

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046936.D
 Acq On : 31 Jul 2024 10:30
 Operator : MA/JU
 Sample : P3336-12DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E40DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 31 11:11:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 04:18:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.442	152	1748	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.200	136	4427	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	2928	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.850	188	6722	0.400	ng/ul	0.00
17) Chrysene-d12	21.067	240	5975	0.400	ng/ul	0.00
23) Perylene-d12	23.188	264	6331m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.079	96	1350	1.103	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.800	152	490	0.070	ng/ul	-0.01
18) Fluoranthene-d10	18.890	212	1267	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	1021	0.091	ng/ul#	84
10) Acenaphthylene	13.808	152	366	0.027	ng/ul#	59
11) Acenaphthene	14.155	153	998	0.110	ng/ul	95
12) Fluorene	15.150	166	872	0.077	ng/ul#	97
15) Phenanthrene	16.892	178	2303	0.119	ng/ul	95
16) Anthracene	16.981	178	1238	0.069	ng/ul#	84
19) Fluoranthene	18.923	202	20603	0.785	ng/ul#	97
20) Pyrene	19.285	202	19401	0.715	ng/ul	97
21) Benzo(a)anthracene	21.052	228	6550	0.263	ng/ul	98
22) Chrysene	21.102	228	6991	0.276	ng/ul	98
24) Benzo(b)fluoranthene	22.563	252	7060m	0.254	ng/ul	
25) Benzo(k)fluoranthene	22.601	252	2482m	0.089	ng/ul	
26) Benzo(a)pyrene	23.098	252	4082	0.205	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.282	276	2336	0.076	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.302	278	608	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	25.923	276	2326	0.086	ng/ul#	83

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

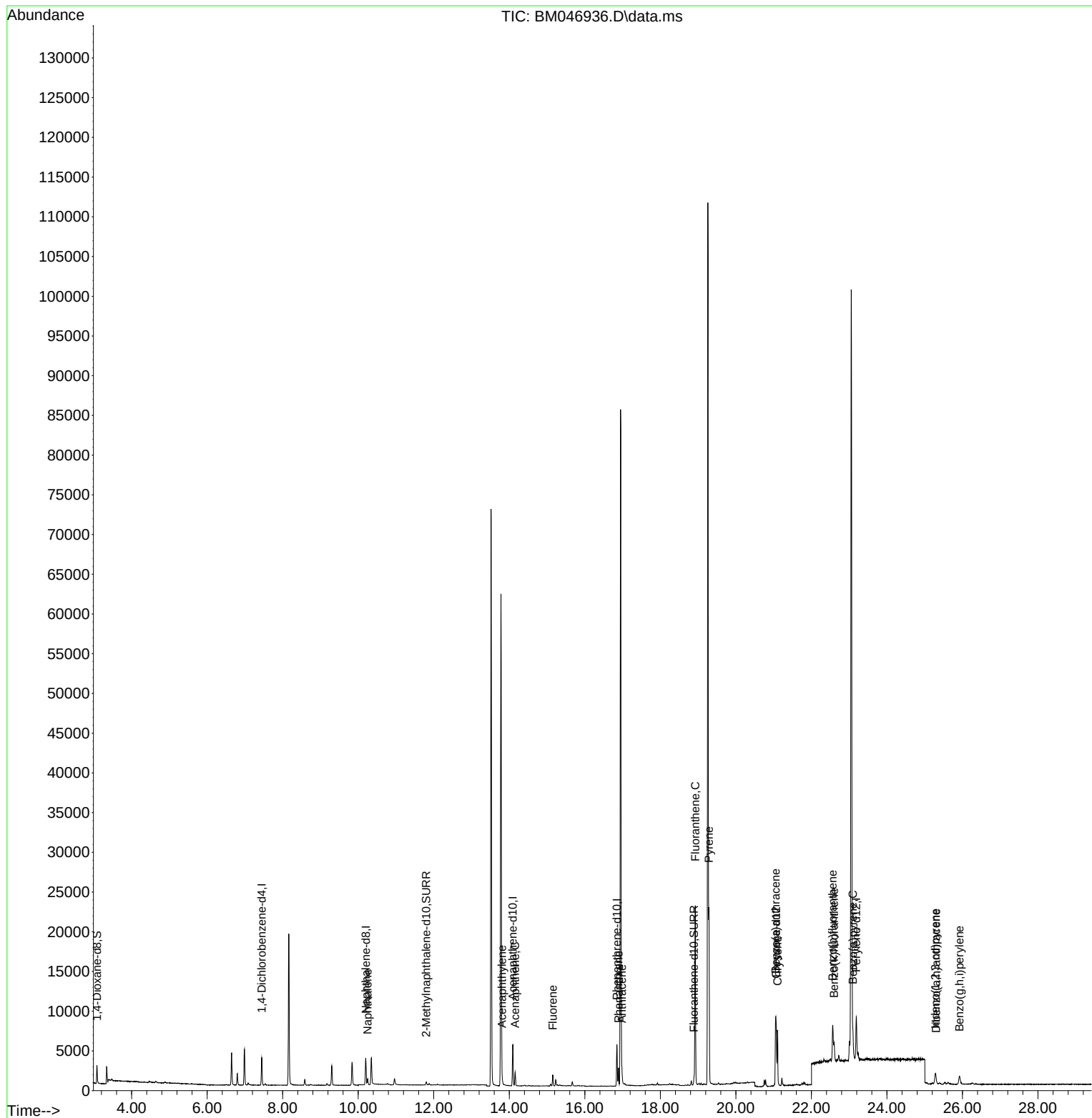
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046936.D
Acq On : 31 Jul 2024 10:30
Operator : MA/JU
Sample : P3336-12DL 5X
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ALS Vial : 20 Sample Multiplier: 1

