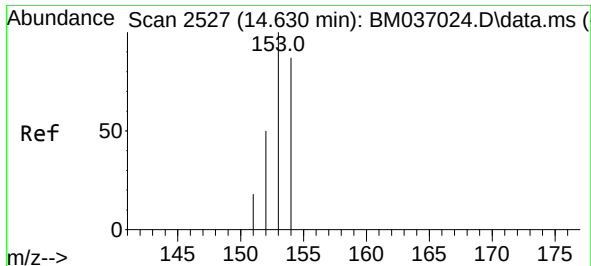


#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



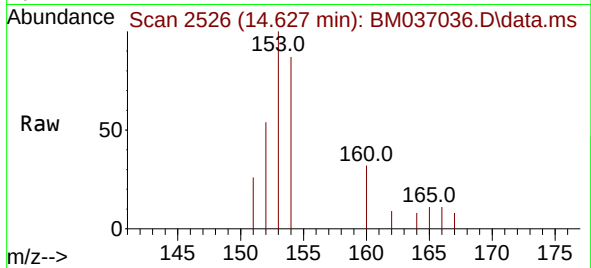
Tgt Ion:152 Resp: 2249
Ion Ratio Lower Upper
152 100
151 26.7 16.6 24.8#
153 22.6 11.4 17.0#





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.627 min Scan# 2144
Delta R.T. -0.013 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

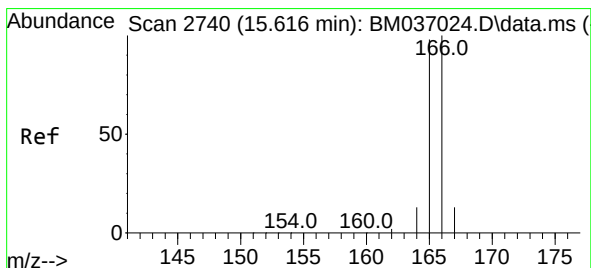
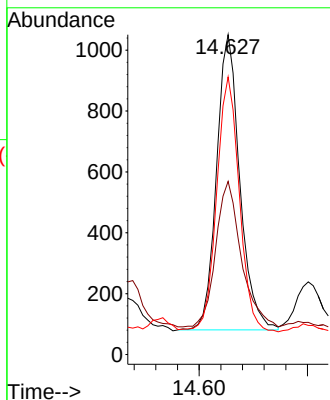
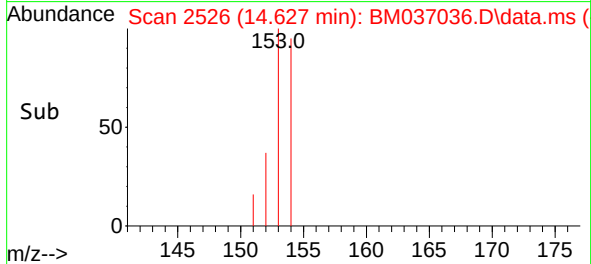
Instrument :
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ClientSampleId :
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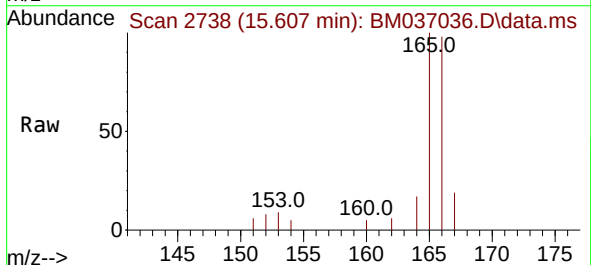
Tgt Ion:153 Resp: 1449
Ion Ratio Lower Upper
153 100
152 54.1 40.2 60.4
154 86.8 69.7 104.5

