

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037039.D
 Acq On : 14 Oct 2022 04:51
 Operator : CG/JU
 Sample : N5025-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD9

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 05:21:26 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	6488	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.737	136	23602	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.566	164	12943	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	25589	0.400	ng/ul	-0.01
17) Chrysene-d12	21.473	240	16983	0.400	ng/ul	-0.01
23) Perylene-d12	23.864	264	13446	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	46609	5.094	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	10883	0.305	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	20733	0.408	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	27597	0.409	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	14533	0.352	ng/ul	92
8) 1-Methylnaphthalene	12.618	142	11759	0.280	ng/ul	100
10) Acenaphthylene	14.284	152	5065	0.094	ng/ul#	92
11) Acenaphthene	14.626	153	2239	0.048	ng/ul	98
12) Fluorene	15.607	166	3347	0.063	ng/ul#	96
15) Phenanthrene	17.343	178	86883	1.064	ng/ul	99
16) Anthracene	17.436	178	17408	0.255	ng/ul	100
19) Fluoranthene	19.354	202	137464	2.035	ng/ul	98
20) Pyrene	19.717	202	105793m	1.502	ng/ul	
21) Benzo(a)anthracene	21.456	228	48046	0.783	ng/ul	99
22) Chrysene	21.509	228	46240	0.702	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	51341	0.855	ng/ul	94
25) Benzo(k)fluoranthene	23.177	252	17420m	0.298	ng/ul	
26) Benzo(a)pyrene	23.756	252	34029	0.698	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.339	276	21234	0.308	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.353	278	5424	0.097	ng/ul#	83
29) Benzo(g,h,i)perylene	27.104	276	16449	0.270	ng/ul	98

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

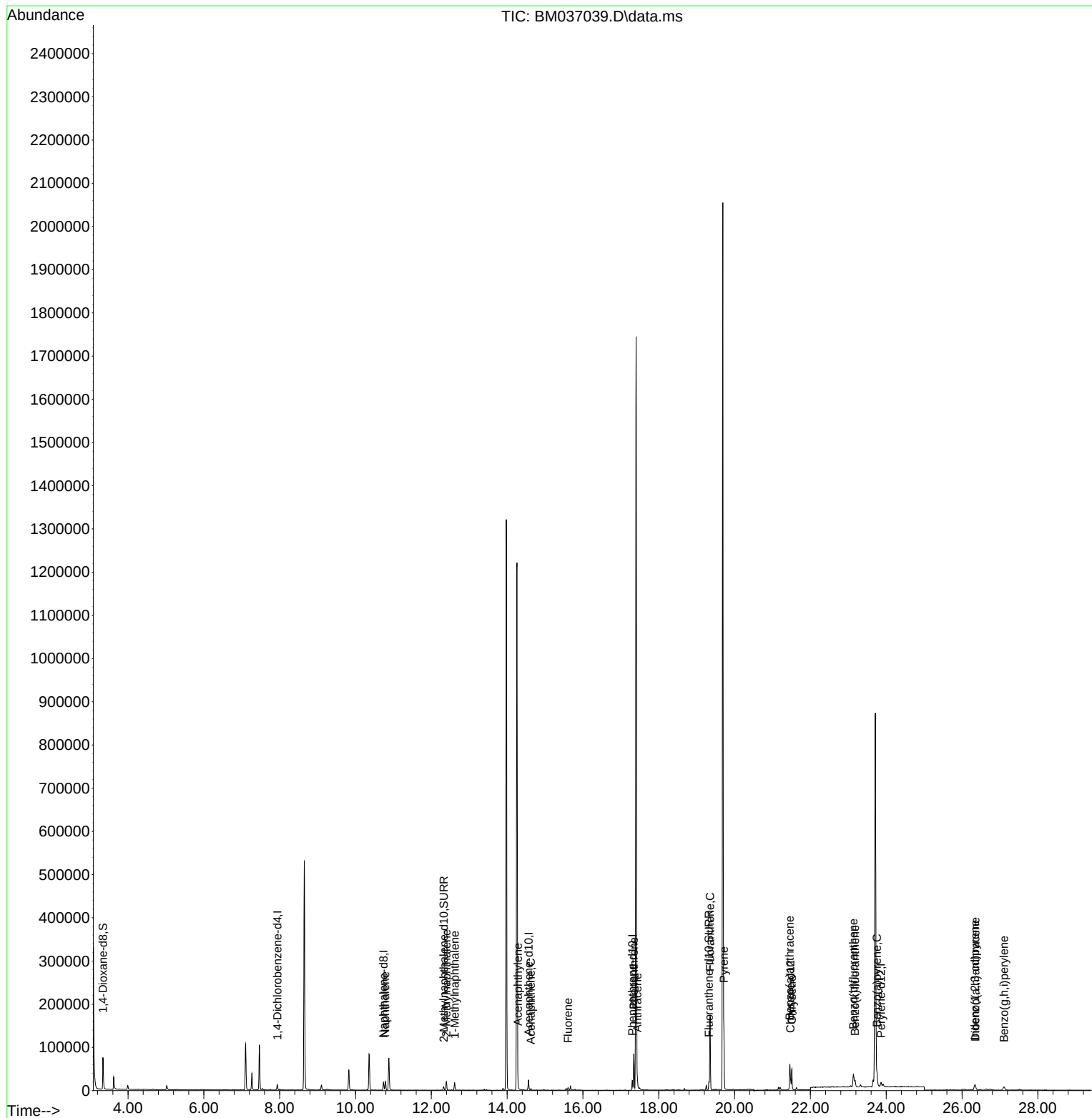
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037039.D
Acq On : 14 Oct 2022 04:51
Operator : CG/JU
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ALS Vial : 33 Sample Multiplier: 1

