

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038217.D
 Acq On : 23 Dec 2022 02:51
 Operator : CG/JU
 Sample : N6008-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXX6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 03:37:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4114	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12839	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7521	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	15775	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	10444	0.400	ng/ul	# 0.00
23) Perylene-d12	24.020	264	10059	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	16712	3.993	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	5339	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11011	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.905	128	759	0.020	ng/ul#	70
7) 2-Methylnaphthalene	12.506	142	571	0.024	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	493	0.021	ng/ul	97
10) Acenaphthylene	14.388	152	1251	0.030	ng/ul#	73
15) Phenanthrene	17.447	178	3299	0.062	ng/ul#	90
16) Anthracene	17.535	178	1120	0.022	ng/ul#	70
19) Fluoranthene	19.454	202	9547	0.167	ng/ul#	90
20) Pyrene	19.817	202	8983m	0.155	ng/ul	
21) Benzo(a)anthracene	21.553	228	4797	0.105	ng/ul#	90
22) Chrysene	21.609	228	5535	0.124	ng/ul#	92
24) Benzo(b)fluoranthene	23.272	252	8673	0.195	ng/ul#	68
25) Benzo(k)fluoranthene	23.316	252	2765m	0.065	ng/ul	
26) Benzo(a)pyrene	23.912	252	5263	0.135	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.582	276	4264	0.079	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.589	278	1162	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.377	276	4481	0.099	ng/ul#	79

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

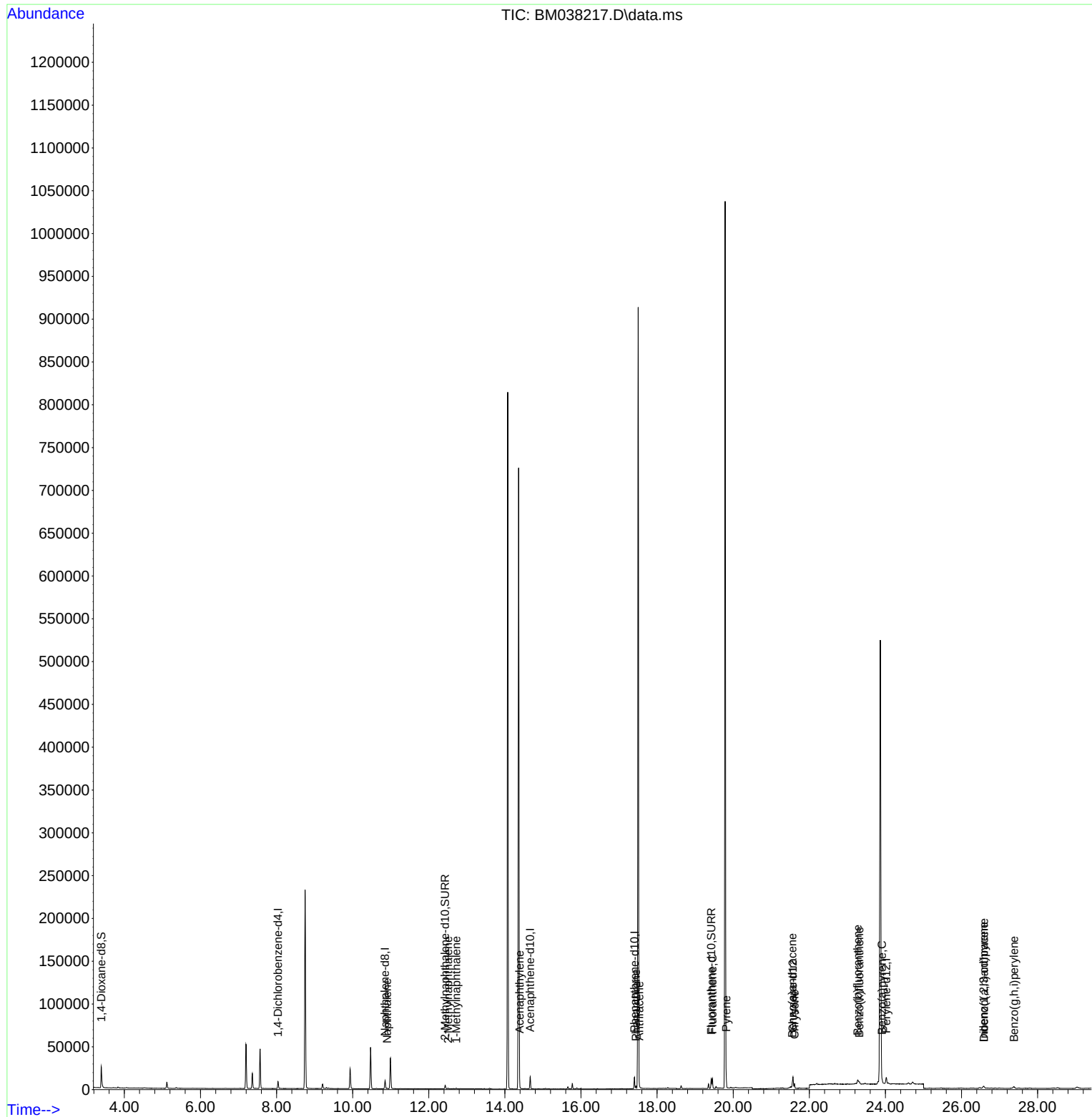
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038217.D
Acq On : 23 Dec 2022 02:51
Operator : CG/JU
Sample : N6008-14
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ALS Vial : 23 Sample Multiplier: 1

