

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037083.D
 Acq On : 15 Oct 2022 09:13
 Operator : CG/JU
 Sample : N5049-01DL 5X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG3DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 00:54:31 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	7229	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	26117	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	13893	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	26359	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	15849	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	13937	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	7006	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2001	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	3371	0.071	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	2196	0.029	ng/ul#	93
7) 2-Methylnaphthalene	12.393	142	1618	0.035	ng/ul	93
8) 1-Methylnaphthalene	12.607	142	1415	0.031	ng/ul	97
10) Acenaphthylene	14.280	152	1768	0.031	ng/ul#	83
15) Phenanthrene	17.339	178	25870	0.307	ng/ul	100
16) Anthracene	17.428	178	4303	0.061	ng/ul#	94
19) Fluoranthene	19.346	202	47905	0.760	ng/ul	99
20) Pyrene	19.708	202	38648m	0.588	ng/ul	
21) Benzo(a)anthracene	21.449	228	14308	0.250	ng/ul	97
22) Chrysene	21.502	228	15180	0.247	ng/ul	97
24) Benzo(b)fluoranthene	23.127	252	18141	0.291	ng/ul	93
25) Benzo(k)fluoranthene	23.171	252	5293m	0.087	ng/ul	
26) Benzo(a)pyrene	23.747	252	11639	0.230	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.325	276	9948	0.139	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.335	278	2286	0.040	ng/ul#	54
29) Benzo(g,h,i)perylene	27.086	276	8491	0.135	ng/ul#	91

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

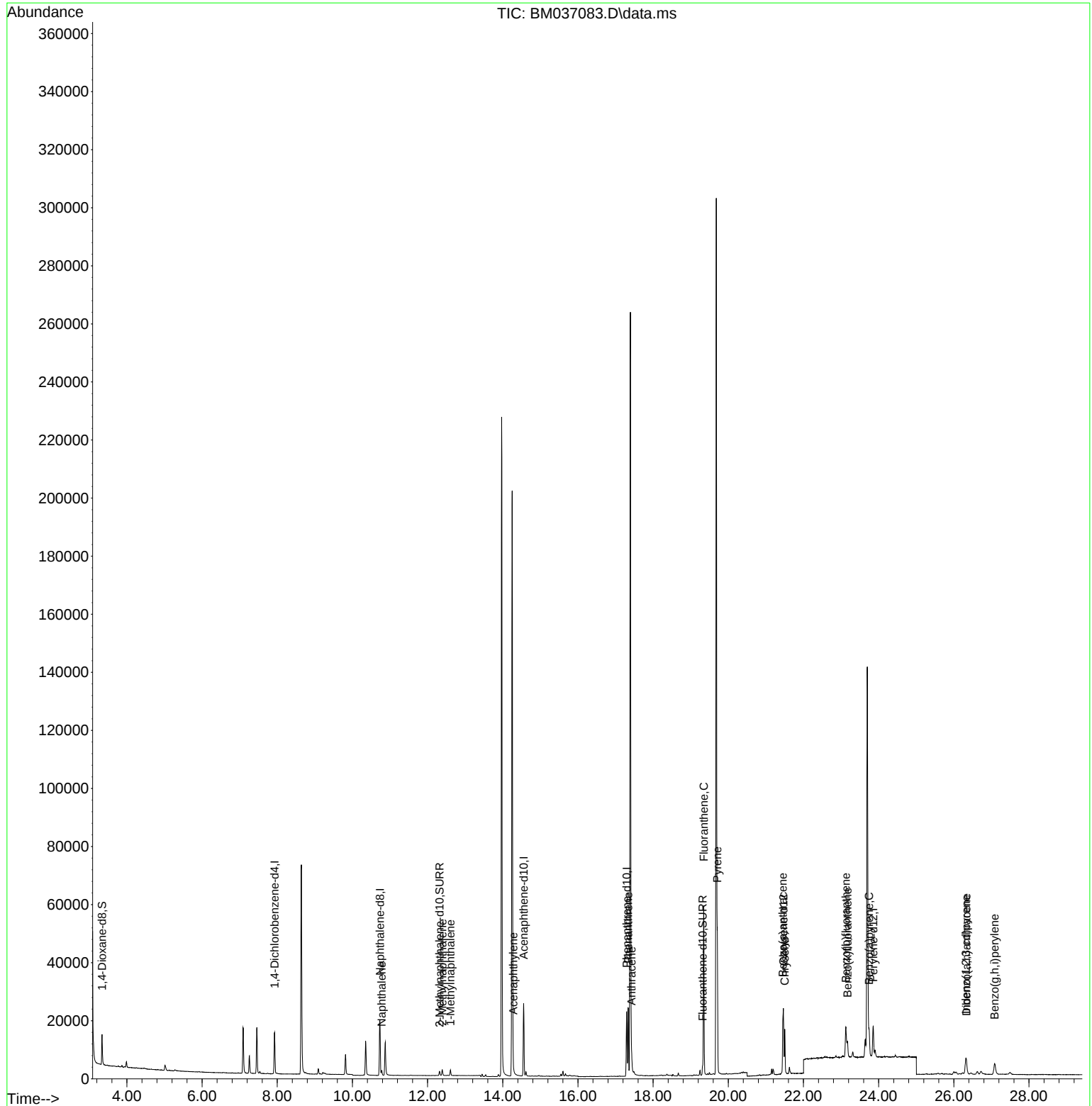
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037083.D
Acq On : 15 Oct 2022 09:13
Operator : CG/JU
Sample : N5049-01DL 5X
Misc :
ALS Vial : 80 Sample Multiplier: 1