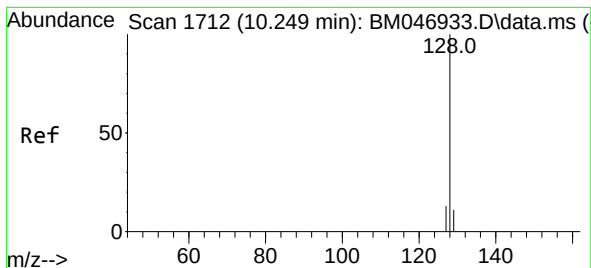
Instrument :
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F7E40DL

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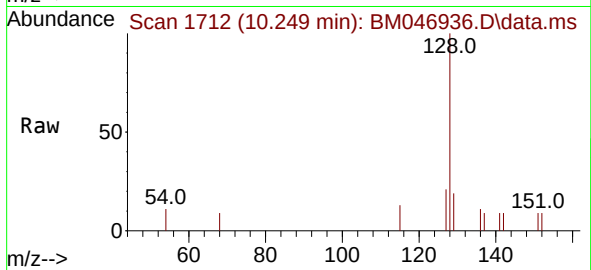
Quant Time: Jul 31 11:11:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 04:18:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.249 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

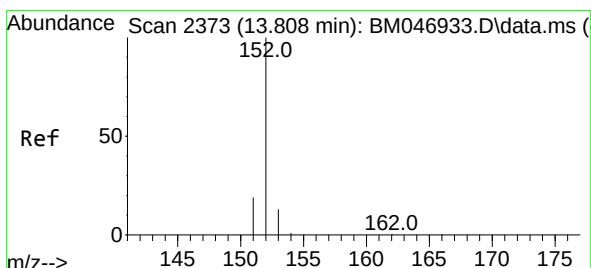
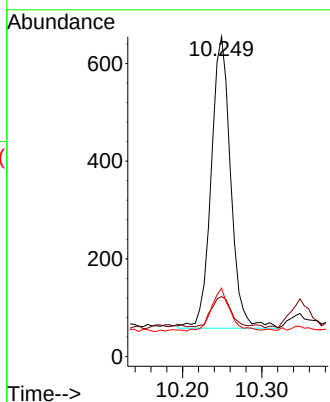
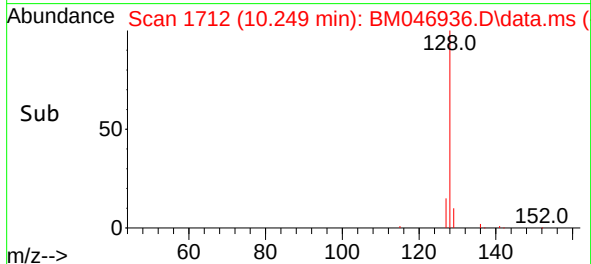
Instrument :
BNA_M
ClientSampleId :
F7E40DL