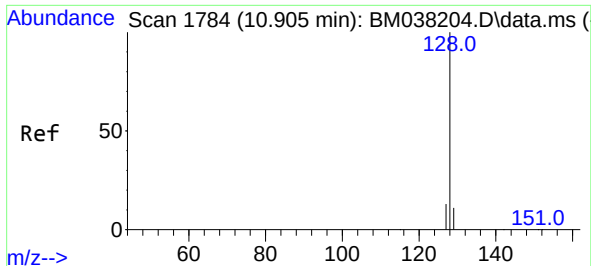
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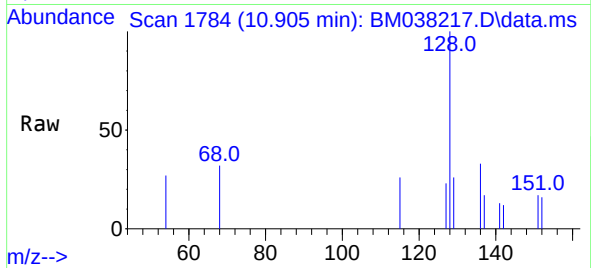
Quant Time: Dec 23 03:37:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.905 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

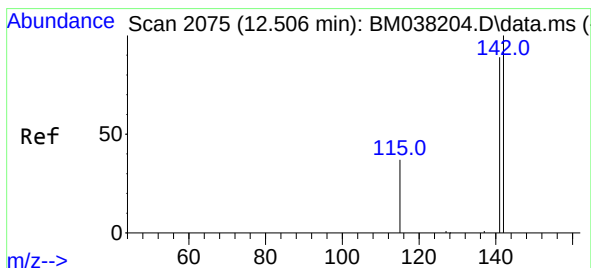
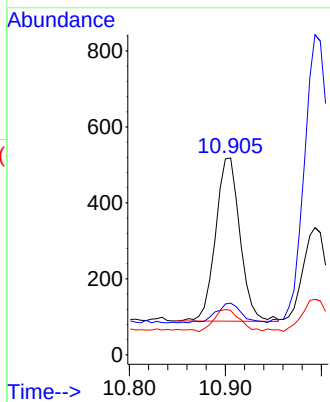
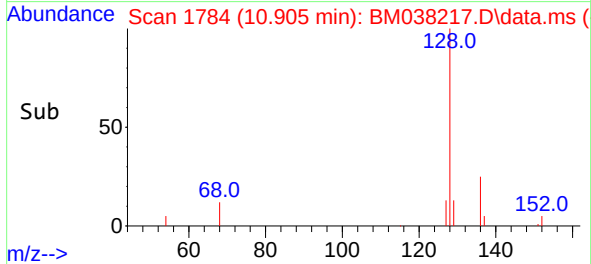
Instrument :
BNA_M
ClientSampleId :
DBXX6



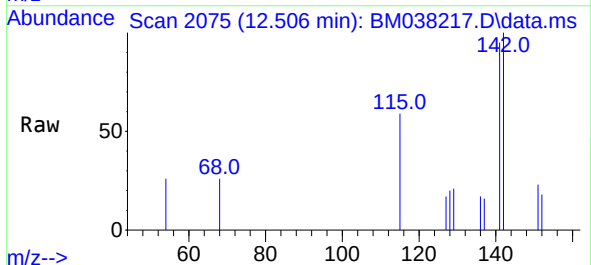
Tgt Ion:128 Resp: 759
Ion Ratio Lower Upper
128 100
129 26.3 9.4 14.0
127 22.6 10.7 16.1

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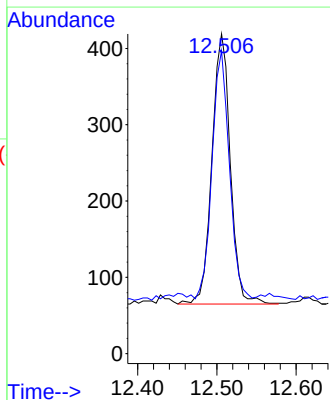
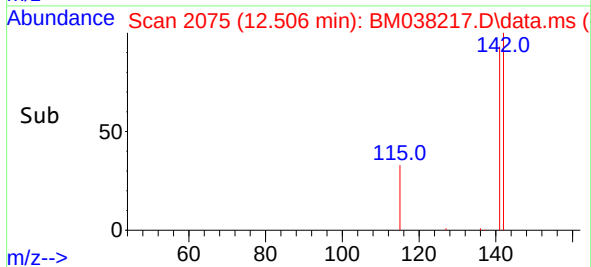
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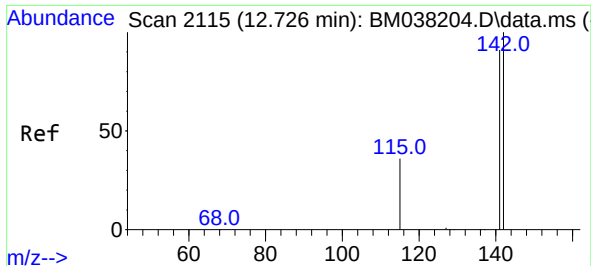


