

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037095.D
 Acq On : 15 Oct 2022 16:59
 Operator : CG/JU
 Sample : N5049-11DL 5X
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP7DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:56:33 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6111	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	21656	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	11372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	21656	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	13973	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	10914	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6388	0.741	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1709	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3021	0.072	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.781	128	14431	0.233	ng/ul	98
7) 2-Methylnaphthalene	12.393	142	9849	0.260	ng/ul	93
8) 1-Methylnaphthalene	12.607	142	7953	0.207	ng/ul	99
10) Acenaphthylene	14.279	152	39339	0.832	ng/ul	98
11) Acenaphthene	14.621	153	3811	0.093	ng/ul	99
12) Fluorene	15.602	166	13867	0.298	ng/ul	100
15) Phenanthrene	17.334	178	215817	3.122	ng/ul	99
16) Anthracene	17.427	178	65883	1.140	ng/ul	98
19) Fluoranthene	19.345	202	524133	9.431	ng/ul	99
20) Pyrene	19.712	202	405396	6.995	ng/ul	95
21) Benzo(a)anthracene	21.450	228	206454	4.089	ng/ul	98
22) Chrysene	21.503	228	172913	3.190	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	242324	4.970	ng/ul	85
25) Benzo(k)fluoranthene	23.172	252	86861m	1.828	ng/ul	
26) Benzo(a)pyrene	23.750	252	146142	3.694	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.326	276	103421	1.846	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.340	278	25381m	0.560	ng/ul	
29) Benzo(g,h,i)perylene	27.091	276	71935	1.457	ng/ul	96

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

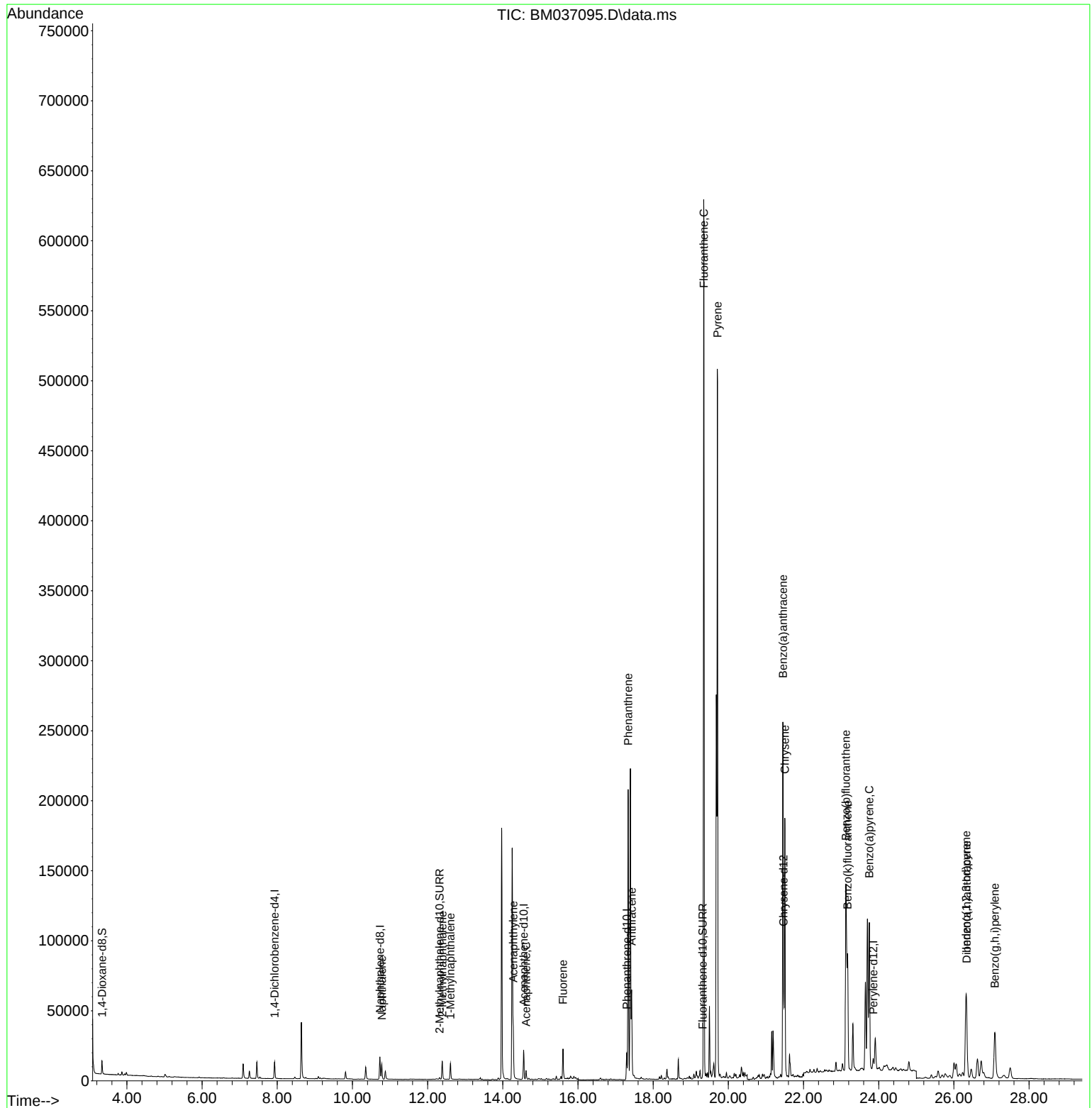
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037095.D
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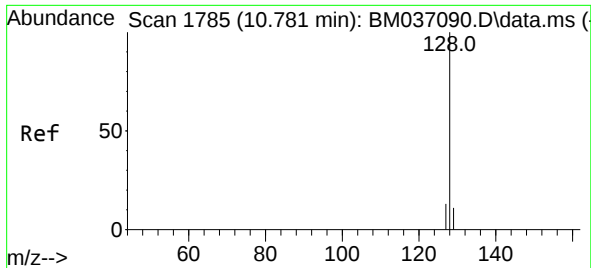
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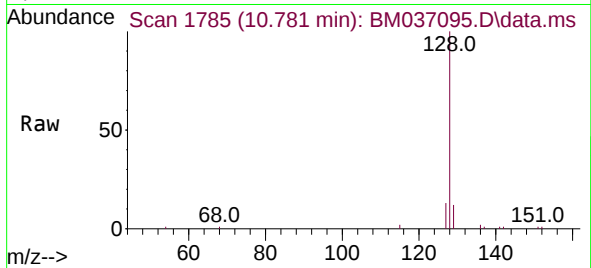
Quant Time: Oct 17 00:56:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
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#5
Naphthalene
Concen: 0.233 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

