

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037069.D
 Acq On : 15 Oct 2022 00:26
 Operator : CG/JU
 Sample : N5049-06
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 02:31:22 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 : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	24092	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	13241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	26614	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	18083	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	14833	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	30885	3.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9222	0.253	ng/ul	-0.01
18) Fluoranthene-d10	19.317	212	17293	0.320	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	21243	0.308	ng/ul	97
7) 2-Methylnaphthalene	12.393	142	17927	0.425	ng/ul	92
8) 1-Methylnaphthalene	12.613	142	14030	0.328	ng/ul	99
10) Acenaphthylene	14.279	152	9729	0.177	ng/ul#	95
11) Acenaphthene	14.621	153	1421	0.030	ng/ul#	90
12) Fluorene	15.607	166	2085	0.039	ng/ul#	94
15) Phenanthrene	17.338	178	60587	0.713	ng/ul	99
16) Anthracene	17.427	178	9754	0.137	ng/ul	97
19) Fluoranthene	19.349	202	131619	1.830	ng/ul	99
20) Pyrene	19.712	202	104849m	1.398	ng/ul	
21) Benzo(a)anthracene	21.450	228	50220	0.769	ng/ul	98
22) Chrysene	21.506	228	54399	0.776	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	67267	1.015	ng/ul	92
25) Benzo(k)fluoranthene	23.171	252	26516m	0.411	ng/ul	
26) Benzo(a)pyrene	23.747	252	41088	0.764	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.326	276	29909	0.393	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.339	278	7470	0.121	ng/ul#	85
29) Benzo(g,h,i)perylene	27.091	276	23775	0.354	ng/ul	98

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

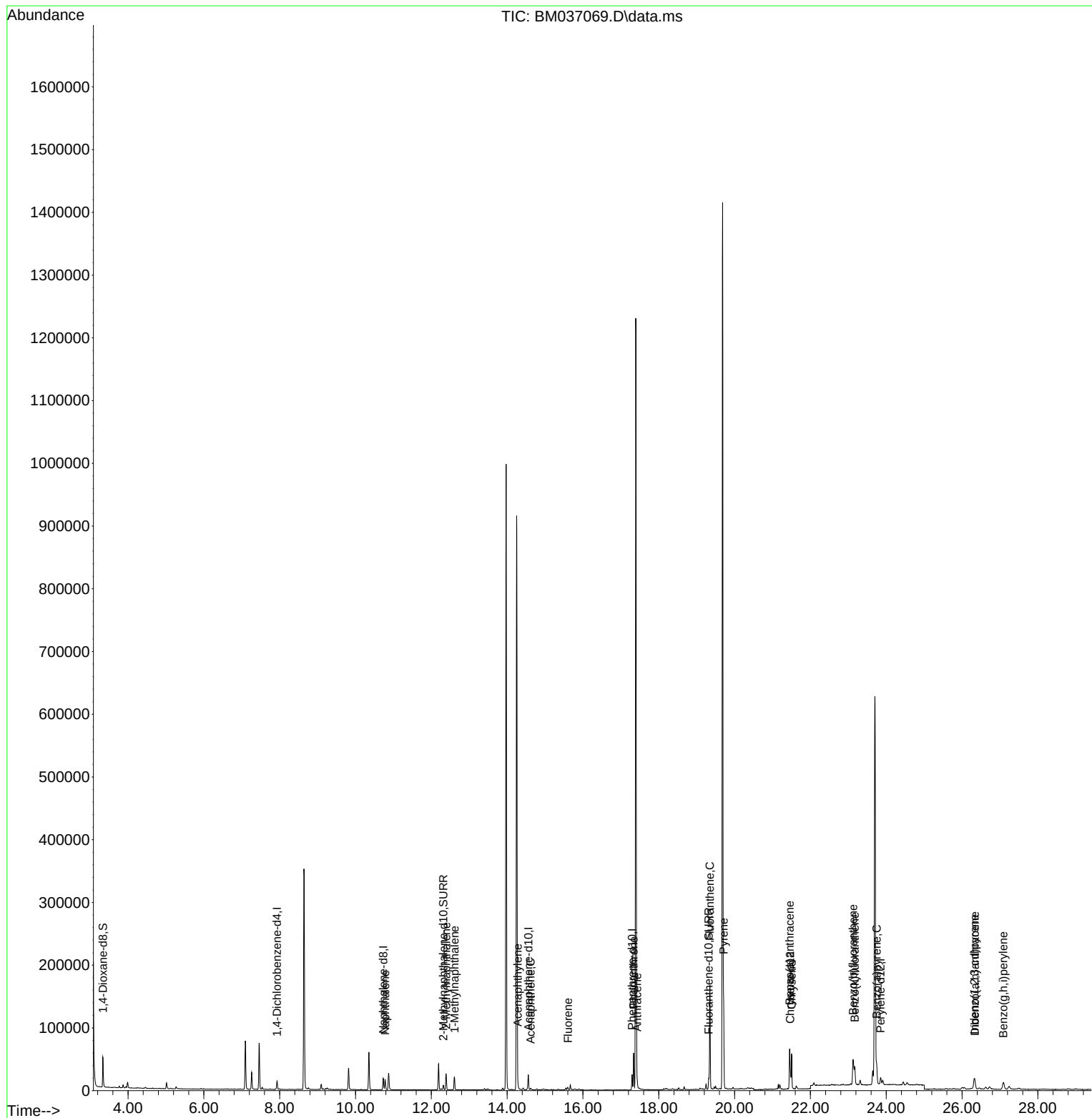
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037069.D
Acq On : 15 Oct 2022 00:26
Operator : CG/JU
Sample : N5049-06
Misc :
ALS Vial : 65 Sample Multiplier: 1

