

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037078.D
 Acq On : 15 Oct 2022 06:17
 Operator : CG/JU
 Sample : N5049-12
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP8

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 00:53:33 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	7.926	152	5627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	20110	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	10803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	21755	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	16262	0.400	ng/ul	0.00
23) Perylene-d12	23.849	264	13027	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	30228	3.809	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	8600	0.283	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	16555	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	3925	0.068	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	3317	0.094	ng/ul	94
8) 1-Methylnaphthalene	12.607	142	2611	0.073	ng/ul	100
10) Acenaphthylene	14.275	152	2868	0.064	ng/ul#	87
15) Phenanthrene	17.335	178	10012	0.144	ng/ul	98
16) Anthracene	17.428	178	2272	0.039	ng/ul#	88
19) Fluoranthene	19.346	202	23143	0.358	ng/ul#	79
20) Pyrene	19.708	202	19871m	0.295	ng/ul	
21) Benzo(a)anthracene	21.449	228	9477	0.161	ng/ul	92
22) Chrysene	21.502	228	11062	0.175	ng/ul	95
24) Benzo(b)fluoranthene	23.124	252	14719	0.253	ng/ul#	76
25) Benzo(k)fluoranthene	23.168	252	5333m	0.094	ng/ul	
26) Benzo(a)pyrene	23.744	252	8324	0.176	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.319	276	6223	0.093	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.332	278	1581	0.029	ng/ul#	33
29) Benzo(g,h,i)perylene	27.087	276	5035	0.085	ng/ul#	82

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

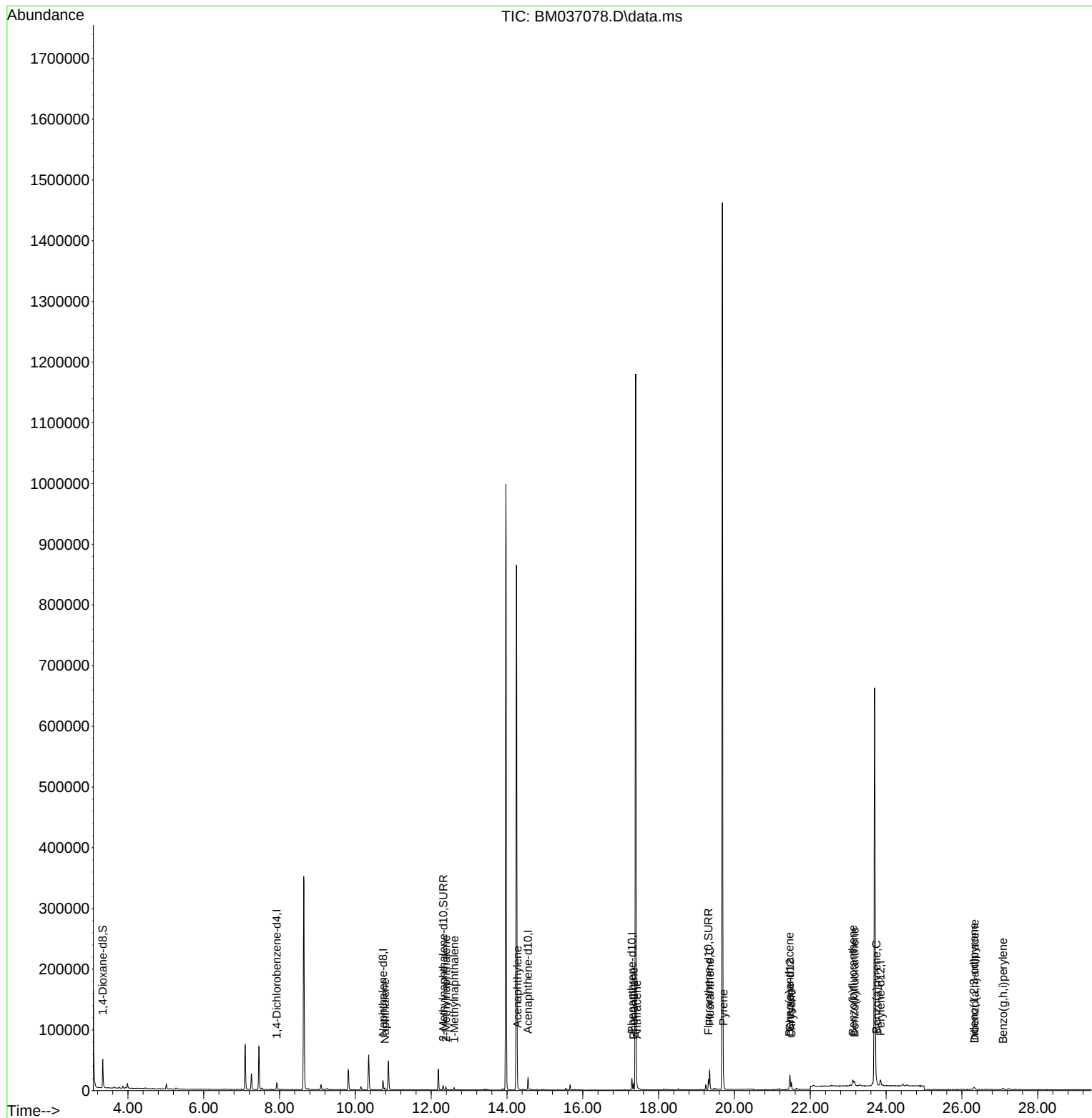
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037078.D
Acq On : 15 Oct 2022 06:17
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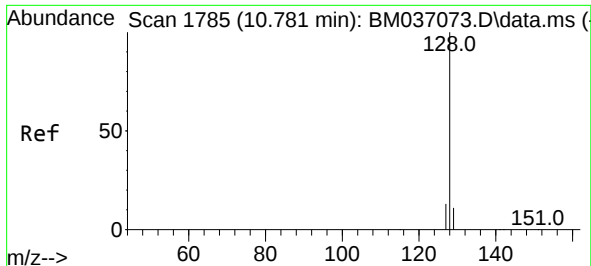
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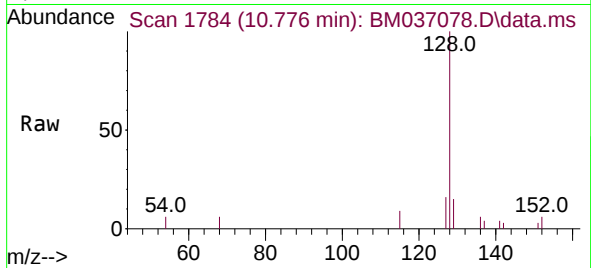
Quant Time: Oct 17 00:53:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.776 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