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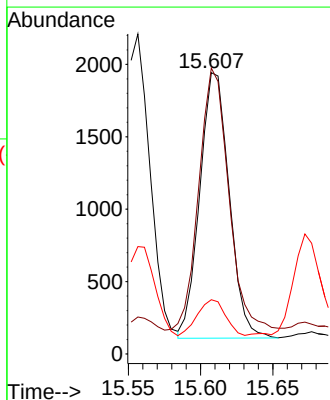
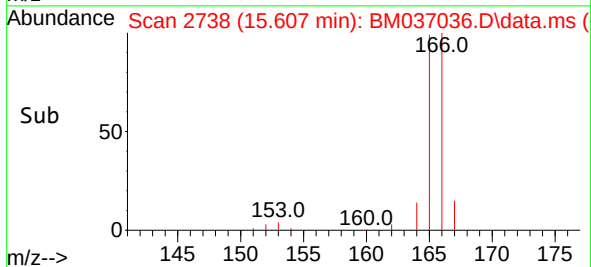
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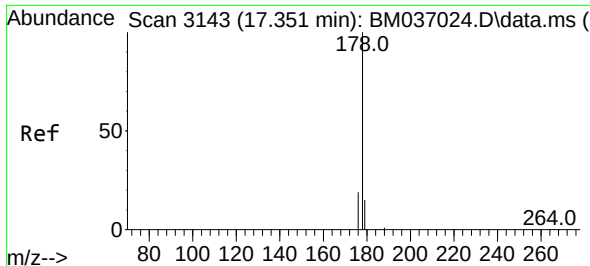


#12
Fluorene
Concen: 0.043 ng/u1
RT: 15.607 min Scan# 2738
Delta R.T. -0.013 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



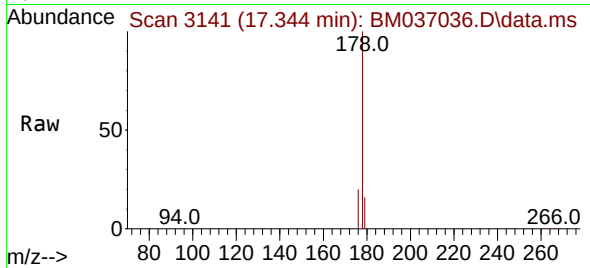
Tgt Ion:166 Resp: 2601
Ion Ratio Lower Upper
166 100
165 101.6 78.9 118.3
167 19.3 11.3 16.9#





#15
Phenanthrene
Concen: 0.588 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

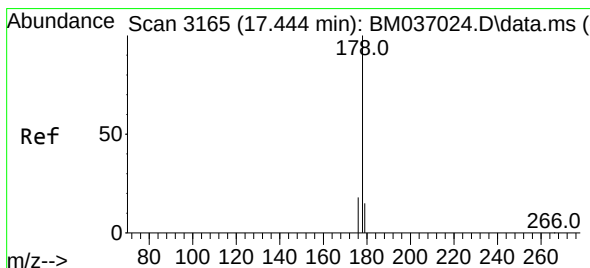
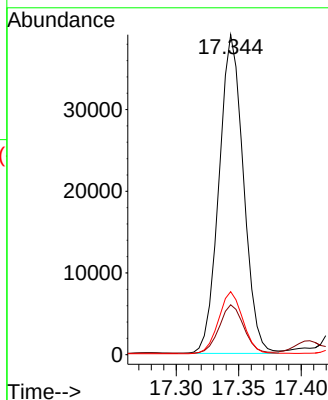
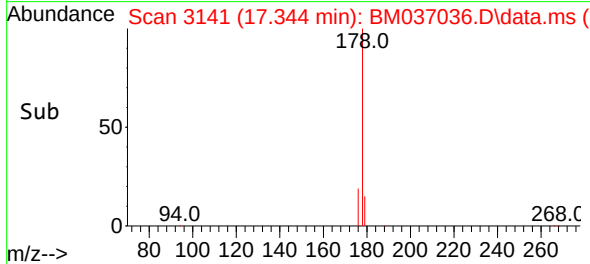
Instrument :
BNA_M
ClientSampleId :
C0BD6