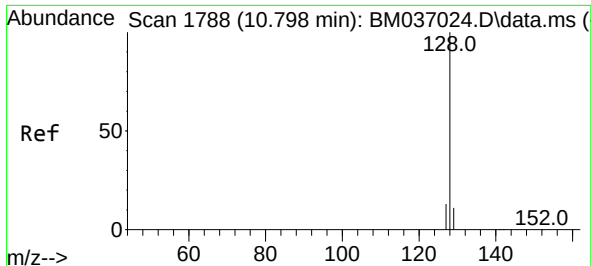
Instrument :
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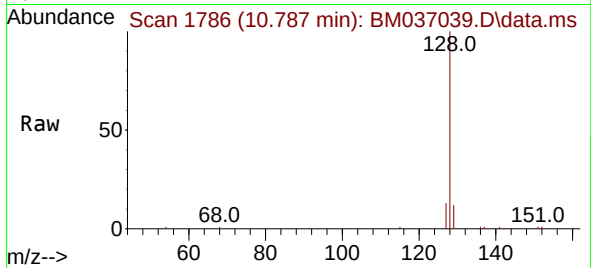
Quant Time: Oct 14 05:21:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. -0.016 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

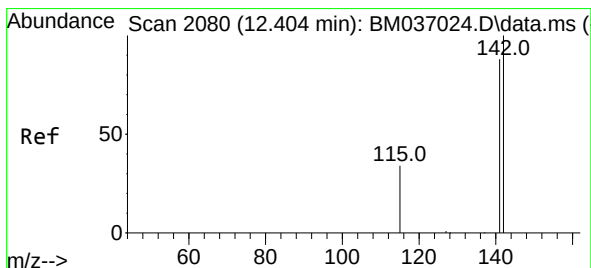
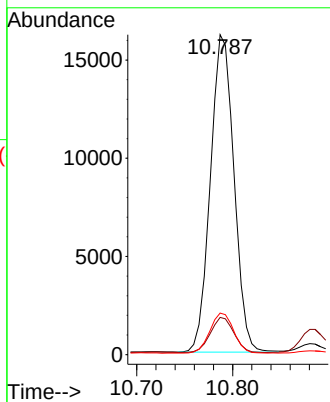
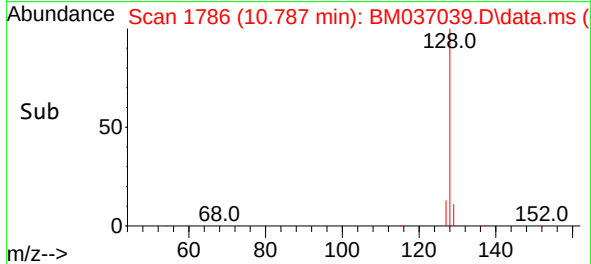
Instrument :
BNA_M
ClientSampleId :
C0BD9



Tgt Ion:128 Resp: 2759
Ion Ratio Lower Upper
128 100
129 11.7 10.2 15.2
127 13.0 11.7 17.5

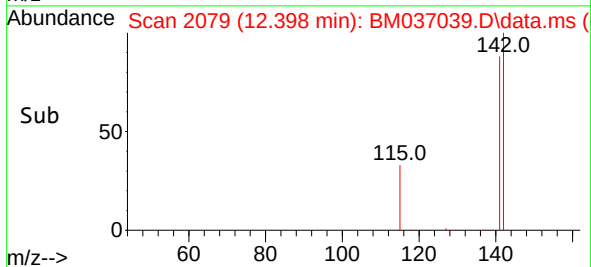
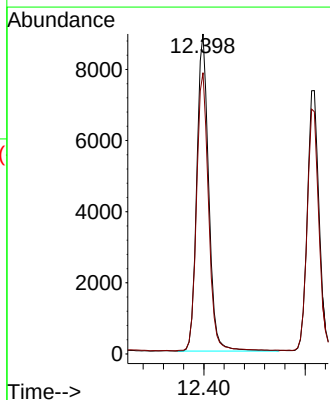
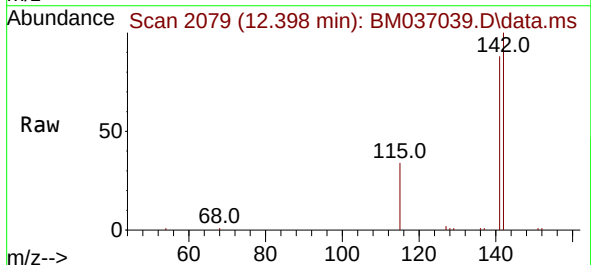
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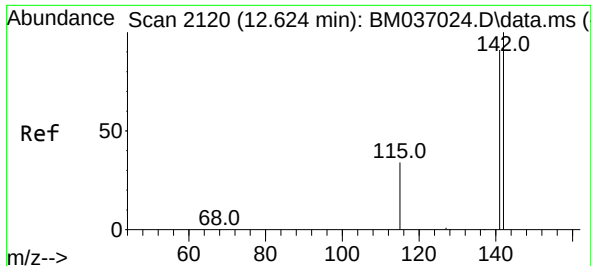
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.016 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

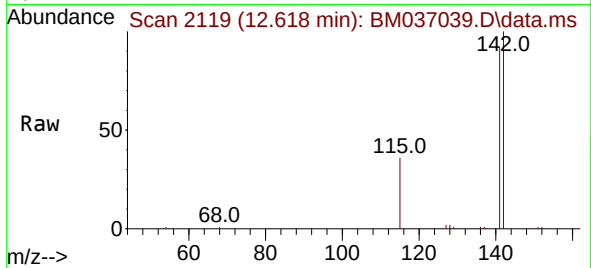
Tgt Ion:142 Resp: 14533
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