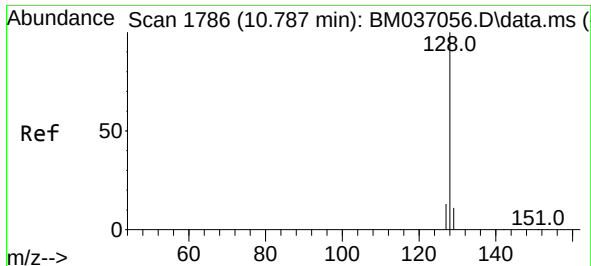
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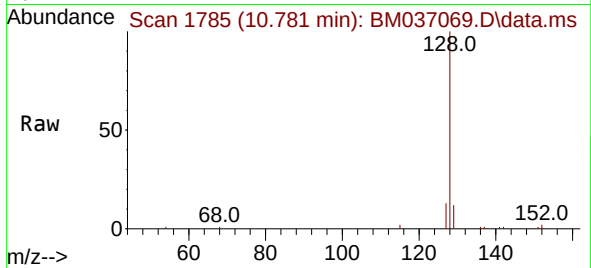
Quant Time: Oct 15 02:31:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

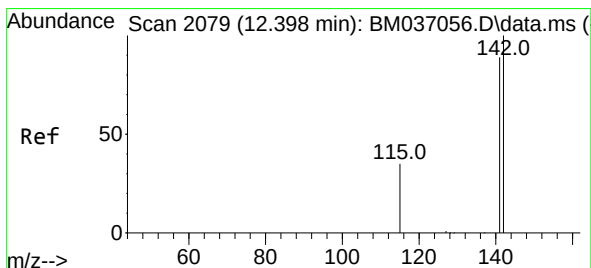
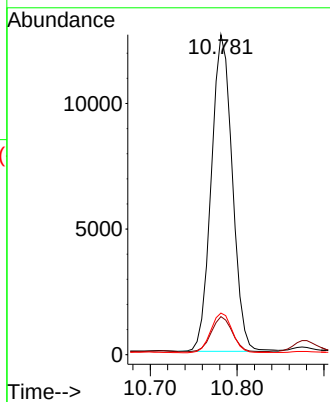
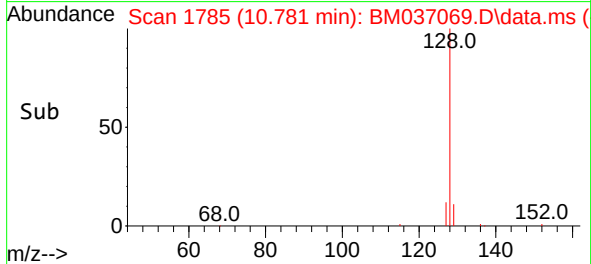
Instrument :
BNA_M
ClientSampleId :
C0BJ6



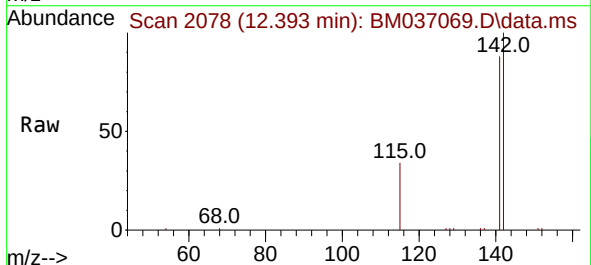
Tgt Ion:128 Resp: 2124
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.0 11.7 17.5

Manual Integrations
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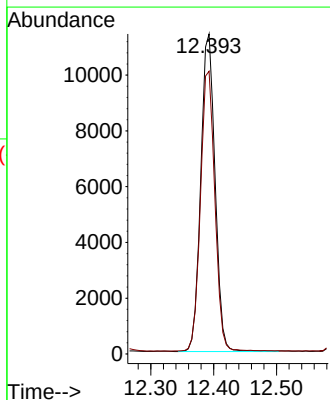
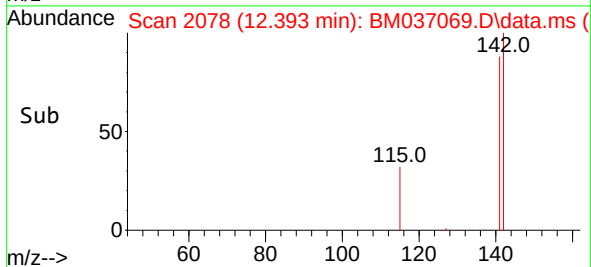
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

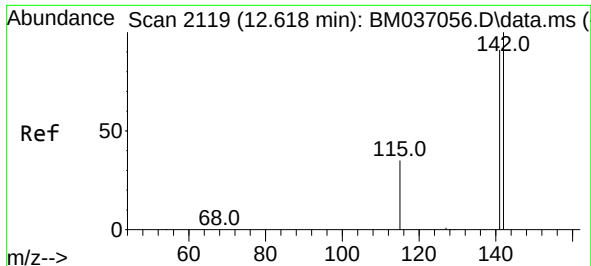


#7
2-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26



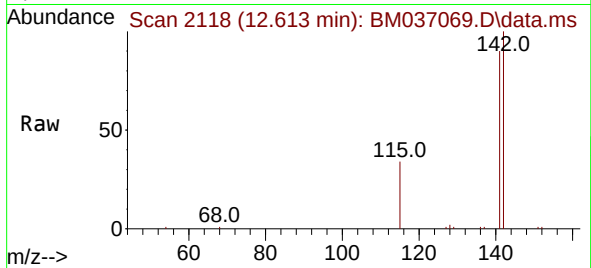
Tgt Ion:142 Resp: 17927
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