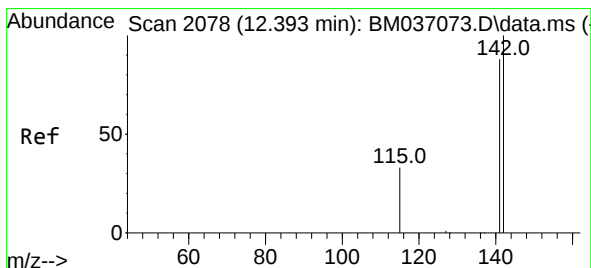
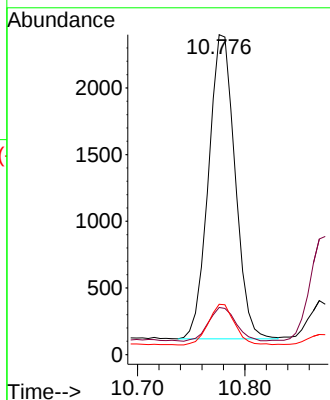
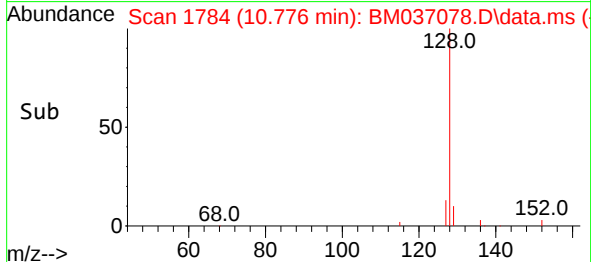
Instrument :
BNA_M
ClientSampleId :
C0BP8



Tgt Ion:128 Resp: 3925
Ion Ratio Lower Upper
128 100
129 14.7 10.2 15.2
127 15.8 11.7 17.5

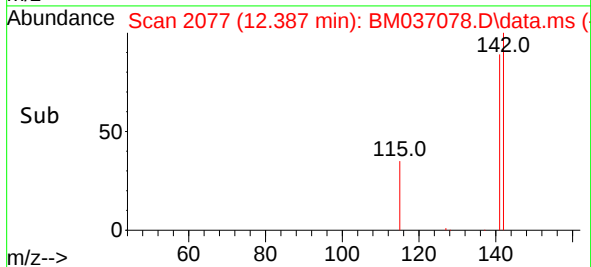
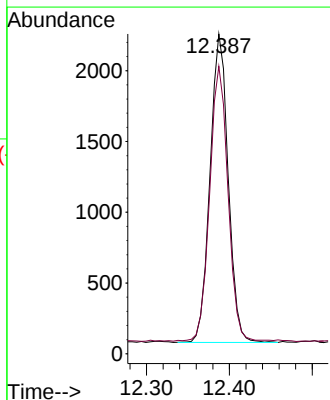
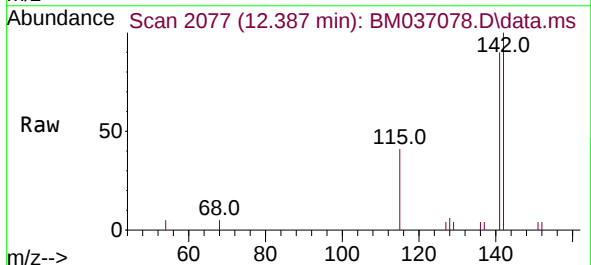
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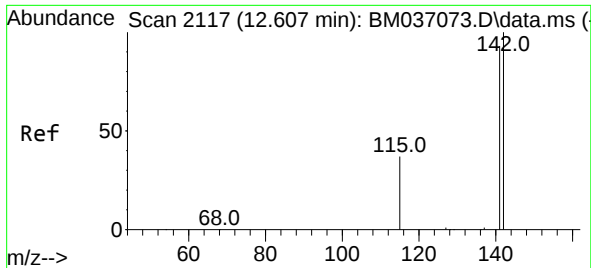
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