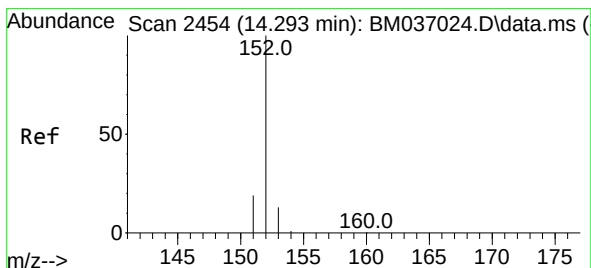
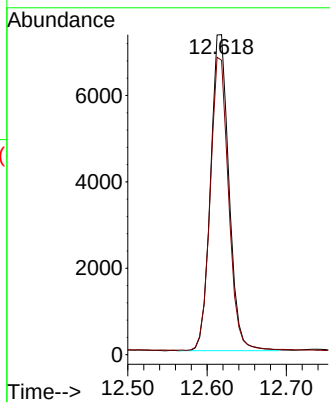
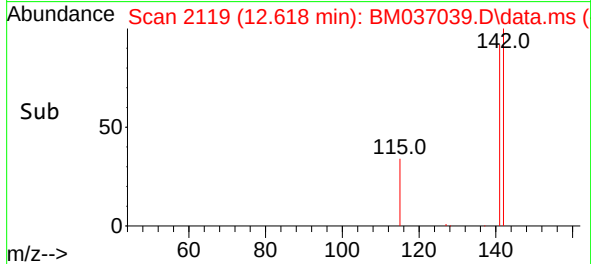
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 1175
Ion Ratio Lower Upper
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141 92.2 74.1 111.1

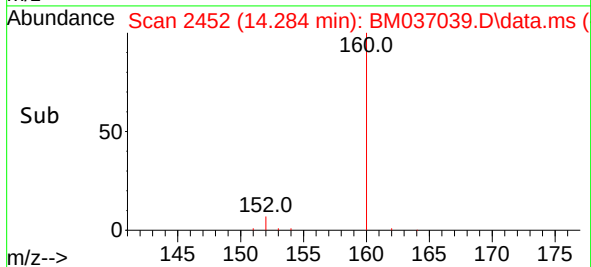
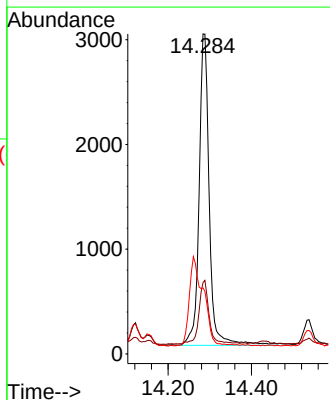
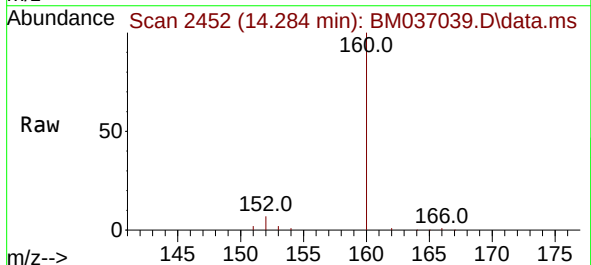
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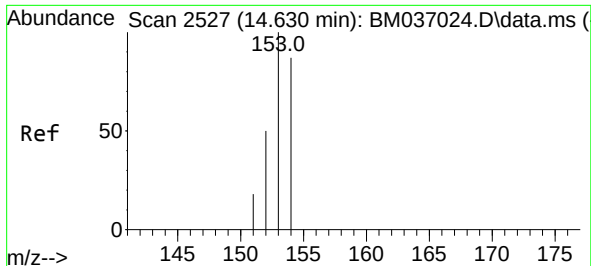
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.014 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

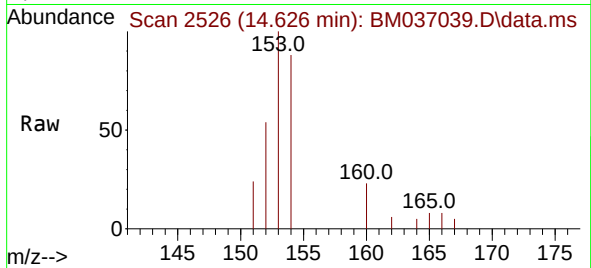
Tgt Ion:152 Resp: 5065
Ion Ratio Lower Upper
152 100
151 22.3 16.6 24.8
153 20.6 11.4 17.0#





#11
Acenaphthene
Concen: 0.048 ng/u1
RT: 14.626 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

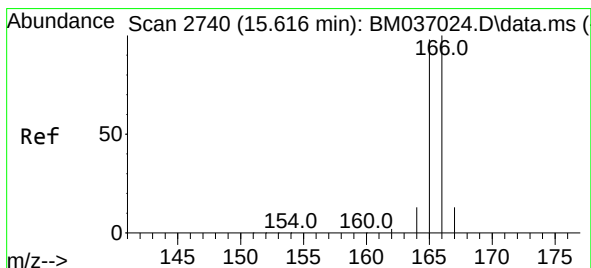
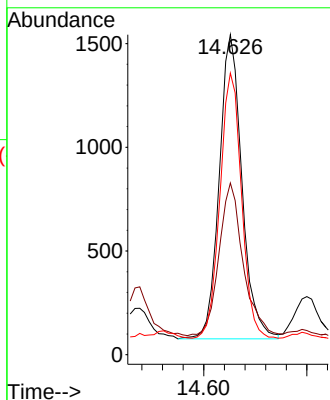
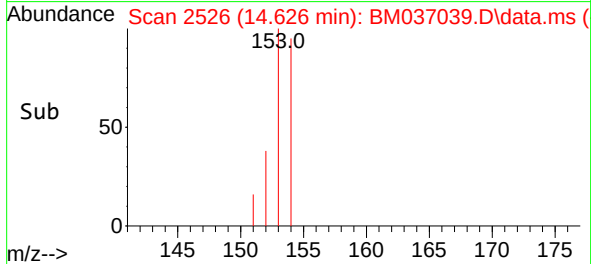
Instrument :
BNA_M
ClientSampleId :
C0BD9