Tgt Ion:128 Resp: 102
Ion Ratio Lower Upper
128 100
129 18.8 10.1 15.1
127 21.4 11.5 17.3

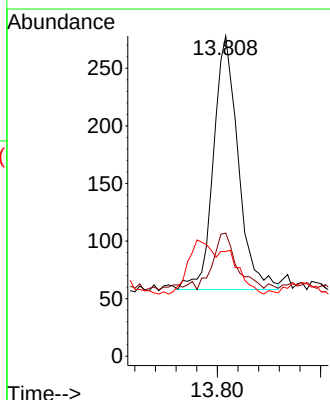
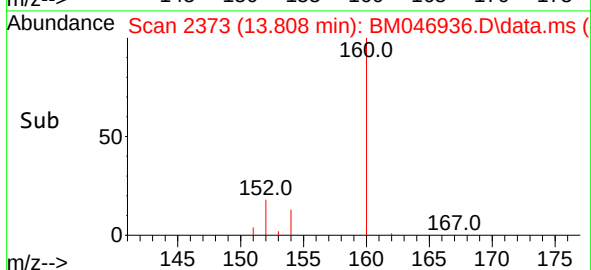
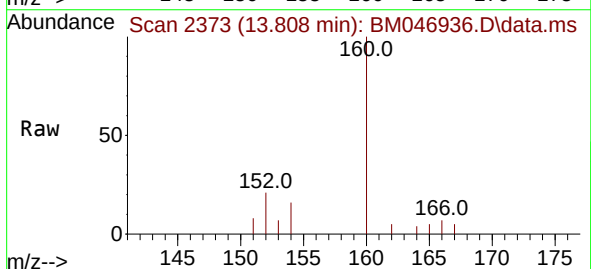
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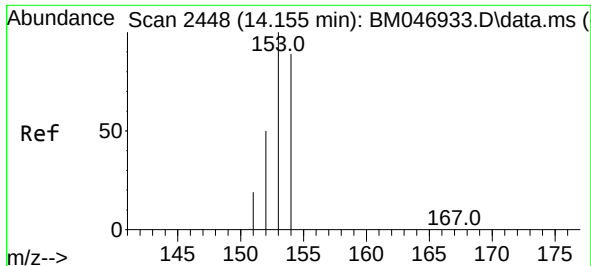
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.808 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

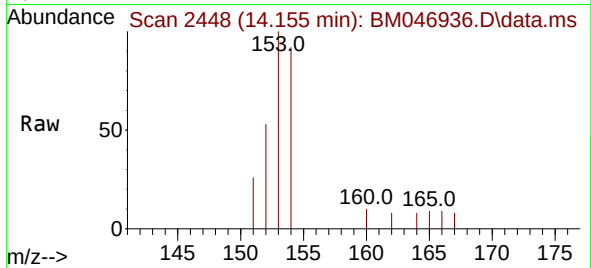
Tgt Ion:152 Resp: 366
Ion Ratio Lower Upper
152 100
151 38.5 16.8 25.2#
153 32.7 11.0 16.6#





#11
Acenaphthene
Concen: 0.110 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