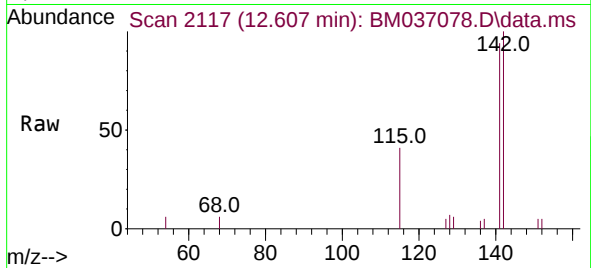
Tgt Ion:142 Resp: 3317
Ion Ratio Lower Upper
142 100
141 90.5 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

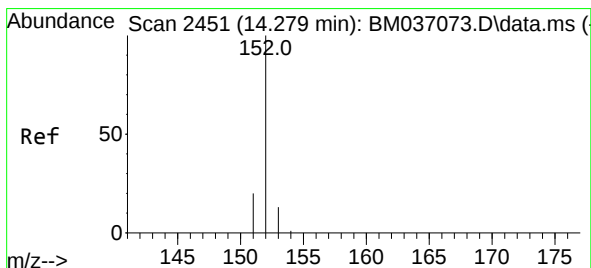
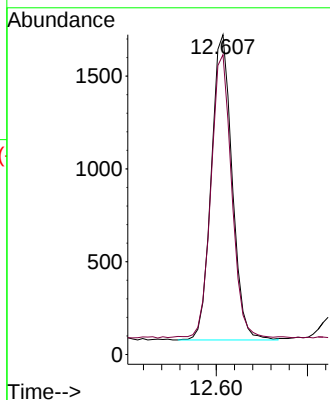
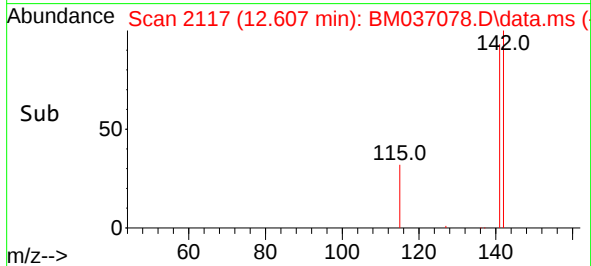
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 2611
Ion Ratio Lower Upper
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141 92.3 74.1 111.1

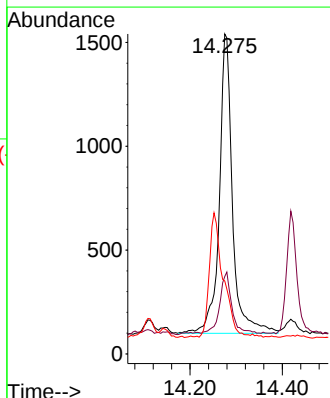
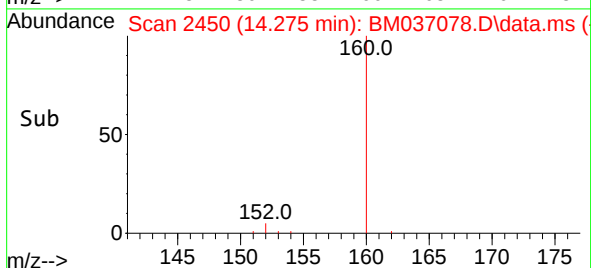
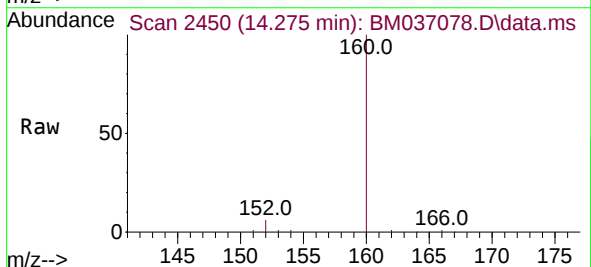
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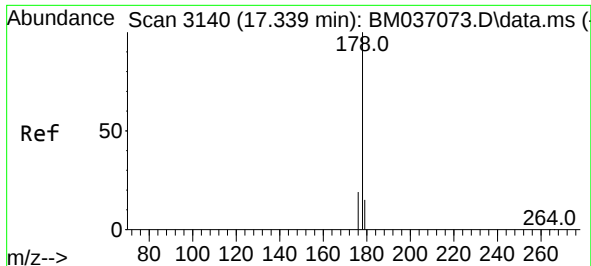
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

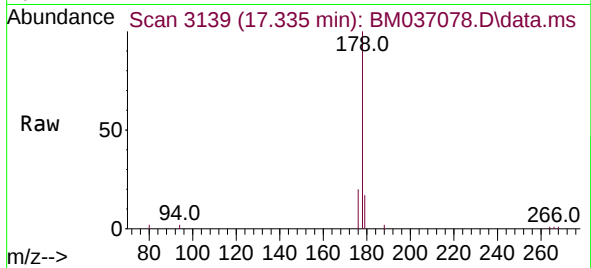
Tgt Ion:152 Resp: 2868
Ion Ratio Lower Upper
152 100
151 24.2 16.6 24.8
153 22.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.144 ng/ul
RT: 17.335 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

