

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037165.D
 Acq On : 21 Oct 2022 08:39
 Operator : CG/JU
 Sample : N5015-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C1BF0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 02:30:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.705	136	16314	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.533	164	10255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	22272	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	18752	0.400	ng/ul	# 0.00
23) Perylene-d12	23.824	264	15897	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	56351	9.174	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	13344	0.575	ng/ul	-0.01
18) Fluoranthene-d10	19.294	212	38441	0.678	ng/ul	0.00
Target Compounds						
7) 2-Methylnaphthalene	12.365	142	607	0.021	ng/ul	Qvalue 91
8) 1-Methylnaphthalene	12.580	142	612	0.021	ng/ul#	75
10) Acenaphthylene	14.256	152	13412	0.304	ng/ul	99
12) Fluorene	15.579	166	2595	0.056	ng/ul#	96
15) Phenanthrene	17.313	178	49997	0.665	ng/ul	99
16) Anthracene	17.406	178	8366	0.140	ng/ul	97
19) Fluoranthene	19.326	202	44238	0.543	ng/ul	98
20) Pyrene	19.689	202	87370m	1.058	ng/ul	
21) Benzo(a)anthracene	21.433	228	33311	0.458	ng/ul	93
22) Chrysene	21.485	228	38332m	0.458	ng/ul	
24) Benzo(b)fluoranthene	23.102	252	19467	0.231	ng/ul	83
25) Benzo(k)fluoranthene	23.137	252	4871m	0.060	ng/ul	
26) Benzo(a)pyrene	23.718	252	17472	0.258	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.273	276	5470	0.058	ng/ul	90
28) Dibenzo(a,h)anthracene	26.289	278	1742	0.023	ng/ul#	31
29) Benzo(g,h,i)perylene	27.037	276	5202	0.063	ng/ul#	90

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

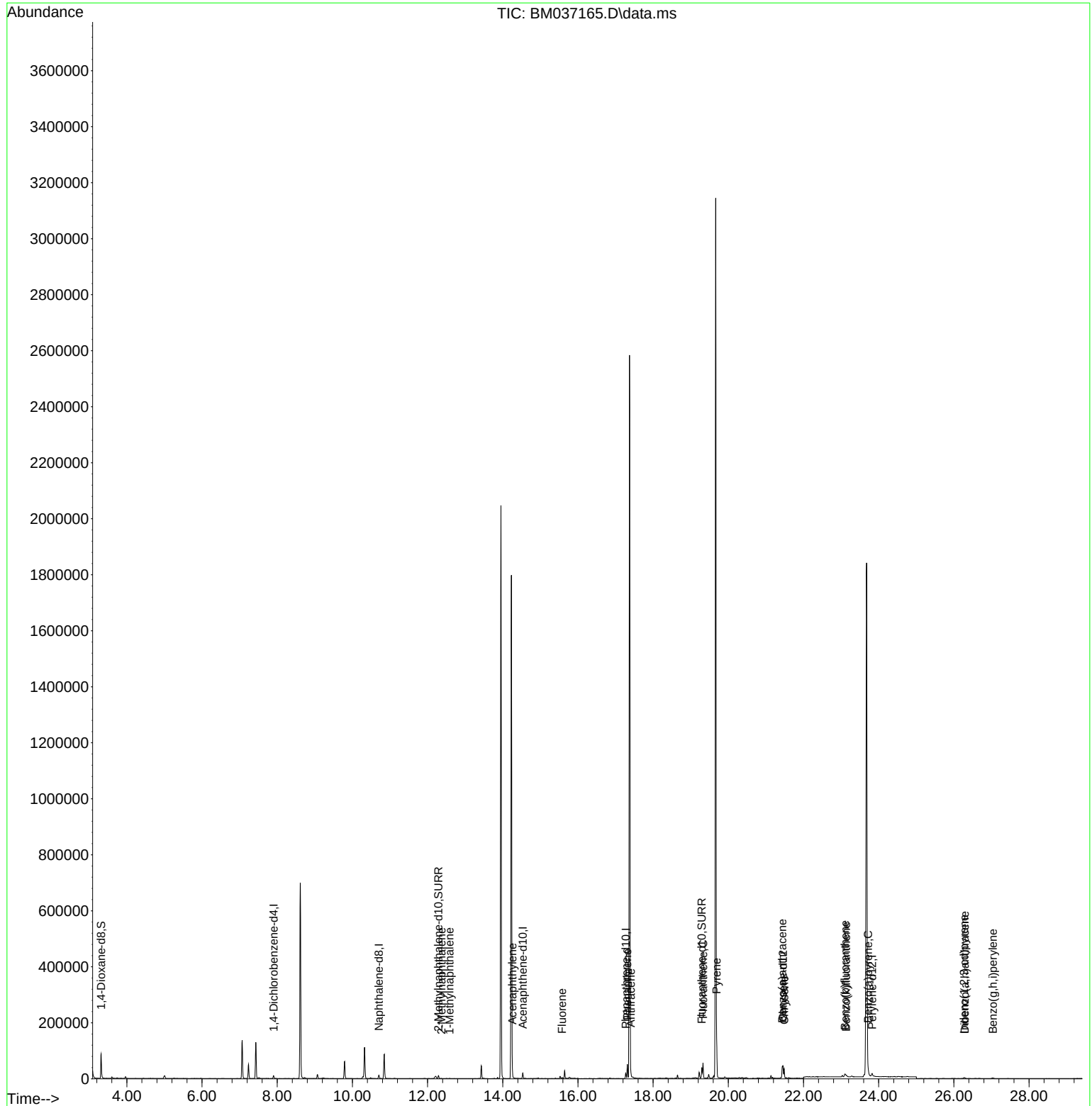
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037165.D
Acq On : 21 Oct 2022 08:39
Operator : CG/JU
Sample : N5015-14
Misc :
ALS Vial : 29 Sample Multiplier: 1

