

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037037.D
 Acq On : 14 Oct 2022 03:40
 Operator : CG/JU
 Sample : N5025-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD7

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 04:13:22 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	8240	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.743	136	30183	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.567	164	15976	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	31704	0.400	ng/ul	-0.01
17) Chrysene-d12	21.473	240	20661	0.400	ng/ul	-0.01
23) Perylene-d12	23.864	264	15497	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	30029	2.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	7020	0.154	ng/ul	-0.01
18) Fluoranthene-d10	19.323	212	13015	0.211	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	16153	0.187	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	6601	0.125	ng/ul	92
8) 1-Methylnaphthalene	12.618	142	5686	0.106	ng/ul	98
10) Acenaphthylene	14.284	152	30195	0.455	ng/ul	99
11) Acenaphthene	14.627	153	2335	0.041	ng/ul	98
12) Fluorene	15.608	166	4293	0.066	ng/ul#	97
15) Phenanthrene	17.344	178	104977	1.037	ng/ul	99
16) Anthracene	17.437	178	26760	0.316	ng/ul	99
19) Fluoranthene	19.355	202	354060	4.308	ng/ul	97
20) Pyrene	19.718	202	281820	3.289	ng/ul	97
21) Benzo(a)anthracene	21.455	228	206273	2.763	ng/ul	99
22) Chrysene	21.508	228	169875	2.120	ng/ul	99
24) Benzo(b)fluoranthene	23.133	252	188209	2.719	ng/ul	86
25) Benzo(k)fluoranthene	23.177	252	64650m	0.958	ng/ul	
26) Benzo(a)pyrene	23.755	252	133823	2.382	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.339	276	73323	0.922	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.349	278	21104	0.328	ng/ul	98
29) Benzo(g,h,i)perylene	27.107	276	55663	0.794	ng/ul	97

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

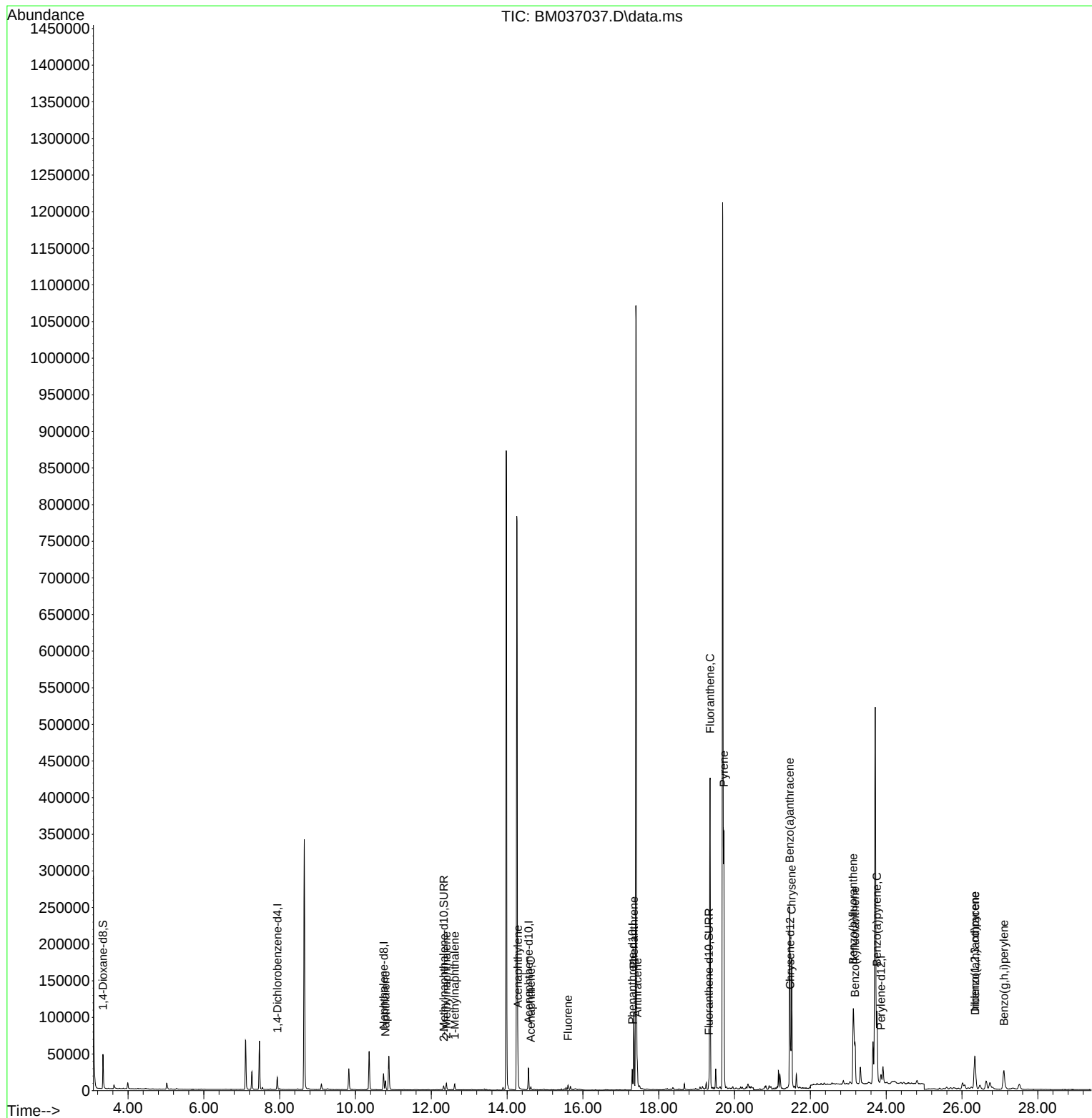
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037037.D
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ALS Vial : 31 Sample Multiplier: 1