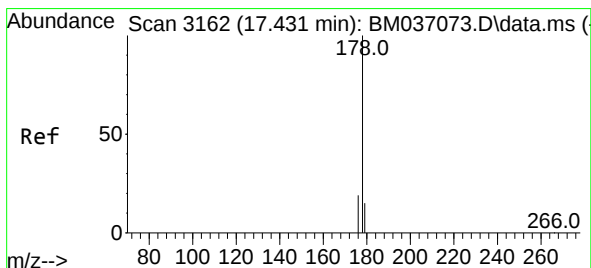
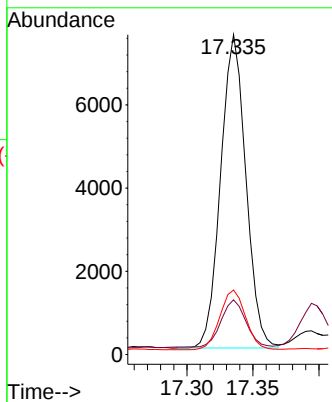
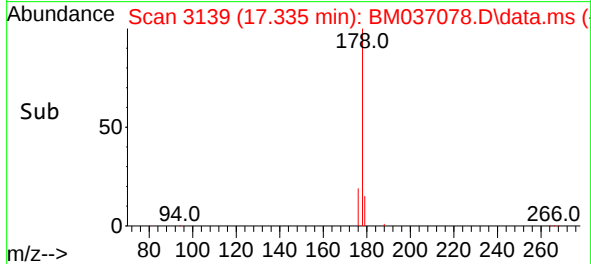
Instrument :
BNA_M
ClientSampleId :
C0BP8



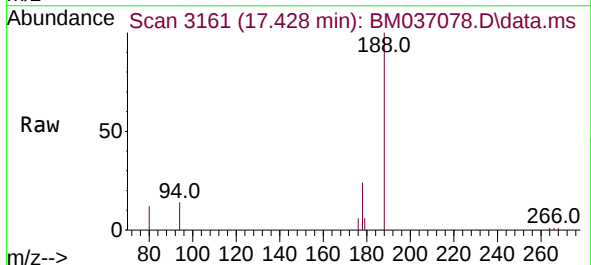
Tgt Ion:178 Resp: 10012
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 20.2 15.6 23.4

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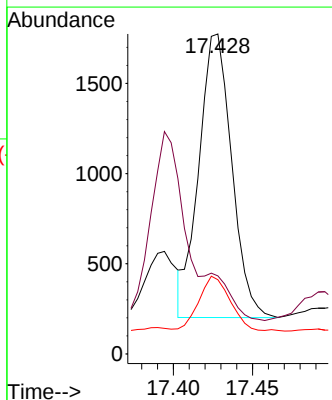
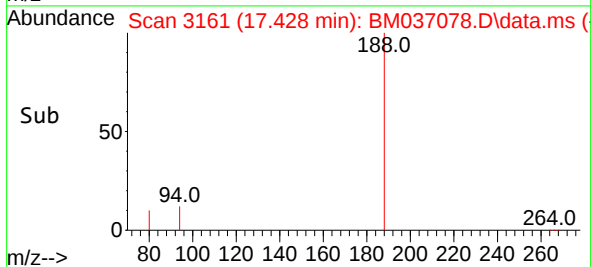
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

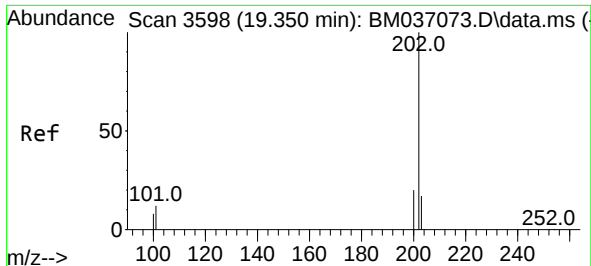


#16
Anthracene
Concen: 0.039 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17



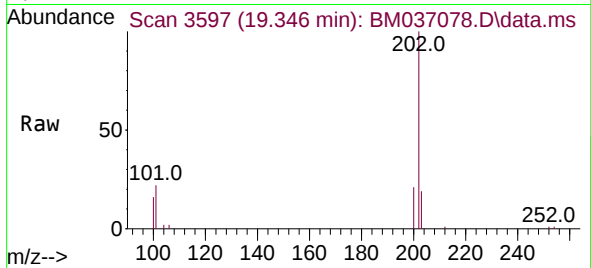
Tgt Ion:178 Resp: 2272
Ion Ratio Lower Upper
178 100
179 24.4 13.6 20.4#
176 23.2 15.6 23.4





#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. -0.004 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