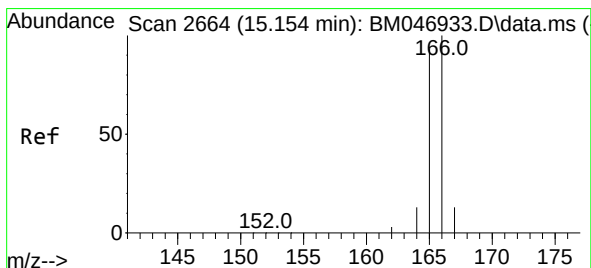
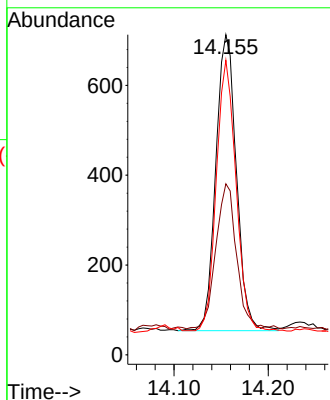
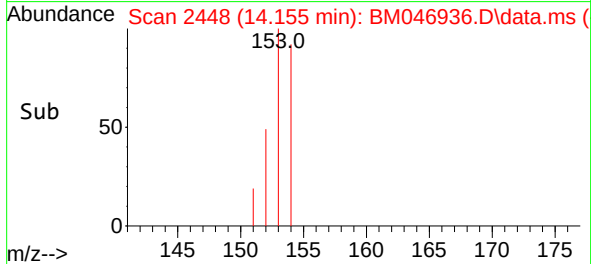
Instrument :
BNA_M
ClientSampleId :
F7E40DL



Tgt Ion:153 Resp: 998
Ion Ratio Lower Upper
153 100
152 53.4 38.6 57.8
154 92.0 70.8 106.2

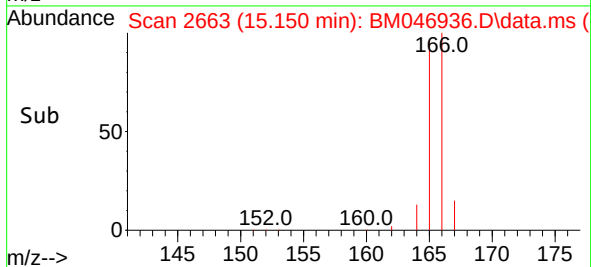
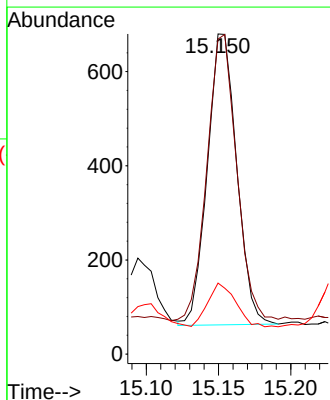
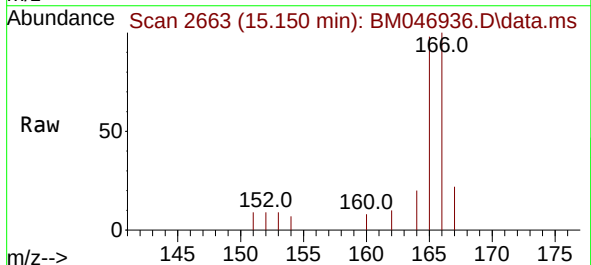
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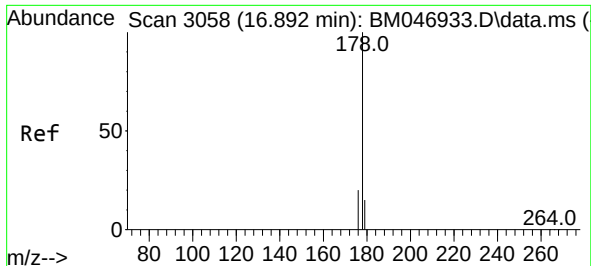
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.150 min Scan# 2663
Delta R.T. -0.014 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