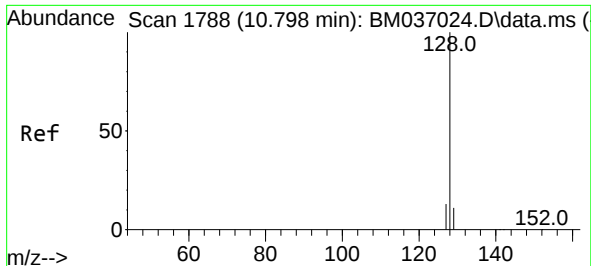
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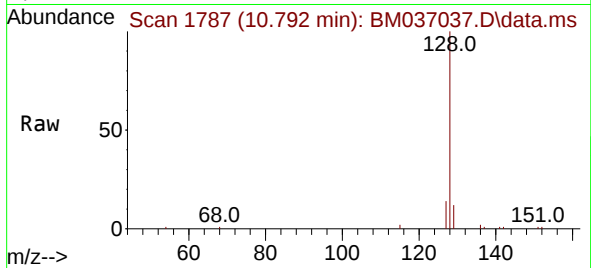
Quant Time: Oct 14 04:13:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.011 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

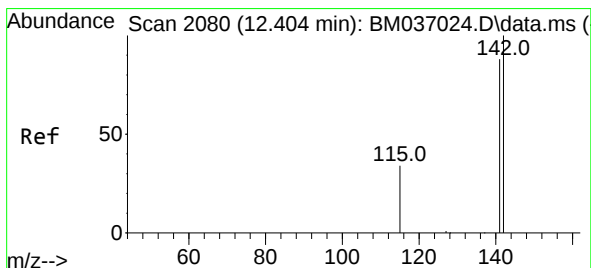
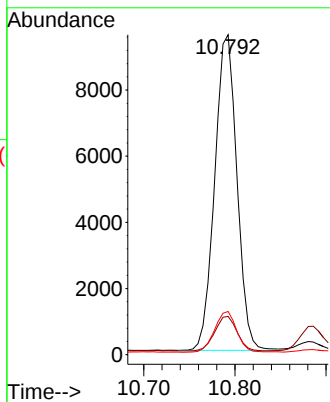
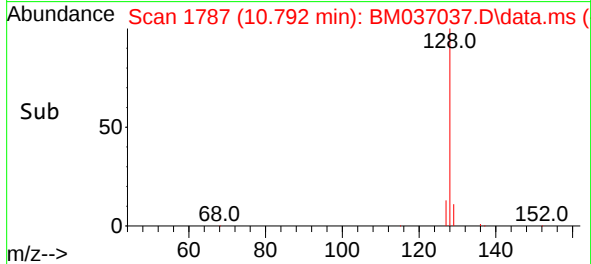
Instrument :
BNA_M
ClientSampleId :
C0BD7



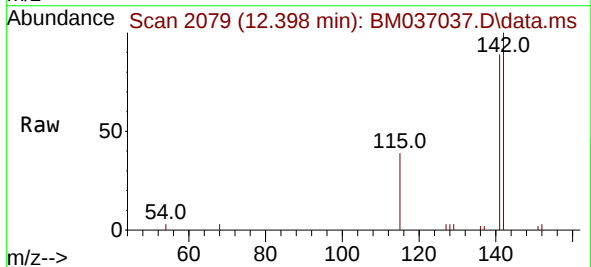
Tgt Ion:128 Resp: 1615
Ion Ratio Lower Upper
128 100
129 12.0 10.2 15.2
127 13.5 11.7 17.5

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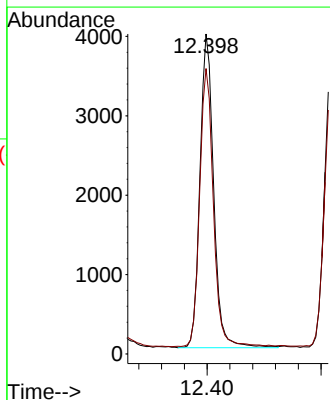
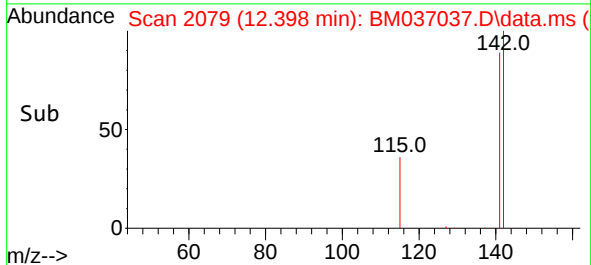
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

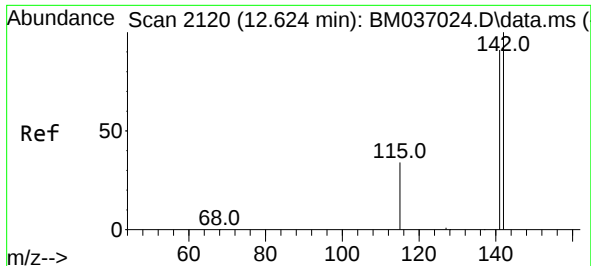


#7
2-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.016 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40



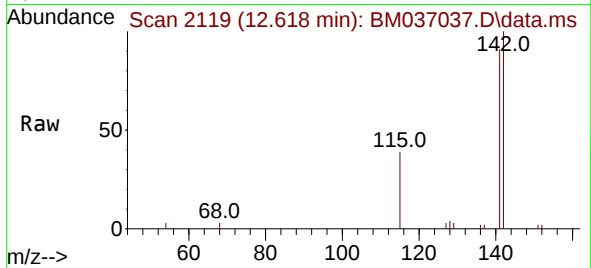
Tgt Ion:142 Resp: 6601
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