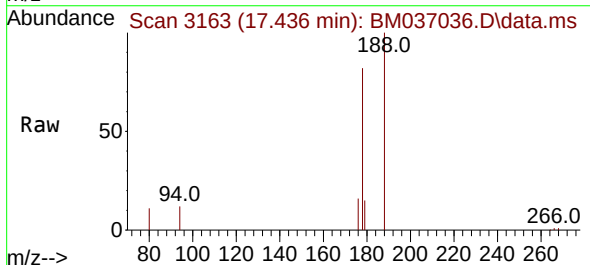
Tgt Ion:178 Resp: 53002
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.7 15.6 23.4

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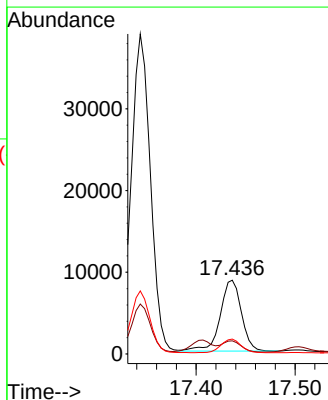
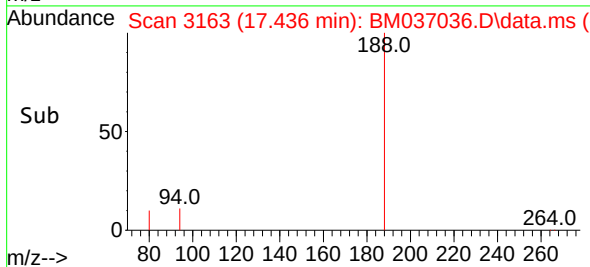
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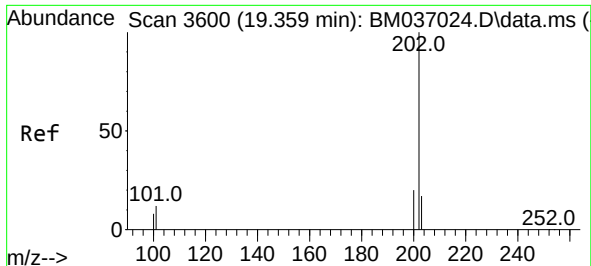


#16
Anthracene
Concen: 0.171 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



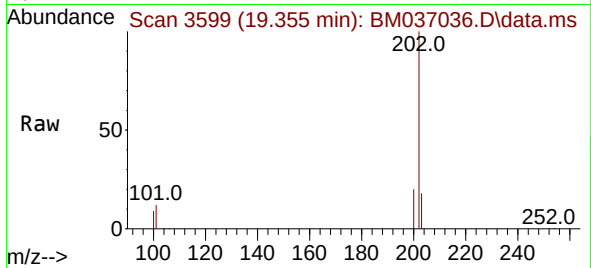
Tgt Ion:178 Resp: 12894
Ion Ratio Lower Upper
178 100
179 17.8 13.6 20.4
176 20.2 15.6 23.4





#19
Fluoranthene
Concen: 1.641 ng/ul
RT: 19.355 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

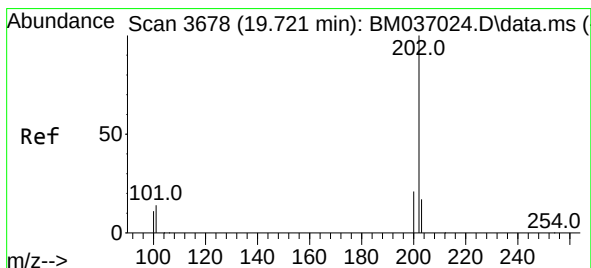
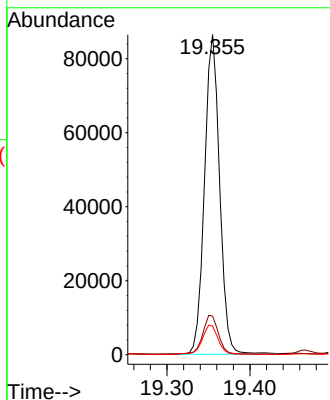
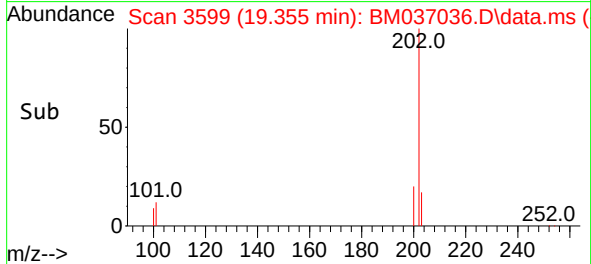
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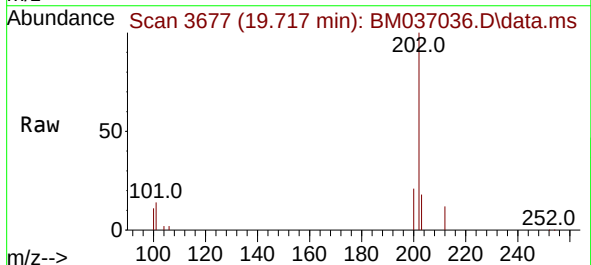
Tgt Ion:202 Resp: 10946
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 8.9 7.9 11.9