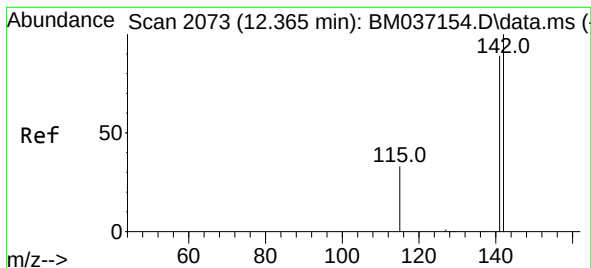
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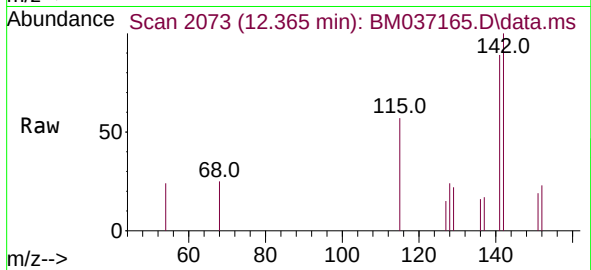
Quant Time: Oct 22 02:30:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

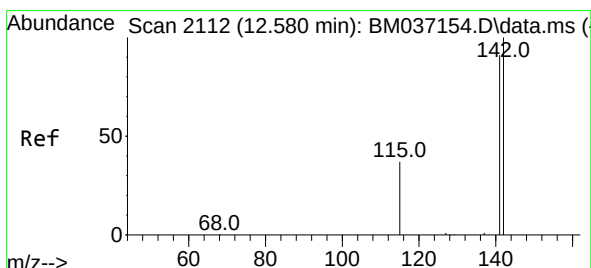
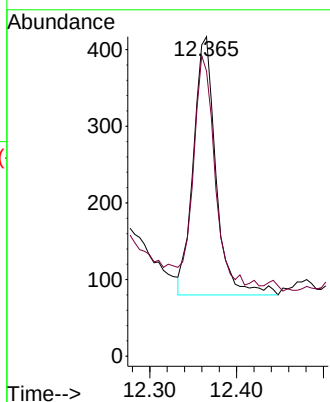
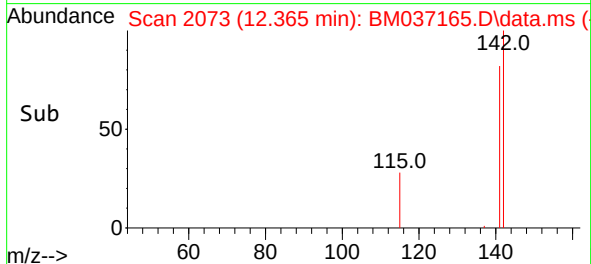
Instrument :
BNA_M
ClientSampleId :
C1BF0



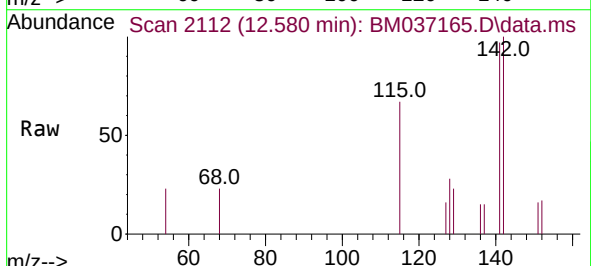
Tgt Ion:142 Resp: 607
Ion Ratio Lower Upper
142 100
141 82.7 72.8 109.2

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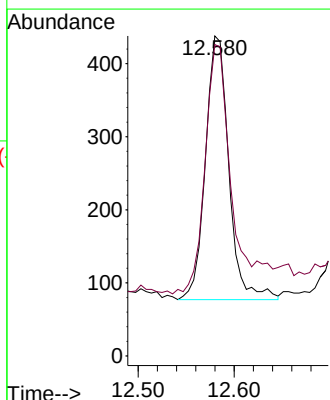
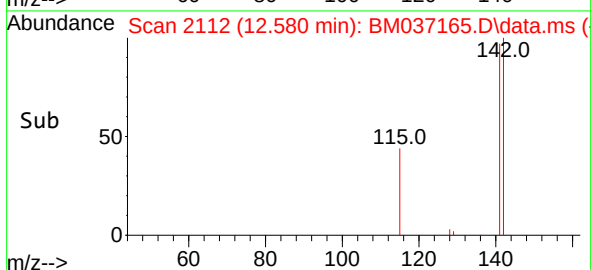
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

