

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037063.D
 Acq On : 14 Oct 2022 20:53
 Operator : CG/JU
 Sample : N5025-06DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD9DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 23:05:23 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	7.934	152	6181	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	22311	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.561	164	12079	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	23123	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	13545	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	10482	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	9653	1.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	2246	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	3725	0.092	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	5728	0.090	ng/ul	99
7) 2-Methylnaphthalene	12.398	142	2941	0.075	ng/ul	93
8) 1-Methylnaphthalene	12.613	142	2405	0.061	ng/ul	99
10) Acenaphthylene	14.279	152	1047	0.021	ng/ul#	76
15) Phenanthrene	17.339	178	16899	0.229	ng/ul	99
16) Anthracene	17.432	178	3381	0.055	ng/ul#	92
19) Fluoranthene	19.350	202	23896	0.444	ng/ul	99
20) Pyrene	19.712	202	20417m	0.363	ng/ul	
21) Benzo(a)anthracene	21.456	228	7960	0.163	ng/ul	98
22) Chrysene	21.506	228	7968	0.152	ng/ul	97
24) Benzo(b)fluoranthene	23.131	252	8820	0.188	ng/ul	76
25) Benzo(k)fluoranthene	23.175	252	3324m	0.073	ng/ul	
26) Benzo(a)pyrene	23.751	252	5816	0.153	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.329	276	3842	0.071	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.343	278	1020	0.023	ng/ul#	14
29) Benzo(g,h,i)perylene	27.104	276	3112	0.066	ng/ul#	81

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

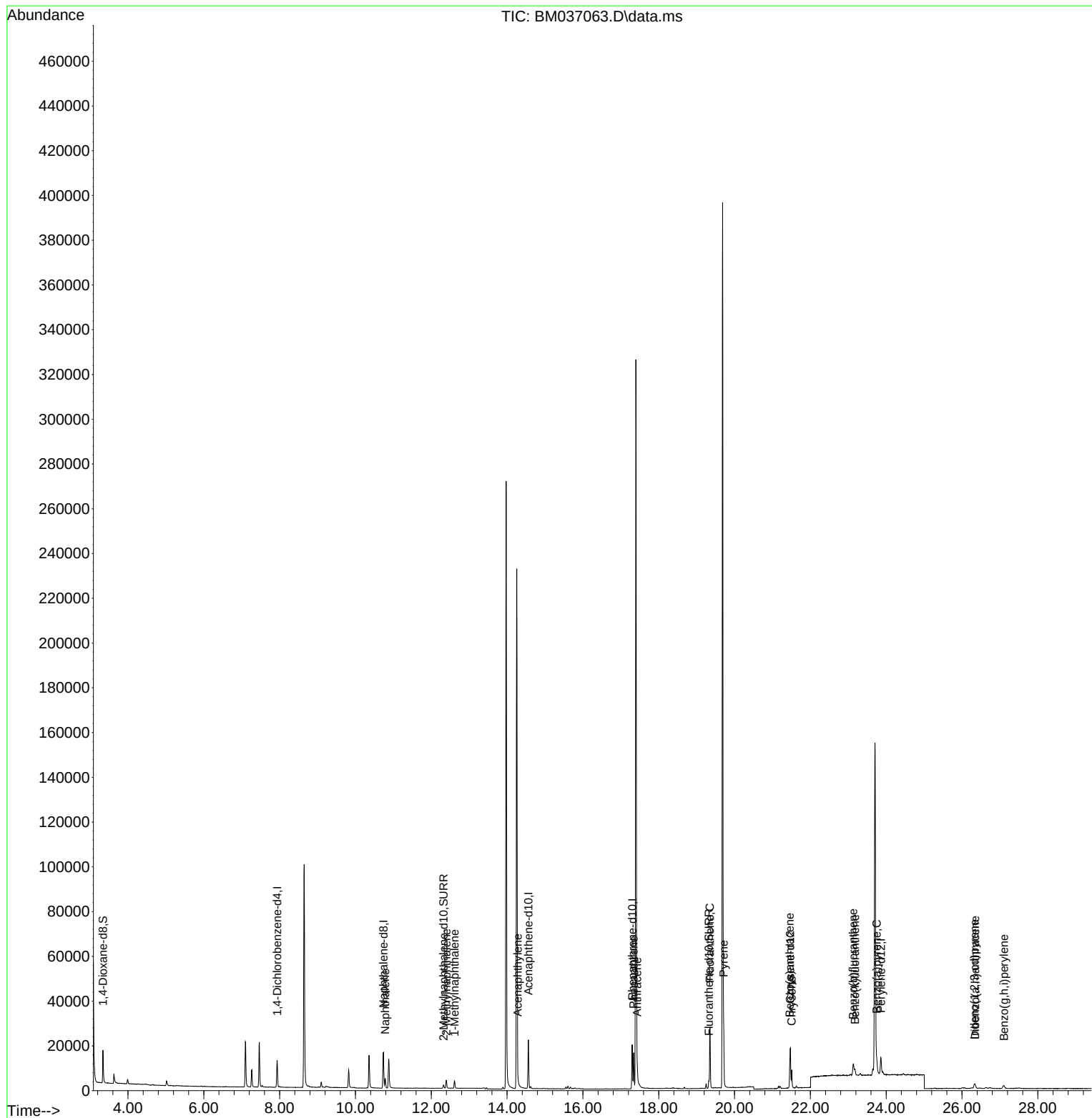
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037063.D
Acq On : 14 Oct 2022 20:53
Operator : CG/JU
Sample : N5025-06DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