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



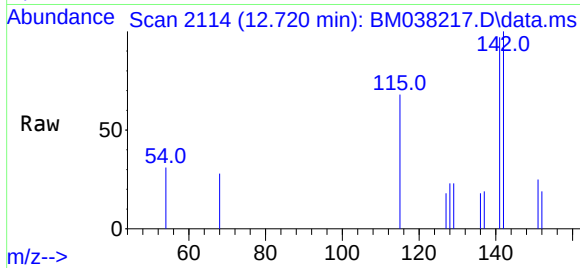
Tgt Ion:142 Resp: 571
Ion Ratio Lower Upper
142 100
141 87.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.720 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

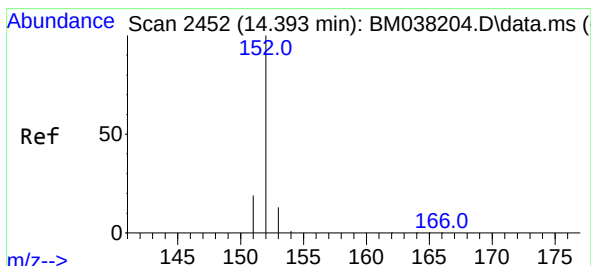
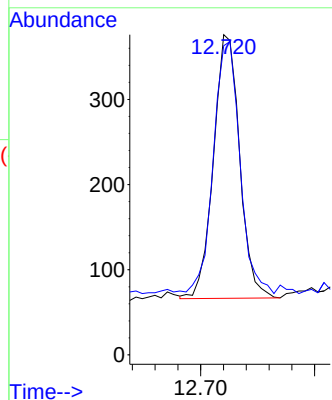
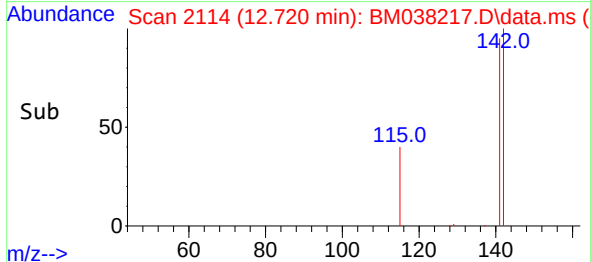
Instrument :
BNA_M
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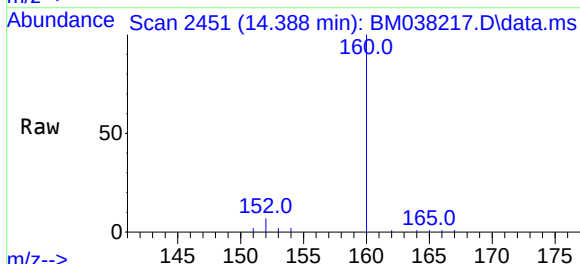
Tgt Ion:142 Resp: 491
Ion Ratio Lower Upper
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141 96.8 74.7 112.1

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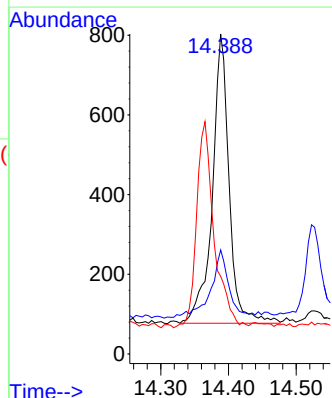
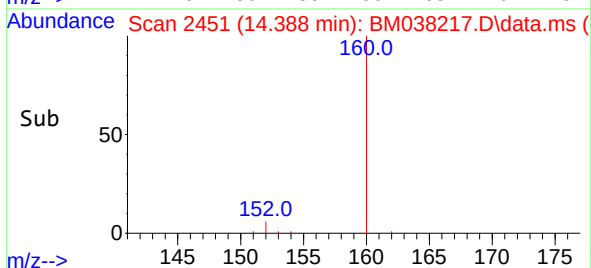
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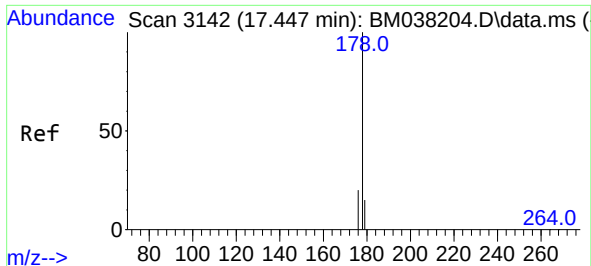


#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



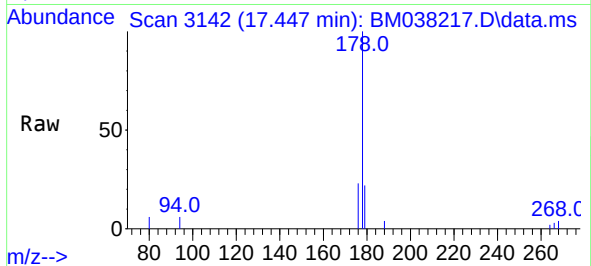
Tgt Ion:152 Resp: 1251
Ion Ratio Lower Upper
152 100
151 32.5 16.2 24.2#
153 24.3 10.7 16.1#