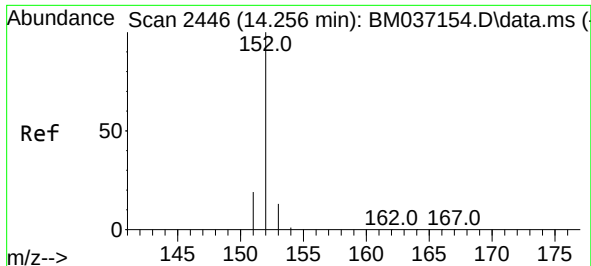


#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39



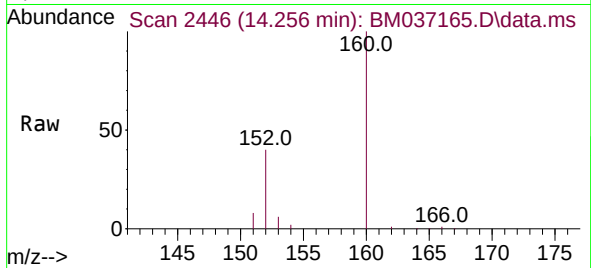
Tgt Ion:142 Resp: 612
Ion Ratio Lower Upper
142 100
141 116.5 74.2 111.4#





#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

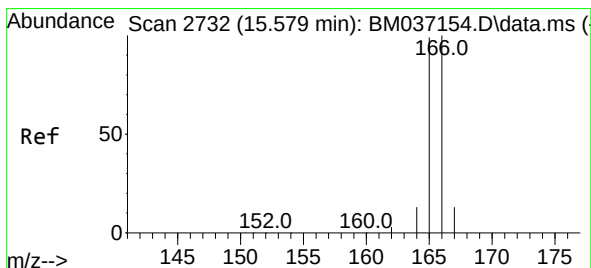
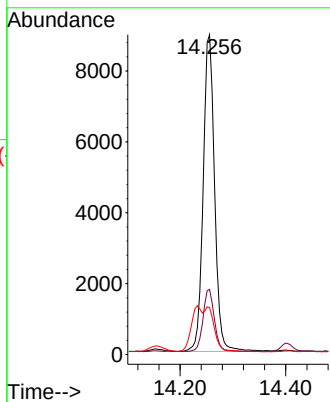
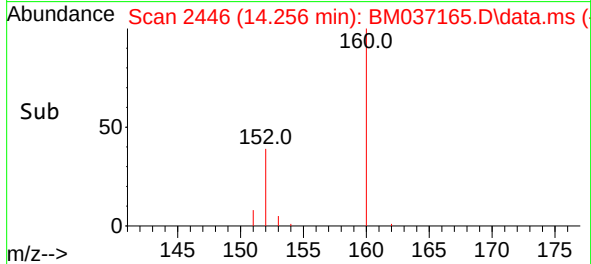
Instrument :
BNA_M
ClientSampleId :
C1BF0



Tgt Ion:152 Resp: 13412
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.7 10.8 16.2

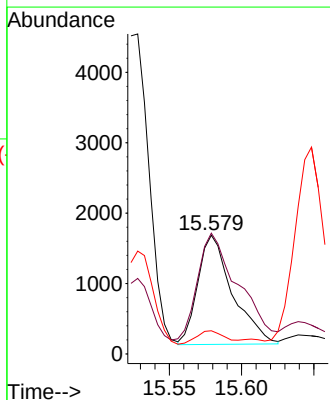
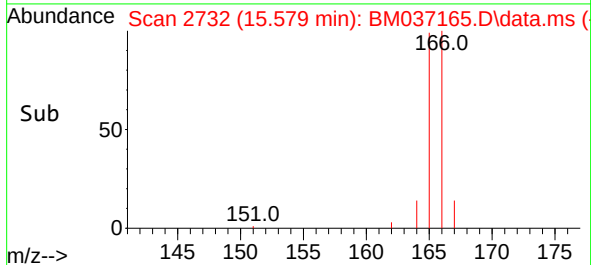
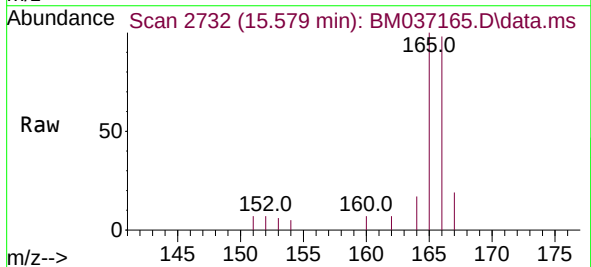
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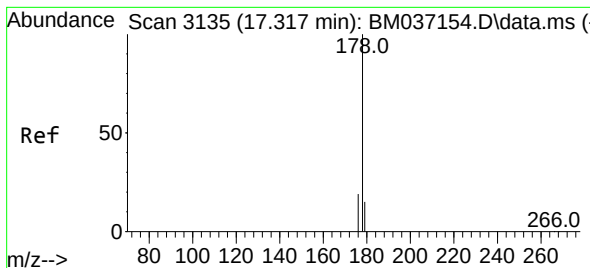
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.579 min Scan# 2732
Delta R.T. -0.005 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

Tgt Ion:166 Resp: 2595
Ion Ratio Lower Upper
166 100
165 101.8 79.4 119.2
167 19.6 11.3 16.9#