Tgt Ion:153 Resp: 2239
Ion Ratio Lower Upper
153 100
152 53.7 40.2 60.4
154 88.0 69.7 104.5

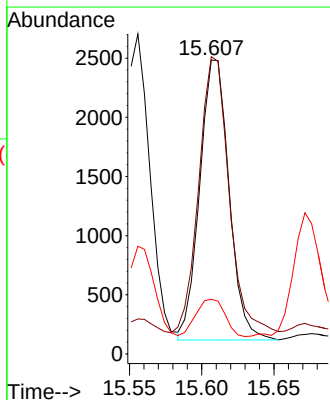
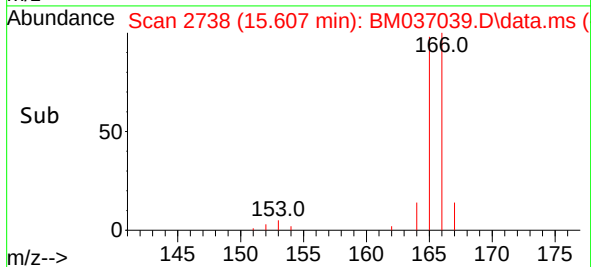
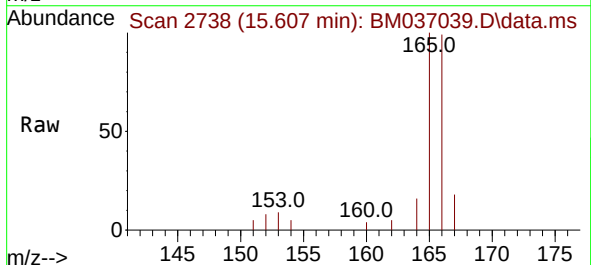
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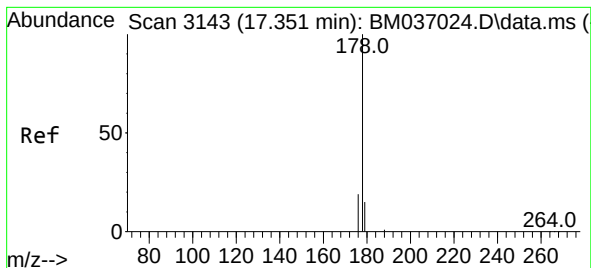
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.607 min Scan# 2738
Delta R.T. -0.014 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

Tgt Ion:166 Resp: 3347
Ion Ratio Lower Upper
166 100
165 101.2 78.9 118.3
167 18.6 11.3 16.9#





#15

Phenanthrene

Concen: 1.064 ng/ul

RT: 17.343 min Scan# 3143

Delta R.T. -0.013 min

Lab File: BM037039.D

Acq: 14 Oct 2022 04:51

Instrument :

BNA_M

ClientSampleId :

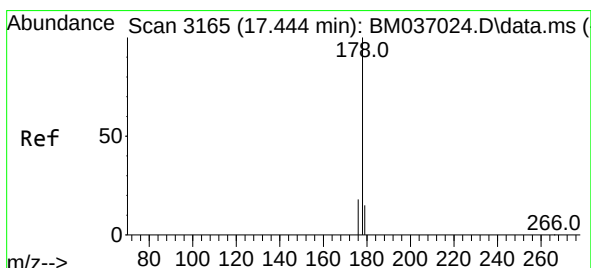
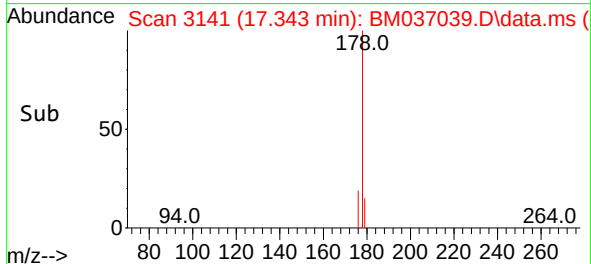
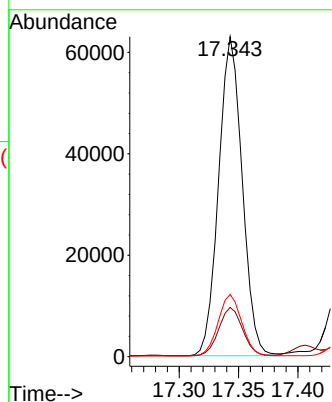
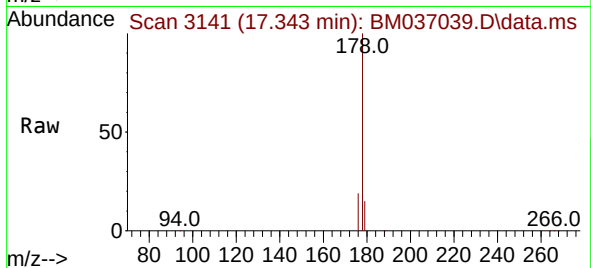
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Tgt Ion:178	Resp:	8688
Ion Ratio	Lower	Upper
178	100	
179	15.4	13.0 19.6
176	19.4	15.6 23.4