#15
Phenanthrene
Concen: 0.062 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

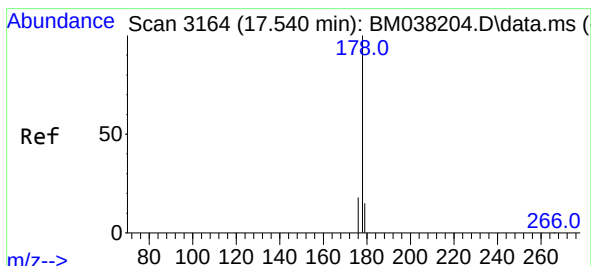
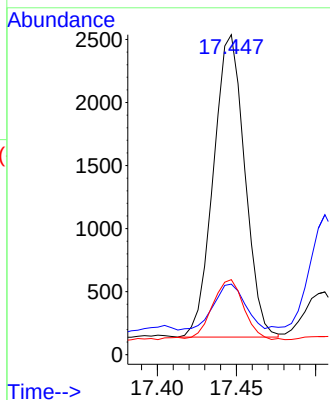
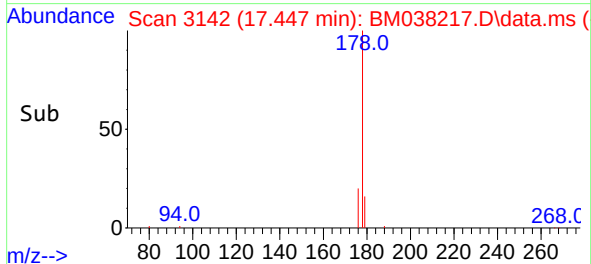
Instrument :
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ClientSampleId :
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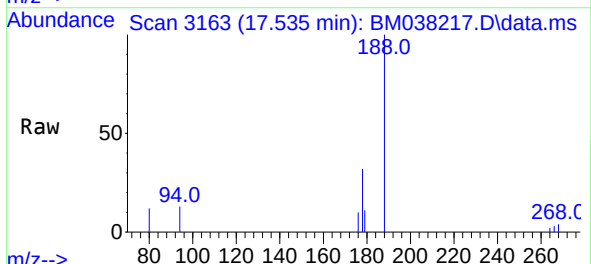
Tgt Ion:178 Resp: 3295
Ion Ratio Lower Upper
178 100
179 22.1 13.0 19.4#
176 23.4 16.2 24.4#

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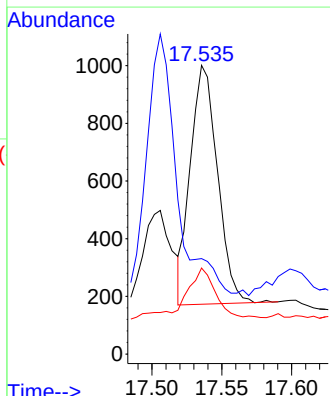
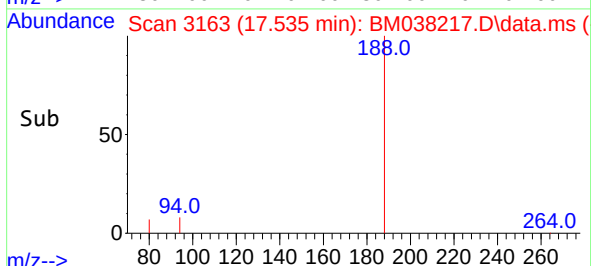
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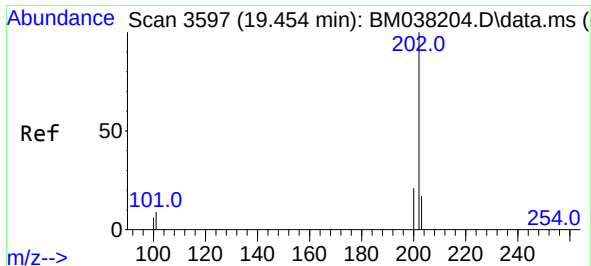


#16
Anthracene
Concen: 0.022 ng/u1
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



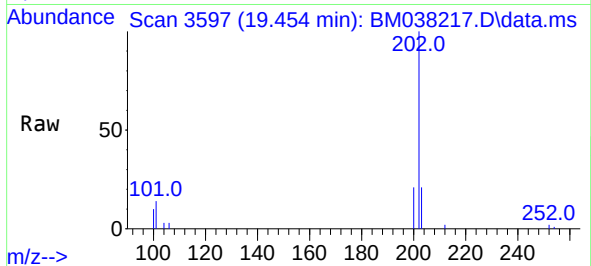
Tgt Ion:178 Resp: 1120
Ion Ratio Lower Upper
178 100
179 33.1 13.0 19.6#
176 29.8 15.6 23.4#





#19
Fluoranthene
Concen: 0.167 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