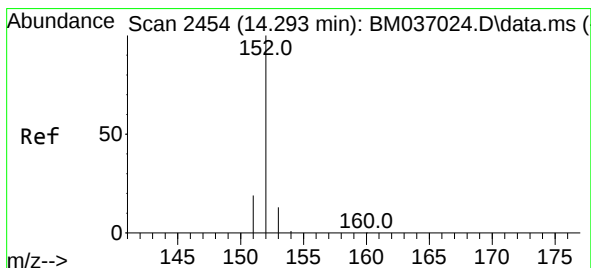
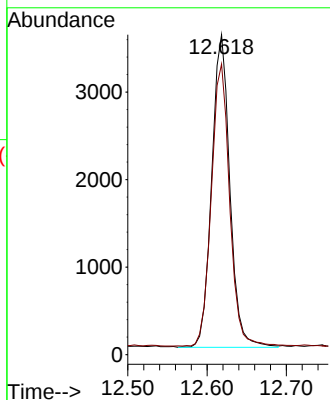
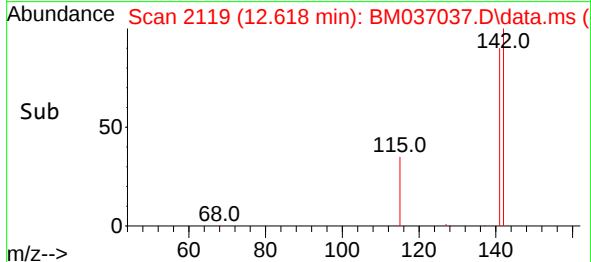
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 568
Ion Ratio Lower Upper
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141 90.7 74.1 111.1

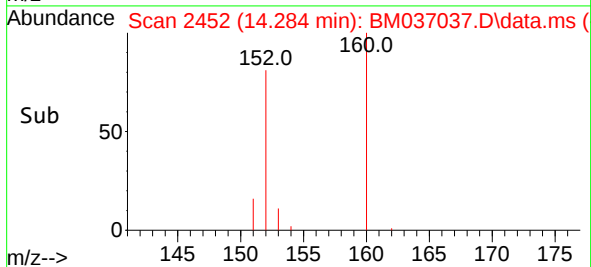
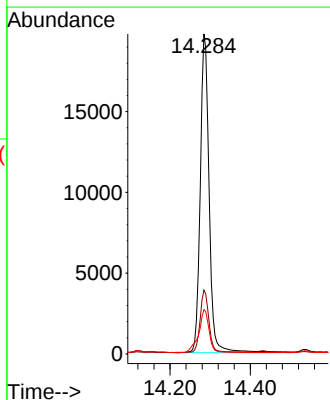
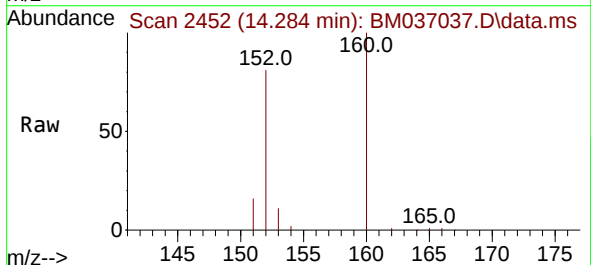
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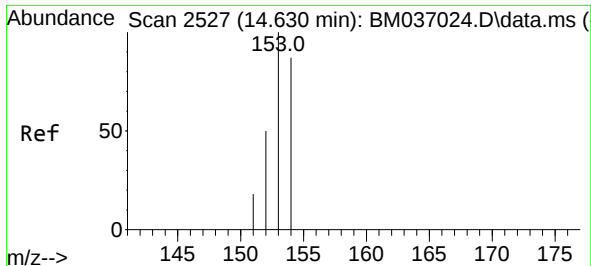
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.013 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

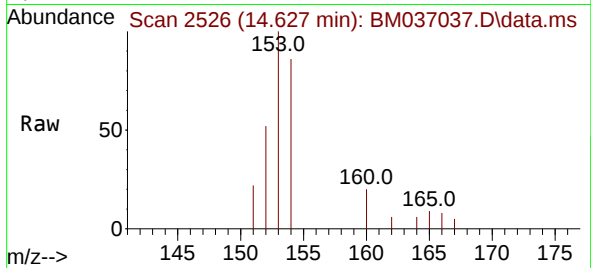
Tgt Ion:152 Resp: 30195
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.8 11.4 17.0





#11
Acenaphthene
Concen: 0.041 ng/u1
RT: 14.627 min Scan# 2133
Delta R.T. -0.013 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

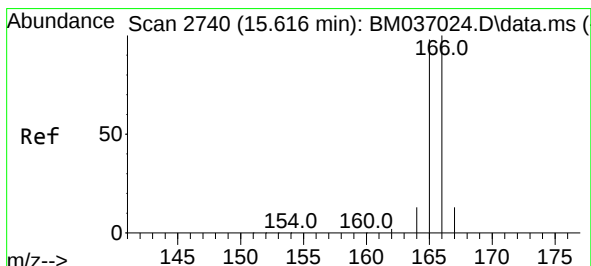
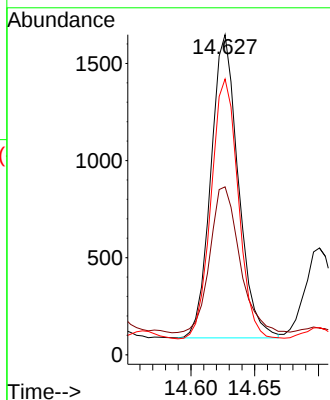
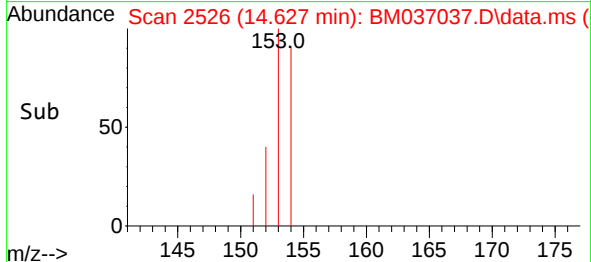
Instrument :
BNA_M
ClientSampleId :
C0BD7