Manual Integrations

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#16

Anthracene

Concen: 0.255 ng/ul

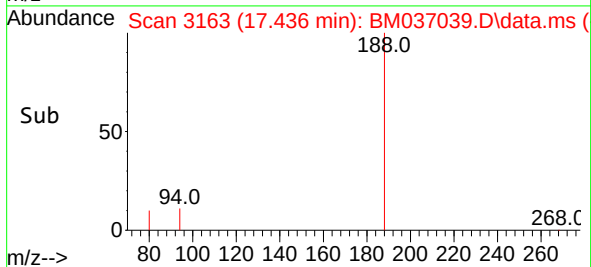
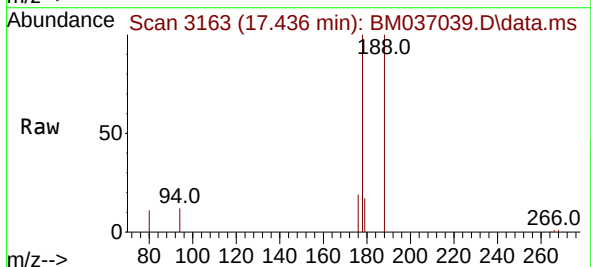
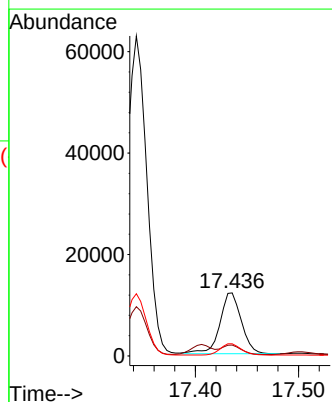
RT: 17.436 min Scan# 3163

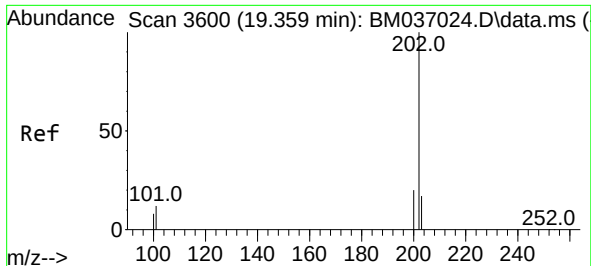
Delta R.T. -0.013 min

Lab File: BM037039.D

Acq: 14 Oct 2022 04:51

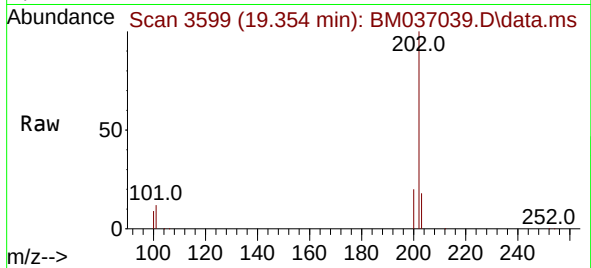
Tgt Ion:178	Resp:	17408
Ion Ratio	Lower	Upper
178	100	
179	17.2	13.6 20.4
176	19.3	15.6 23.4





#19
Fluoranthene
Concen: 2.035 ng/ul
RT: 19.354 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

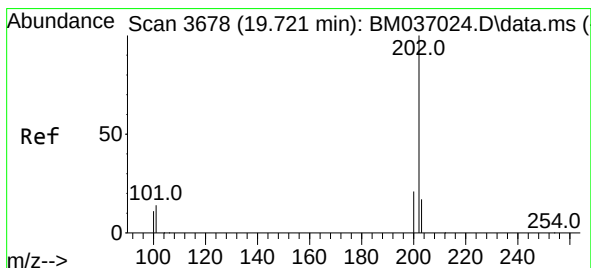
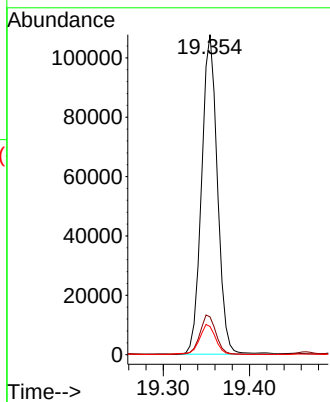
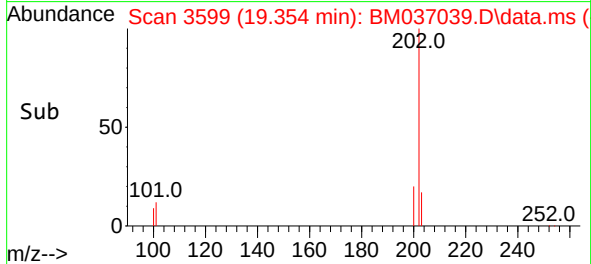
Instrument :
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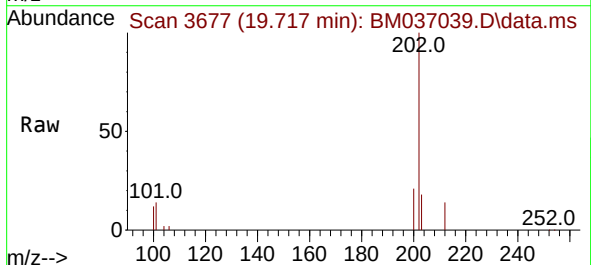
Tgt Ion:202 Resp: 137464
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.8 7.9 11.9

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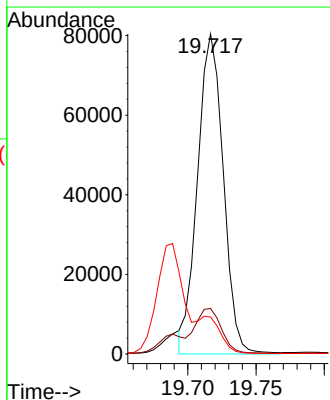
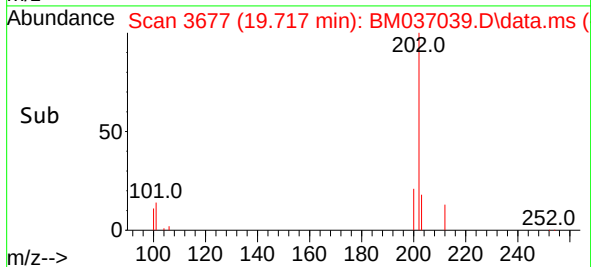
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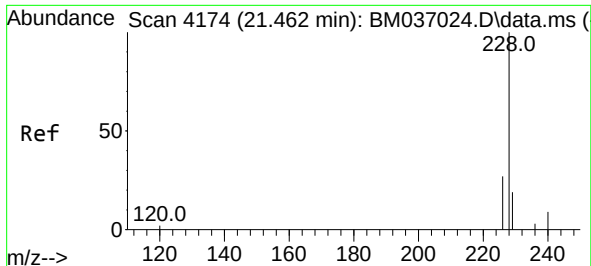