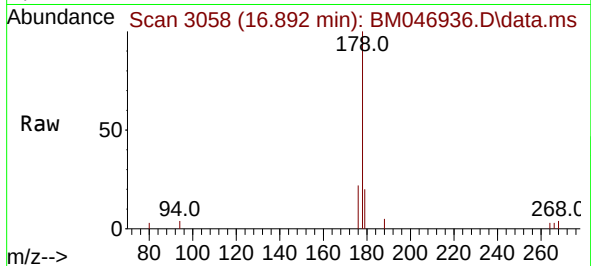
Tgt Ion:166 Resp: 872
Ion Ratio Lower Upper
166 100
165 98.4 79.8 119.6
167 22.2 12.3 18.5#





#15
Phenanthrene
Concen: 0.119 ng/u1
RT: 16.892 min Scan# 3058
Delta R.T. -0.009 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

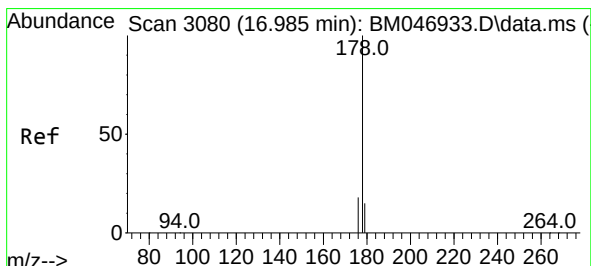
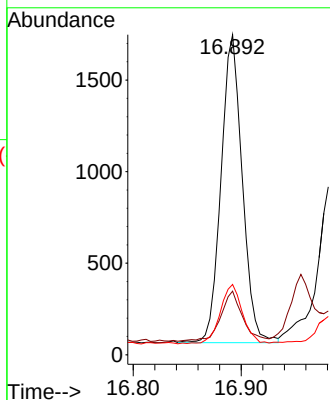
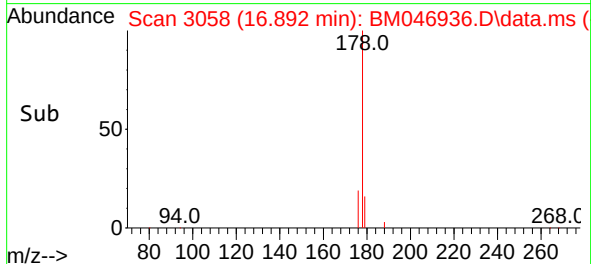
Instrument :
BNA_M
ClientSampleId :
F7E40DL



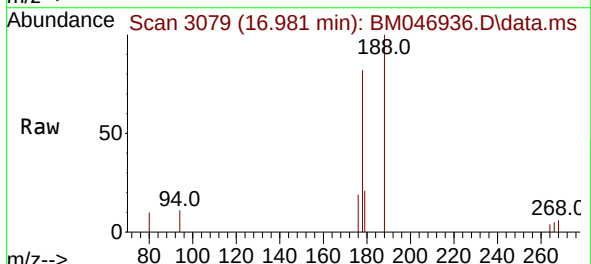
Tgt Ion:178 Resp: 230
Ion Ratio Lower Upper
178 100
179 19.9 13.4 20.2
176 22.0 16.1 24.1

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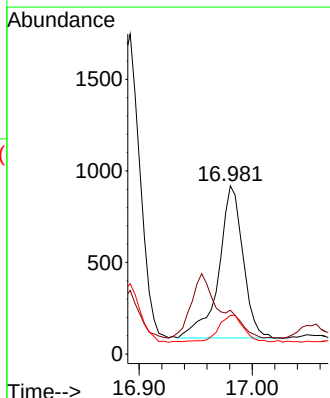
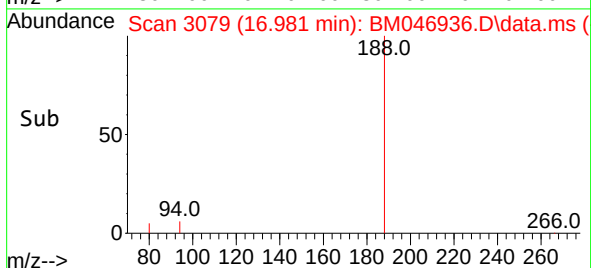
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