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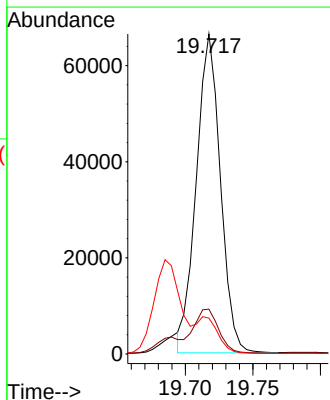
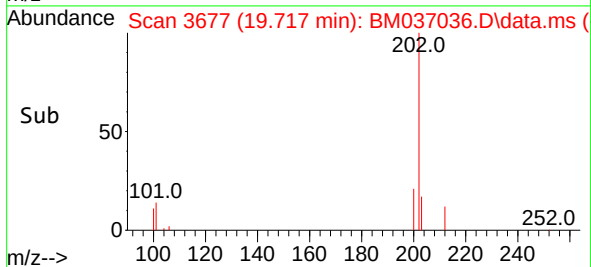
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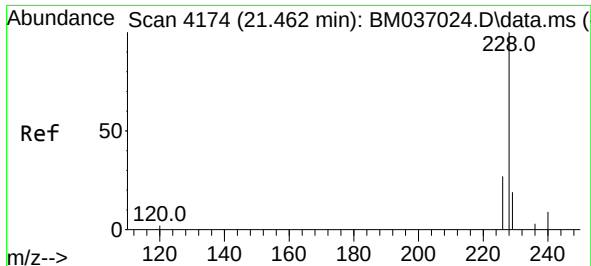


#20
Pyrene
Concen: 1.183 ng/ul m
RT: 19.717 min Scan# 3677
Delta R.T. -0.008 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



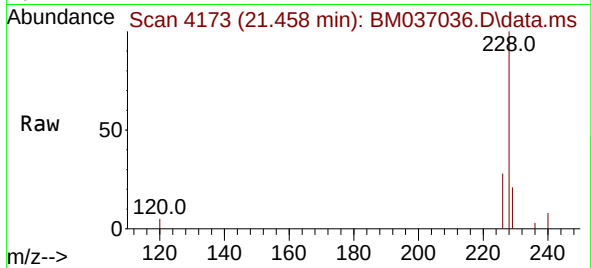
Tgt Ion:202 Resp: 82329
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.616 ng/u1
RT: 21.458 min Scan# 4173
Delta R.T. -0.010 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