#20
Pyrene
Concen: 1.502 ng/ul m
RT: 19.717 min Scan# 3677
Delta R.T. -0.009 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51



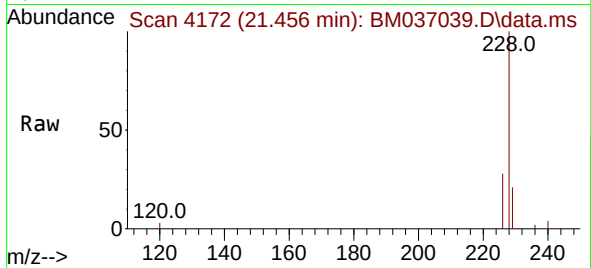
Tgt Ion:202 Resp: 105793
Ion Ratio Lower Upper
202 100
101 14.2 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.783 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.012 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

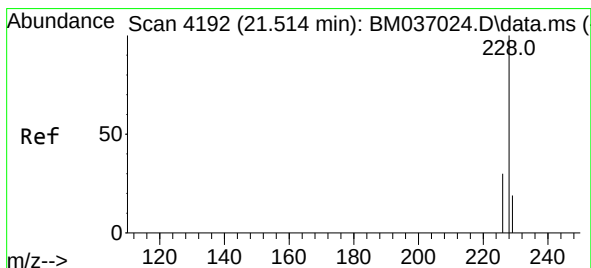
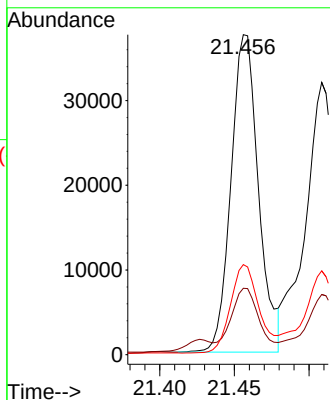
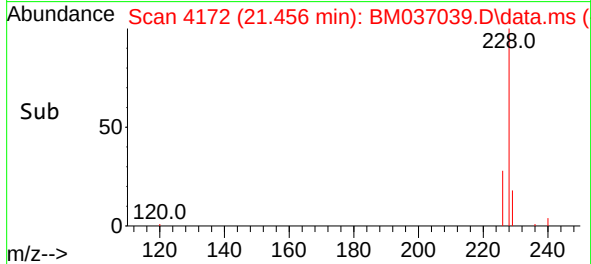
Instrument :
BNA_M
ClientSampleId :
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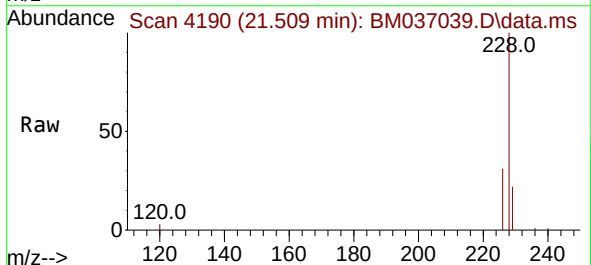
Tgt Ion:228 Resp: 48040
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 28.1 22.5 33.7

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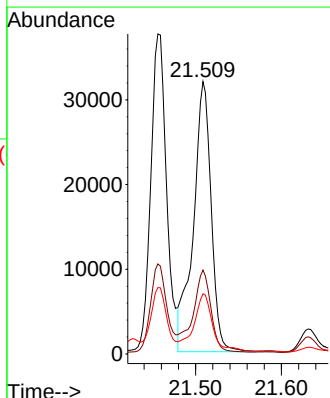
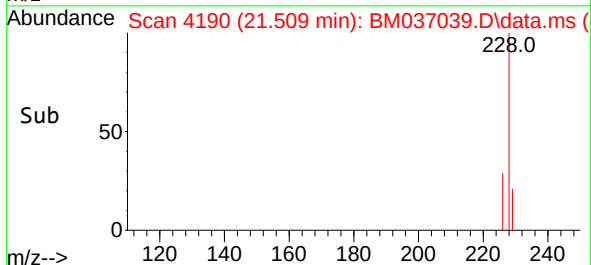
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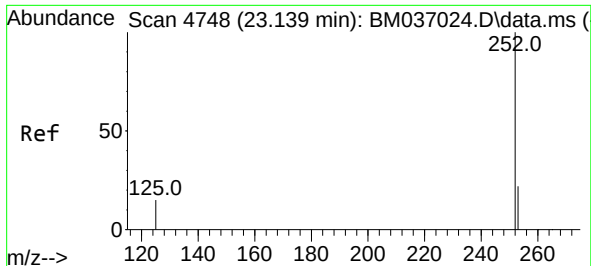


#22
Chrysene
Concen: 0.702 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.012 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51



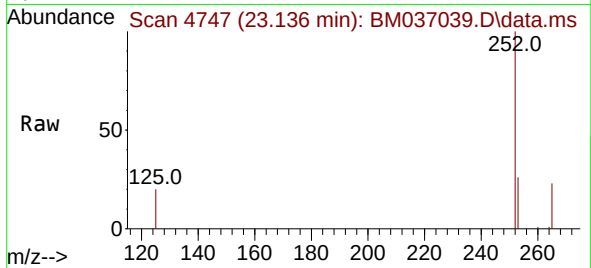
Tgt Ion:228 Resp: 46240
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 22.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.855 ng/ul
RT: 23.136 min Scan# 4748
Delta R.T. -0.009 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