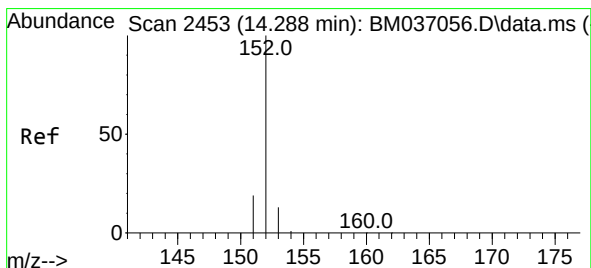
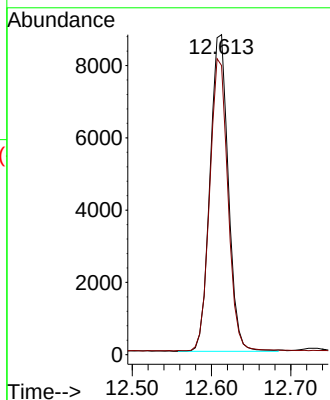
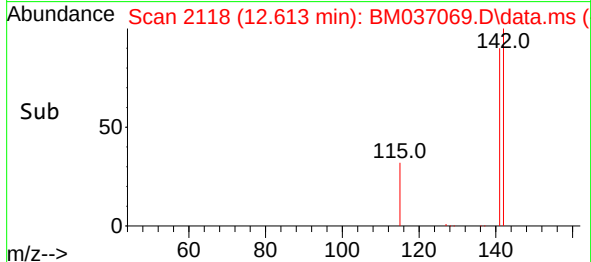
Instrument :
BNA_M
ClientSampleId :
C0BJ6



Tgt Ion:142 Resp: 14030
Ion Ratio Lower Upper
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141 91.7 74.1 111.1

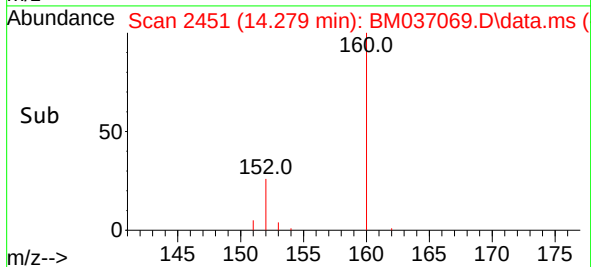
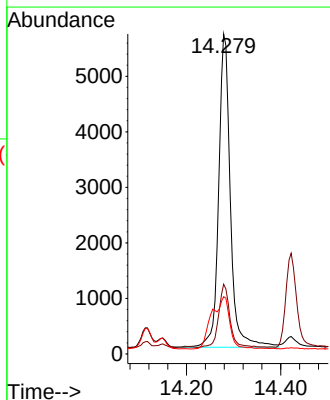
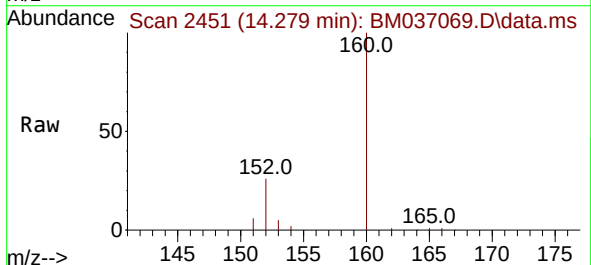
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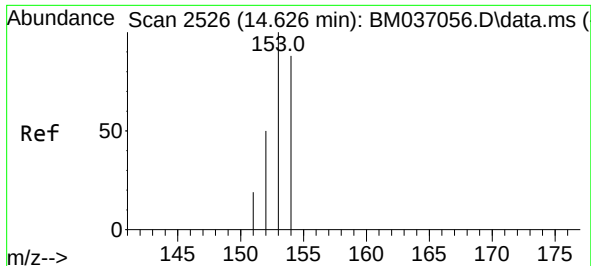
Reviewed By :Yogesh Patel 10/15/2022
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#10
Acenaphthylene
Concen: 0.177 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

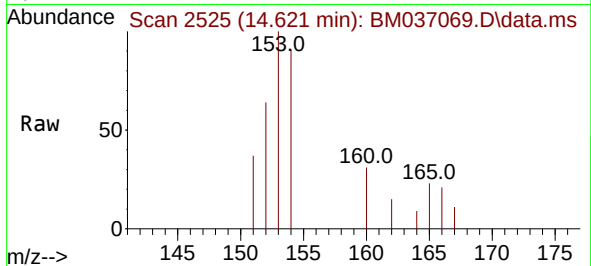
Tgt Ion:152 Resp: 9729
Ion Ratio Lower Upper
152 100
151 21.8 16.6 24.8
153 17.9 11.4 17.0#





#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

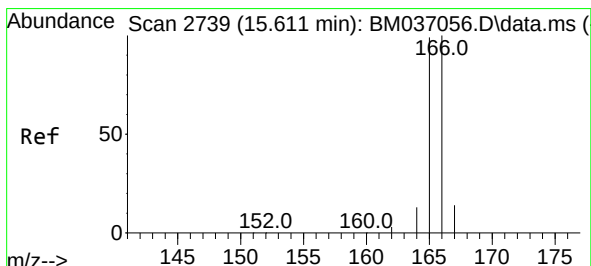
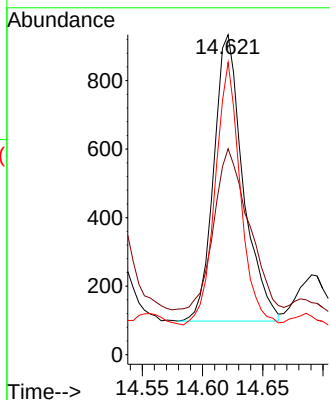
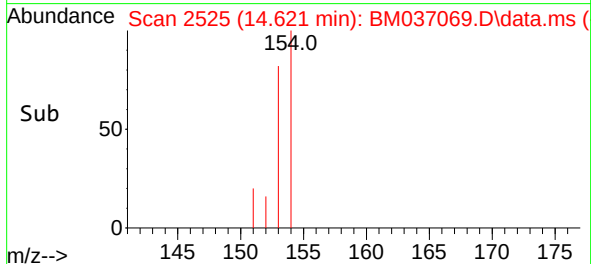
Instrument :
BNA_M
ClientSampleId :
C0BJ6