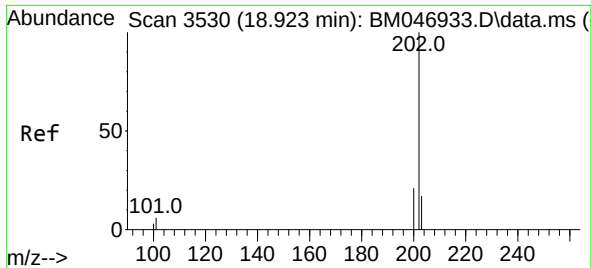


#16
Anthracene
Concen: 0.069 ng/u1
RT: 16.981 min Scan# 3079
Delta R.T. -0.013 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30



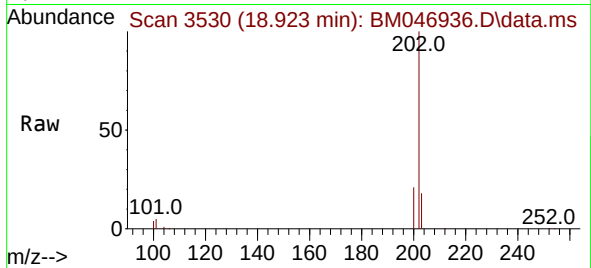
Tgt Ion:178 Resp: 1238
Ion Ratio Lower Upper
178 100
179 26.1 13.1 19.7#
176 23.0 15.0 22.6#





#19
Fluoranthene
Concen: 0.785 ng/ul
RT: 18.923 min Scan# 3530
Delta R.T. -0.009 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

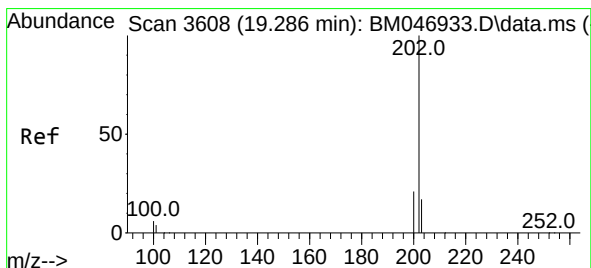
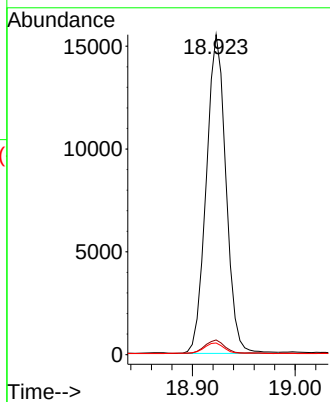
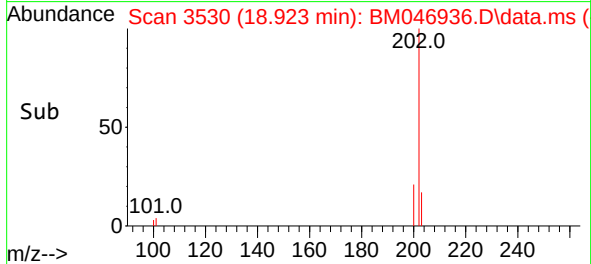
Instrument :
BNA_M
ClientSampleId :
F7E40DL



Tgt Ion:202 Resp: 2060
Ion Ratio Lower Upper
202 100
101 4.6 4.7 7.1
100 3.6 3.4 5.2