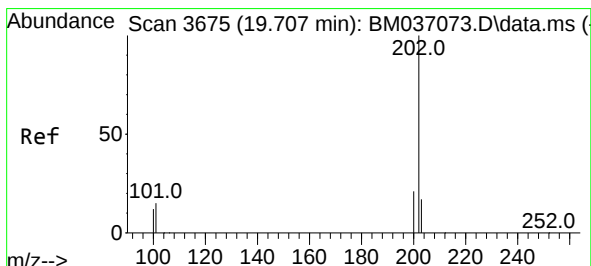
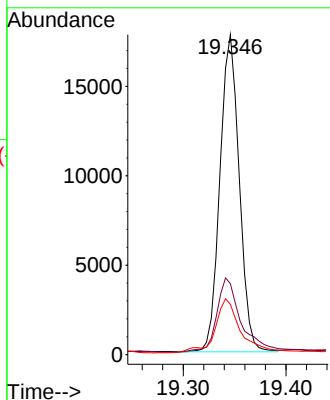
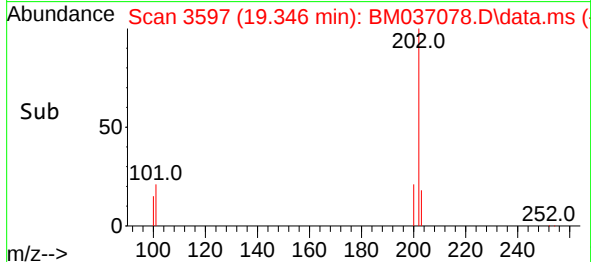
Instrument :
BNA_M
ClientSampleId :
C0BP8



Tgt Ion:202 Resp: 23143
Ion Ratio Lower Upper
202 100
101 22.2 10.1 15.1
100 15.7 7.9 11.9

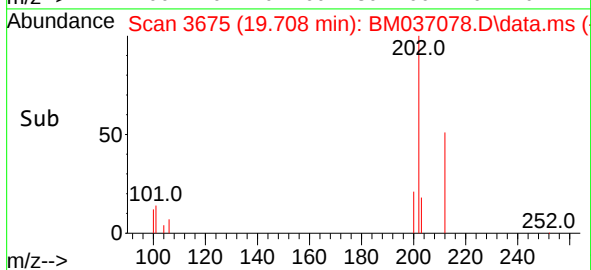
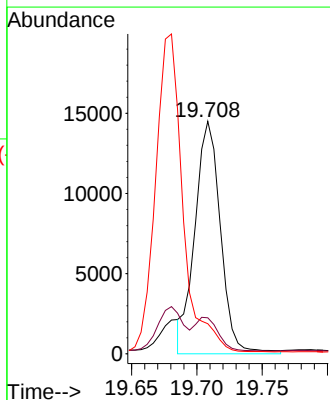
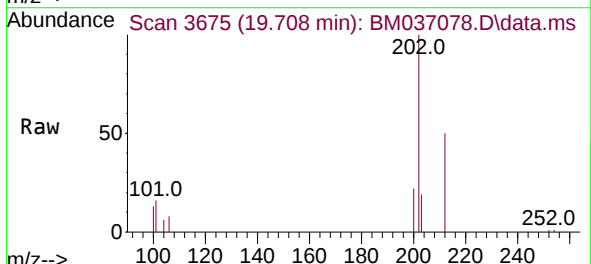
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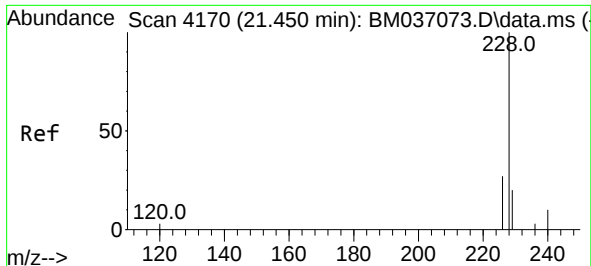
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
Pyrene
Concen: 0.295 ng/ul m
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

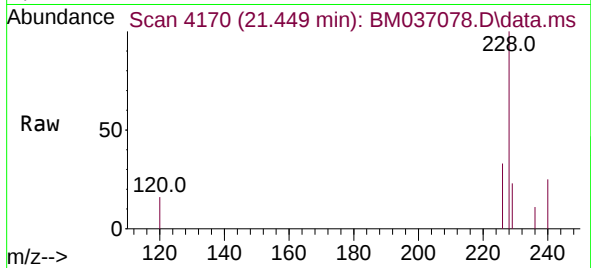
Tgt Ion:202 Resp: 19871
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.161 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