Tgt Ion:153 Resp: 142
Ion Ratio Lower Upper
153 100
152 64.3 40.2 60.4
154 91.3 69.7 104.5

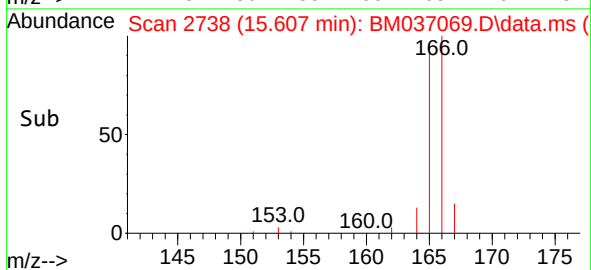
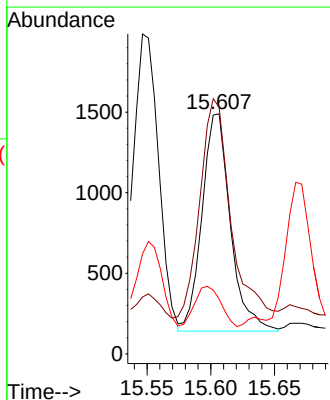
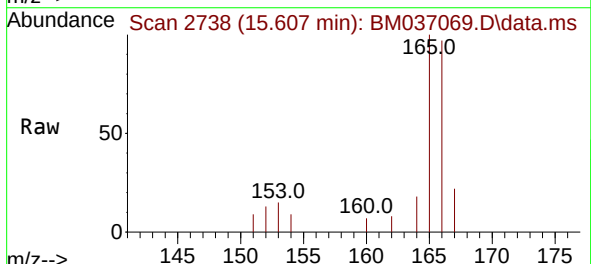
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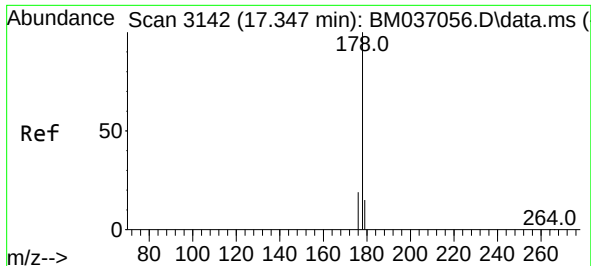
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.607 min Scan# 2738
Delta R.T. -0.001 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

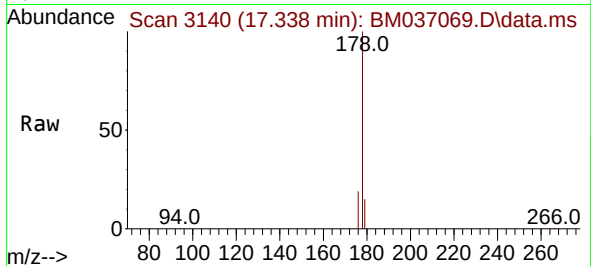
Tgt Ion:166 Resp: 2085
Ion Ratio Lower Upper
166 100
165 102.7 78.9 118.3
167 22.8 11.3 16.9





#15
Phenanthrene
Concen: 0.713 ng/u1
RT: 17.338 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

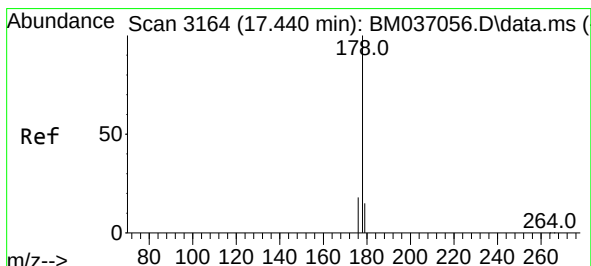
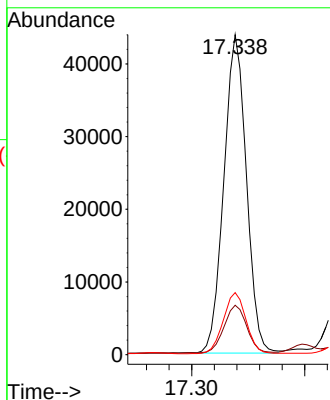
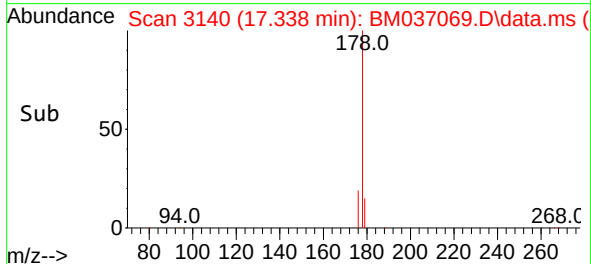
Instrument :
BNA_M
ClientSampleId :
C0BJ6



Tgt Ion:178 Resp: 6058
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.4 15.6 23.4