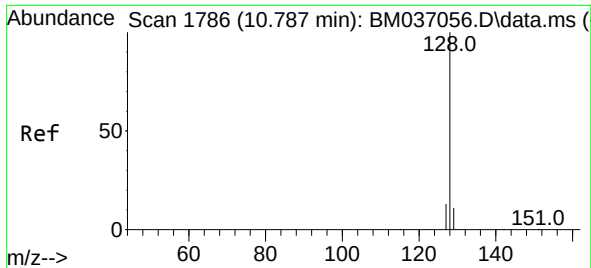
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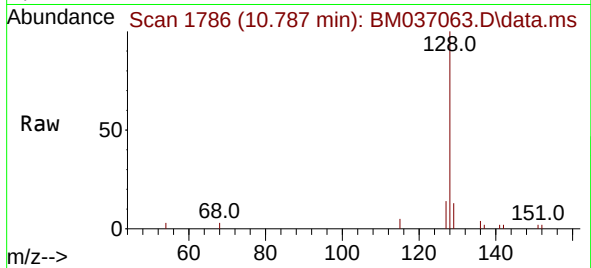
Quant Time: Oct 14 23:05:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
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#5
Naphthalene
Concen: 0.090 ng/u1
RT: 10.787 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

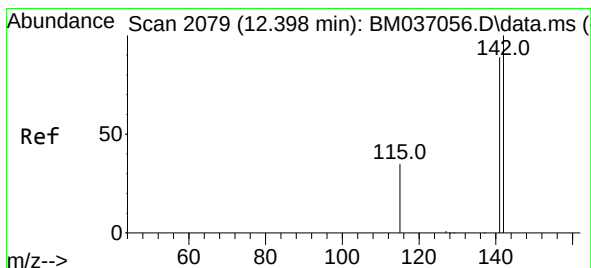
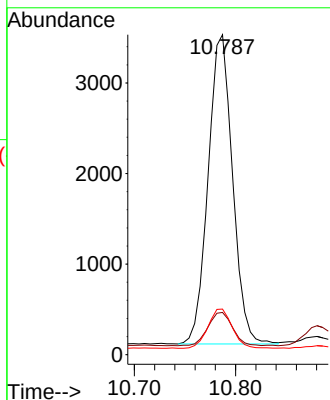
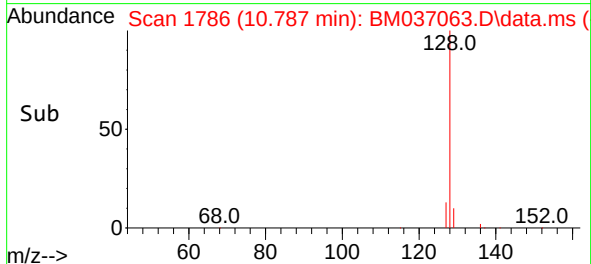
Instrument :
BNA_M
ClientSampleId :
C0BD9DL



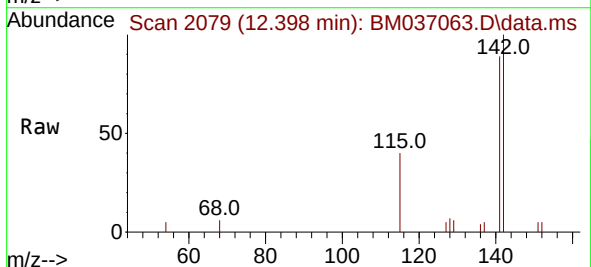
Tgt Ion:128 Resp: 5728
Ion Ratio Lower Upper
128 100
129 13.2 10.2 15.2
127 14.2 11.7 17.5

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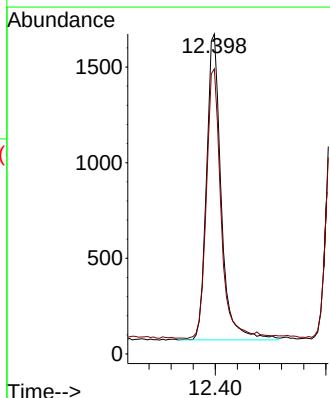
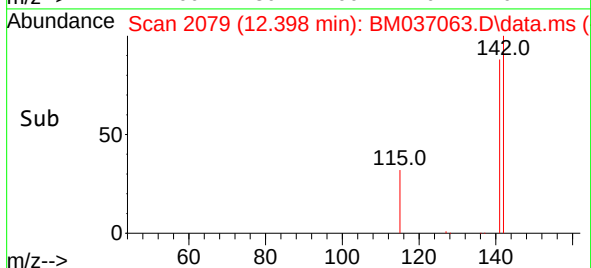
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