#15

Phenanthrene

Concen: 0.665 ng/ul

RT: 17.313 min Scan# 3135

Delta R.T. -0.008 min

Lab File: BM037165.D

Acq: 21 Oct 2022 08:39

Instrument :

BNA_M

ClientSampleId :

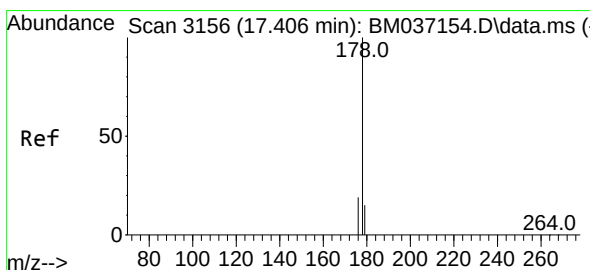
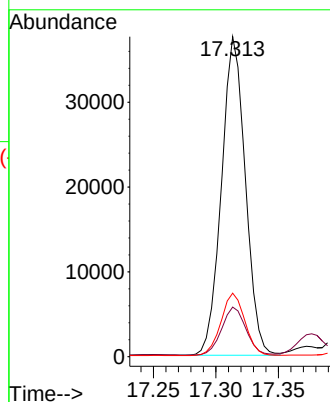
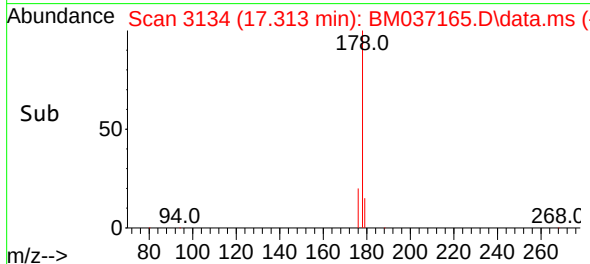
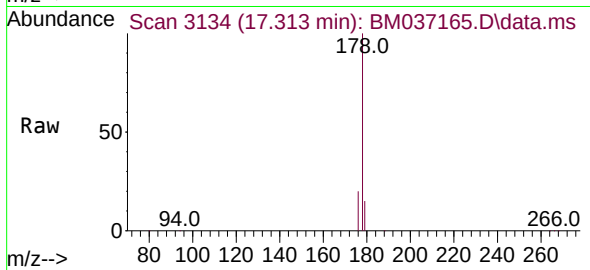
C1BF0

Tgt Ion:178	Resp:	4999
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.0 19.6
176	19.8	16.1 24.1

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#16

Anthracene

Concen: 0.140 ng/ul

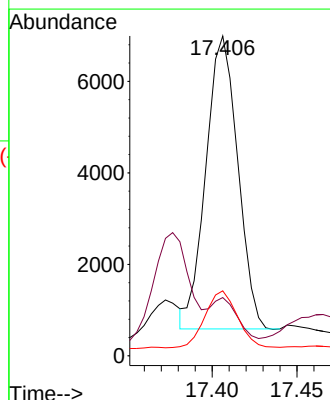
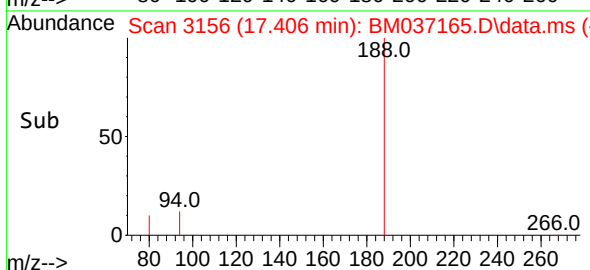
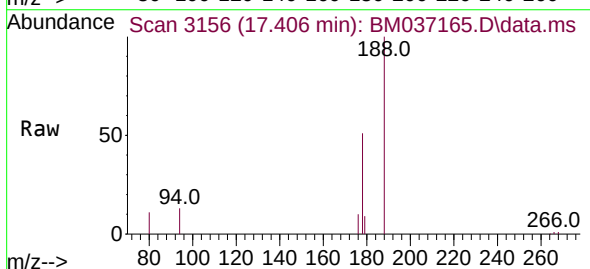
RT: 17.406 min Scan# 3156

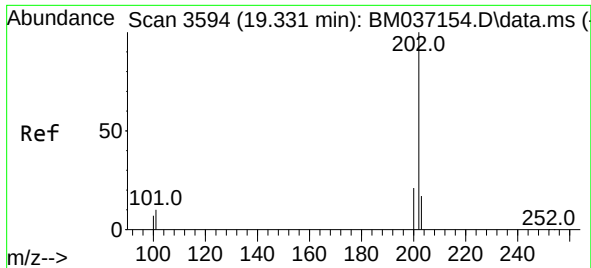
Delta R.T. -0.008 min

Lab File: BM037165.D

Acq: 21 Oct 2022 08:39

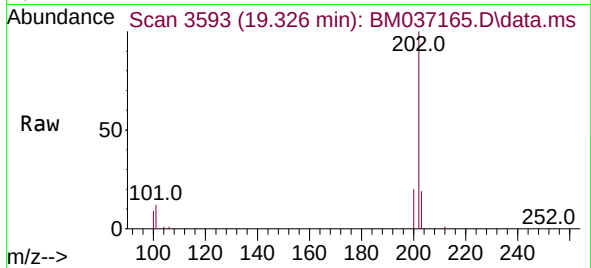
Tgt Ion:178	Resp:	8366
Ion Ratio	Lower	Upper
178	100	
179	18.2	13.1 19.7
176	20.3	15.3 22.9