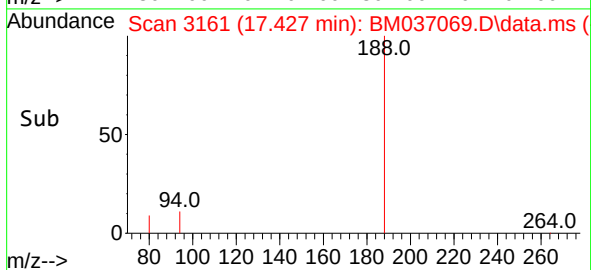
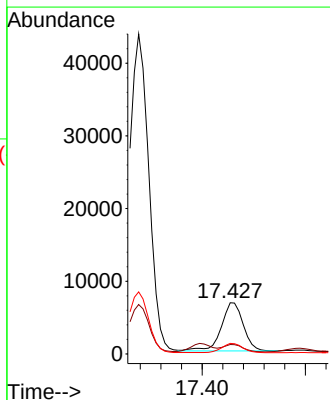
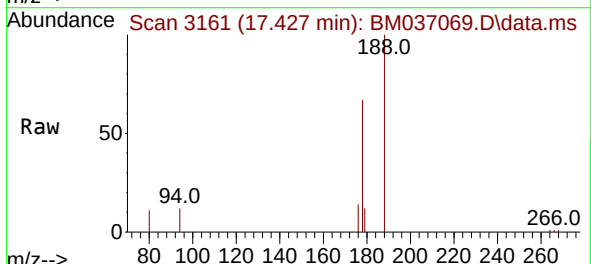
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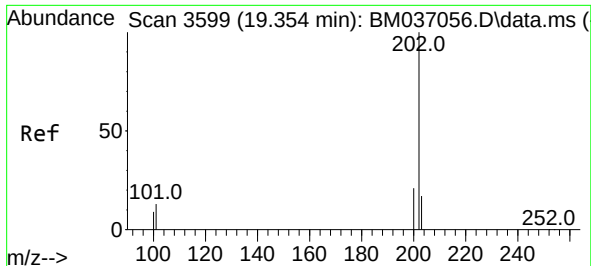
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Anthracene
Concen: 0.137 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

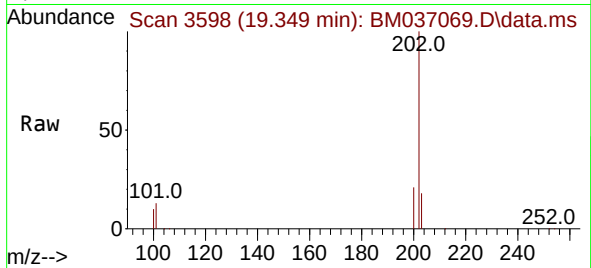
Tgt Ion:178 Resp: 9754
Ion Ratio Lower Upper
178 100
179 18.3 13.6 20.4
176 20.6 15.6 23.4





#19
Fluoranthene
Concen: 1.830 ng/ul
RT: 19.349 min Scan# 3599
Delta R.T. -0.006 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

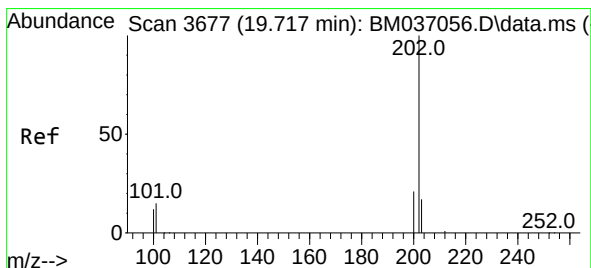
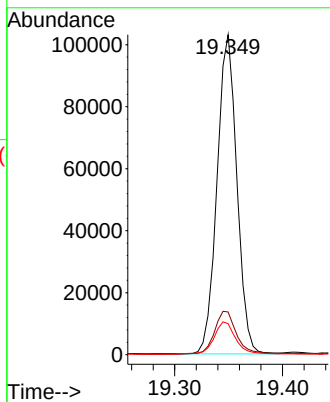
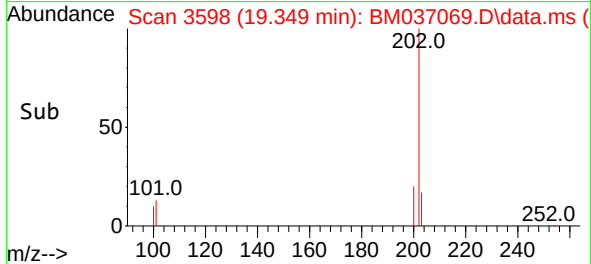
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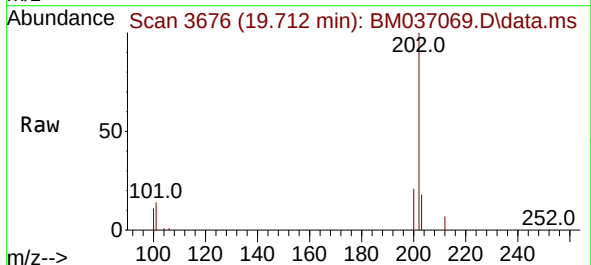
Tgt Ion:202 Resp: 131619
Ion Ratio Lower Upper
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101 13.4 10.1 15.1
100 9.7 7.9 11.9

Manual Integrations
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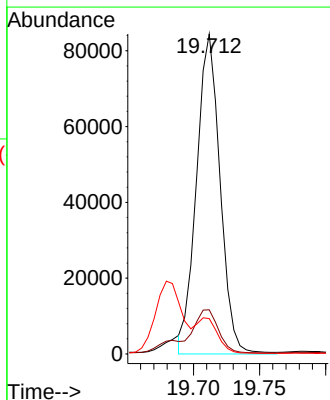
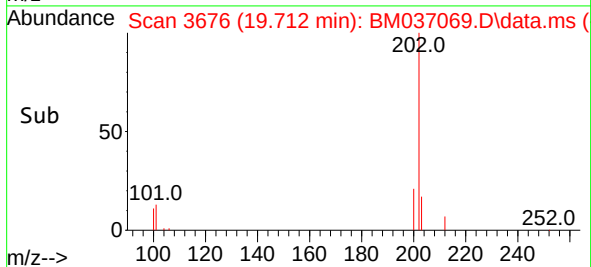
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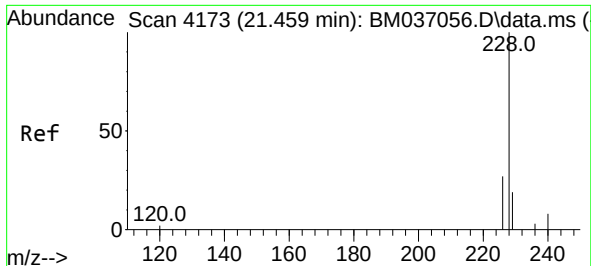