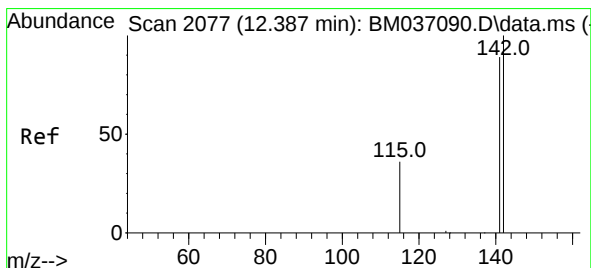
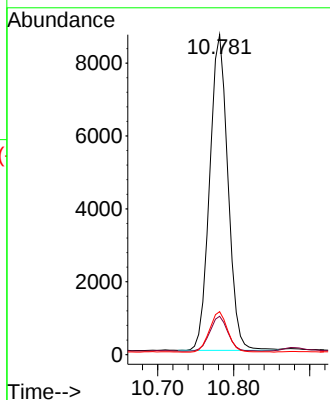
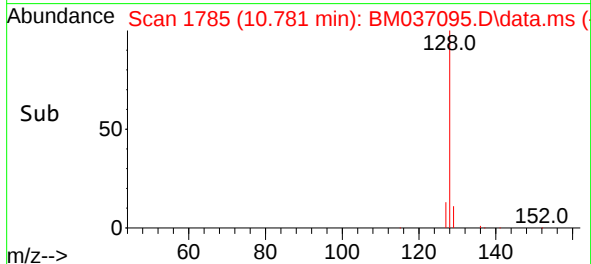
Instrument :
BNA_M
ClientSampleId :
C0BP7DL



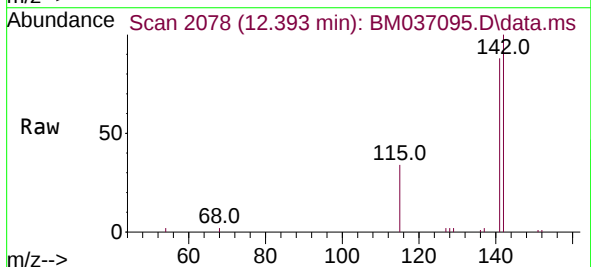
Tgt Ion:128 Resp: 14431
Ion Ratio Lower Upper
128 100
129 12.0 10.2 15.2
127 13.4 11.7 17.5

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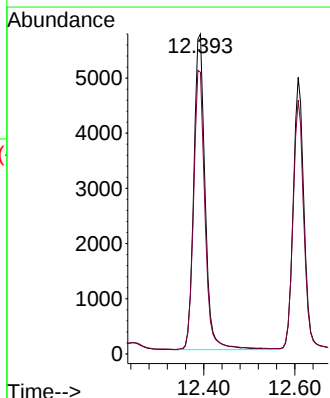
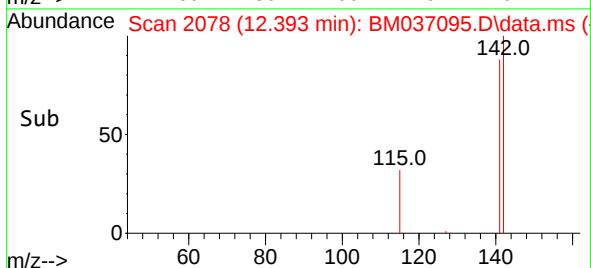
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

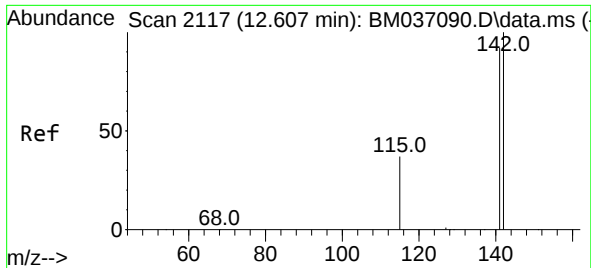


#7
2-Methylnaphthalene
Concen: 0.260 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59



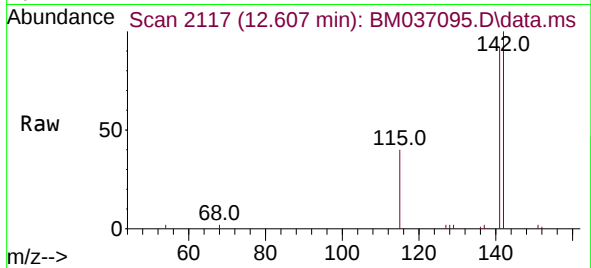
Tgt Ion:142 Resp: 9849
Ion Ratio Lower Upper
142 100
141 89.6 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