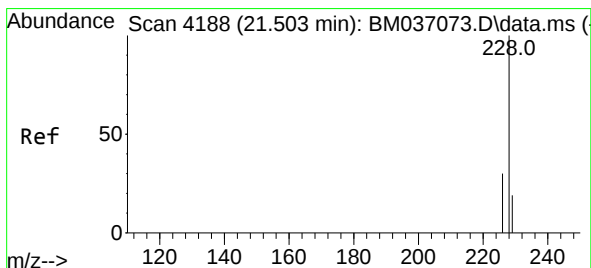
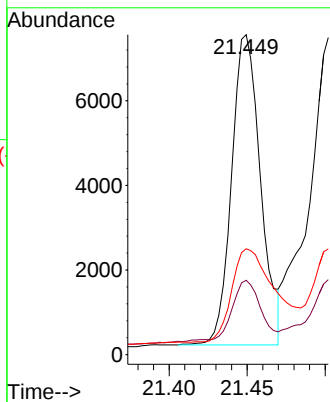
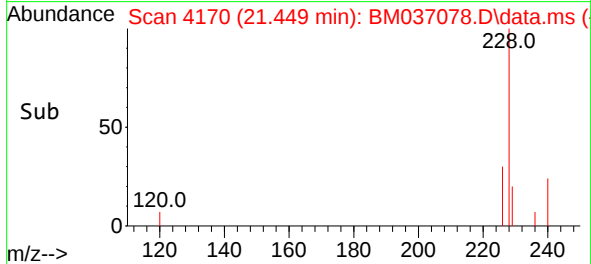
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ClientSampleId :
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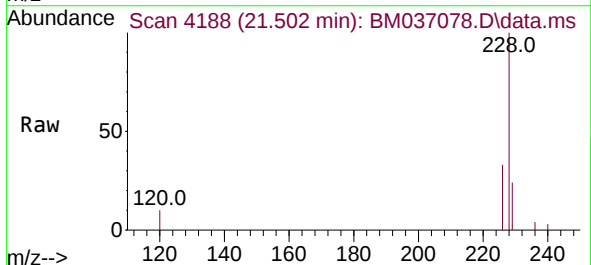
Tgt Ion:228 Resp: 9472
Ion Ratio Lower Upper
228 100
229 23.2 16.2 24.2
226 33.1 22.5 33.7

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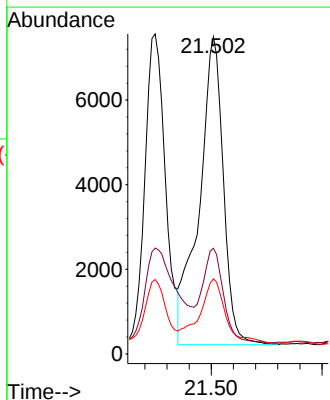
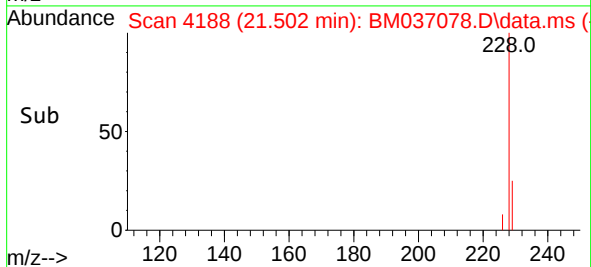
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Supervised By :mohammad ahmed 10/18/2022

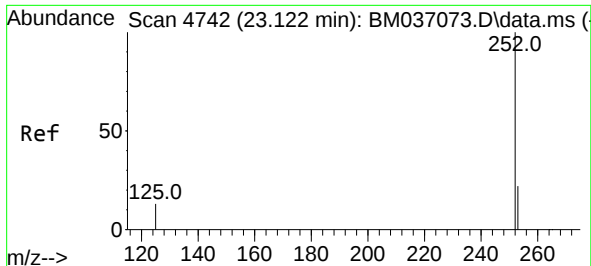


#22
Chrysene
Concen: 0.175 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17



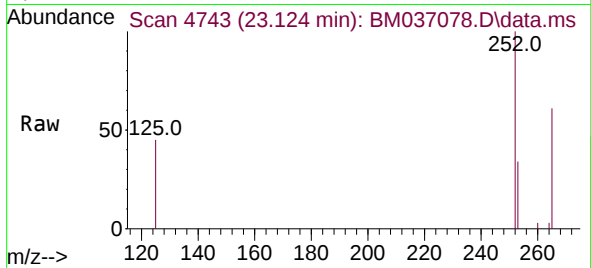
Tgt Ion:228 Resp: 11062
Ion Ratio Lower Upper
228 100
226 33.3 24.6 37.0
229 23.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.253 ng/ul
RT: 23.124 min Scan# 4742
Delta R.T. 0.002 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

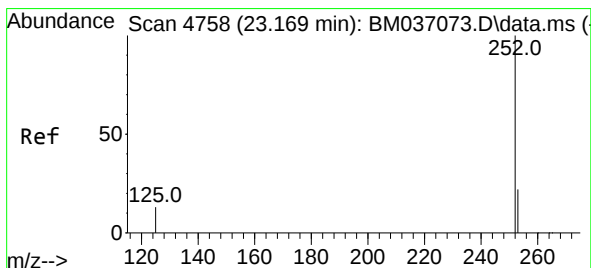
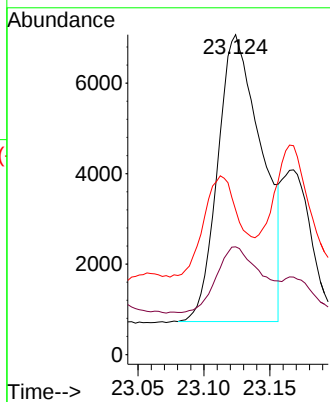
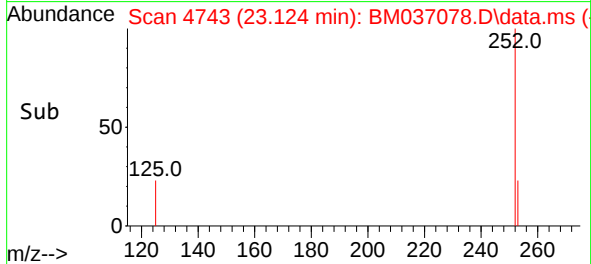
Instrument :
BNA_M
ClientSampleId :
C0BP8