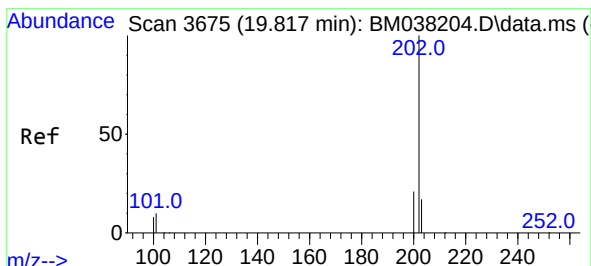
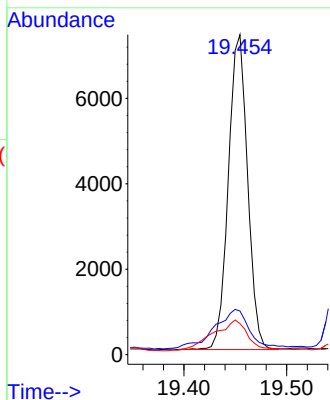
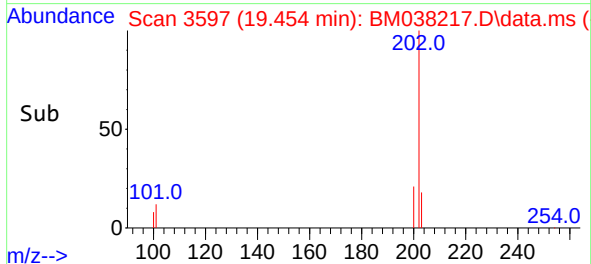
Instrument :
BNA_M
ClientSampleId :
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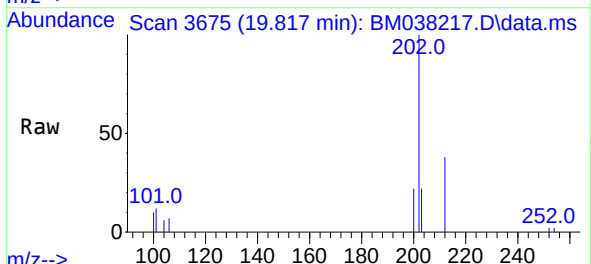
Tgt Ion:202 Resp: 954
Ion Ratio Lower Upper
202 100
101 13.6 7.5 11.3
100 9.7 5.6 8.4

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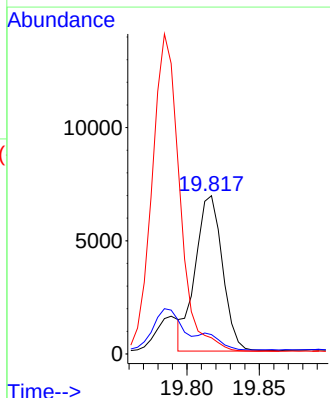
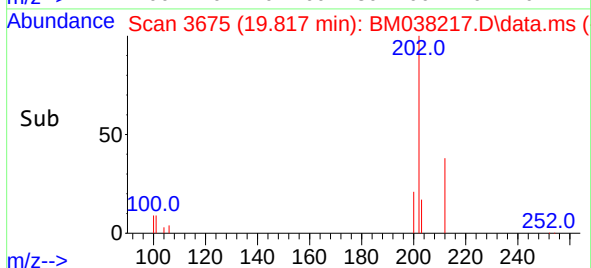
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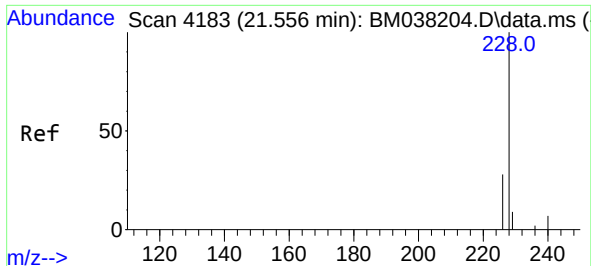


#20
Pyrene
Concen: 0.155 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



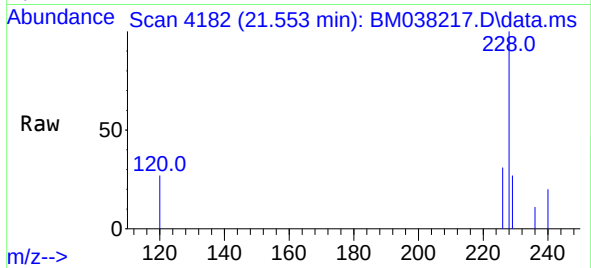
Tgt Ion:202 Resp: 8983
Ion Ratio Lower Upper
202 100
101 12.3 8.9 13.3
100 10.2 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.105 ng/u1
RT: 21.553 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