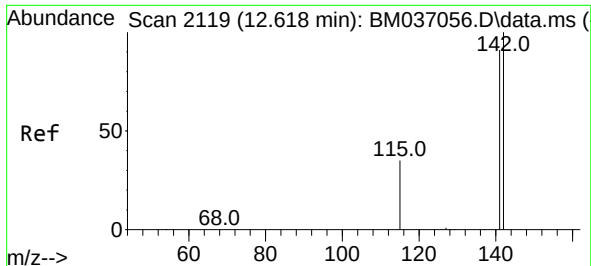


#7
2-Methylnaphthalene
Concen: 0.075 ng/u1
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53



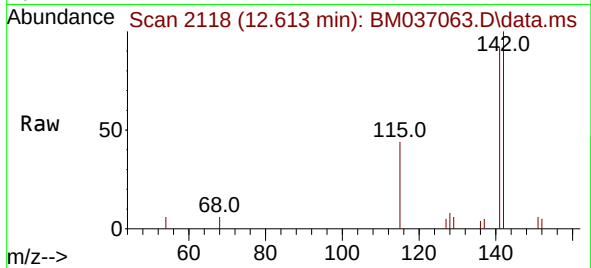
Tgt Ion:142 Resp: 2941
Ion Ratio Lower Upper
142 100
141 90.2 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

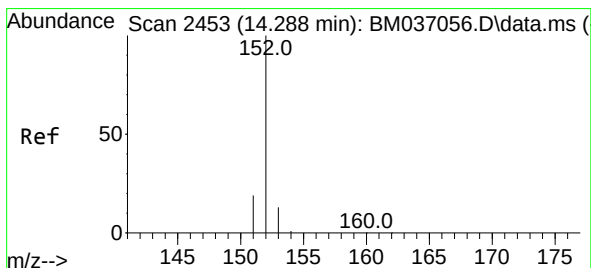
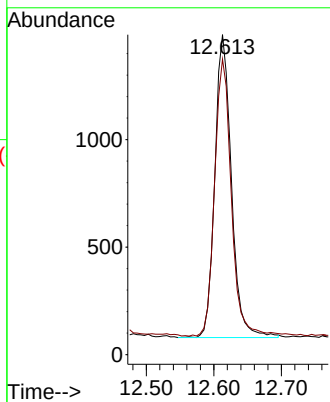
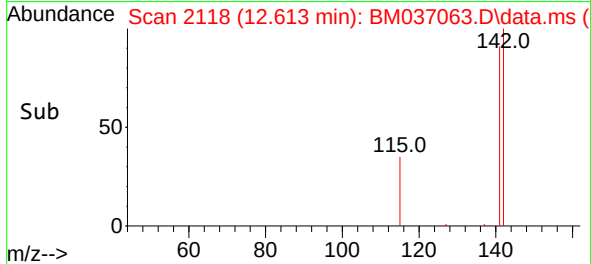
Instrument :
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Tgt Ion:142 Resp: 240
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

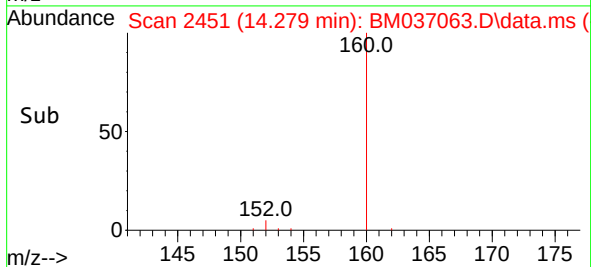
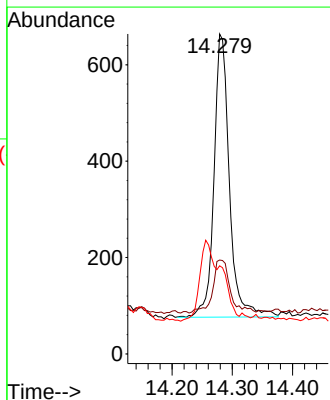
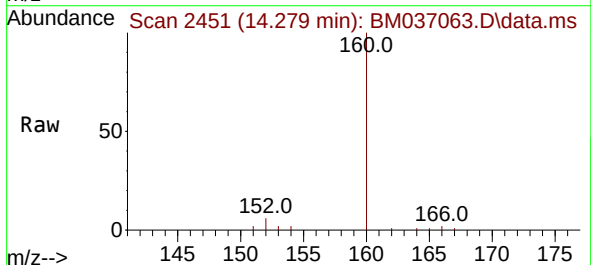
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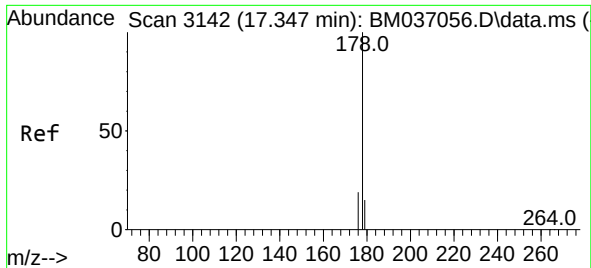
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

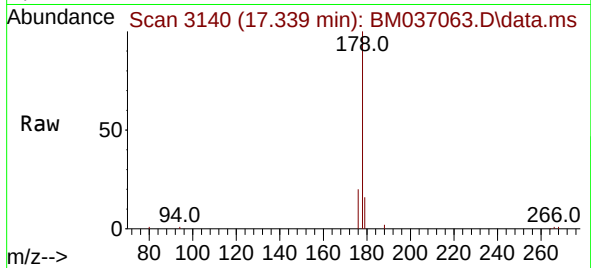
Tgt Ion:152 Resp: 1047
Ion Ratio Lower Upper
152 100
151 29.4 16.6 24.8#
153 27.6 11.4 17.0#