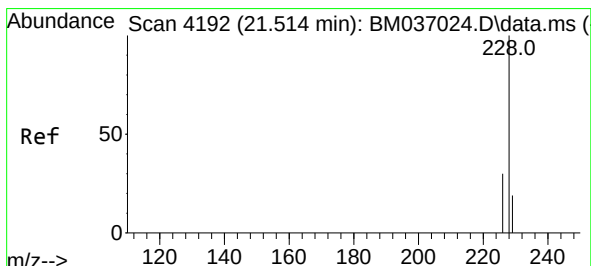
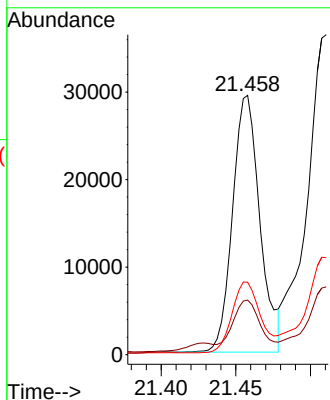
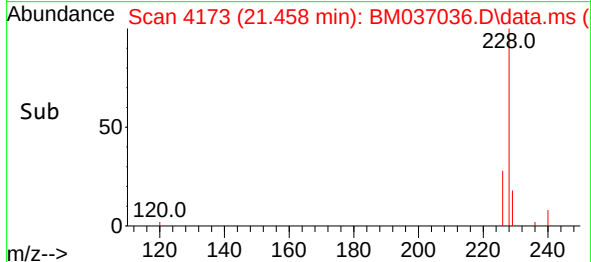
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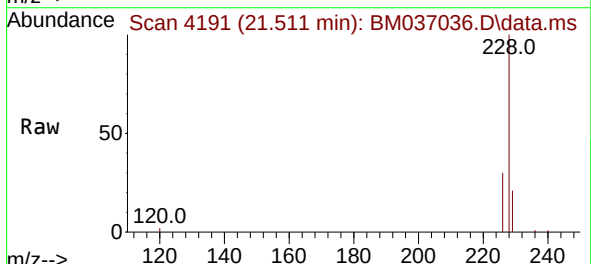
Tgt Ion:228 Resp: 37320
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 28.0 22.5 33.7

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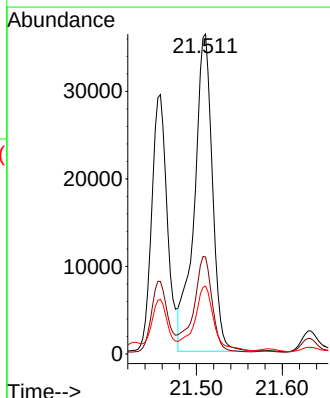
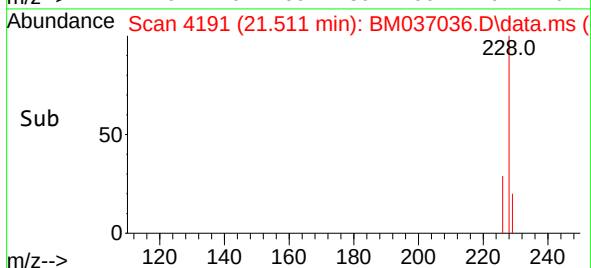
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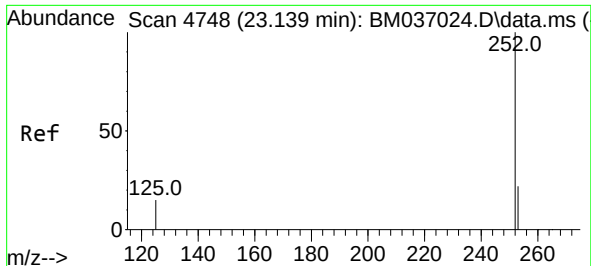


#22
Chrysene
Concen: 0.819 ng/u1
RT: 21.511 min Scan# 4191
Delta R.T. -0.010 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



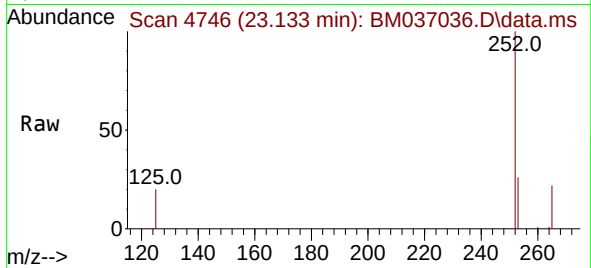
Tgt Ion:228 Resp: 53298
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.804 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.013 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