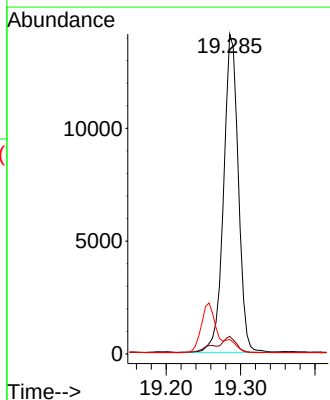
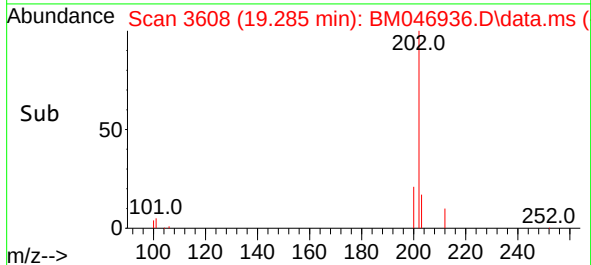
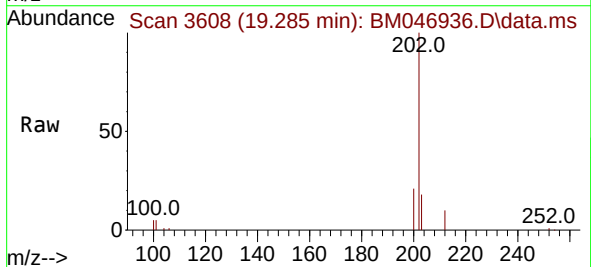
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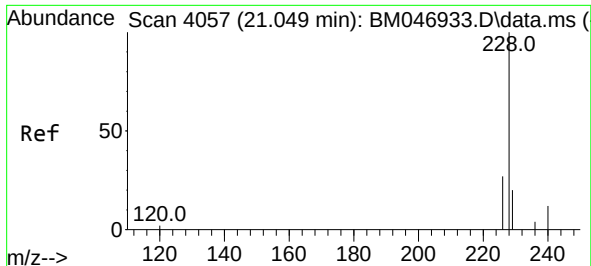
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 0.715 ng/ul
RT: 19.285 min Scan# 3608
Delta R.T. -0.009 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

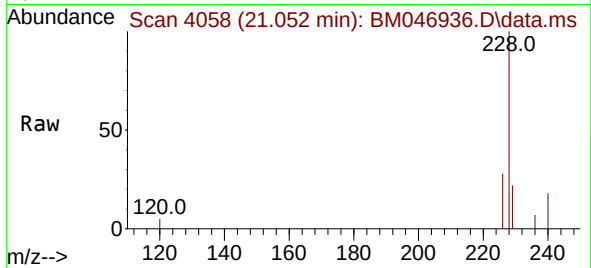
Tgt Ion:202 Resp: 19401
Ion Ratio Lower Upper
202 100
101 5.5 5.2 7.8
100 4.5 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.006 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

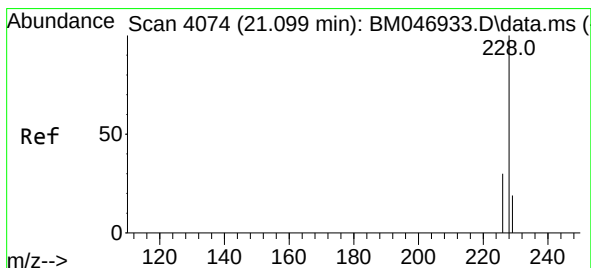
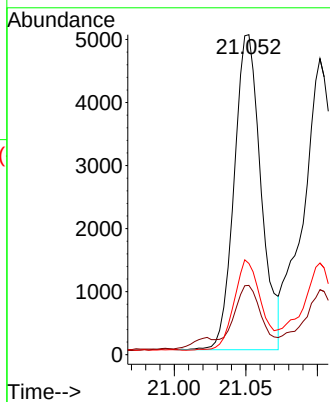
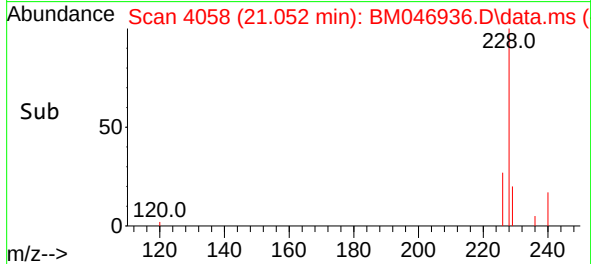
Instrument :
BNA_M
ClientSampleId :
F7E40DL