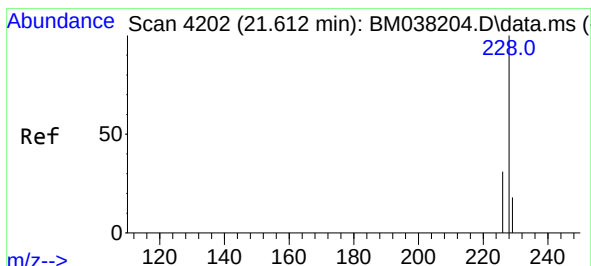
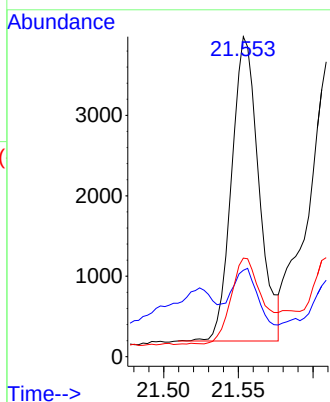
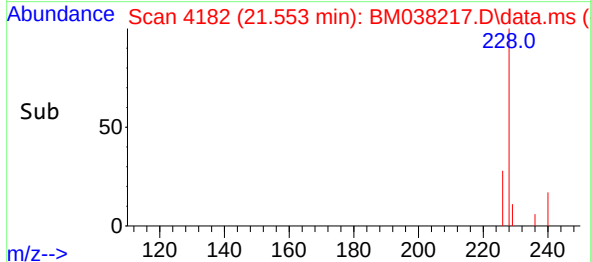
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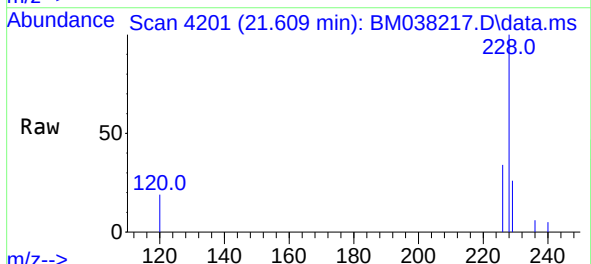
Tgt Ion:228 Resp: 4795
Ion Ratio Lower Upper
228 100
229 27.0 15.5 23.3
226 30.8 22.2 33.2

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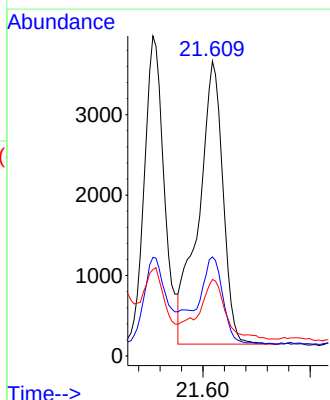
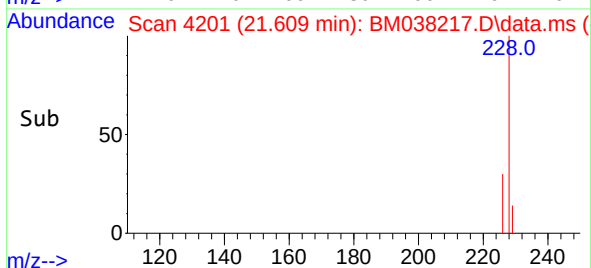
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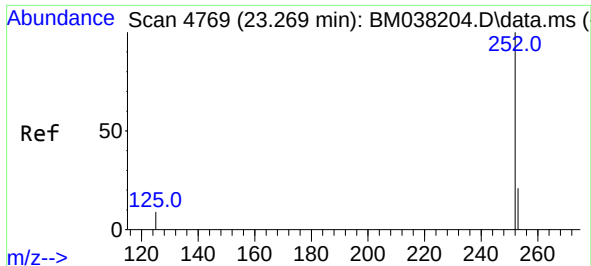


#22
Chrysene
Concen: 0.124 ng/u1
RT: 21.609 min Scan# 4201
Delta R.T. -0.003 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



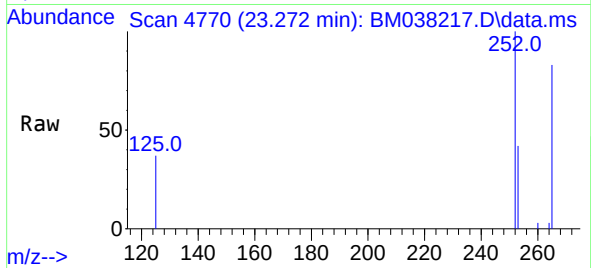
Tgt Ion:228 Resp: 5535
Ion Ratio Lower Upper
228 100
226 33.6 25.0 37.4
229 26.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.195 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

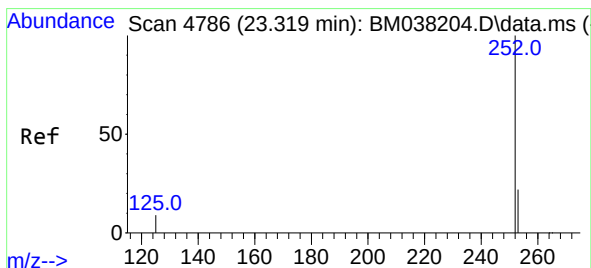
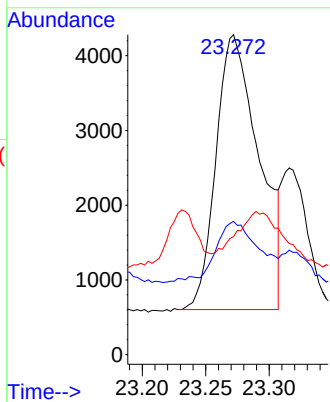
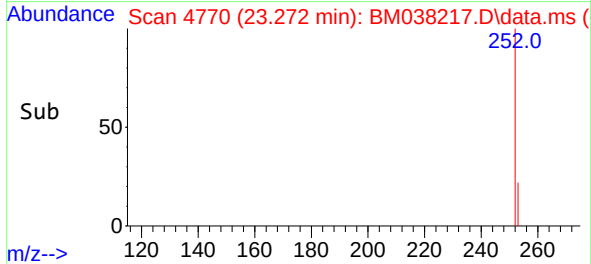
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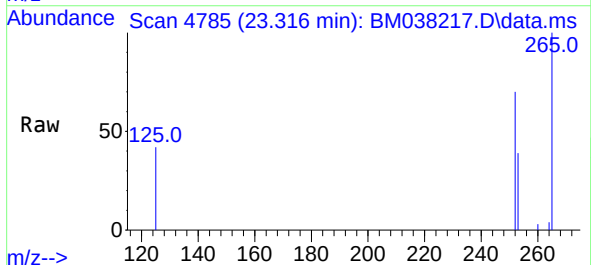
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Ion Ratio Lower Upper
252 100
253 41.6 0.0 56.0
125 36.9 0.0 36.6