#15
Phenanthrene
Concen: 0.229 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

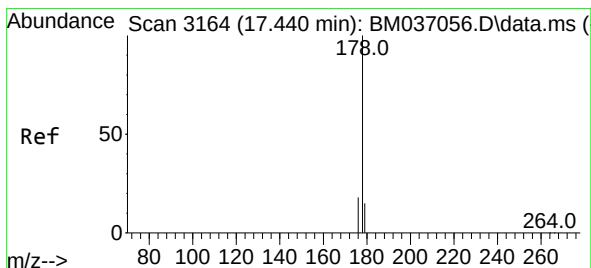
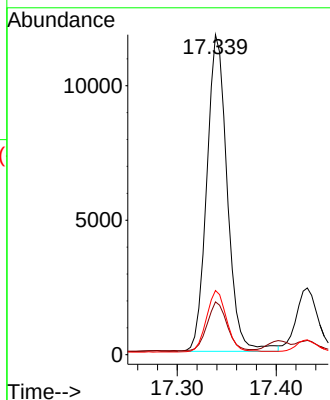
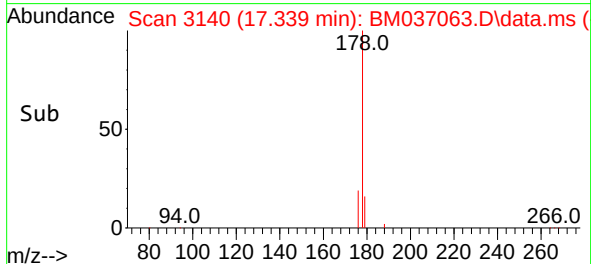
Instrument :
BNA_M
ClientSampleId :
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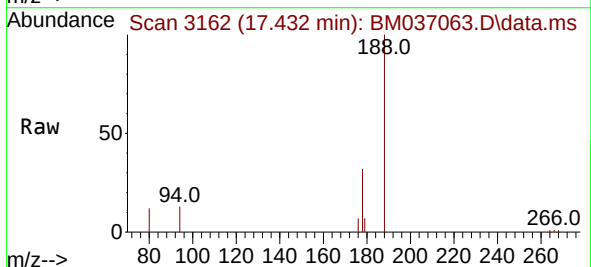
Tgt Ion:178 Resp: 1689
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.1 15.6 23.4

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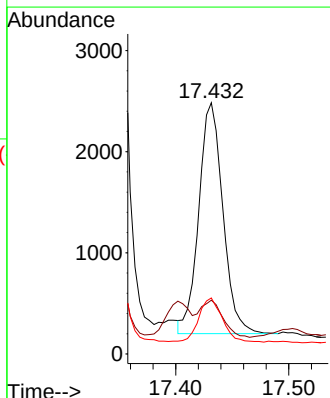
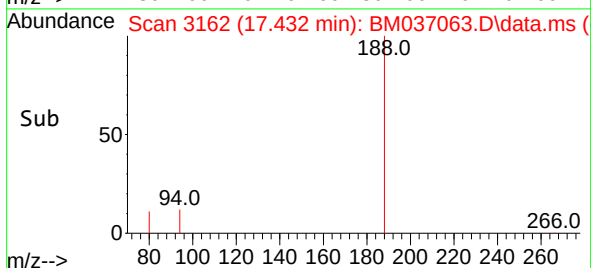
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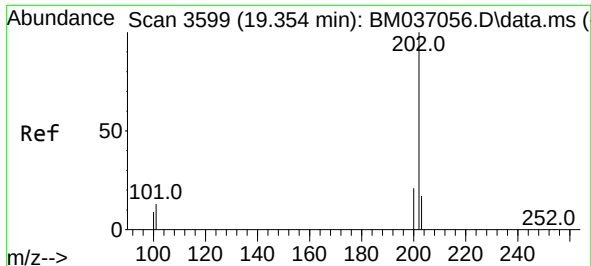


#16
Anthracene
Concen: 0.055 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53



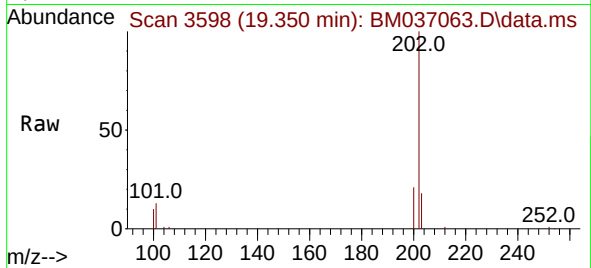
Tgt Ion:178 Resp: 3381
Ion Ratio Lower Upper
178 100
179 21.4 13.6 20.4#
176 22.3 15.6 23.4





#19
Fluoranthene
Concen: 0.444 ng/ul
RT: 19.350 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