Tgt Ion:153 Resp: 2339
Ion Ratio Lower Upper
153 100
152 52.5 40.2 60.4
154 86.2 69.7 104.5

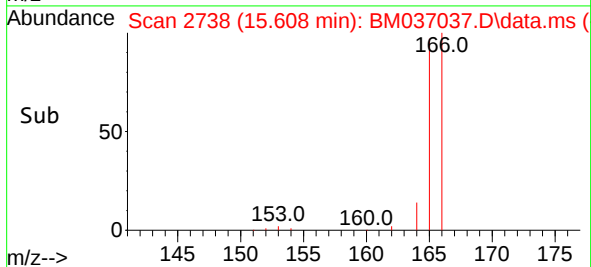
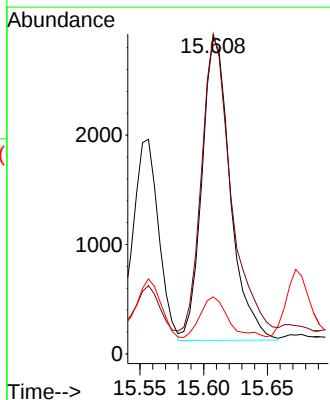
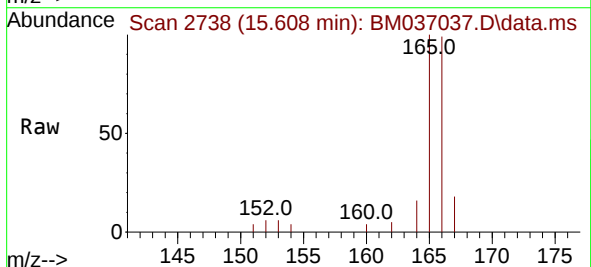
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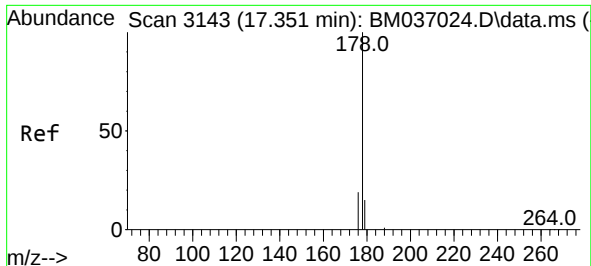
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.066 ng/u1
RT: 15.608 min Scan# 2738
Delta R.T. -0.013 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

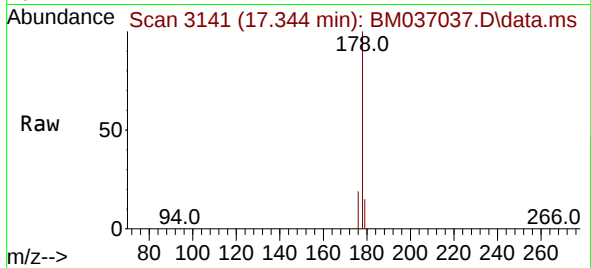
Tgt Ion:166 Resp: 4293
Ion Ratio Lower Upper
166 100
165 100.7 78.9 118.3
167 18.0 11.3 16.9#





#15
Phenanthrene
Concen: 1.037 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

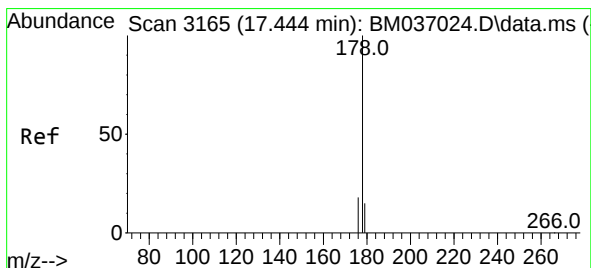
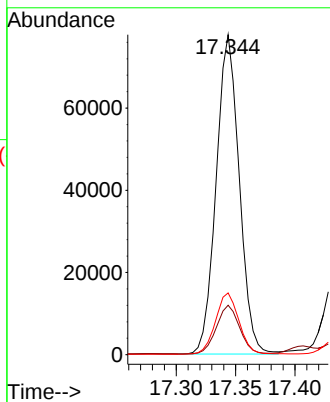
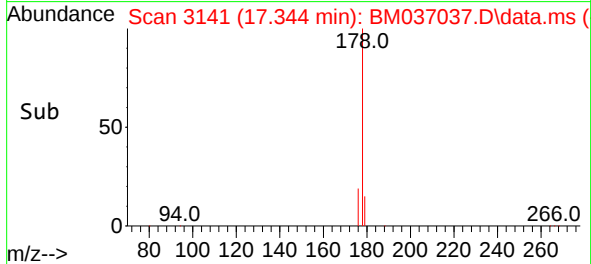
Instrument :
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ClientSampleId :
C0BD7



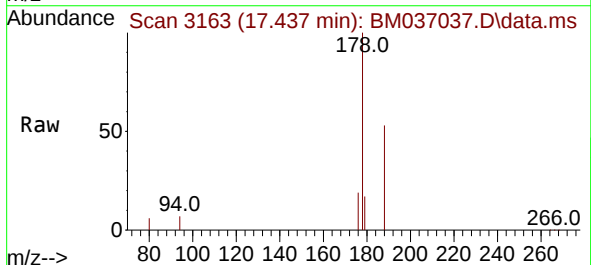
Tgt Ion:178 Resp: 10497
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.3 15.6 23.4