#19
Fluoranthene
Concen: 0.543 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

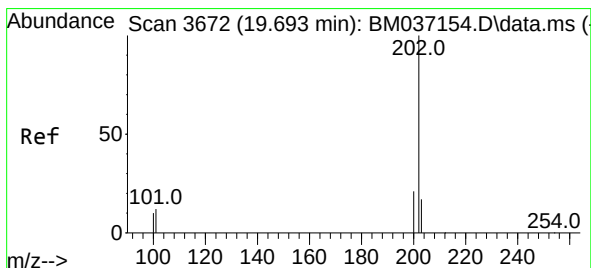
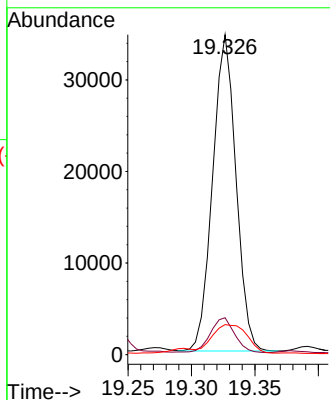
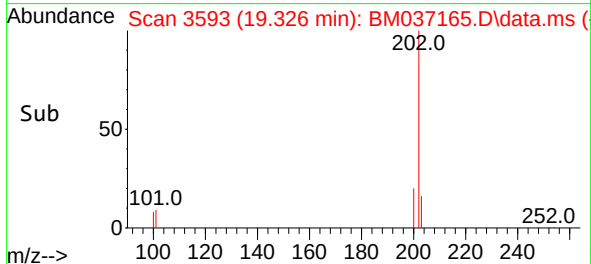
Instrument :
BNA_M
ClientSampleId :
C1BF0



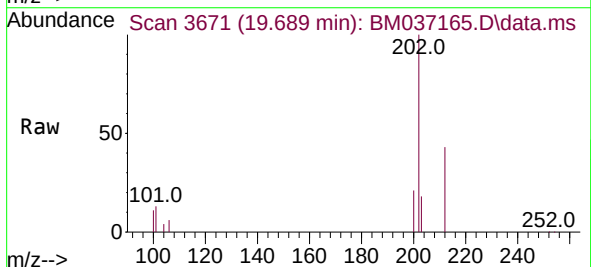
Tgt Ion:202 Resp: 44238
Ion Ratio Lower Upper
202 100
101 11.5 8.9 13.3
100 9.4 6.9 10.3

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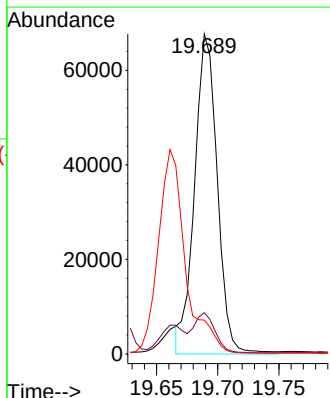
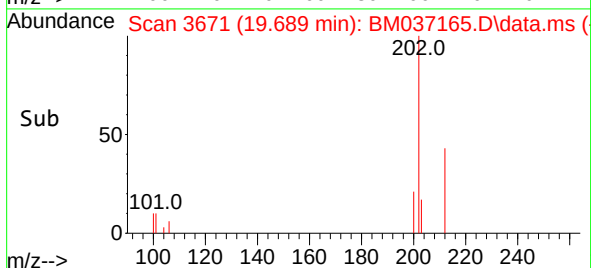
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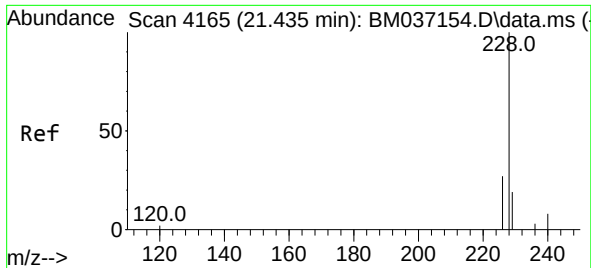


#20
Pyrene
Concen: 1.058 ng/ul m
RT: 19.689 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39



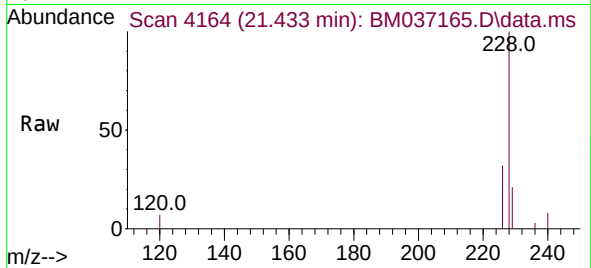
Tgt Ion:202 Resp: 87370
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 10.6 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.433 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