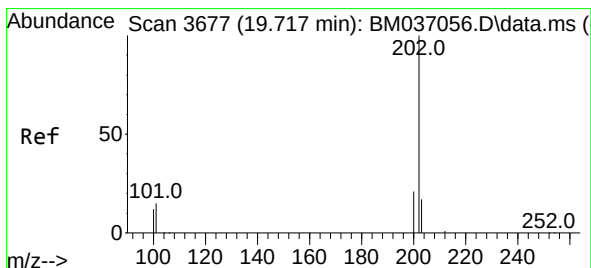
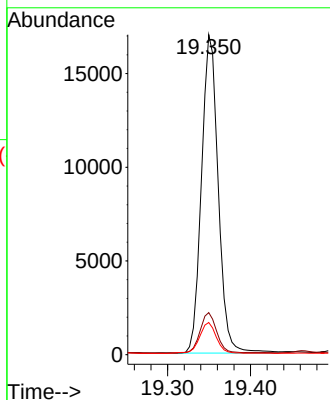
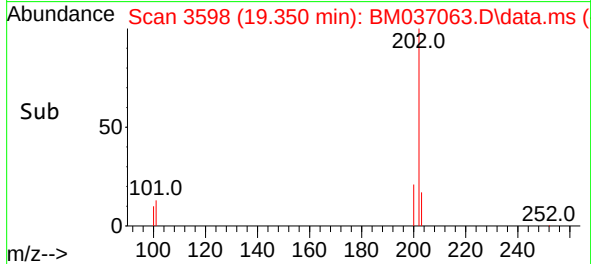
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ClientSampleId :
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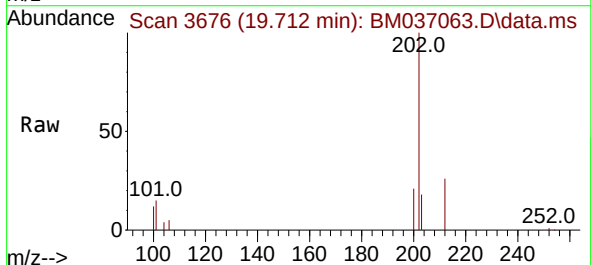
Tgt Ion:202 Resp: 23890
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 10.1 7.9 11.9

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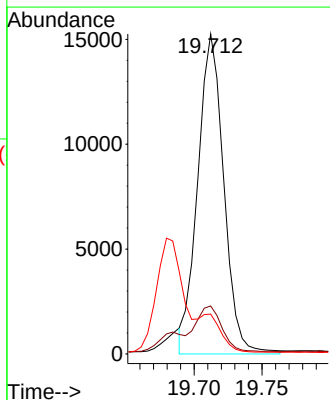
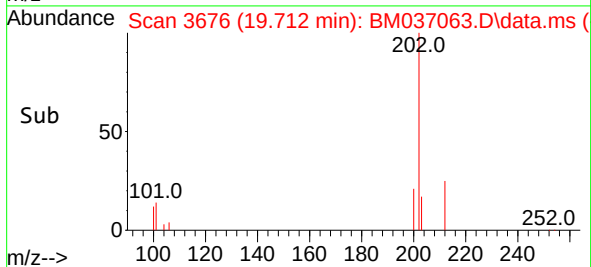
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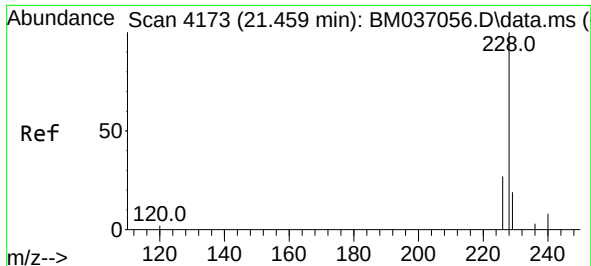


#20
Pyrene
Concen: 0.363 ng/ul m
RT: 19.712 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53



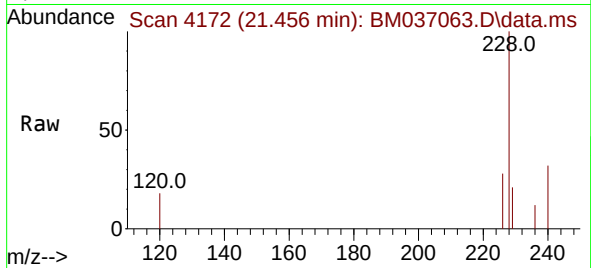
Tgt Ion:202 Resp: 20417
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.163 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