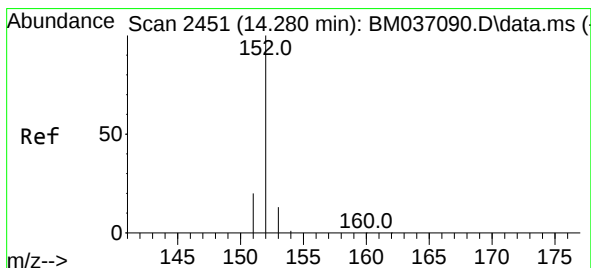
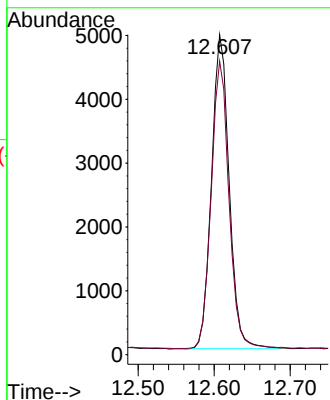
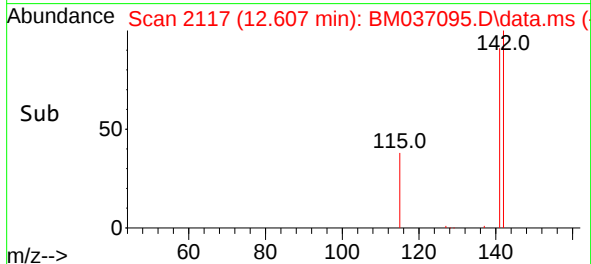
Instrument :
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Tgt Ion:142 Resp: 7953
Ion Ratio Lower Upper
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141 91.9 74.1 111.1

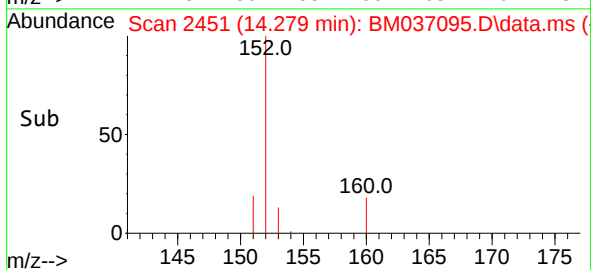
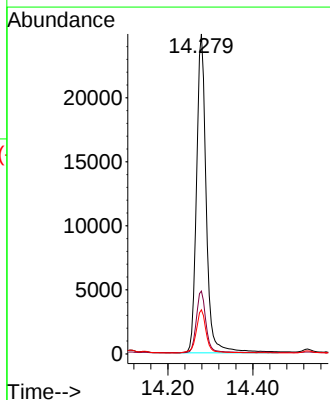
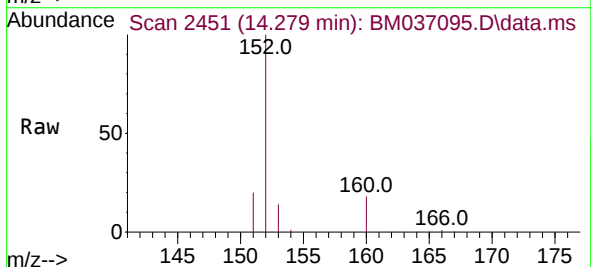
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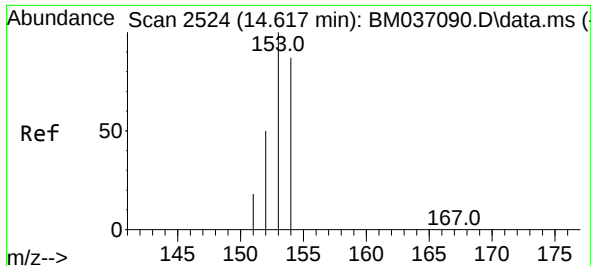
Reviewed By :Jagrut Upadhyay 10/17/2022
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#10
Acenaphthylene
Concen: 0.832 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

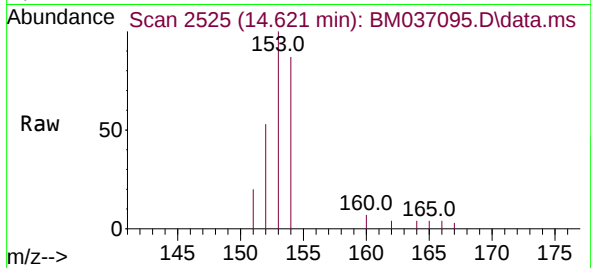
Tgt Ion:152 Resp: 39339
Ion Ratio Lower Upper
152 100
151 19.6 16.6 24.8
153 13.8 11.4 17.0





#11
Acenaphthene
Concen: 0.093 ng/uI
RT: 14.621 min Scan# 2525
Delta R.T. 0.005 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

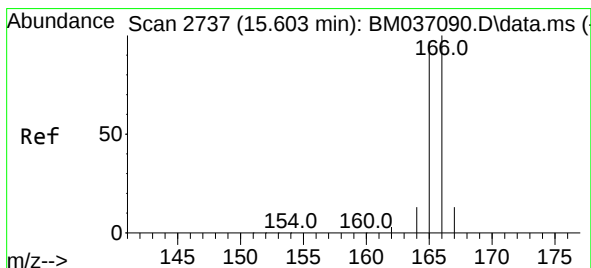
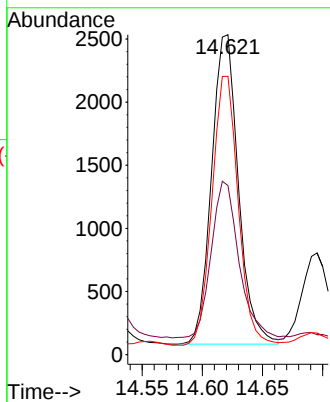
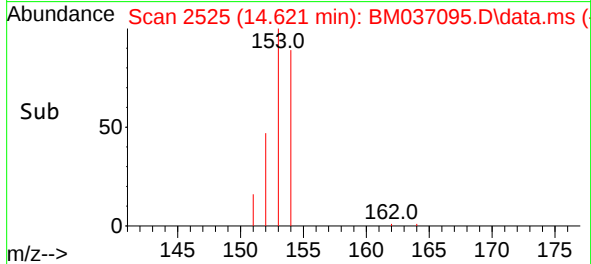
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 3811
Ion Ratio Lower Upper
153 100
152 52.8 40.2 60.4
154 87.0 69.7 104.5