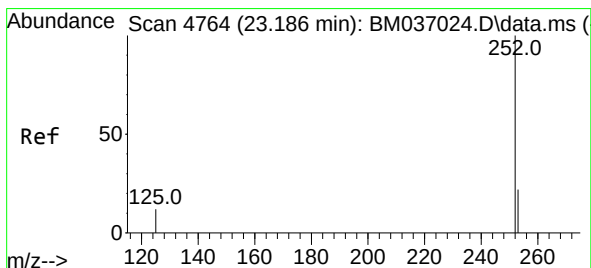
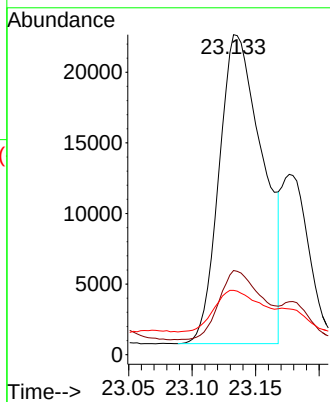
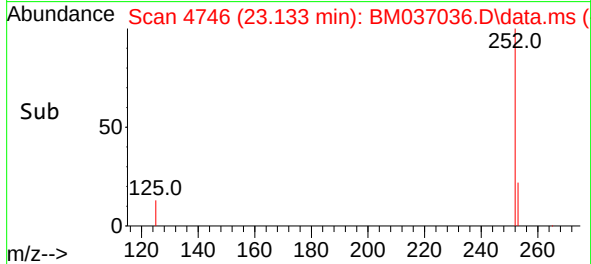
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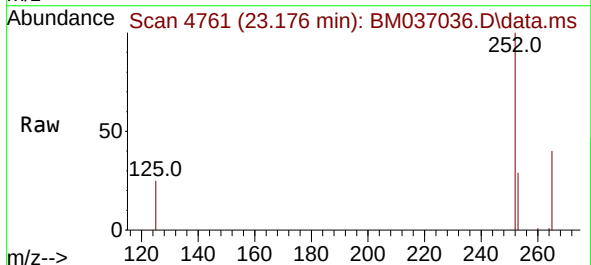
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Ion Ratio Lower Upper
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253 26.3 0.0 61.4
125 20.1 0.0 42.6

Manual Integrations
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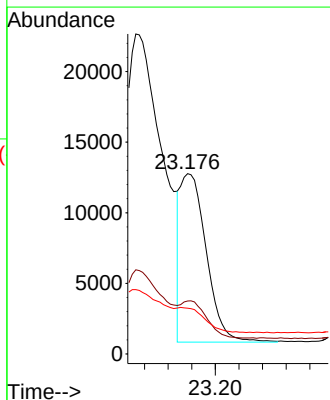
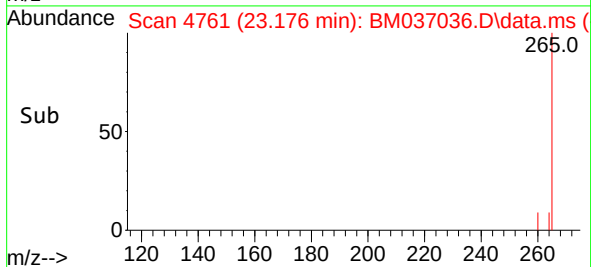
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Supervised By :mohammad ahmed 10/16/2022

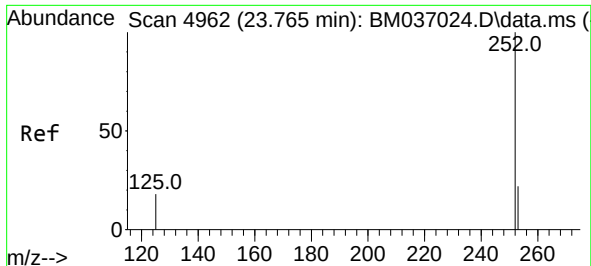


#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul m
RT: 23.176 min Scan# 4761
Delta R.T. -0.018 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