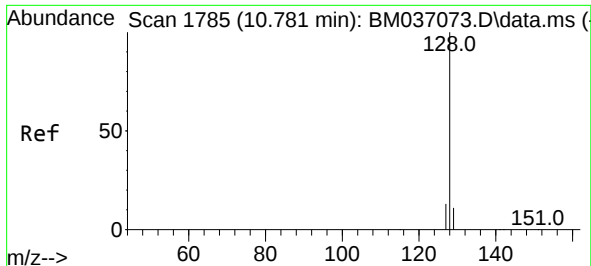
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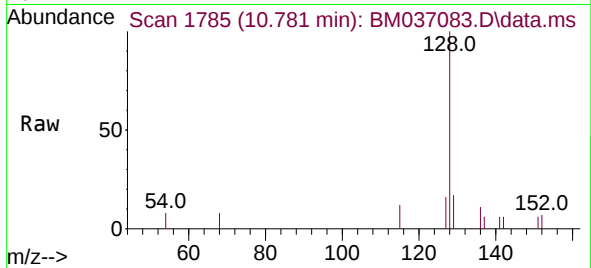
Quant Time: Oct 17 00:54:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

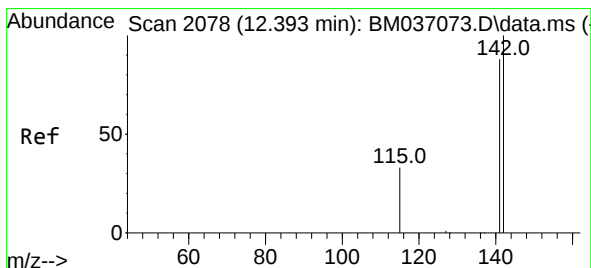
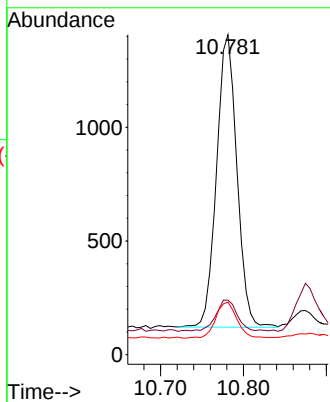
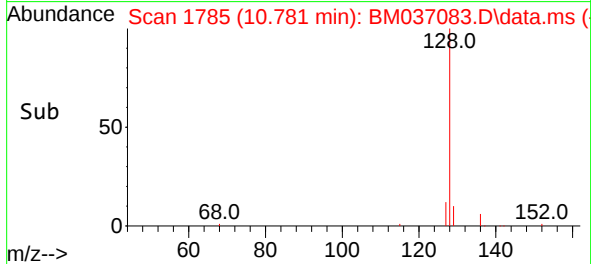
Instrument :
BNA_M
ClientSampleId :
C0BG3DL



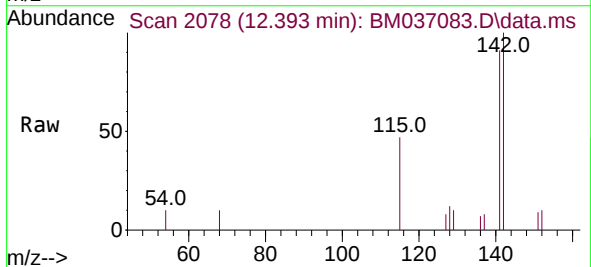
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Ion Ratio Lower Upper
128 100
129 17.0 10.2 15.2
127 16.4 11.7 17.5

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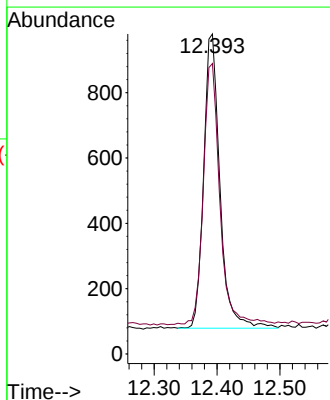
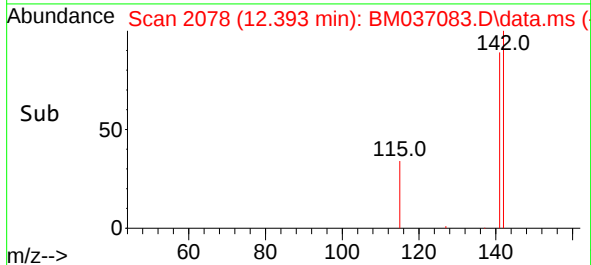
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