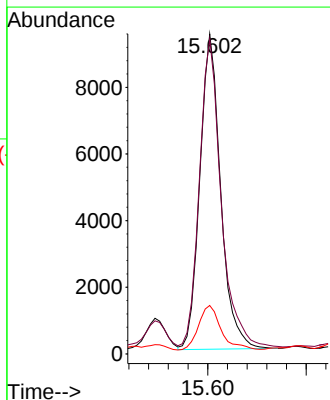
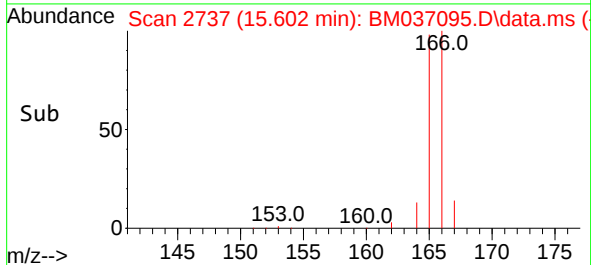
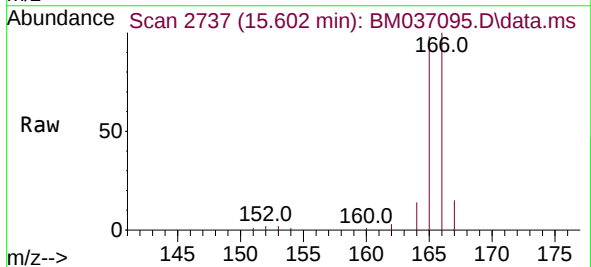
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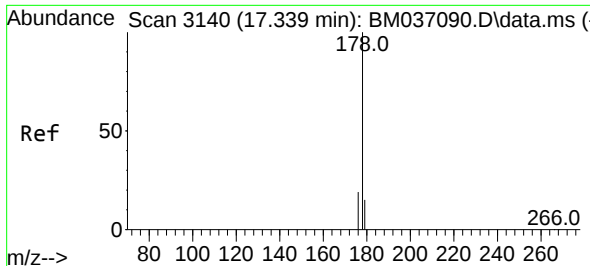
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#12
Fluorene
Concen: 0.298 ng/uI
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

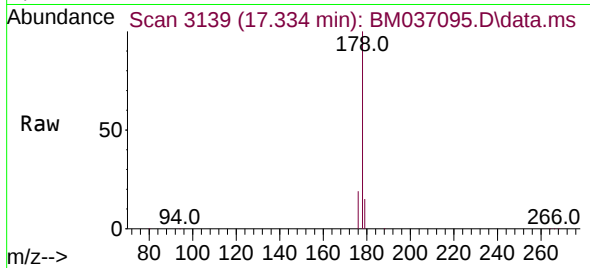
Tgt Ion:166 Resp: 13867
Ion Ratio Lower Upper
166 100
165 98.4 78.9 118.3
167 15.1 11.3 16.9





#15
Phenanthrene
Concen: 3.122 ng/ul
RT: 17.334 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

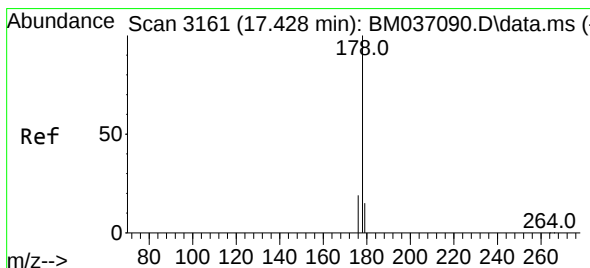
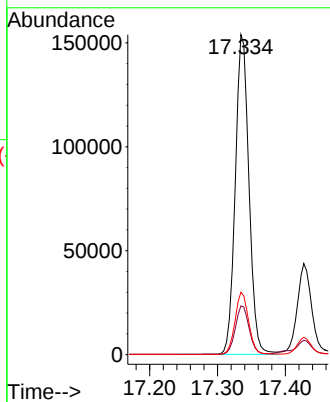
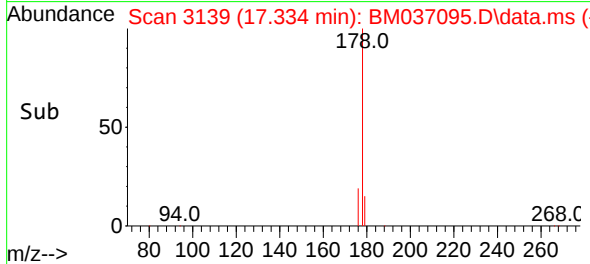
Instrument :
BNA_M
ClientSampleId :
C0BP7DL



Tgt Ion:178 Resp: 215817
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 19.5 15.6 23.4