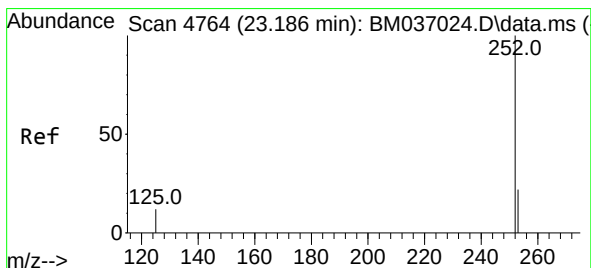
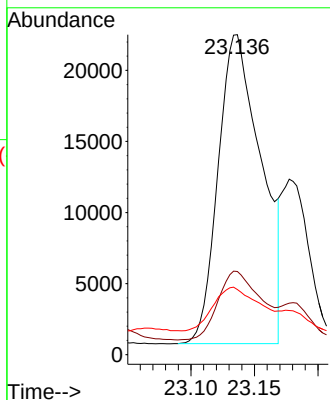
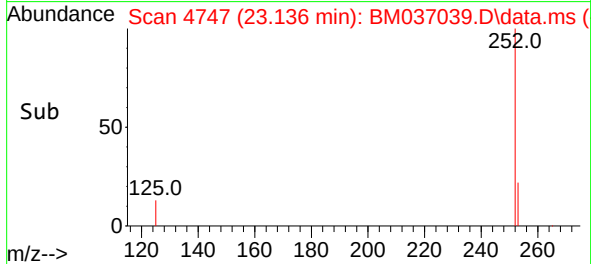
Instrument :
BNA_M
ClientSampleId :
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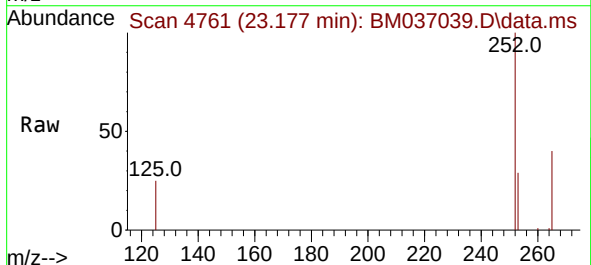
Tgt Ion:252 Resp: 5134
Ion Ratio Lower Upper
252 100
253 26.0 0.0 61.4
125 20.3 0.0 42.6

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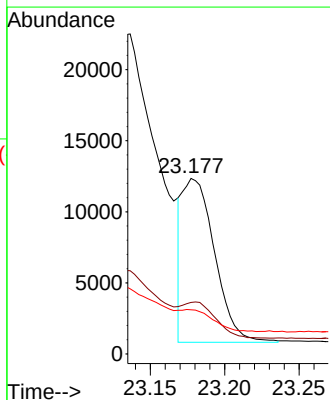
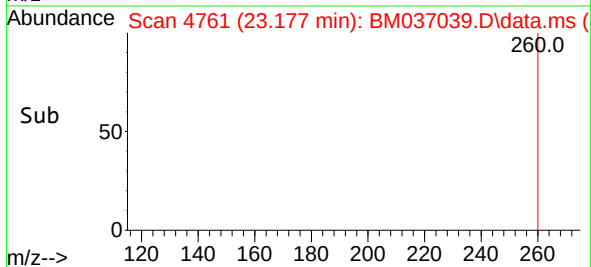
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

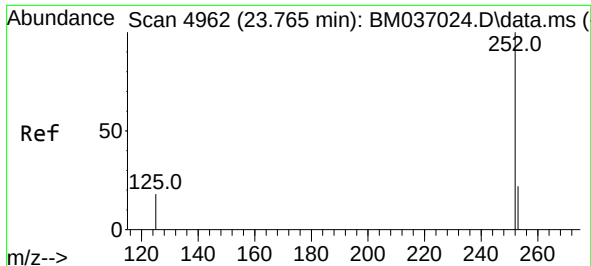


#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.018 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51



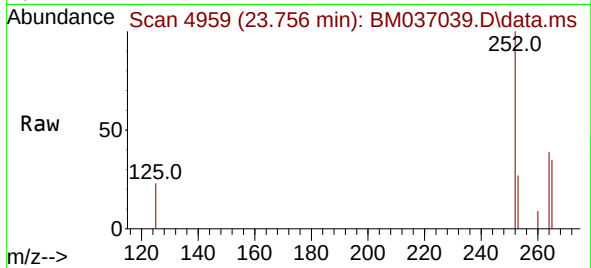
Tgt Ion:252 Resp: 17420
Ion Ratio Lower Upper
252 100
253 29.3 25.2 37.8
125 25.2 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.698 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. -0.015 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

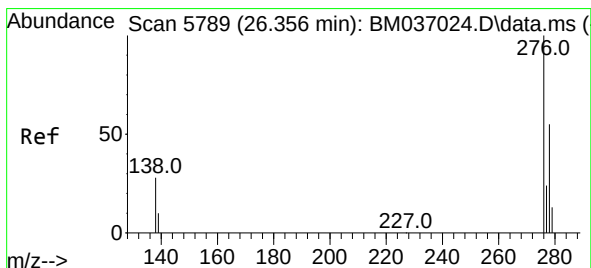
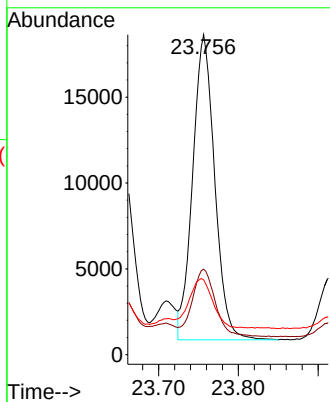
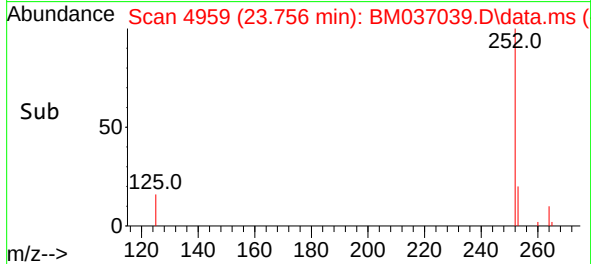
Instrument :
BNA_M
ClientSampleId :
C0BD9