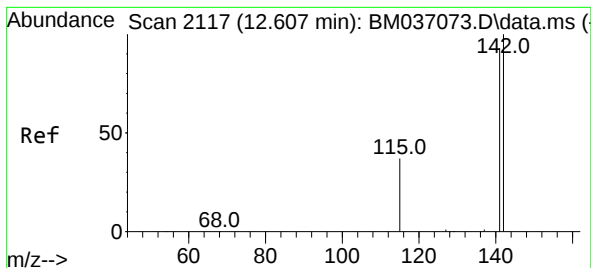


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13



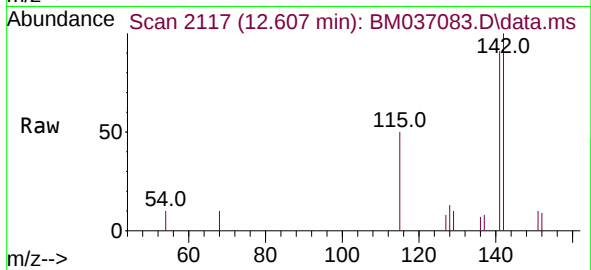
Tgt Ion:142 Resp: 1618
Ion Ratio Lower Upper
142 100
141 90.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

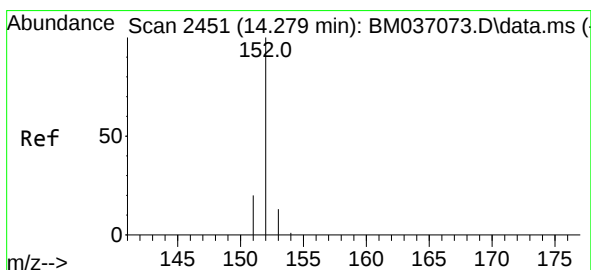
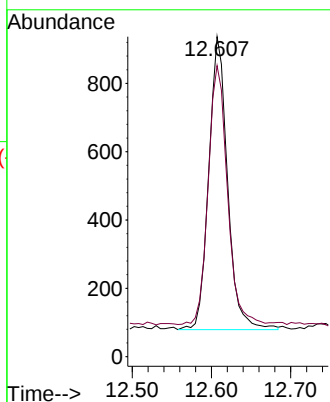
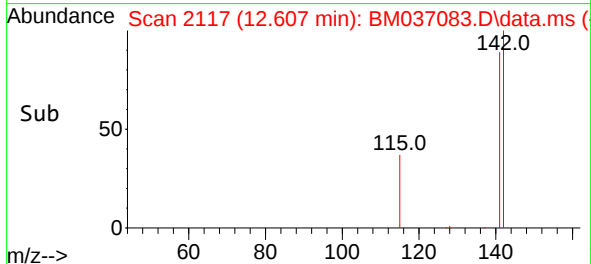
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1415
Ion Ratio Lower Upper
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141 90.0 74.1 111.1

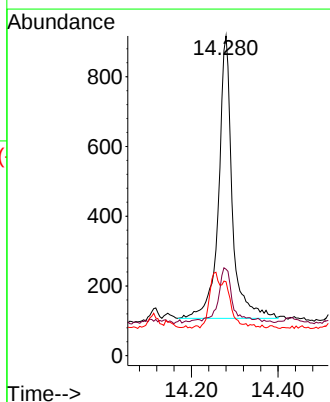
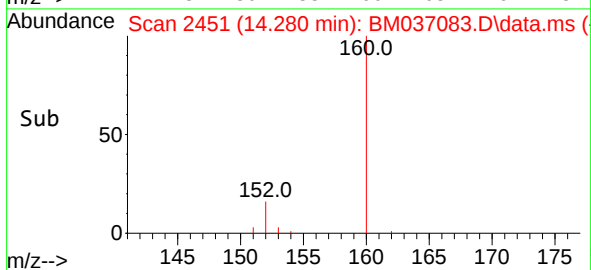
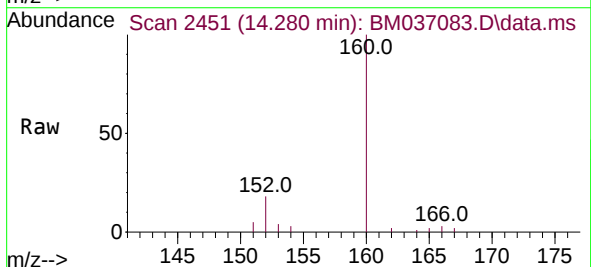
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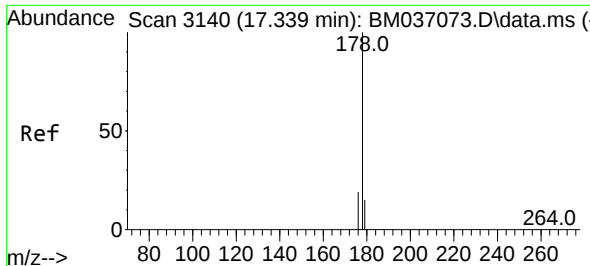
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. 0.001 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

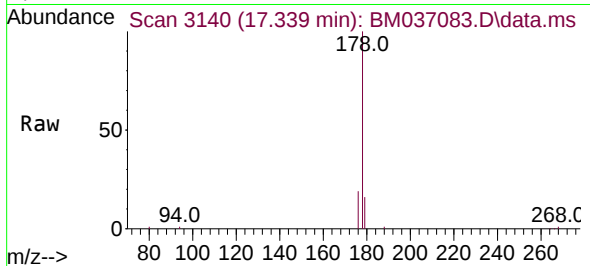
Tgt Ion:152 Resp: 1768
Ion Ratio Lower Upper
152 100
151 27.0 16.6 24.8#
153 23.1 11.4 17.0#