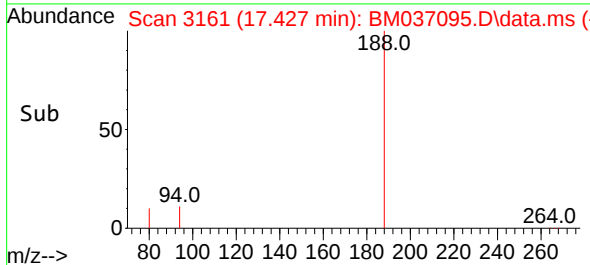
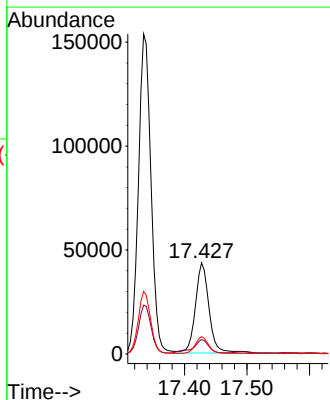
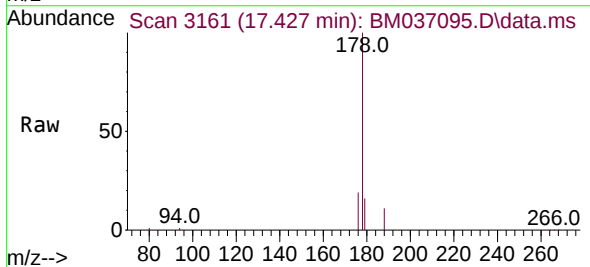
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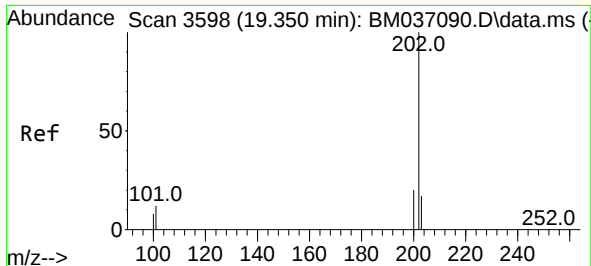
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#16
Anthracene
Concen: 1.140 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

Tgt Ion:178 Resp: 65883
Ion Ratio Lower Upper
178 100
179 15.8 13.6 20.4
176 18.9 15.6 23.4





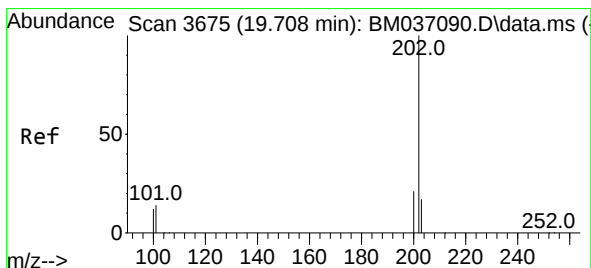
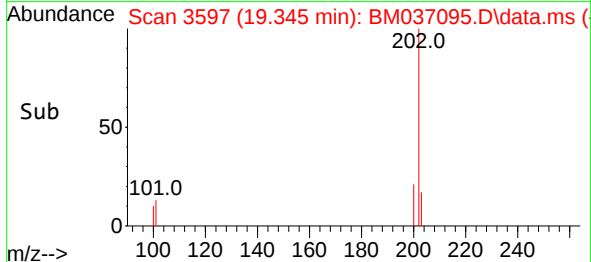
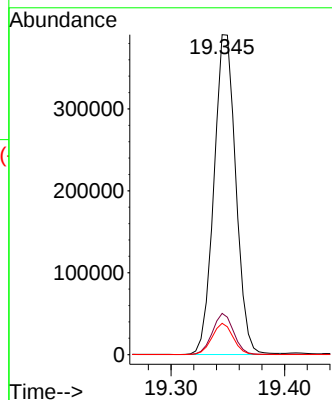
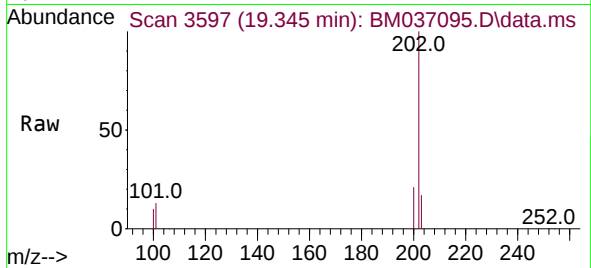
#19
Fluoranthene
Concen: 9.431 ng/u1
RT: 19.345 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

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Tgt Ion:202 Resp: 524133
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.8 7.9 11.9

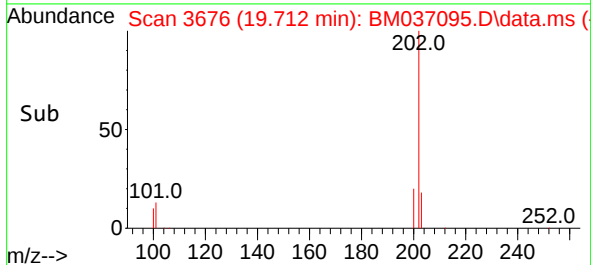
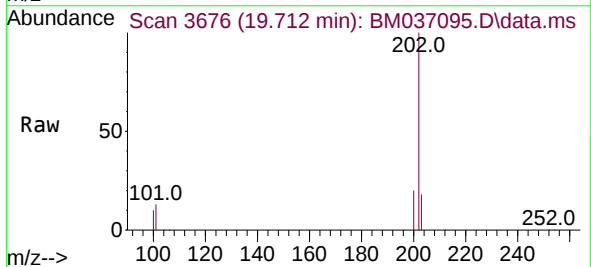
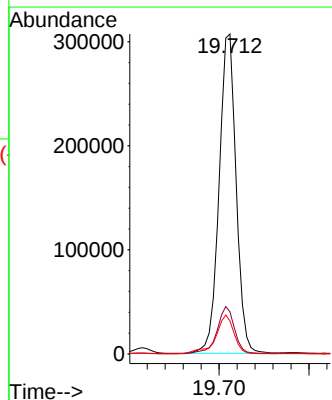
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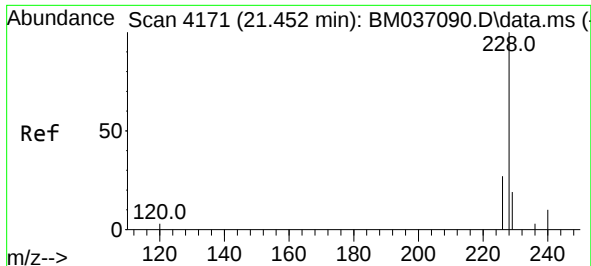
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
Pyrene
Concen: 6.995 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