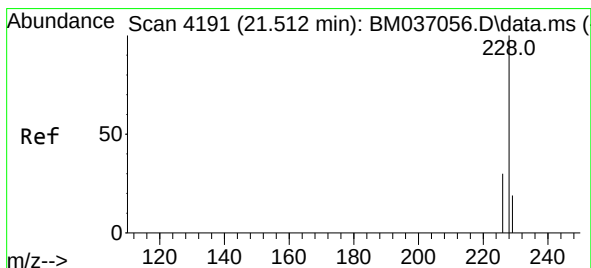
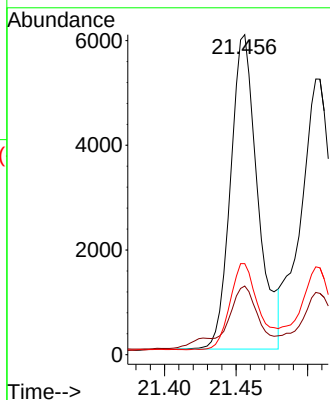
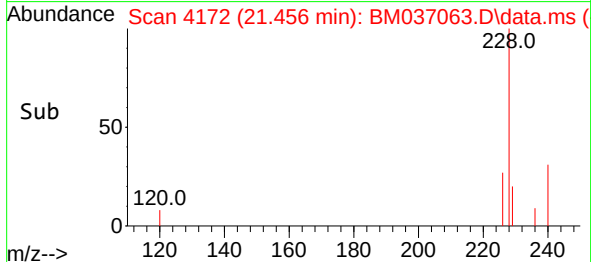
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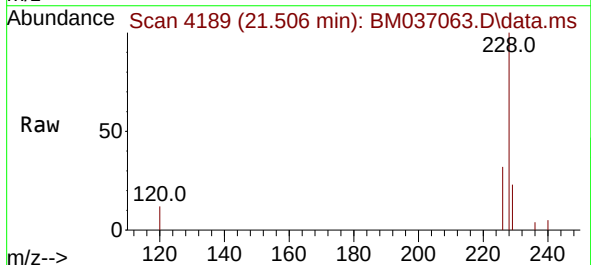
Tgt Ion:228 Resp: 7960
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 28.4 22.5 33.7

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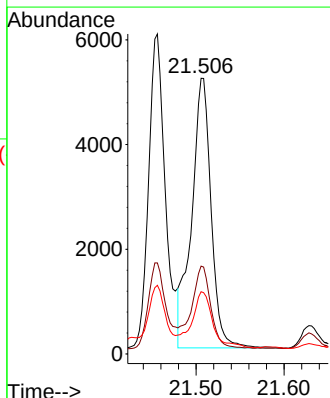
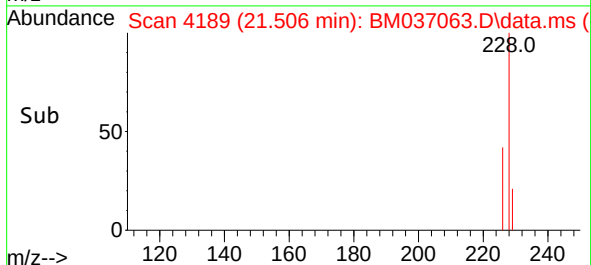
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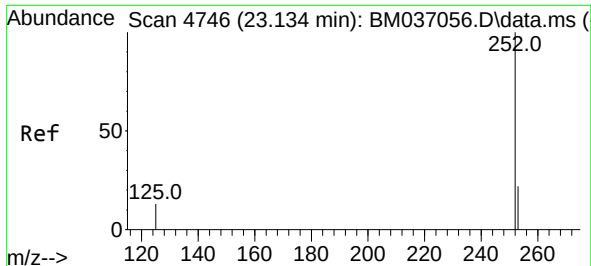


#22
Chrysene
Concen: 0.152 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53



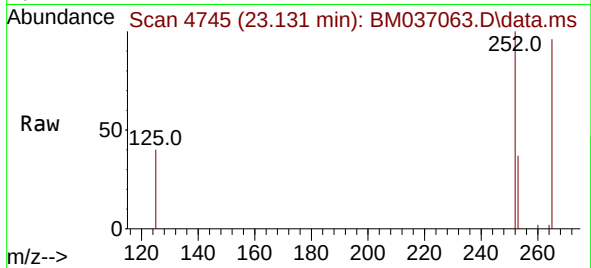
Tgt Ion:228 Resp: 7968
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 22.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.188 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. -0.005 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

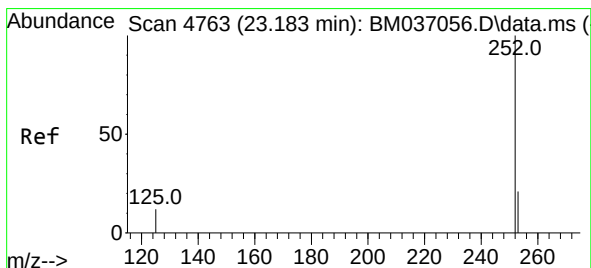
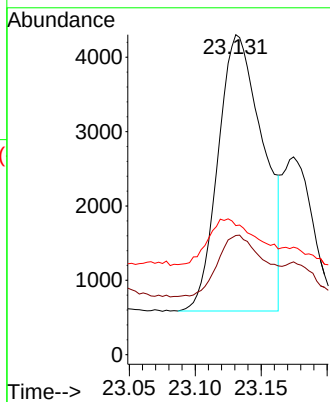
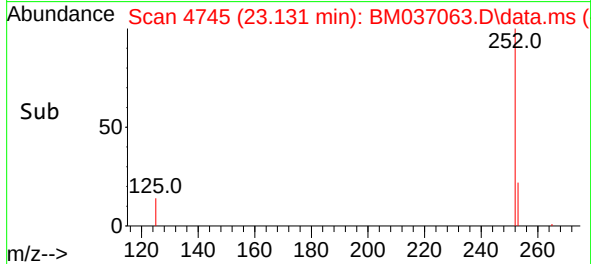
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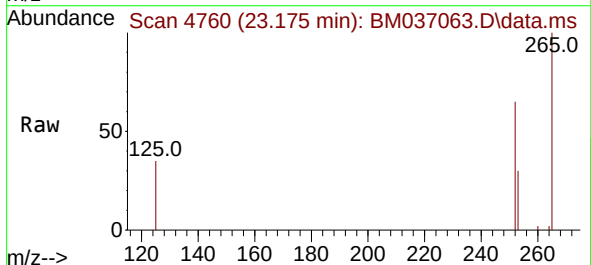
Tgt Ion:252 Resp: 8820
Ion Ratio Lower Upper
252 100
253 37.3 0.0 61.4
125 40.3 0.0 42.6