#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

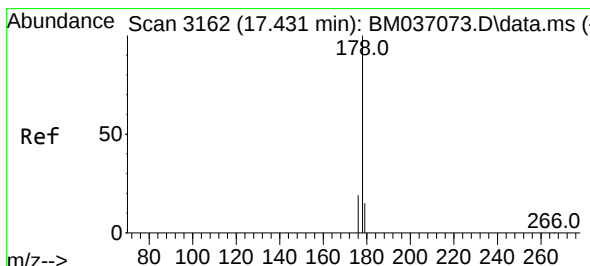
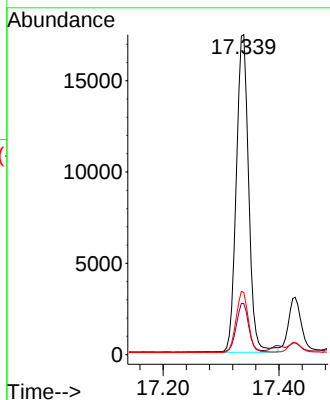
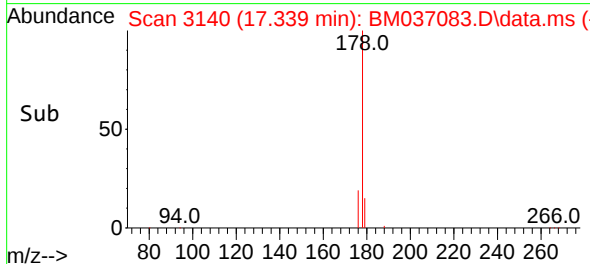
Instrument :
BNA_M
ClientSampleId :
C0BG3DL



Tgt Ion:178 Resp: 25870
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.4 15.6 23.4

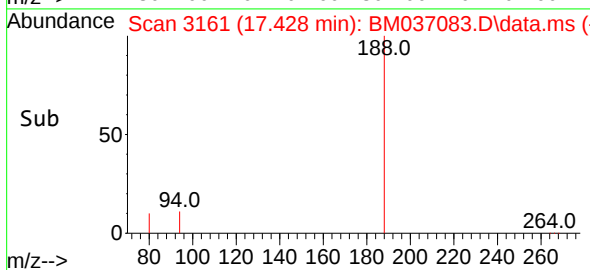
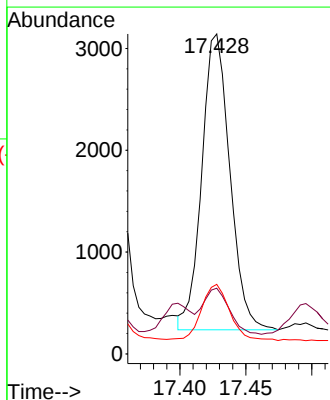
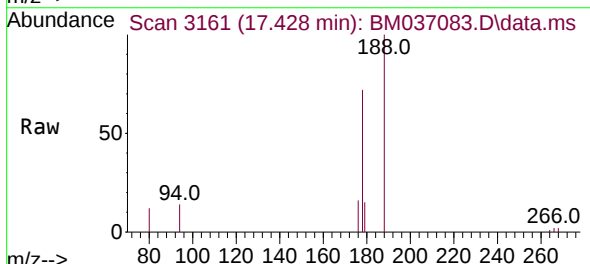
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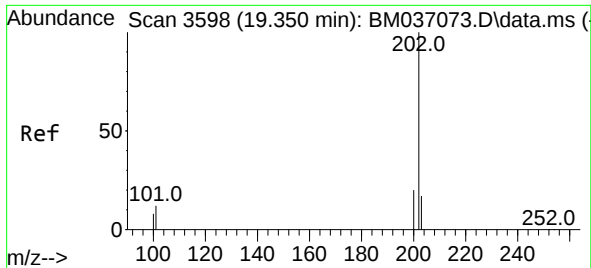
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#16
Anthracene
Concen: 0.061 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

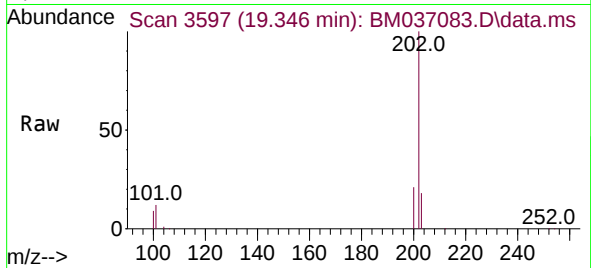
Tgt Ion:178 Resp: 4303
Ion Ratio Lower Upper
178 100
179 20.6 13.6 20.4#
176 21.7 15.6 23.4





#19
Fluoranthene
Concen: 0.760 ng/ul
RT: 19.346 min Scan# 3598
Delta R.T. -0.004 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