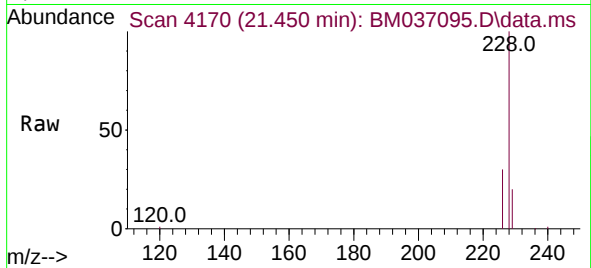
Tgt Ion:202 Resp: 405396
Ion Ratio Lower Upper
202 100
101 13.1 12.0 18.0
100 10.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.089 ng/ul
RT: 21.450 min Scan# 4171
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

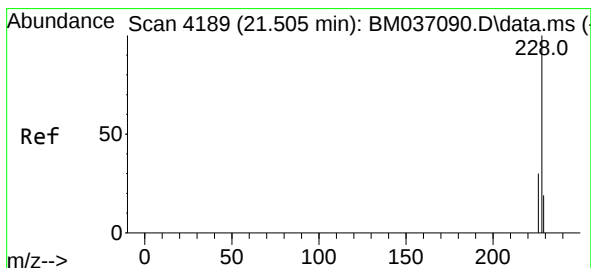
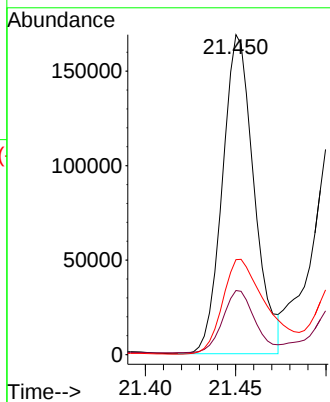
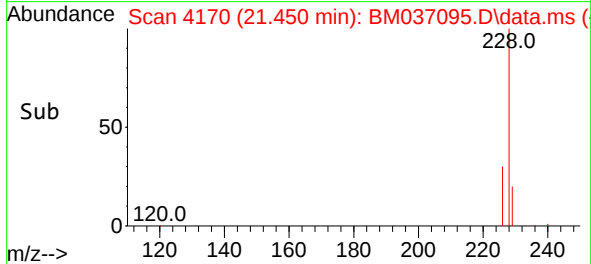
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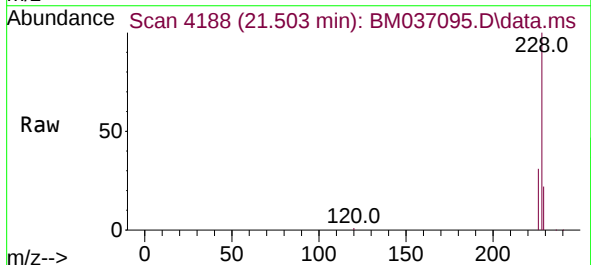
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Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 29.7 22.5 33.7

Manual Integrations
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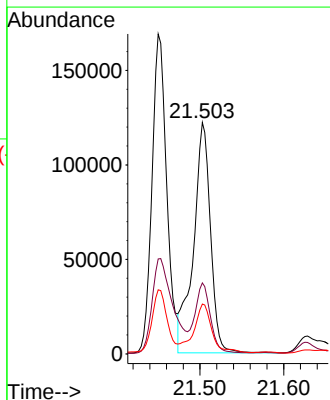
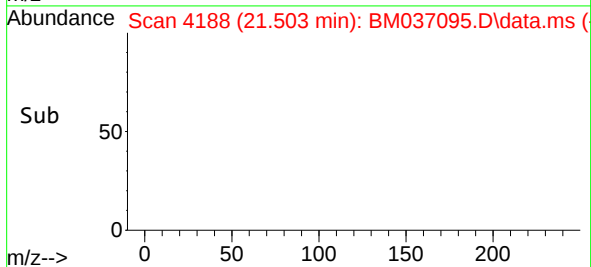
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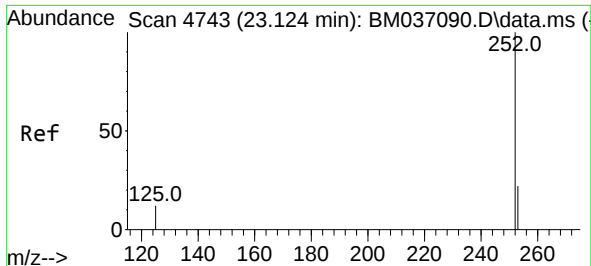


#22
Chrysene
Concen: 3.190 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59



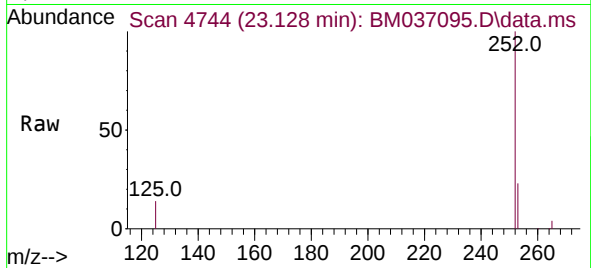
Tgt Ion:228 Resp: 172913
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 4.970 ng/ul
RT: 23.128 min Scan# 4744
Delta R.T. 0.006 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