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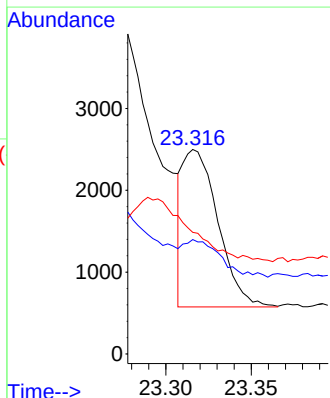
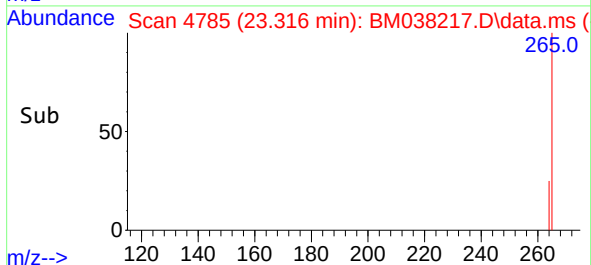
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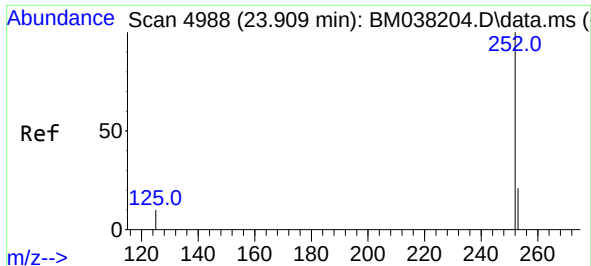


#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.316 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



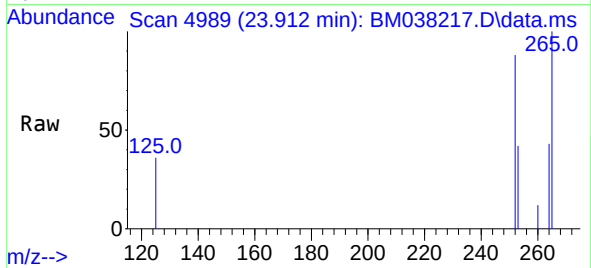
Tgt Ion:252 Resp: 2765
Ion Ratio Lower Upper
252 100
253 56.0 22.5 33.7#
125 59.5 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

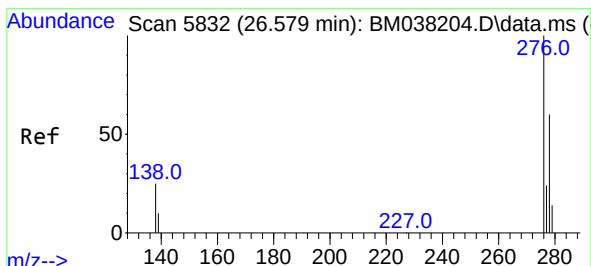
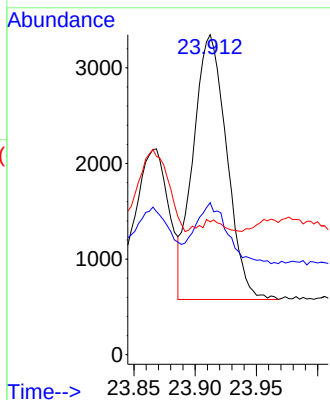
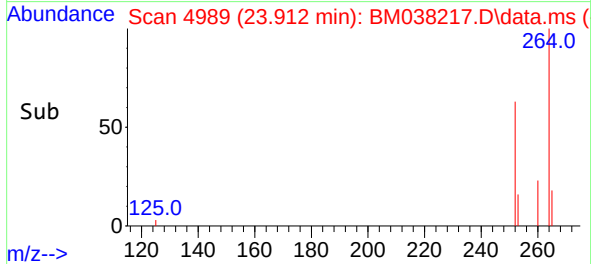
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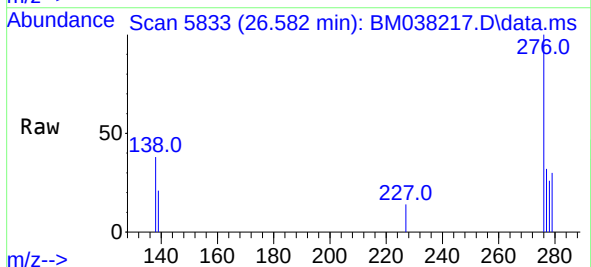
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Ion Ratio Lower Upper
252 100
253 47.5 24.2 36.4
125 41.5 17.3 25.9