#20
Pyrene
Concen: 1.398 ng/ul m
RT: 19.712 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26



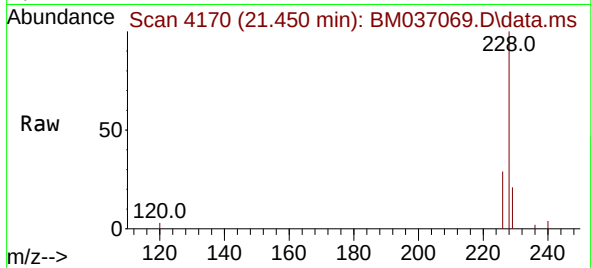
Tgt Ion:202 Resp: 104849
Ion Ratio Lower Upper
202 100
101 13.8 12.0 18.0
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.769 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. -0.008 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

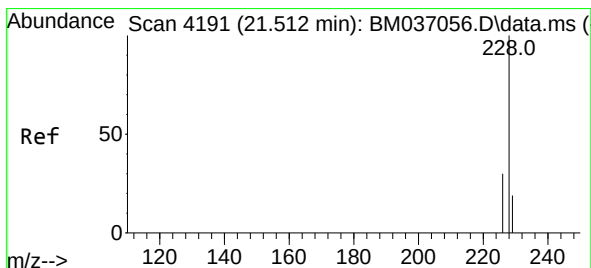
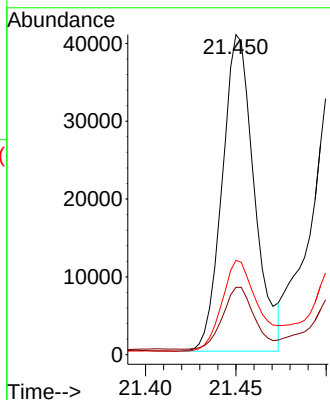
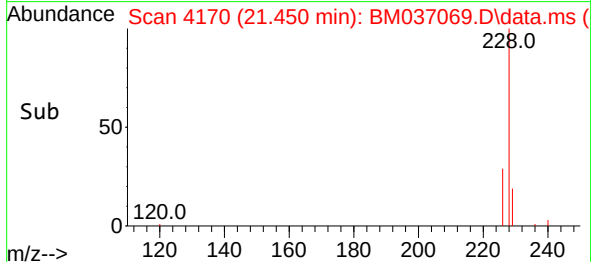
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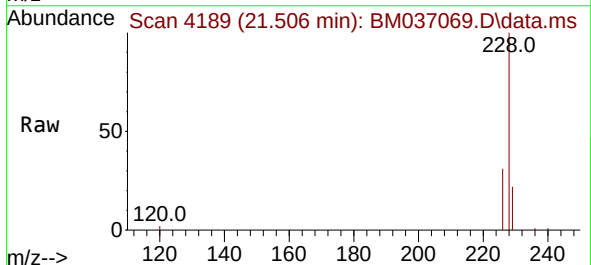
Tgt Ion:228 Resp: 50220
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 29.4 22.5 33.7

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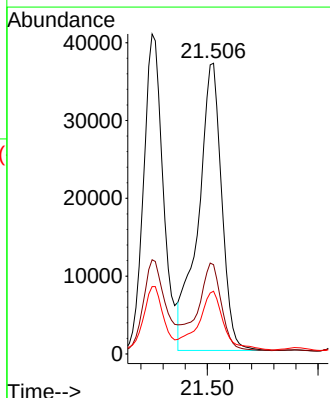
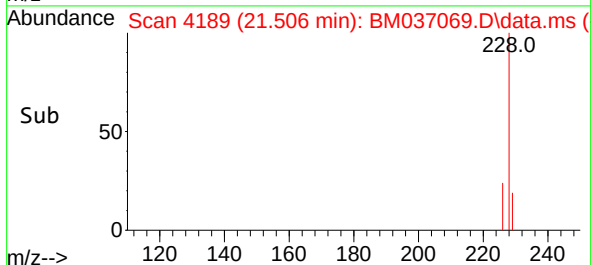
Reviewed By :Yogesh Patel 10/15/2022
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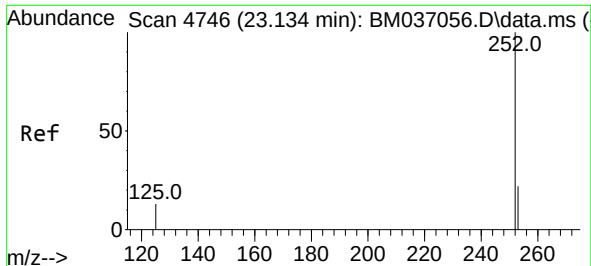


#22
Chrysene
Concen: 0.776 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26



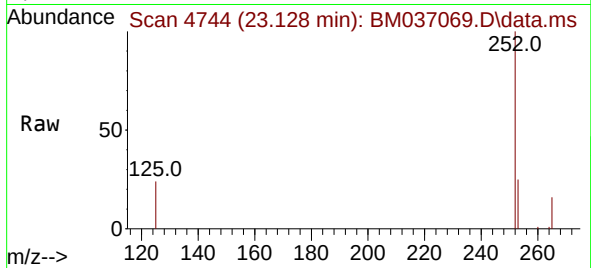
Tgt Ion:228 Resp: 54399
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.015 ng/ul
RT: 23.128 min Scan# 4744
Delta R.T. -0.008 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