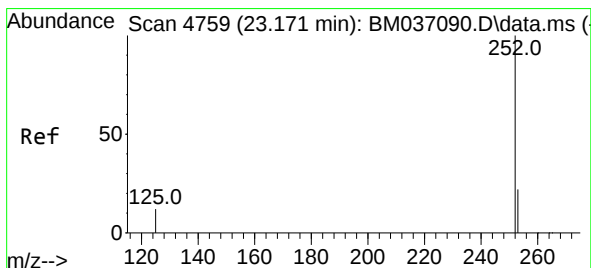
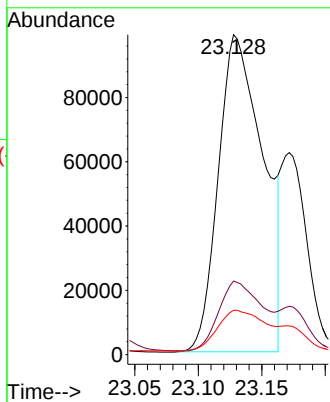
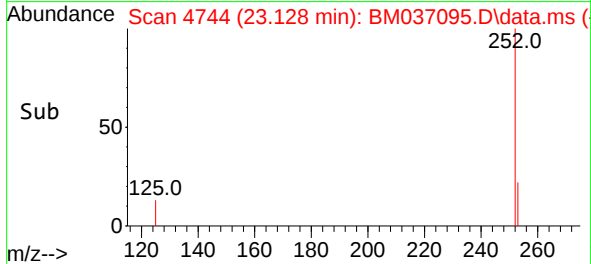
Instrument :
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Tgt Ion:252 Resp: 242324
Ion Ratio Lower Upper
252 100
253 23.0 0.0 61.4
125 13.8 0.0 42.6

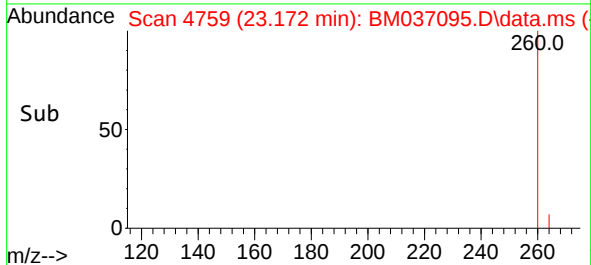
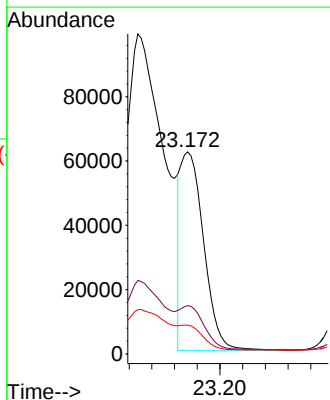
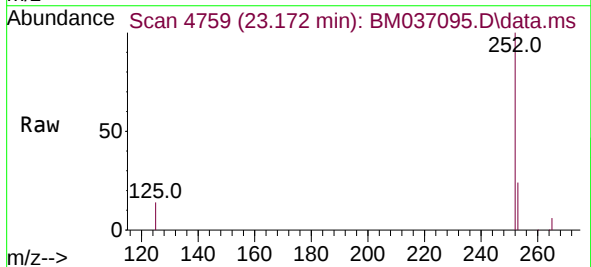
Manual Integrations
APPROVED

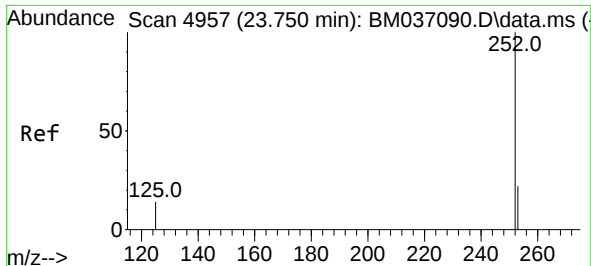
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#25
Benzo(k)fluoranthene
Concen: 1.828 ng/ul m
RT: 23.172 min Scan# 4759
Delta R.T. 0.003 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

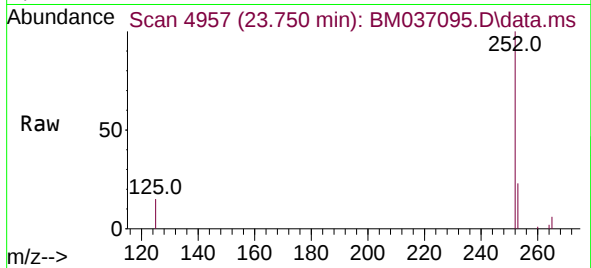
Tgt Ion:252 Resp: 86861
Ion Ratio Lower Upper
252 100
253 23.9 25.2 37.8#
125 14.2 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 3.694 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

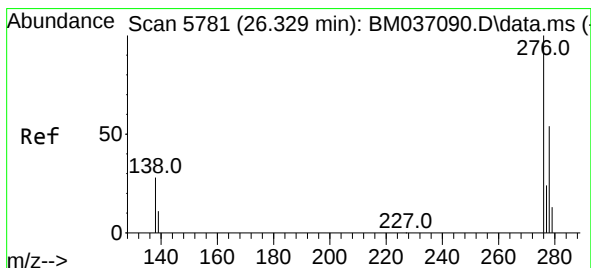
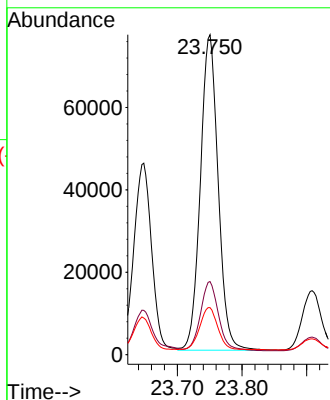
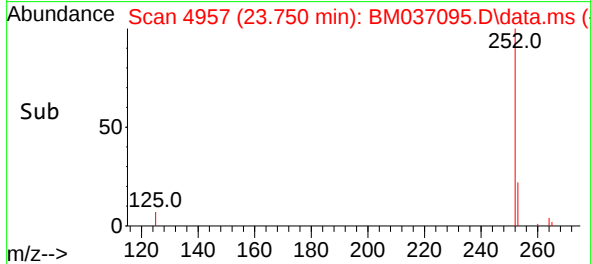
Instrument :
BNA_M
ClientSampleId :
C0BP7DL