Tgt Ion:252 Resp: 14719
Ion Ratio Lower Upper
252 100
253 33.7 0.0 61.4
125 45.2 0.0 42.6

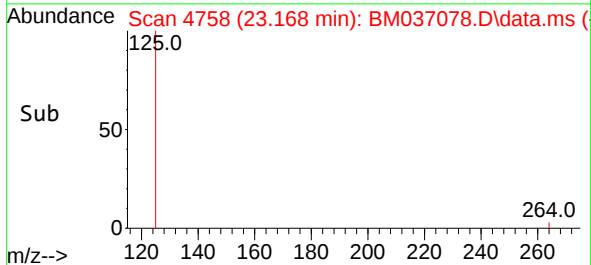
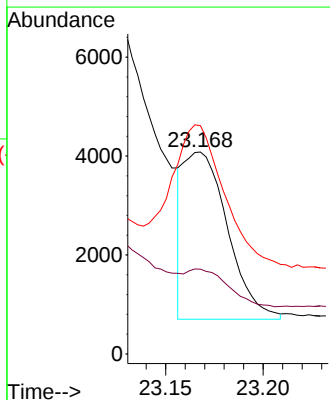
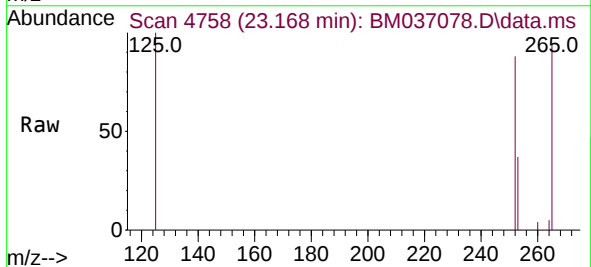
Manual Integrations
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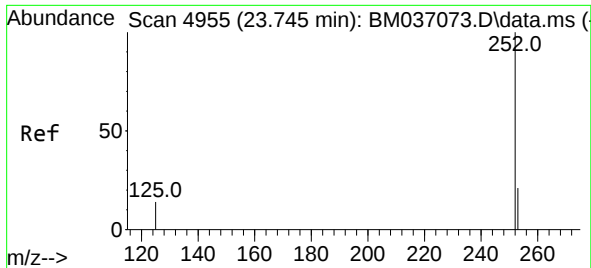
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 23.168 min Scan# 4758
Delta R.T. -0.001 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

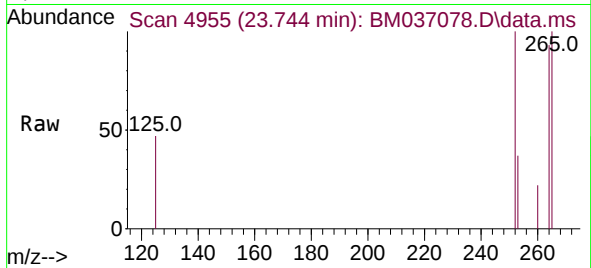
Tgt Ion:252 Resp: 5333
Ion Ratio Lower Upper
252 100
253 42.0 25.2 37.8#
125 113.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.744 min Scan# 4955
Delta R.T. -0.001 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

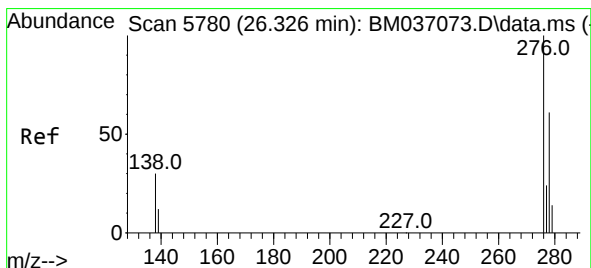
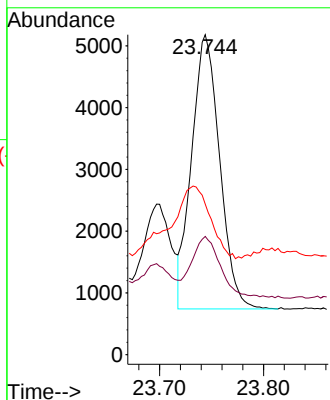
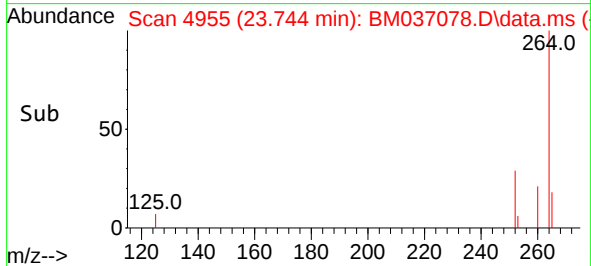
Instrument :
BNA_M
ClientSampleId :
C0BP8