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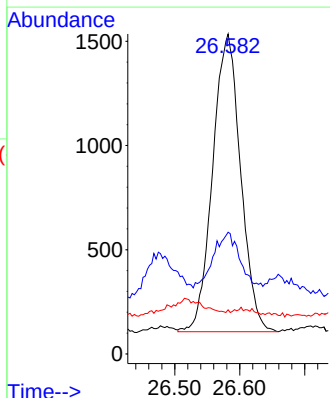
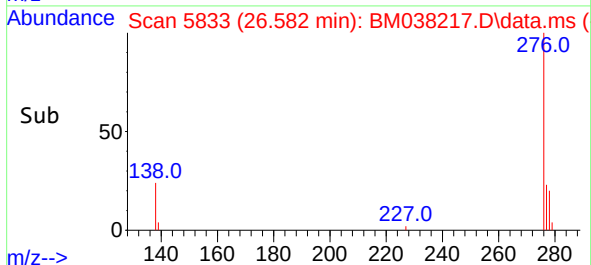
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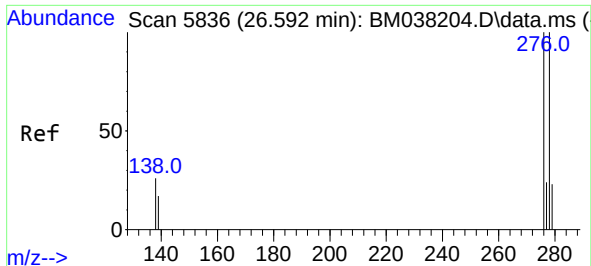


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



Tgt Ion:276 Resp: 4264
Ion Ratio Lower Upper
276 100
138 24.5 21.7 32.5
227 0.0 0.0 0.0





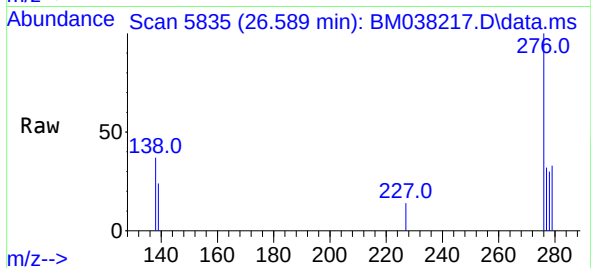
#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.589 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51

Instrument :

BNA_M

ClientSampleId :

DBXX6

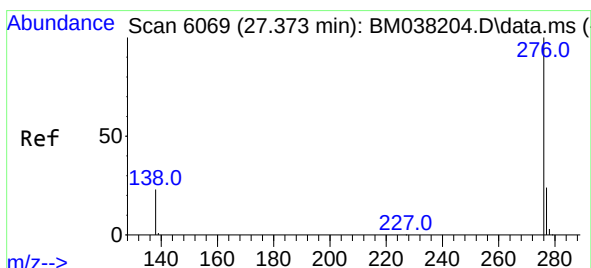
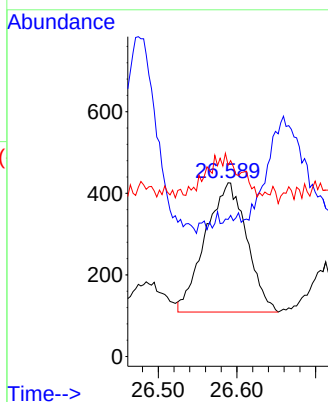
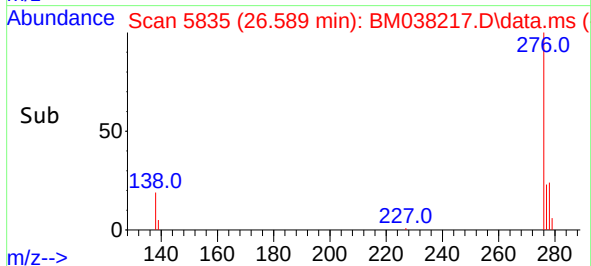


Tgt Ion:278 Resp: 1162
Ion Ratio Lower Upper
278 100
139 78.9 16.8 25.2
279 110.1 23.4 35.2

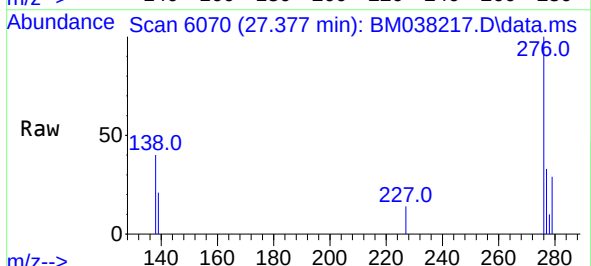
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038217.D
Acq: 23 Dec 2022 02:51



Tgt Ion:276 Resp: 4481
Ion Ratio Lower Upper
276 100
138 39.9 20.8 31.2#
277 32.9 20.5 30.7#