Manual Integrations
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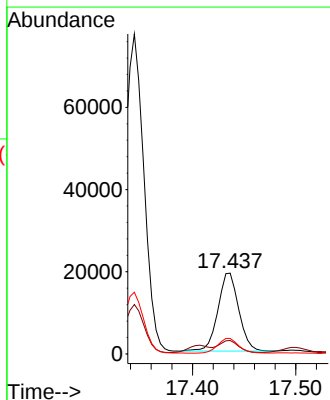
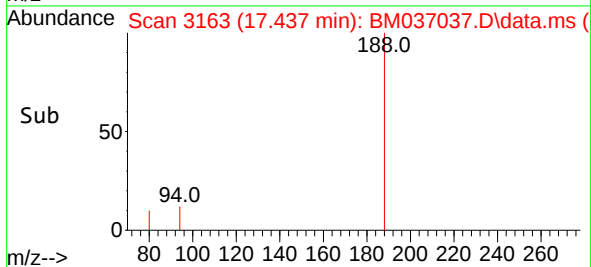
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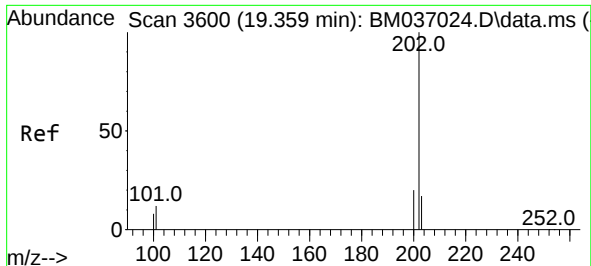


#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.437 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40



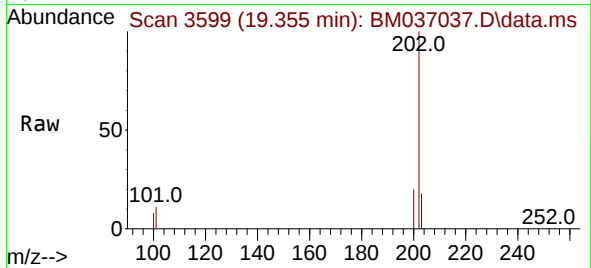
Tgt Ion:178 Resp: 26760
Ion Ratio Lower Upper
178 100
179 16.7 13.6 20.4
176 19.3 15.6 23.4





#19
Fluoranthene
Concen: 4.308 ng/u1
RT: 19.355 min Scan# 3599
Delta R.T. -0.008 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

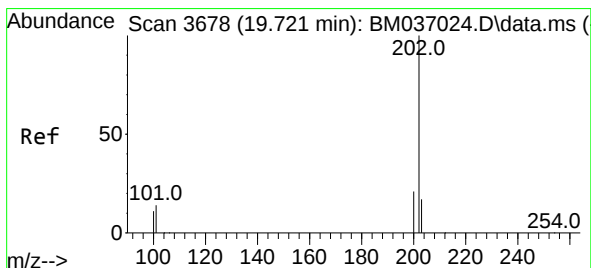
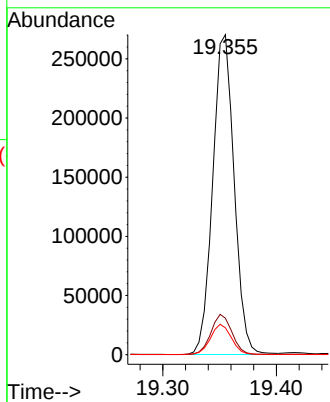
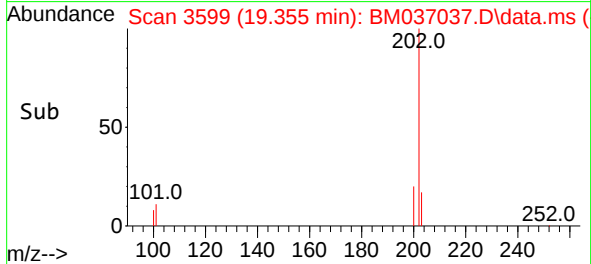
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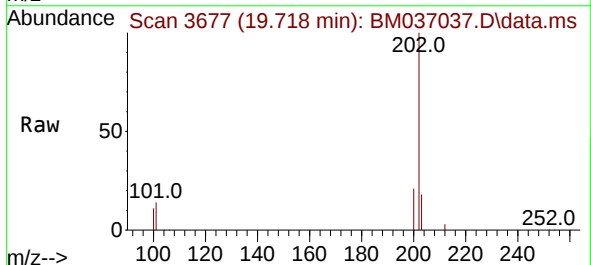
Tgt Ion:202 Resp: 354060
Ion Ratio Lower Upper
202 100
101 11.4 10.1 15.1
100 8.4 7.9 11.9

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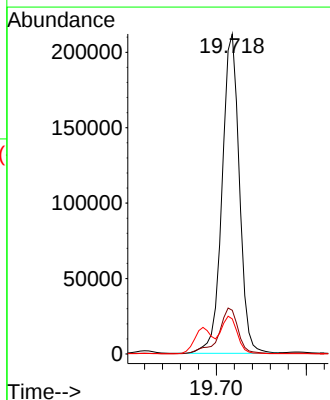
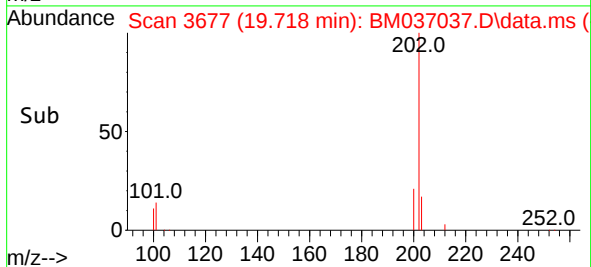
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Supervised By :mohammad ahmed 10/16/2022

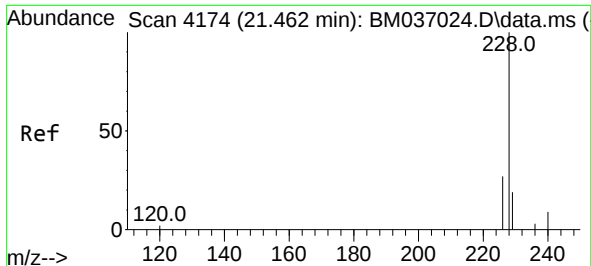


#20
Pyrene
Concen: 3.289 ng/u1
RT: 19.718 min Scan# 3677
Delta R.T. -0.008 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40