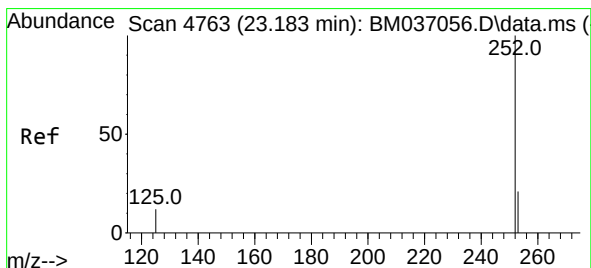
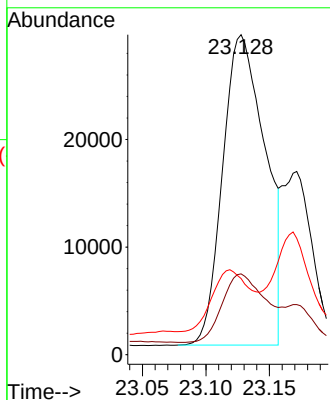
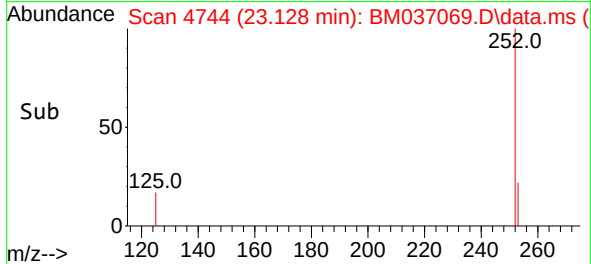
Instrument :
BNA_M
ClientSampleId :
C0BJ6



Tgt Ion:252 Resp: 6726
Ion Ratio Lower Upper
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253 25.2 0.0 61.4
125 23.8 0.0 42.6

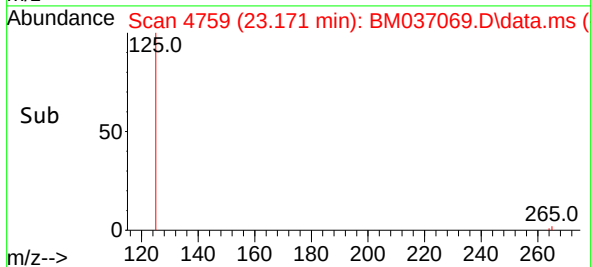
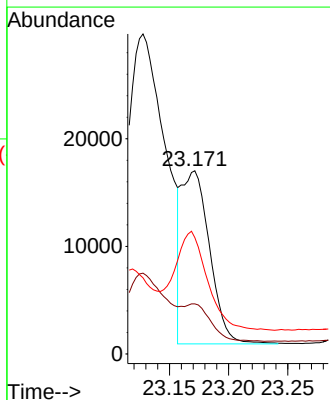
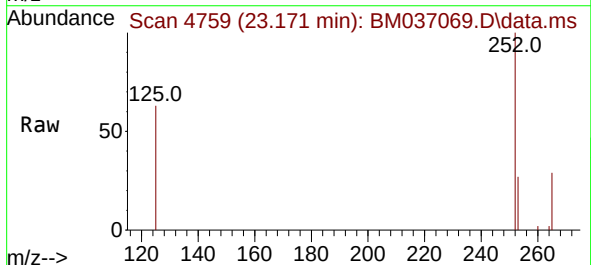
Manual Integrations
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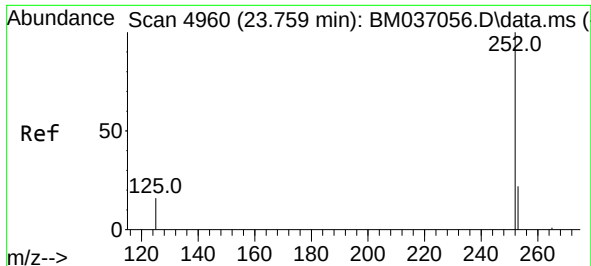
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul m
RT: 23.171 min Scan# 4759
Delta R.T. -0.011 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

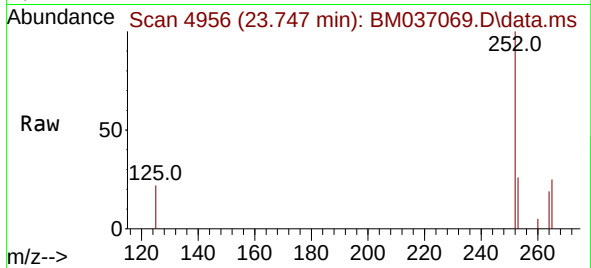
Tgt Ion:252 Resp: 26516
Ion Ratio Lower Upper
252 100
253 27.4 25.2 37.8
125 63.5 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.764 ng/ul
RT: 23.747 min Scan# 4956
Delta R.T. -0.011 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

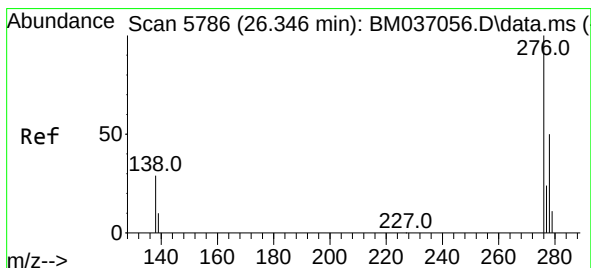
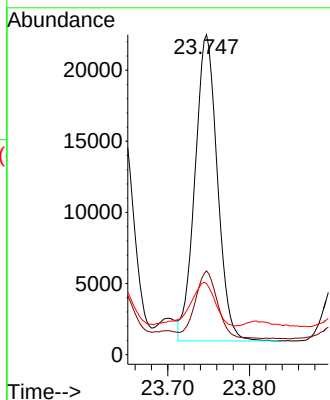
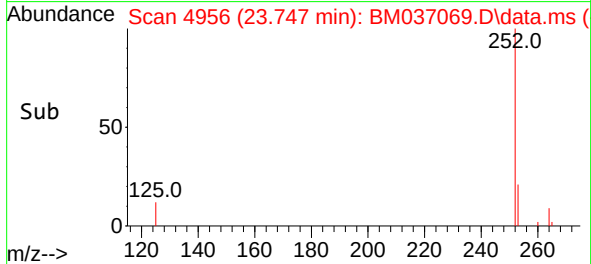
Instrument :
BNA_M
ClientSampleId :
C0BJ6