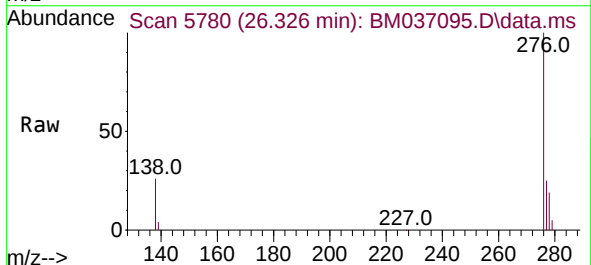
Tgt Ion:252 Resp: 146142
Ion Ratio Lower Upper
252 100
253 22.8 29.7 44.5
125 14.7 23.6 35.4

Manual Integrations
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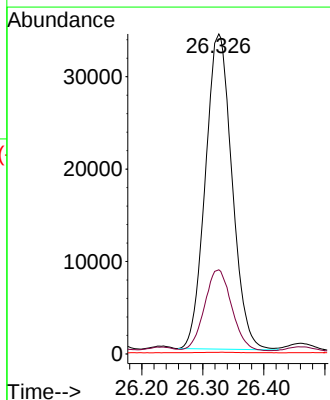
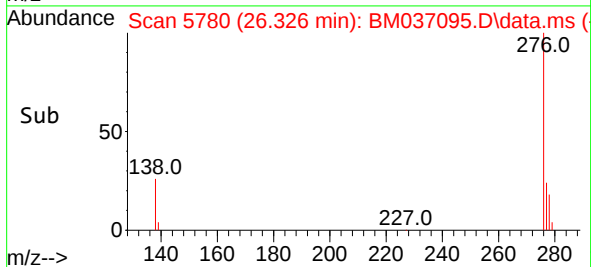
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

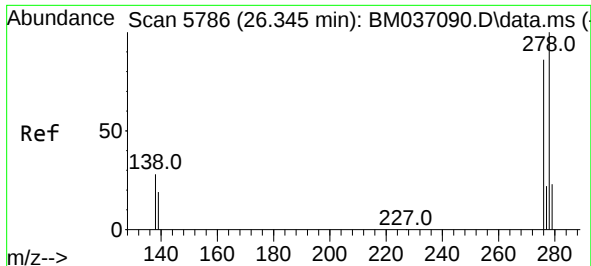


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.846 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59



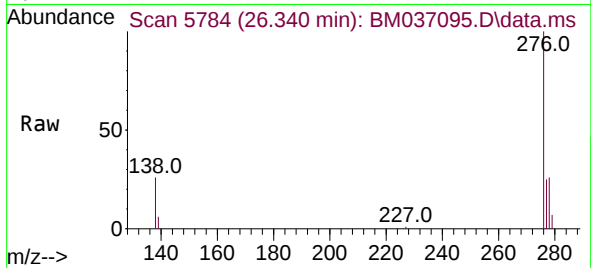
Tgt Ion:276 Resp: 103421
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.560 ng/ul m
RT: 26.340 min Scan# 5786
Delta R.T. -0.003 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

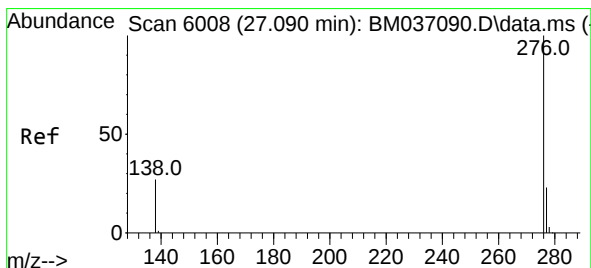
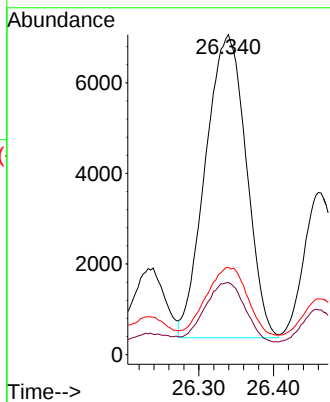
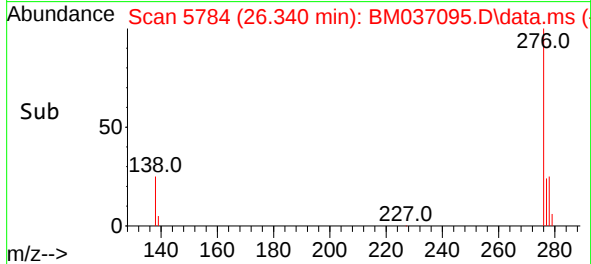
Instrument :
BNA_M
ClientSampleId :
C0BP7DL



Tgt Ion:278 Resp: 2538
Ion Ratio Lower Upper
278 100
139 22.5 19.8 29.6
279 27.3 27.7 41.5

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Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#29
Benzo(g,h,i)perylene
Concen: 1.457 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.003 min
Lab File: BM037095.D
Acq: 15 Oct 2022 16:59

Tgt Ion:276 Resp: 71935
Ion Ratio Lower Upper
276 100
138 27.0 23.4 35.0
277 24.2 21.0 31.4