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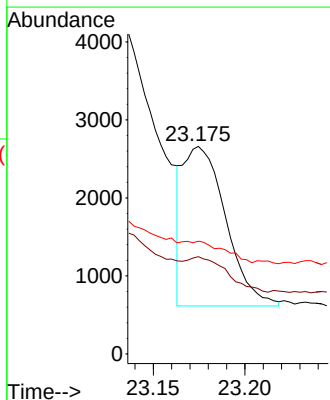
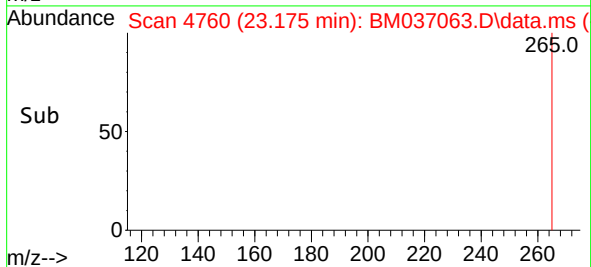
Reviewed By :Yogesh Patel 10/15/2022
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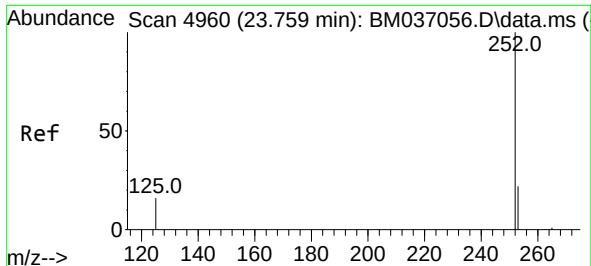


#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.175 min Scan# 4760
Delta R.T. -0.008 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53



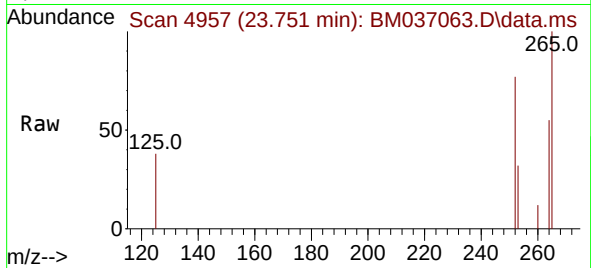
Tgt Ion:252 Resp: 3324
Ion Ratio Lower Upper
252 100
253 46.9 25.2 37.8#
125 54.3 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.153 ng/ul
RT: 23.751 min Scan# 4957
Delta R.T. -0.008 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

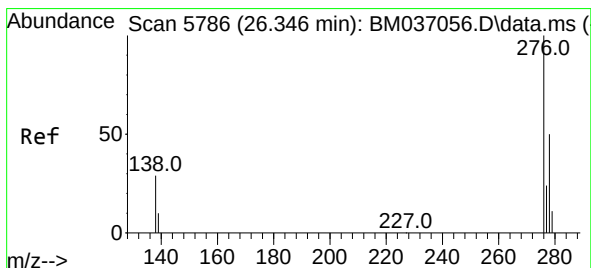
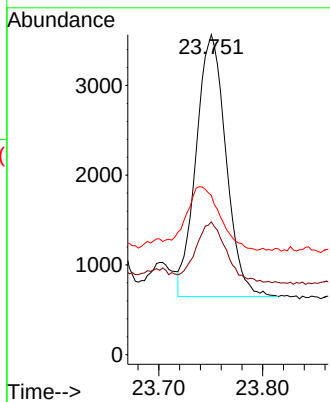
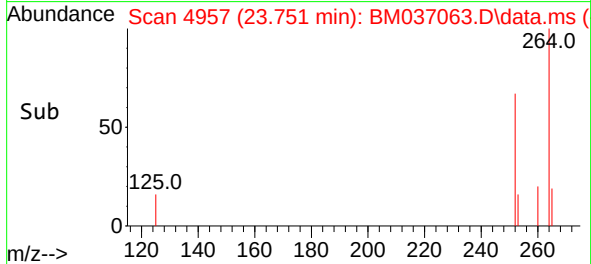
Instrument :
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ClientSampleId :
C0BD9DL



Tgt Ion:252 Resp: 5810
Ion Ratio Lower Upper
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253 41.5 29.7 44.5
125 49.8 23.6 35.4