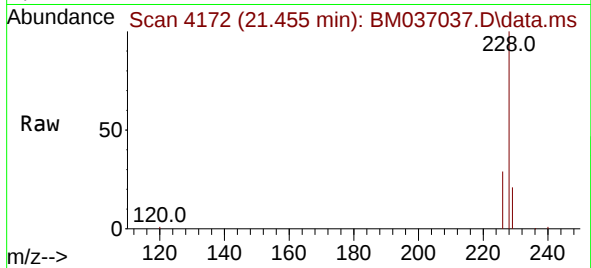
Tgt Ion:202 Resp: 281820
Ion Ratio Lower Upper
202 100
101 13.7 12.0 18.0
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.763 ng/u1
RT: 21.455 min Scan# 4174
Delta R.T. -0.012 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

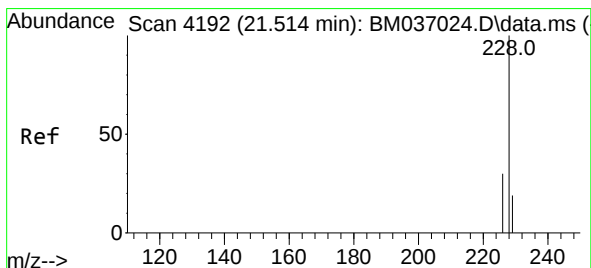
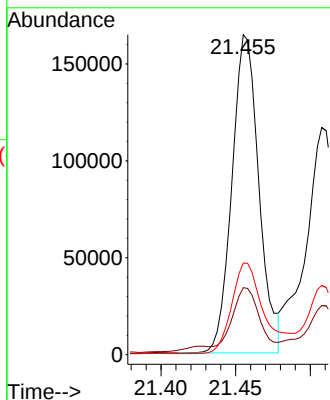
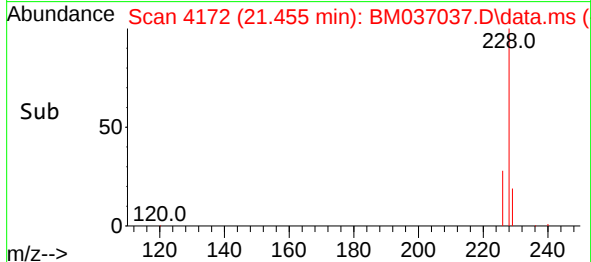
Instrument :
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Tgt Ion:228 Resp: 20627
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.7 22.5 33.7

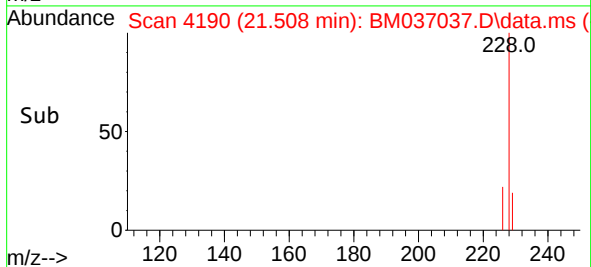
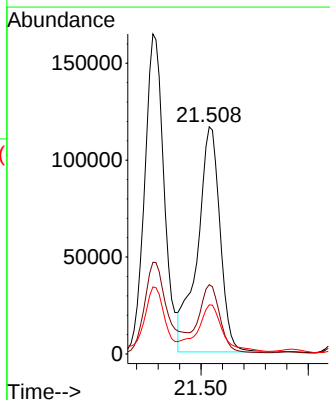
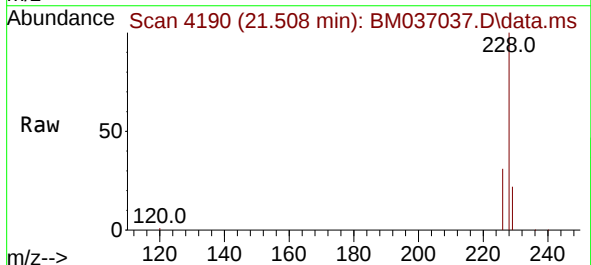
Manual Integrations
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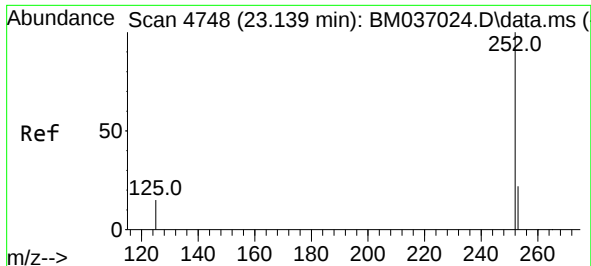
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#22
Chrysene
Concen: 2.120 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.013 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

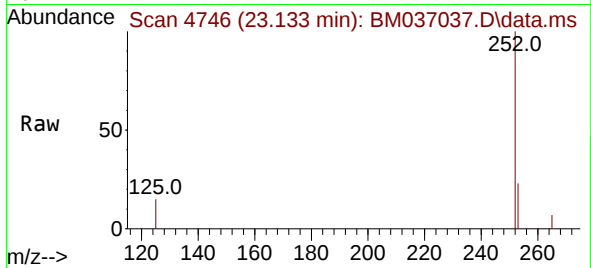
Tgt Ion:228 Resp: 169875
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.719 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