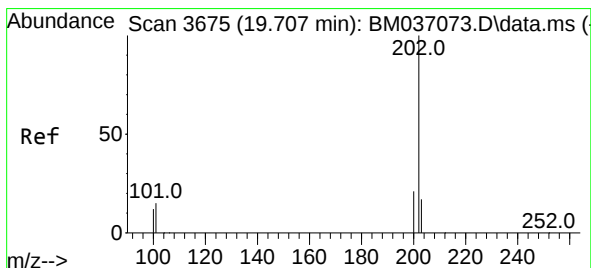
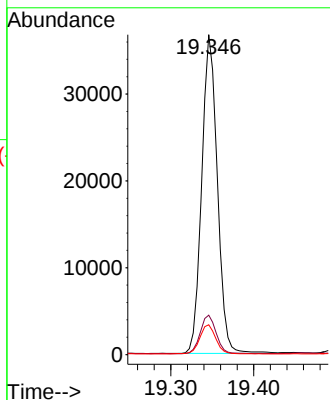
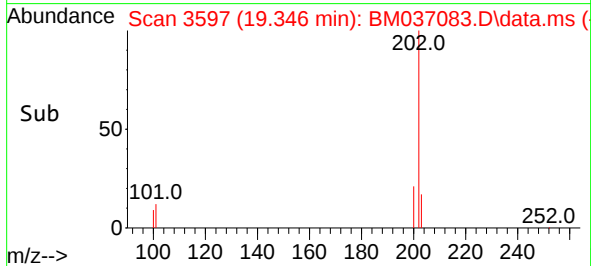
Instrument :
BNA_M
ClientSampleId :
C0BG3DL



Tgt Ion:202 Resp: 47905
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.4 7.9 11.9

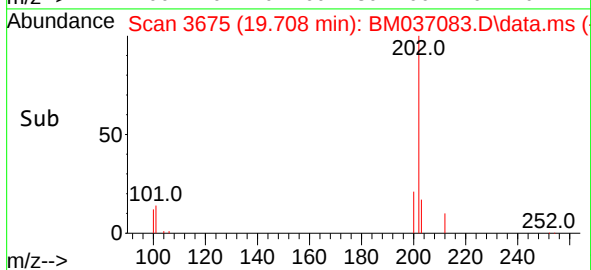
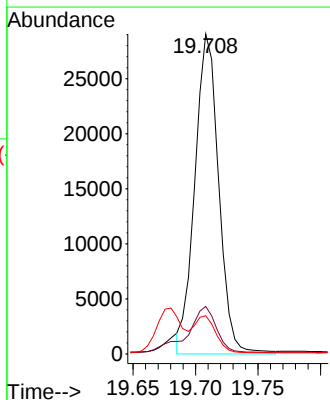
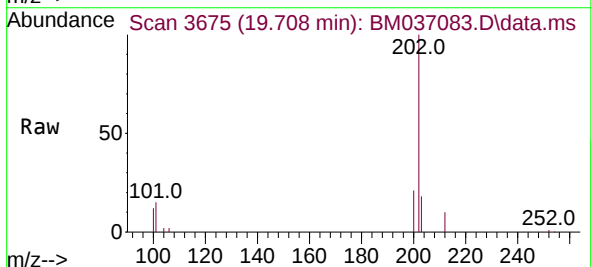
Manual Integrations
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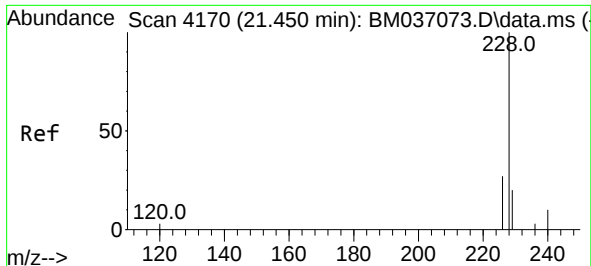
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
Pyrene
Concen: 0.588 ng/ul m
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

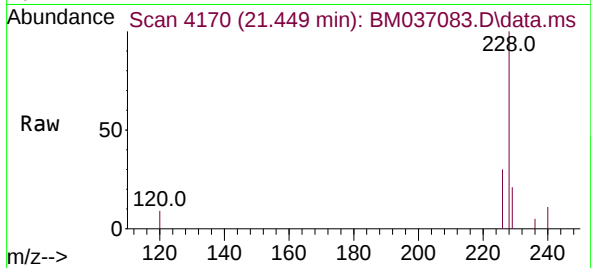
Tgt Ion:202 Resp: 38648
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.250 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