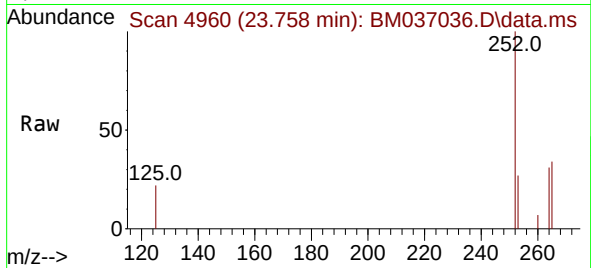
Tgt Ion:252 Resp: 18156
Ion Ratio Lower Upper
252 100
253 29.4 25.2 37.8
125 25.3 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.617 ng/ul
RT: 23.758 min Scan# 4960
Delta R.T. -0.013 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

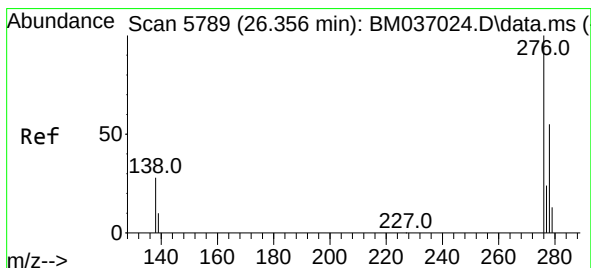
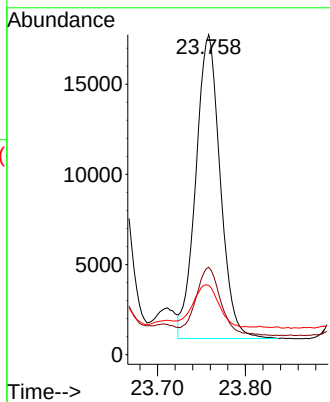
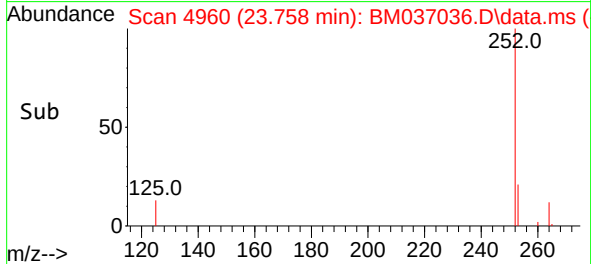
Instrument :
BNA_M
ClientSampleId :
C0BD6



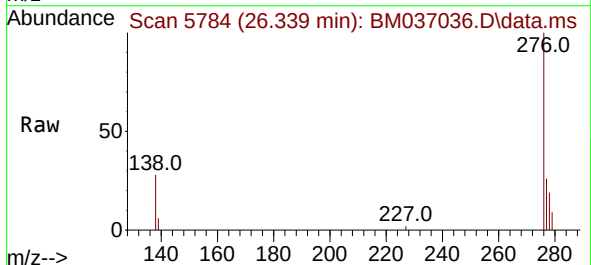
Tgt Ion:252 Resp: 32519
Ion Ratio Lower Upper
252 100
253 27.3 29.7 44.5
125 21.6 23.6 35.4

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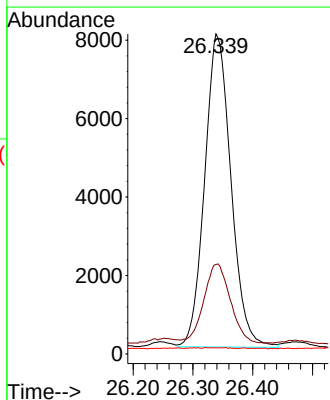
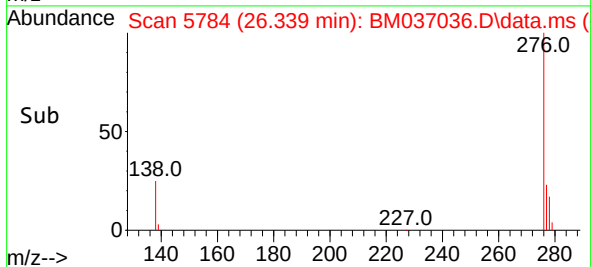
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