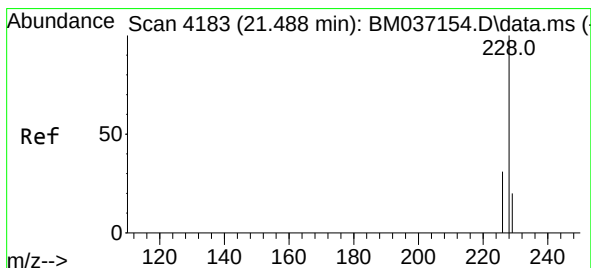
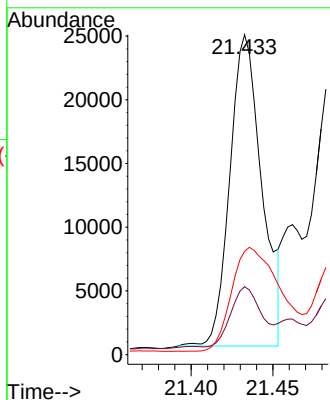
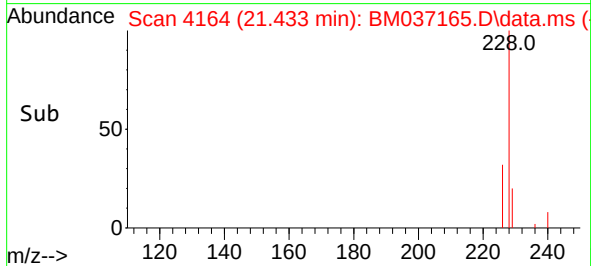
Instrument :
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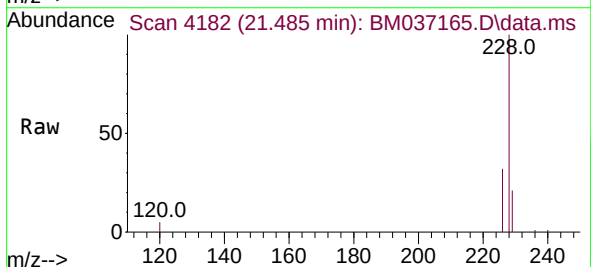
Tgt Ion:228 Resp: 3331
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 32.3 21.8 32.8

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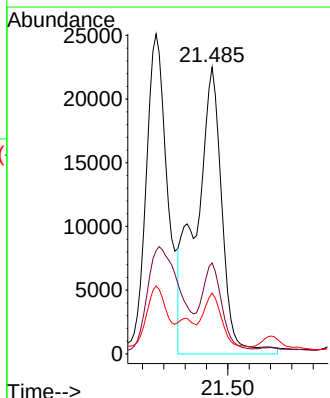
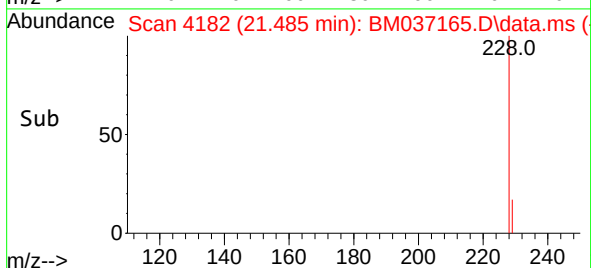
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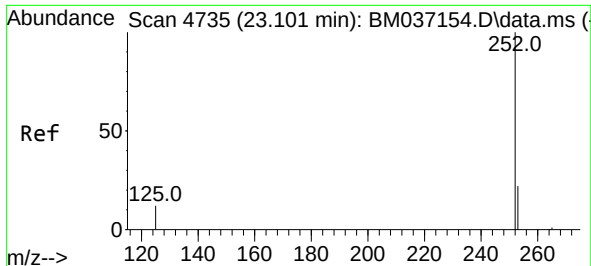


#22
Chrysene
Concen: 0.458 ng/ul m
RT: 21.485 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39



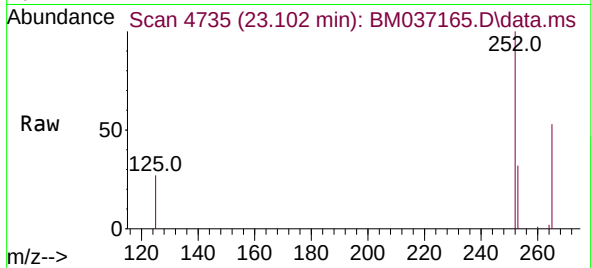
Tgt Ion:228 Resp: 38332
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 21.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.231 ng/ul
RT: 23.102 min Scan# 4735
Delta R.T. -0.009 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