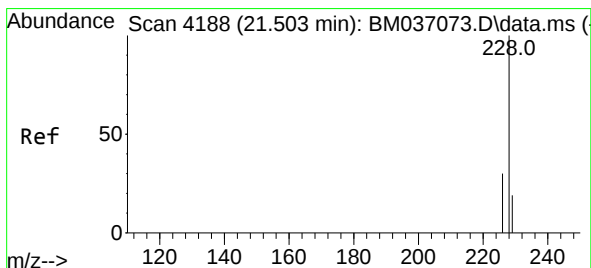
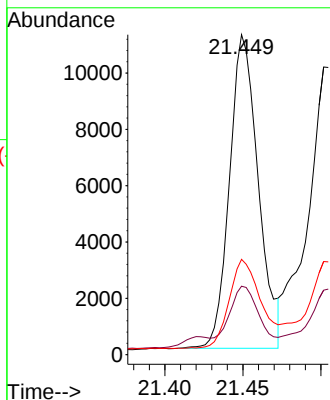
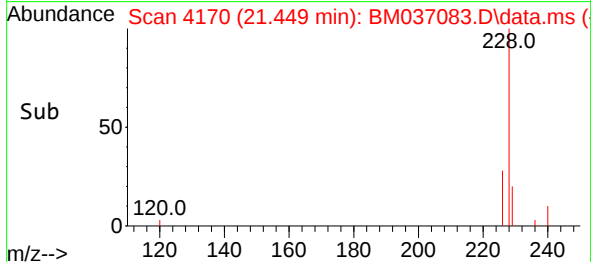
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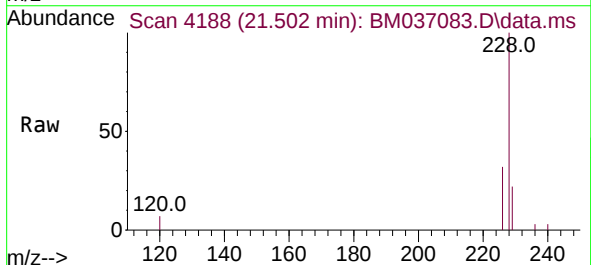
Tgt Ion:228 Resp: 14308
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.8 22.5 33.7

Manual Integrations
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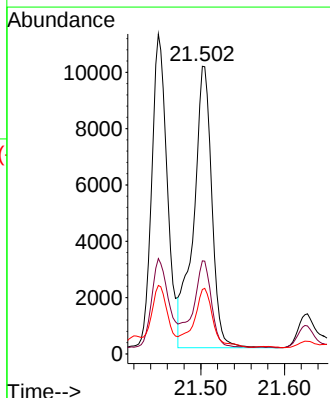
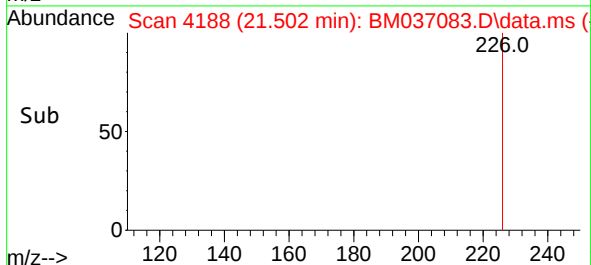
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Supervised By :mohammad ahmed 10/18/2022

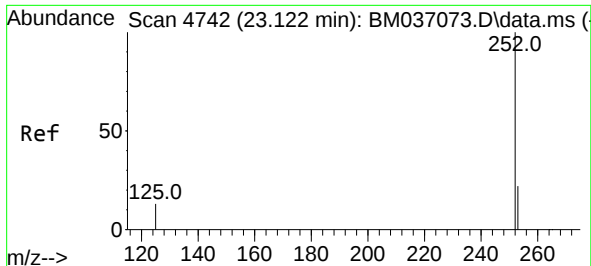


#22
Chrysene
Concen: 0.247 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13



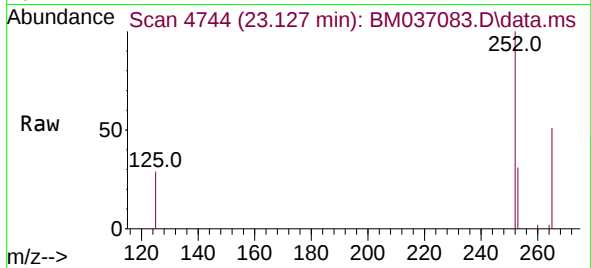
Tgt Ion:228 Resp: 15180
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.291 ng/ul
RT: 23.127 min Scan# 4744
Delta R.T. 0.005 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

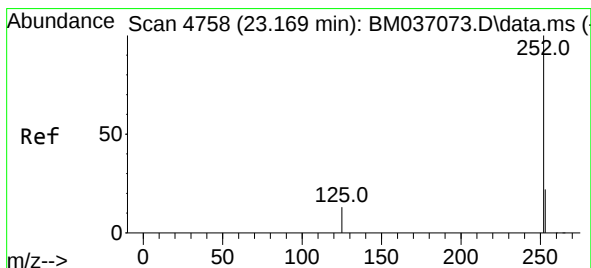
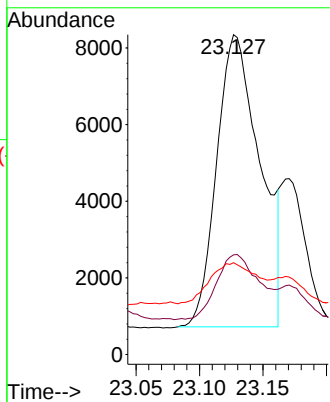
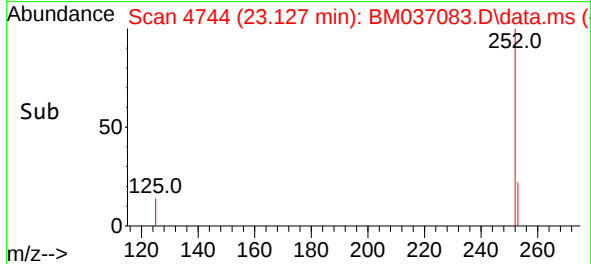
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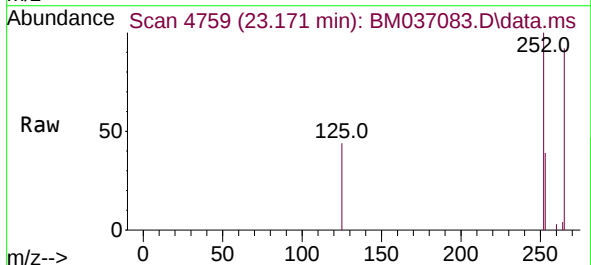
Tgt Ion:252 Resp: 1814
Ion Ratio Lower Upper
252 100
253 31.2 0.0 61.4
125 28.7 0.0 42.6