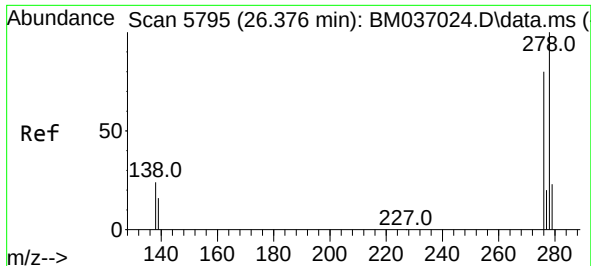


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.024 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



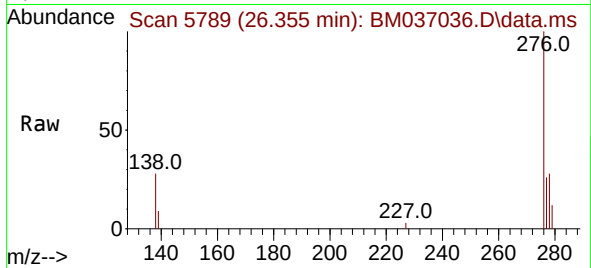
Tgt Ion:276 Resp: 24374
Ion Ratio Lower Upper
276 100
138 25.5 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 26.355 min Scan# 5789
Delta R.T. -0.024 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05

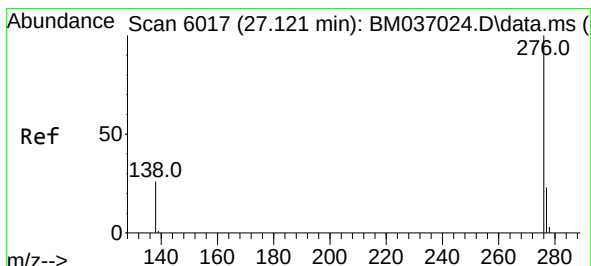
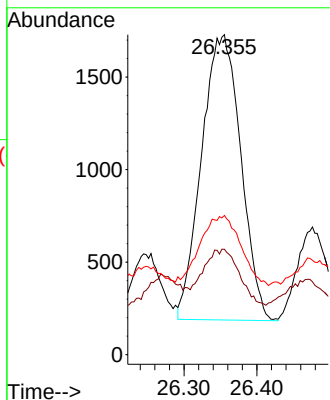
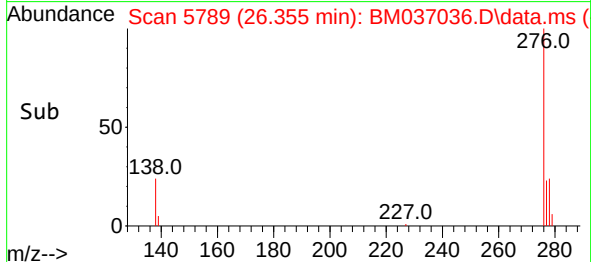
Instrument :
BNA_M
ClientSampleId :
C0BD6



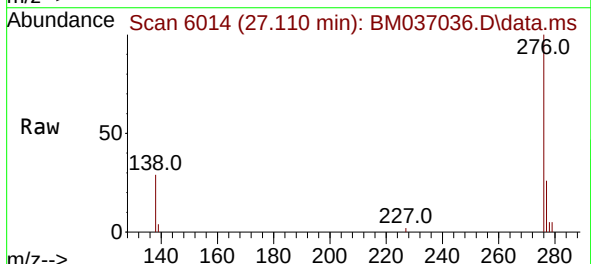
Tgt Ion:278 Resp: 5760
Ion Ratio Lower Upper
278 100
139 33.0 19.8 29.6
279 43.5 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 27.110 min Scan# 6014
Delta R.T. -0.018 min
Lab File: BM037036.D
Acq: 14 Oct 2022 03:05



Tgt Ion:276 Resp: 21565
Ion Ratio Lower Upper
276 100
138 29.0 23.4 35.0
277 26.0 21.0 31.4