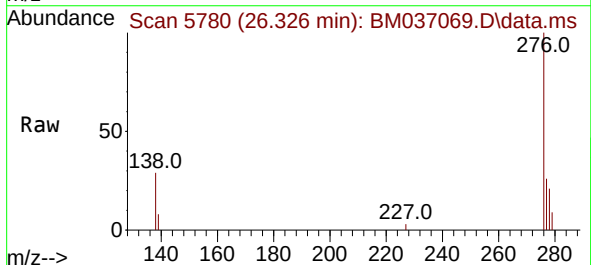
Tgt Ion:252 Resp: 41088
Ion Ratio Lower Upper
252 100
253 26.2 29.7 44.5
125 22.2 23.6 35.4

Manual Integrations
APPROVED

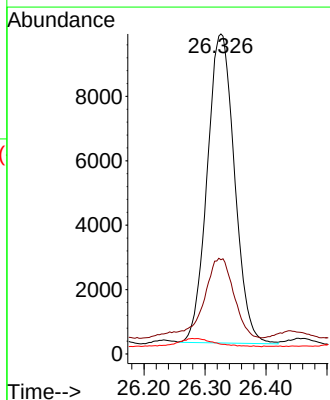
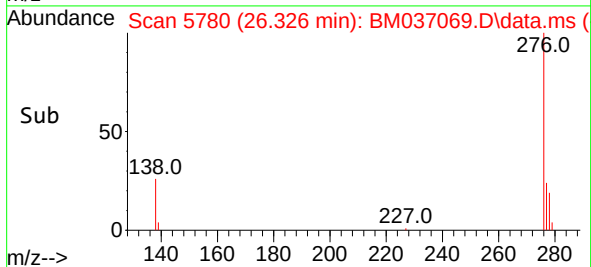
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

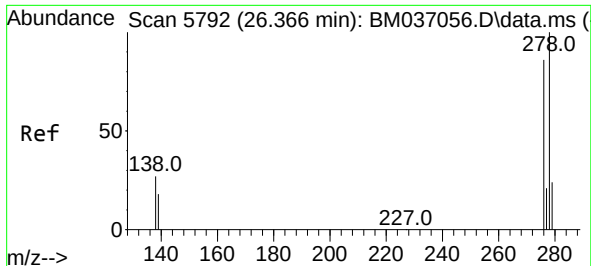


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.016 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26



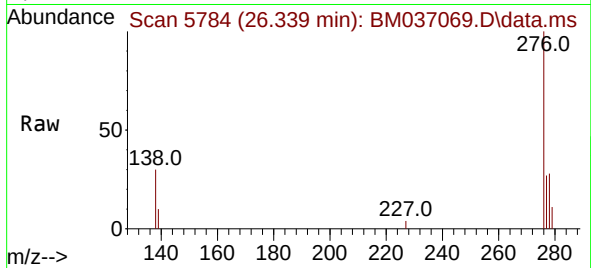
Tgt Ion:276 Resp: 29909
Ion Ratio Lower Upper
276 100
138 29.0 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul
RT: 26.339 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26

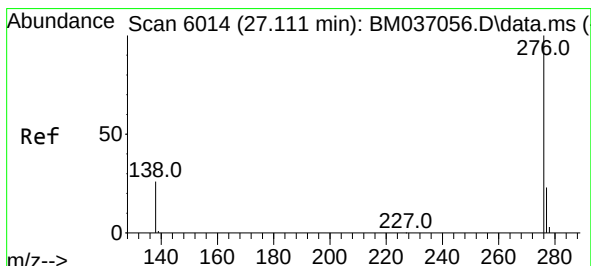
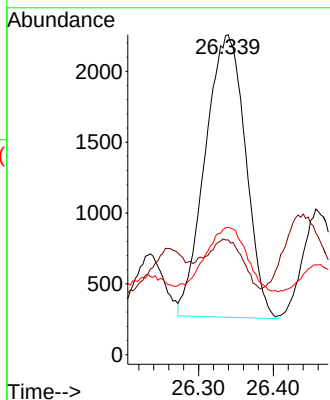
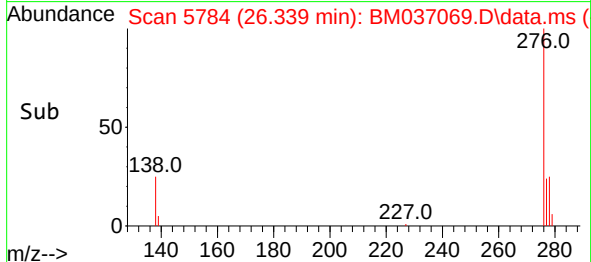
Instrument :
BNA_M
ClientSampleId :
C0BJ6



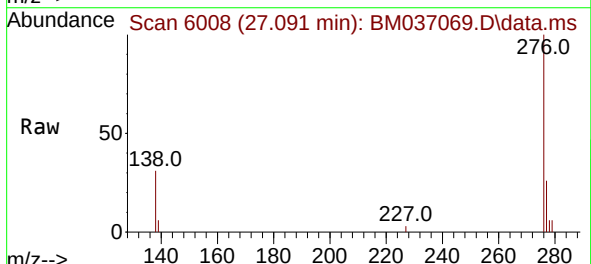
Tgt Ion:278 Resp: 7470
Ion Ratio Lower Upper
278 100
139 35.9 19.8 29.6
279 39.8 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. -0.016 min
Lab File: BM037069.D
Acq: 15 Oct 2022 00:26



Tgt Ion:276 Resp: 23775
Ion Ratio Lower Upper
276 100
138 30.8 23.4 35.0
277 25.8 21.0 31.4