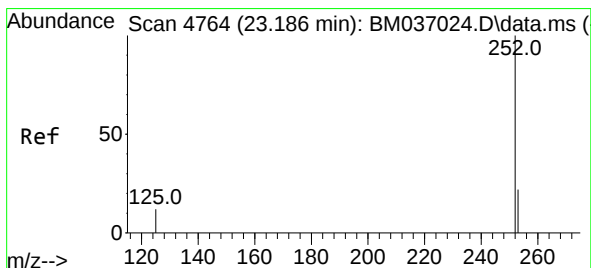
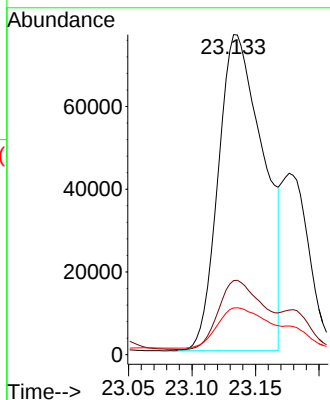
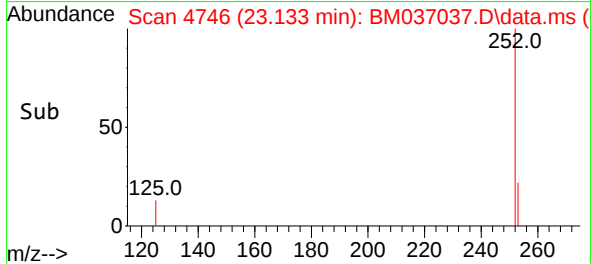
Instrument :
BNA_M
ClientSampleId :
C0BD7



Tgt Ion:252 Resp: 188209
Ion Ratio Lower Upper
252 100
253 23.1 0.0 61.4
125 14.6 0.0 42.6

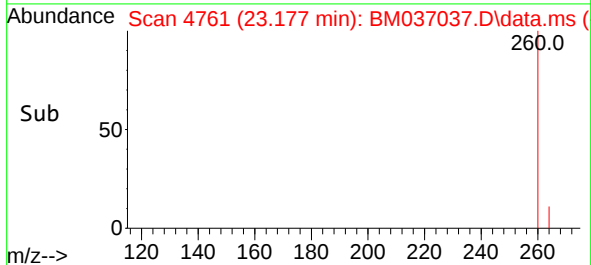
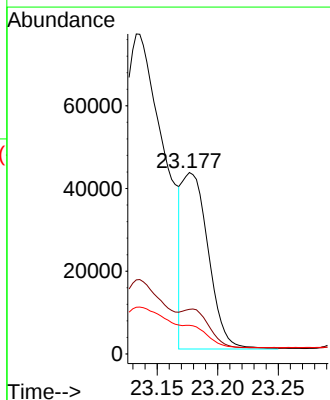
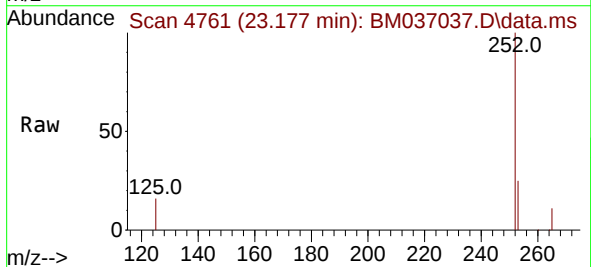
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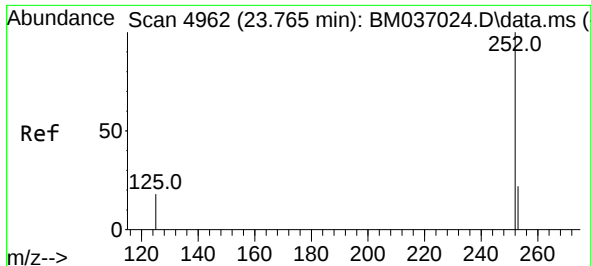
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 0.958 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.018 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

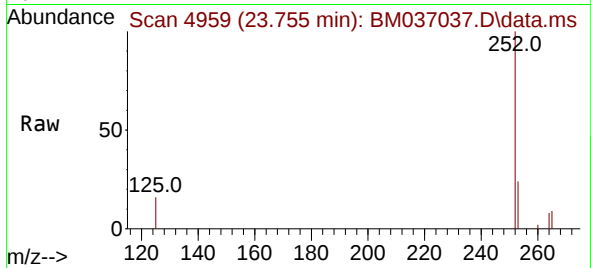
Tgt Ion:252 Resp: 64650
Ion Ratio Lower Upper
252 100
253 24.7 25.2 37.8#
125 15.8 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 2.382 ng/ul
RT: 23.755 min Scan# 4962
Delta R.T. -0.015 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

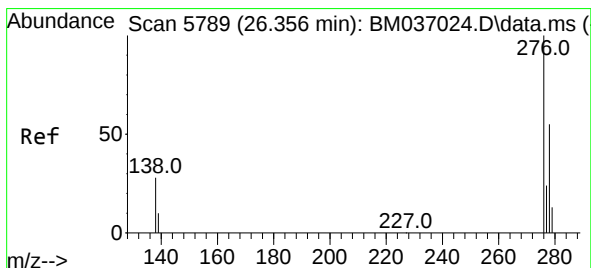
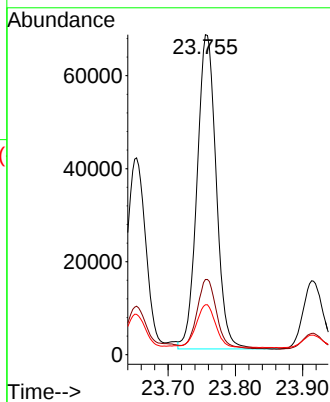
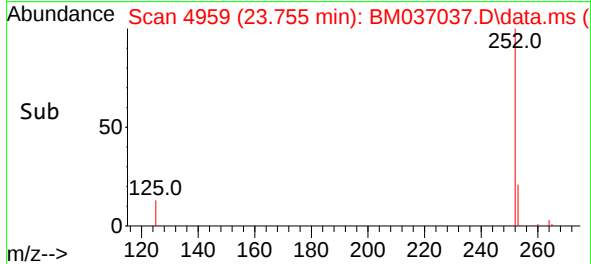
Instrument :
BNA_M
ClientSampleId :
C0BD7