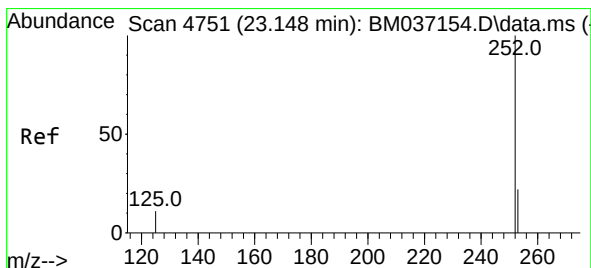
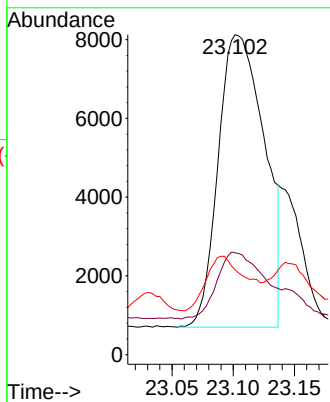
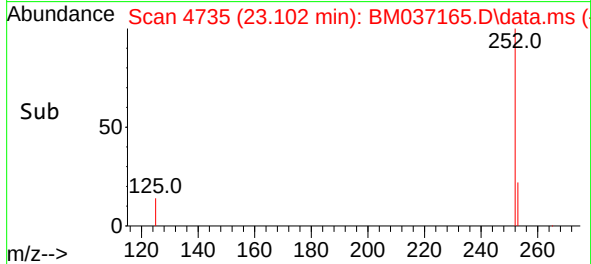
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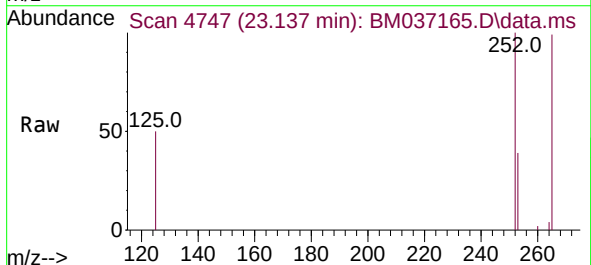
Tgt Ion:252 Resp: 1946
Ion Ratio Lower Upper
252 100
253 31.8 0.0 50.6
125 26.5 0.0 32.6

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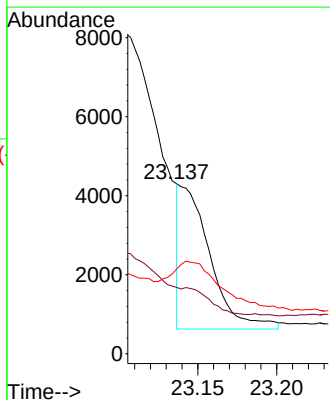
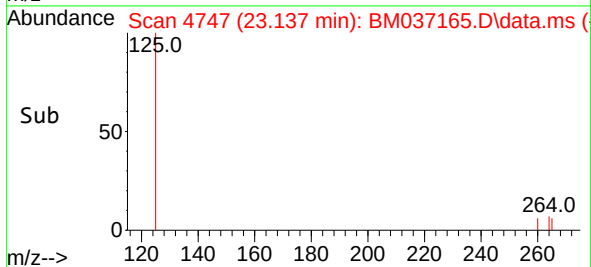
Reviewed By :Jagrut Upadhyay 10/24/2022
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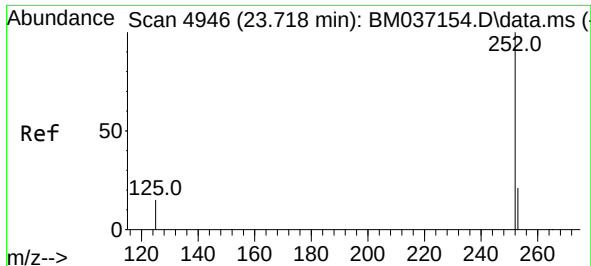


#25
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.137 min Scan# 4747
Delta R.T. -0.020 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39



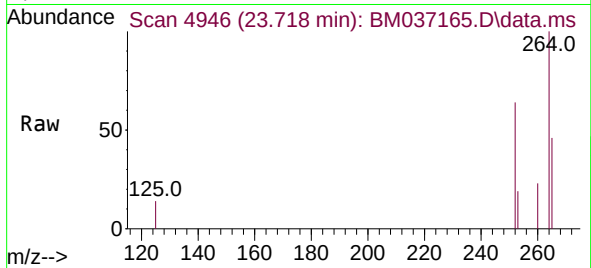
Tgt Ion:252 Resp: 4871
Ion Ratio Lower Upper
252 100
253 39.0 20.6 30.8#
125 49.8 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.258 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. -0.012 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

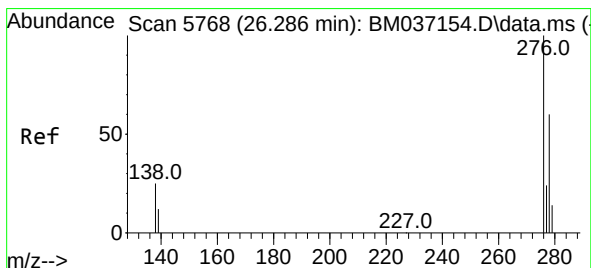
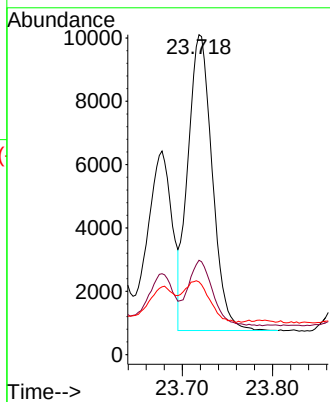
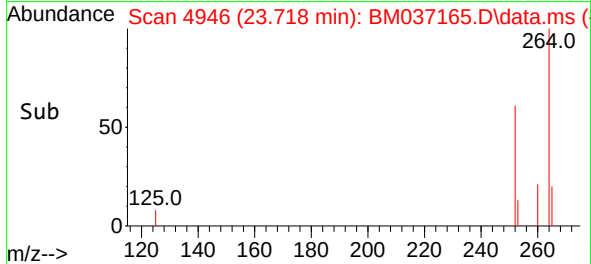
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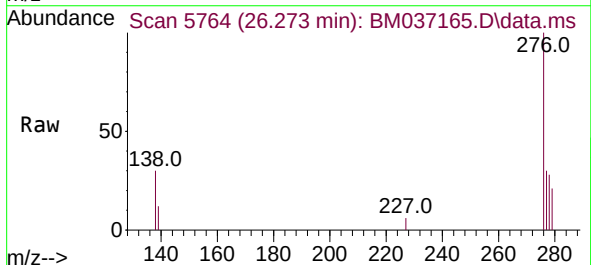
Tgt Ion:252 Resp: 17472
Ion Ratio Lower Upper
252 100
253 29.5 22.1 33.1
125 22.7 17.6 26.4