Manual Integrations
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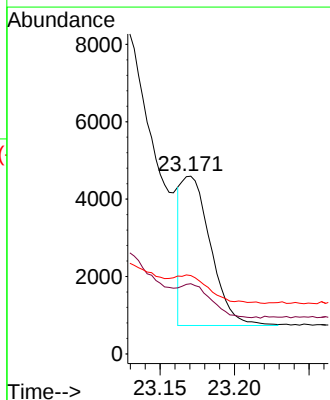
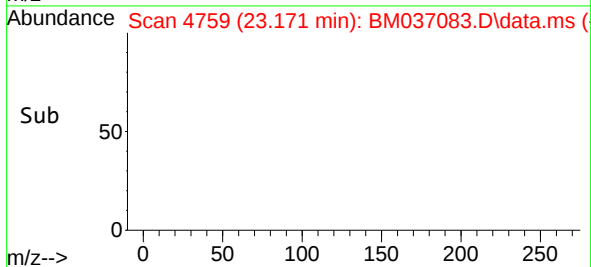
Reviewed By :Jagrut Upadhyay 10/17/2022
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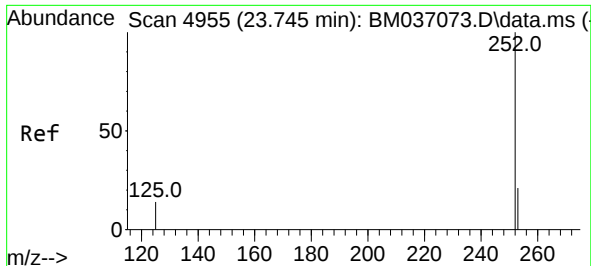


#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 23.171 min Scan# 4759
Delta R.T. 0.002 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13



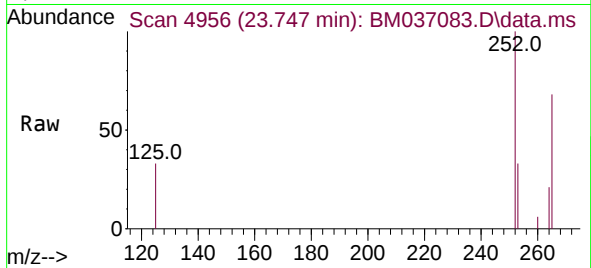
Tgt Ion:252 Resp: 5293
Ion Ratio Lower Upper
252 100
253 39.5 25.2 37.8#
125 44.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.230 ng/ul
RT: 23.747 min Scan# 4955
Delta R.T. 0.002 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

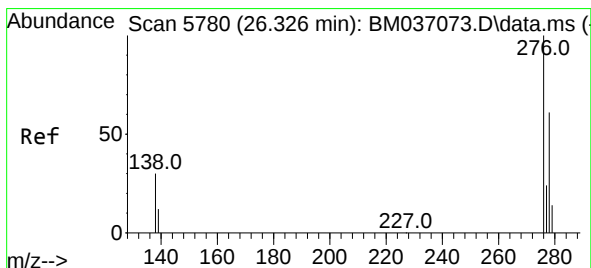
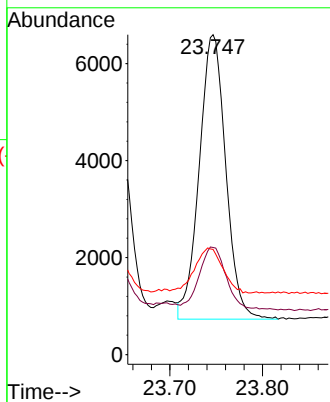
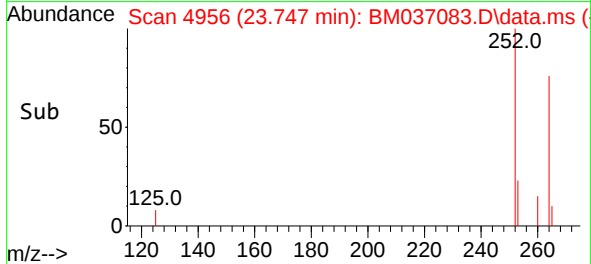
Instrument :
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ClientSampleId :
C0BG3DL



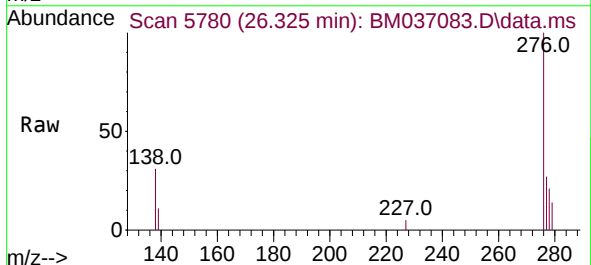
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Ion Ratio Lower Upper
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125 32.9 23.6 35.4