Tgt Ion:252 Resp: 133823
Ion Ratio Lower Upper
252 100
253 23.5 29.7 44.5
125 15.6 23.6 35.4

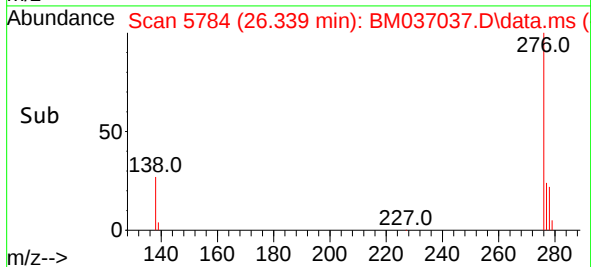
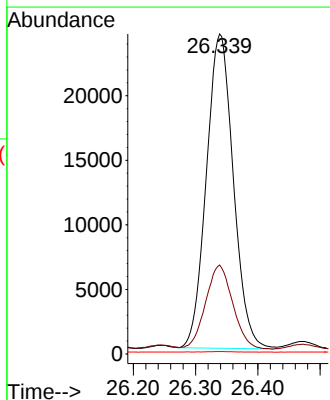
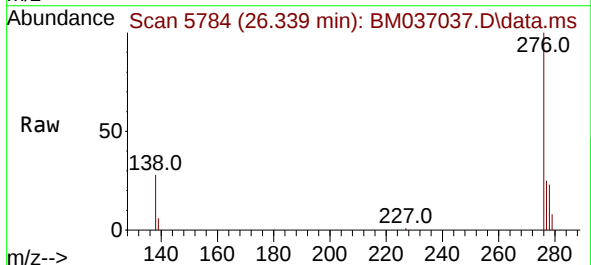
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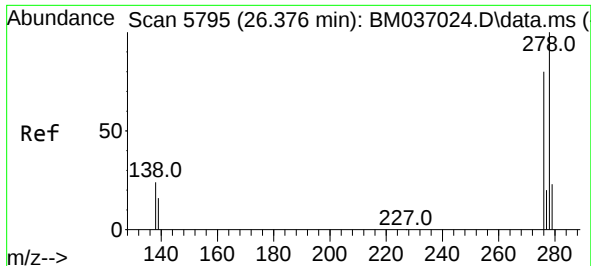
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.922 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.024 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

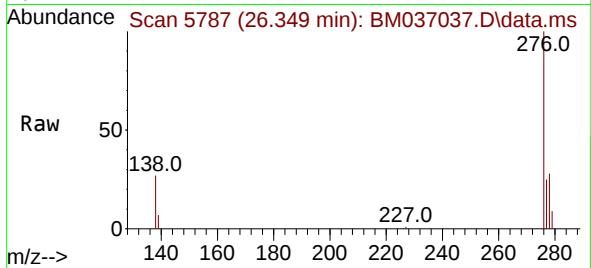
Tgt Ion:276 Resp: 73323
Ion Ratio Lower Upper
276 100
138 27.0 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.349 min Scan# 5795
Delta R.T. -0.031 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40

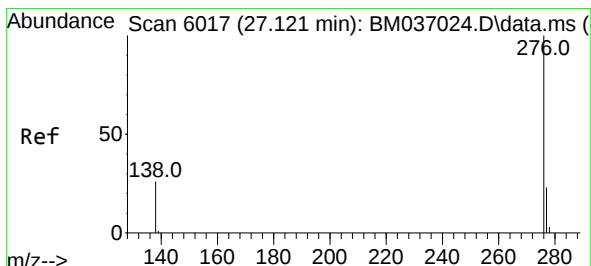
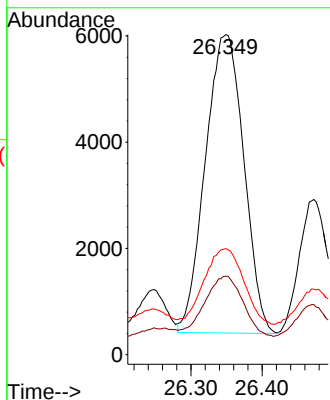
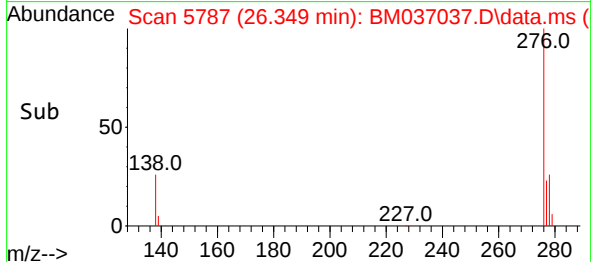
Instrument :
BNA_M
ClientSampleId :
C0BD7



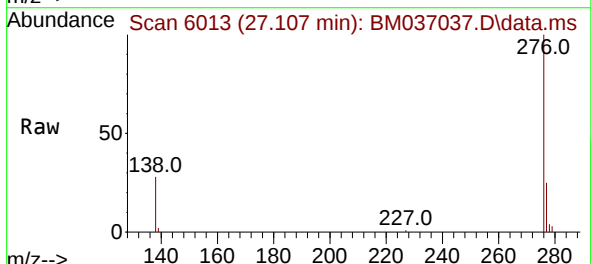
Tgt Ion:278 Resp: 21104
Ion Ratio Lower Upper
278 100
139 24.5 19.8 29.6
279 33.2 27.7 41.5

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APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.794 ng/ul
RT: 27.107 min Scan# 6013
Delta R.T. -0.021 min
Lab File: BM037037.D
Acq: 14 Oct 2022 03:40



Tgt Ion:276 Resp: 55663
Ion Ratio Lower Upper
276 100
138 27.6 23.4 35.0
277 24.5 21.0 31.4