Tgt Ion:252 Resp: 8324
Ion Ratio Lower Upper
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253 36.9 29.7 44.5
125 47.0 23.6 35.4

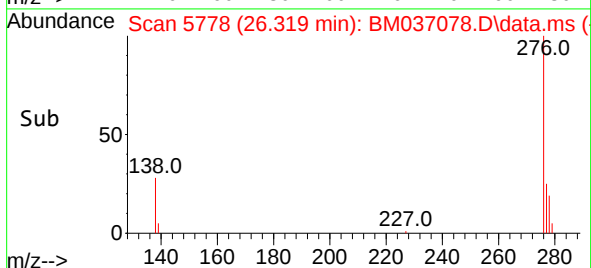
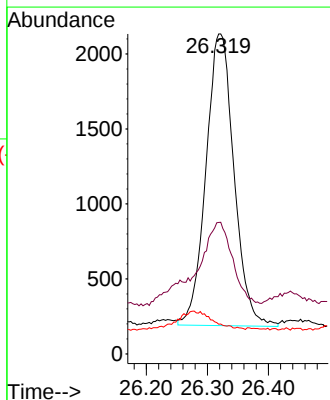
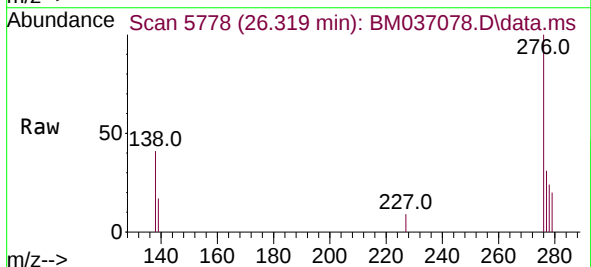
Manual Integrations
APPROVED

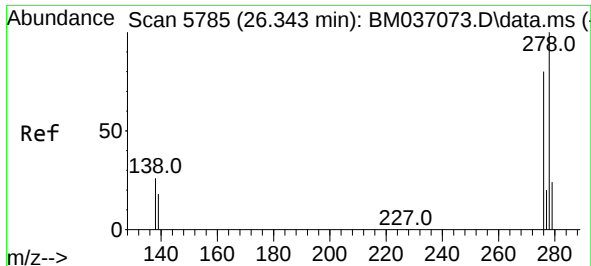
Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

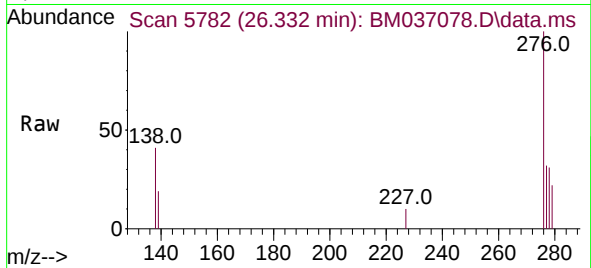
Tgt Ion:276 Resp: 6223
Ion Ratio Lower Upper
276 100
138 28.1 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.332 min Scan# 5782
Delta R.T. -0.011 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

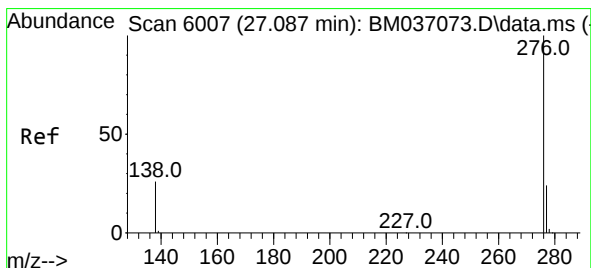
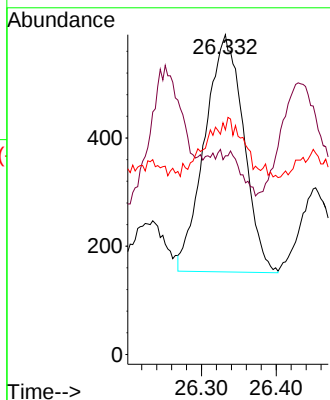
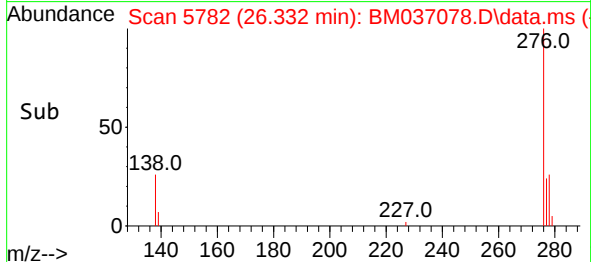
Instrument :
BNA_M
ClientSampleId :
C0BP8



Tgt Ion:278 Resp: 1583
Ion Ratio Lower Upper
278 100
139 62.1 19.8 29.6#
279 70.2 27.7 41.5#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.001 min
Lab File: BM037078.D
Acq: 15 Oct 2022 06:17

Tgt Ion:276 Resp: 5035
Ion Ratio Lower Upper
276 100
138 41.7 23.4 35.0#
277 32.1 21.0 31.4#