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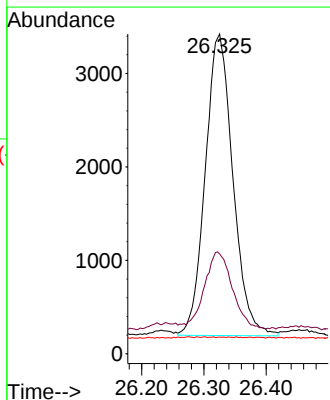
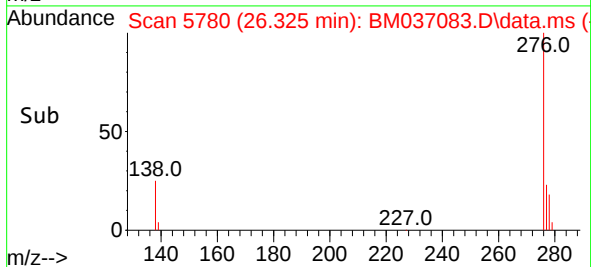
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

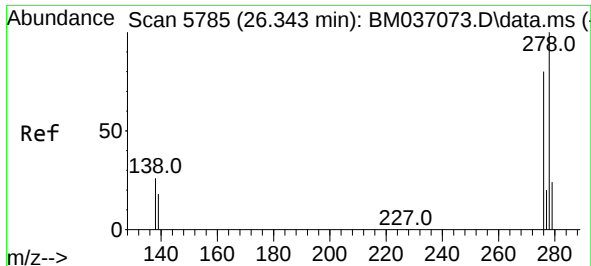


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.139 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13



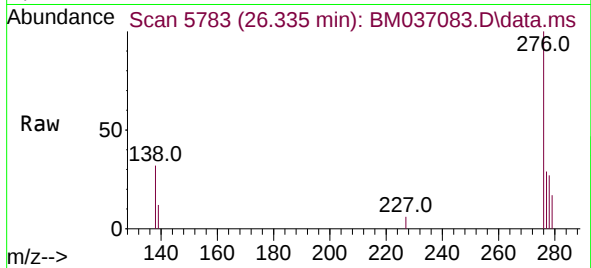
Tgt Ion:276 Resp: 9948
Ion Ratio Lower Upper
276 100
138 25.6 23.9 35.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 26.335 min Scan# 5785
Delta R.T. -0.008 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13

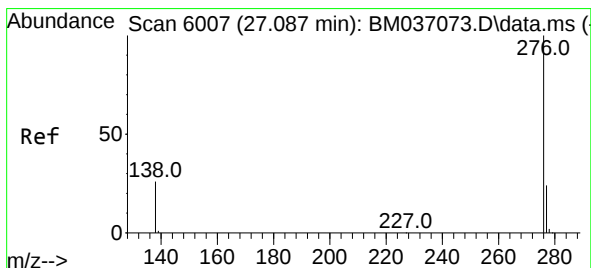
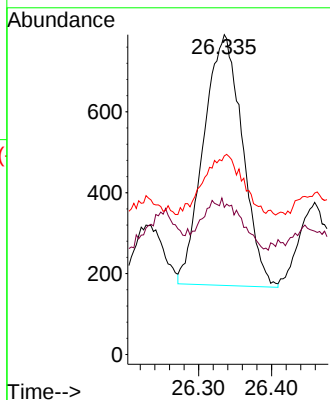
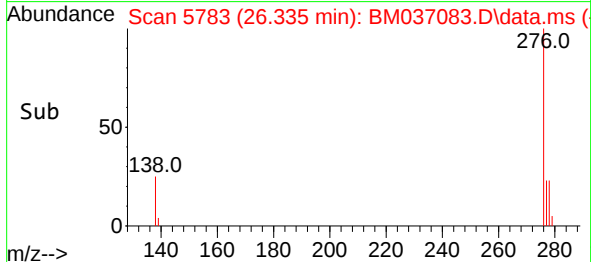
Instrument :
BNA_M
ClientSampleId :
C0BG3DL



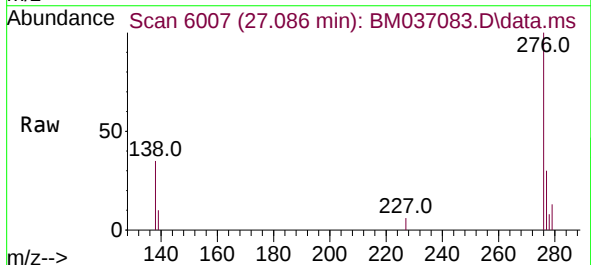
Tgt Ion:278 Resp: 2286
Ion Ratio Lower Upper
278 100
139 46.0 19.8 29.6
279 62.1 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.135 ng/ul
RT: 27.086 min Scan# 6007
Delta R.T. -0.001 min
Lab File: BM037083.D
Acq: 15 Oct 2022 09:13



Tgt Ion:276 Resp: 8491
Ion Ratio Lower Upper
276 100
138 35.1 23.4 35.0#
277 29.7 21.0 31.4