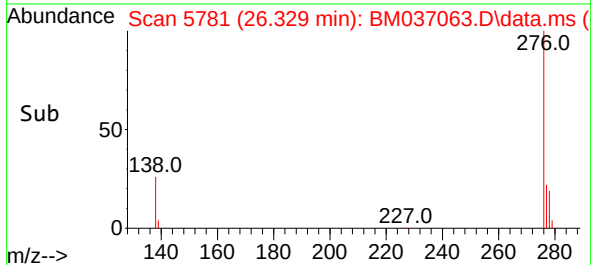
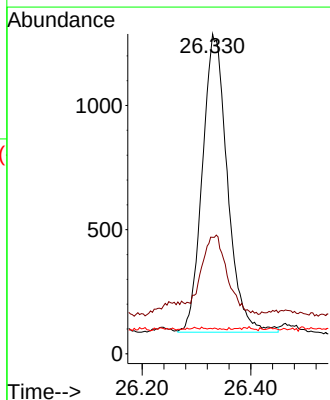
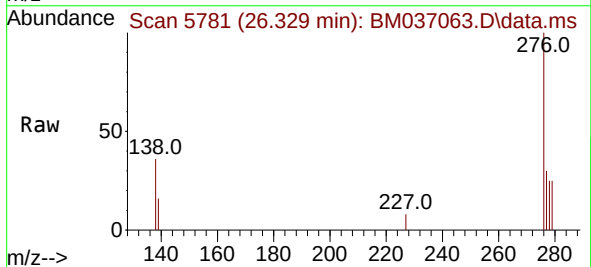
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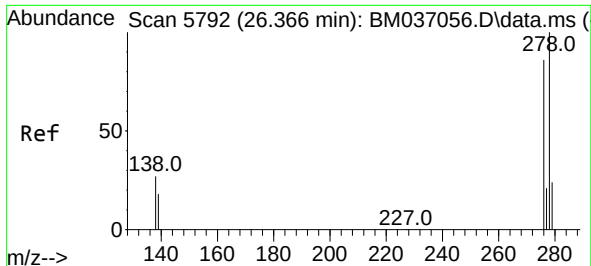
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.012 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

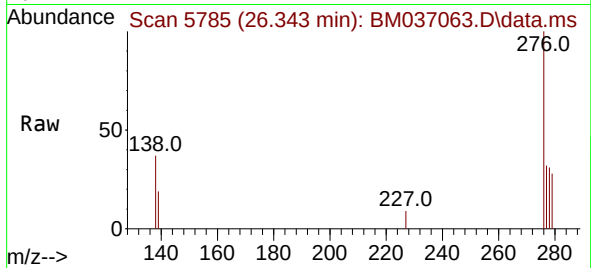
Tgt Ion:276 Resp: 3842
Ion Ratio Lower Upper
276 100
138 27.1 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53

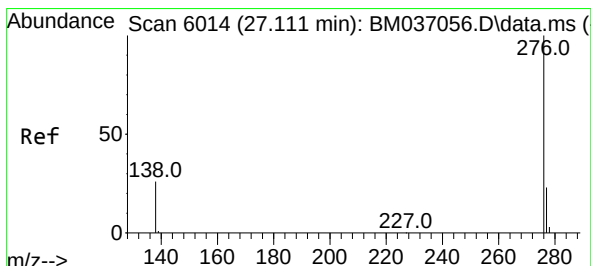
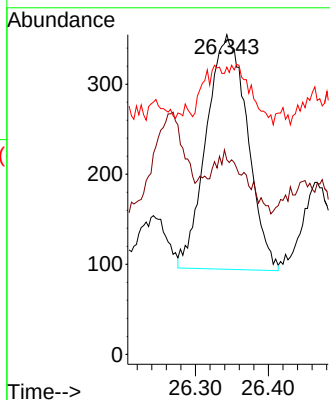
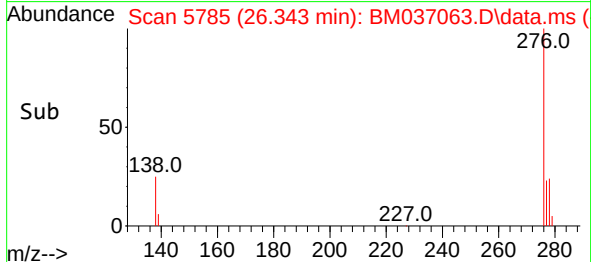
Instrument :
BNA_M
ClientSampleId :
C0BD9DL



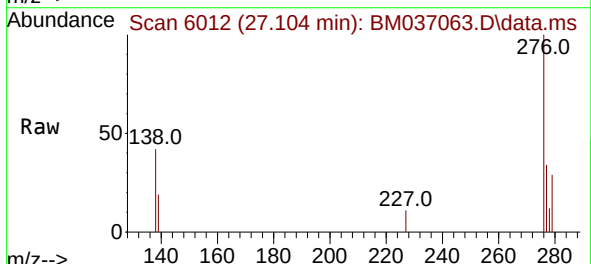
Tgt Ion:278 Resp: 1020
Ion Ratio Lower Upper
278 100
139 60.8 19.8 29.6
279 89.9 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 27.104 min Scan# 6012
Delta R.T. -0.002 min
Lab File: BM037063.D
Acq: 14 Oct 2022 20:53



Tgt Ion:276 Resp: 3112
Ion Ratio Lower Upper
276 100
138 41.5 23.4 35.0#
277 34.0 21.0 31.4#