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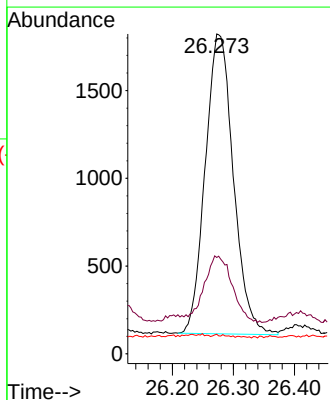
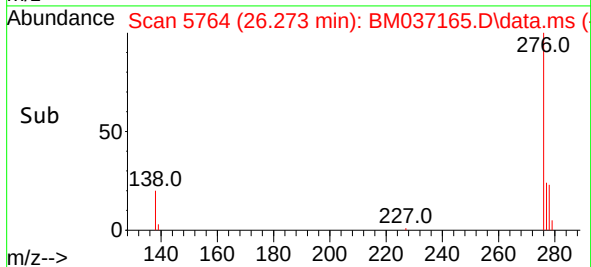
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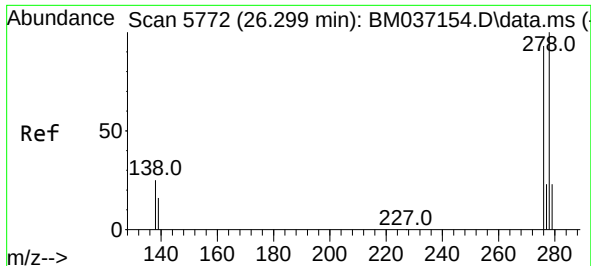


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng/ul
RT: 26.273 min Scan# 5764
Delta R.T. -0.027 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39



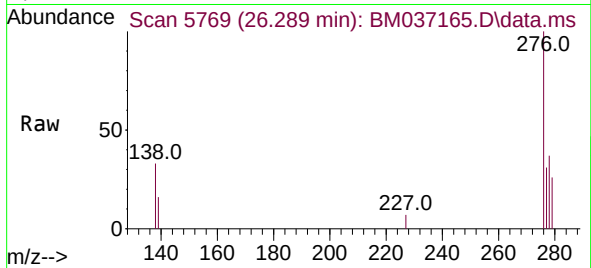
Tgt Ion:276 Resp: 5470
Ion Ratio Lower Upper
276 100
138 21.7 21.4 32.0
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.289 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

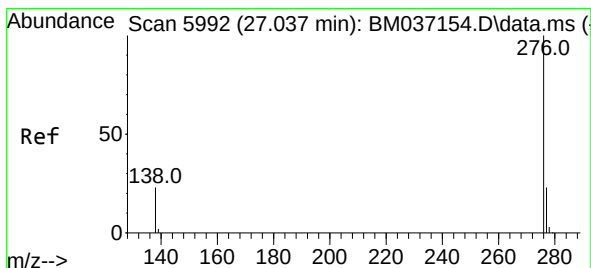
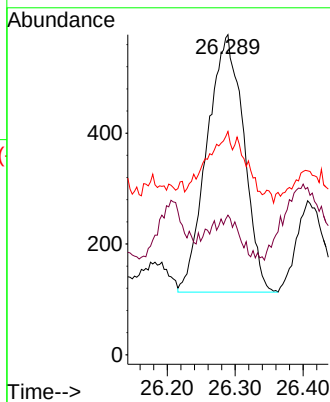
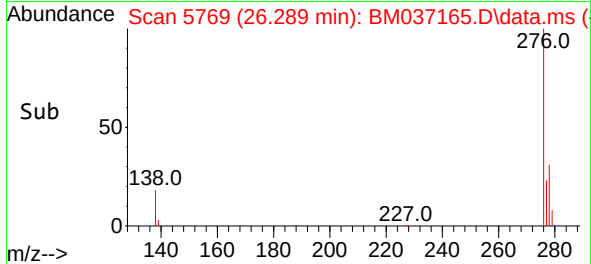
Instrument :
BNA_M
ClientSampleId :
C1BF0



Tgt Ion:278 Resp: 1742
Ion Ratio Lower Upper
278 100
139 43.6 16.3 24.5
279 69.7 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 27.037 min Scan# 5992
Delta R.T. -0.020 min
Lab File: BM037165.D
Acq: 21 Oct 2022 08:39

Tgt Ion:276 Resp: 5202
Ion Ratio Lower Upper
276 100
138 31.1 19.8 29.8
277 28.9 20.1 30.1