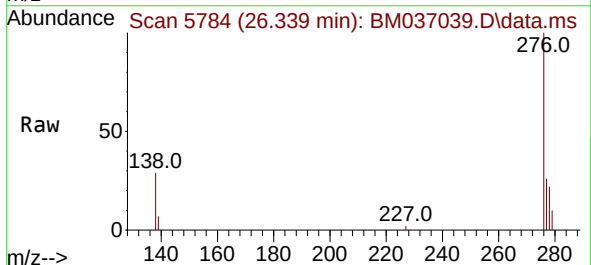
Tgt Ion:252 Resp: 34029
Ion Ratio Lower Upper
252 100
253 26.7 29.7 44.5
125 23.4 23.6 35.4

Manual Integrations
APPROVED

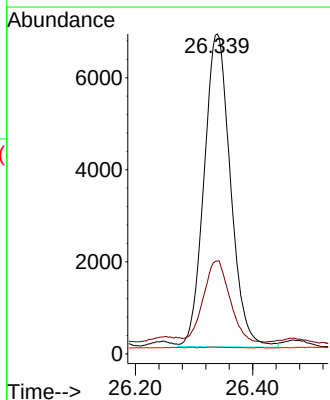
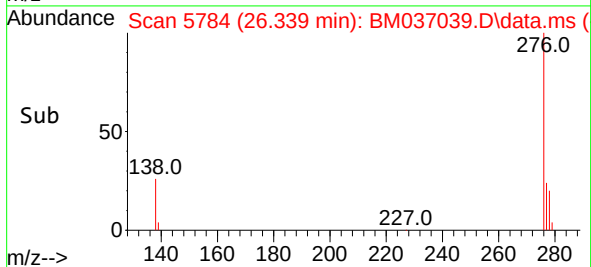
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

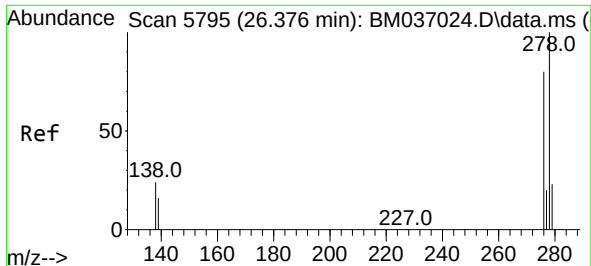


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.023 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51



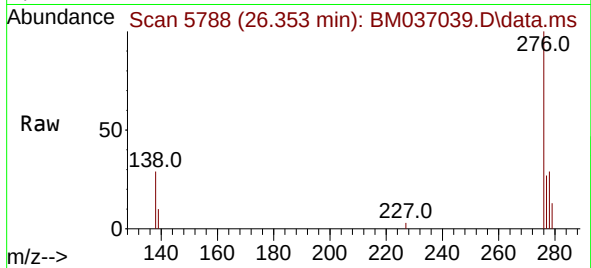
Tgt Ion:276 Resp: 21234
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.353 min Scan# 5795
Delta R.T. -0.027 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51

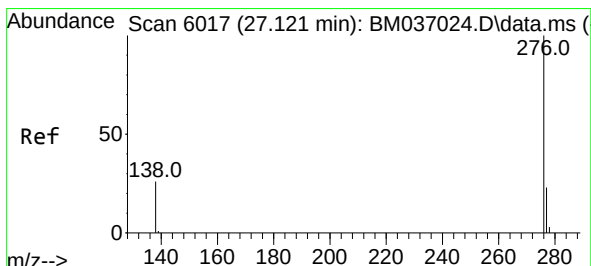
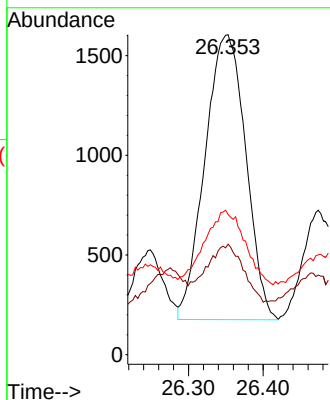
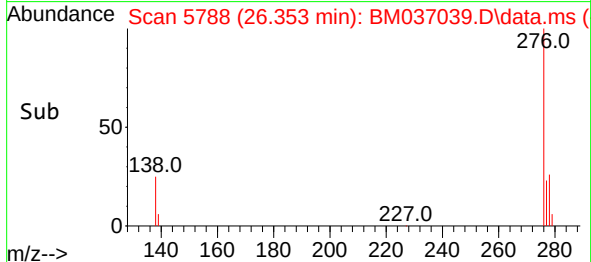
Instrument :
BNA_M
ClientSampleId :
C0BD9



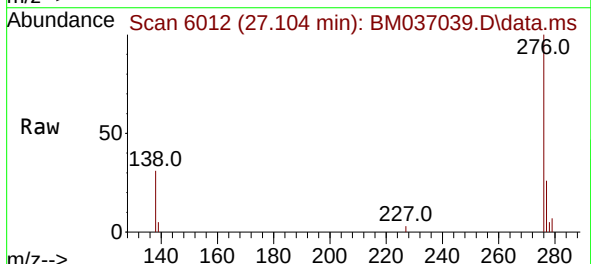
Tgt Ion:278 Resp: 5424
Ion Ratio Lower Upper
278 100
139 34.5 19.8 29.6
279 43.8 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.270 ng/ul
RT: 27.104 min Scan# 6012
Delta R.T. -0.023 min
Lab File: BM037039.D
Acq: 14 Oct 2022 04:51



Tgt Ion:276 Resp: 16449
Ion Ratio Lower Upper
276 100
138 30.8 23.4 35.0
277 26.4 21.0 31.4