Tgt Ion:228 Resp: 6550
Ion Ratio Lower Upper
228 100
229 21.7 16.3 24.5
226 28.5 22.3 33.5

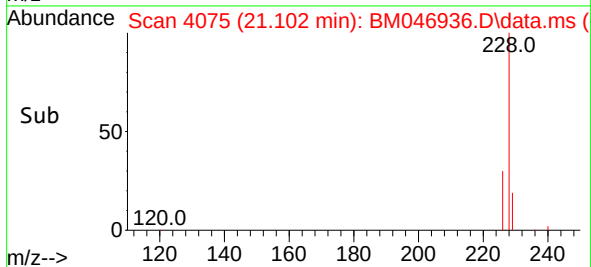
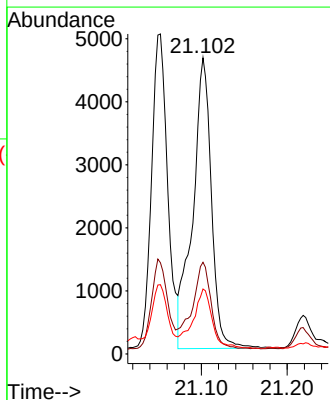
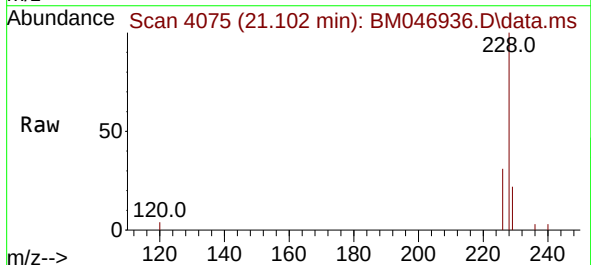
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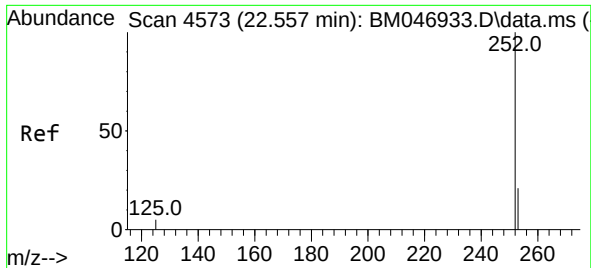
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.276 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. -0.006 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

Tgt Ion:228 Resp: 6991
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.0 16.2 24.2





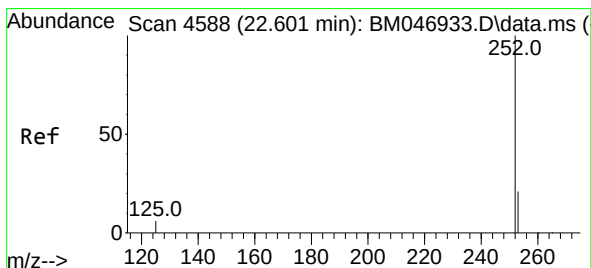
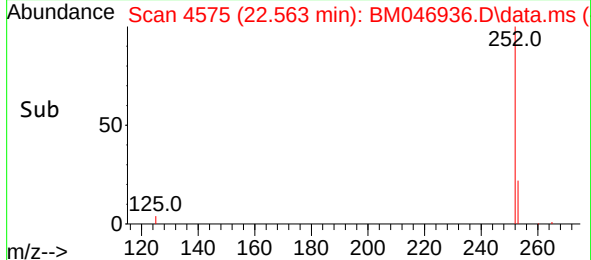
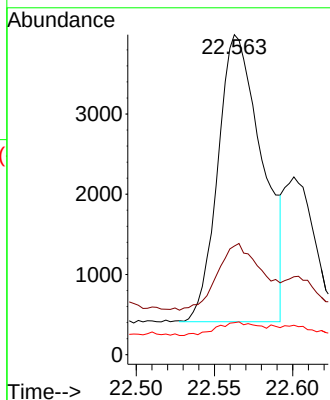
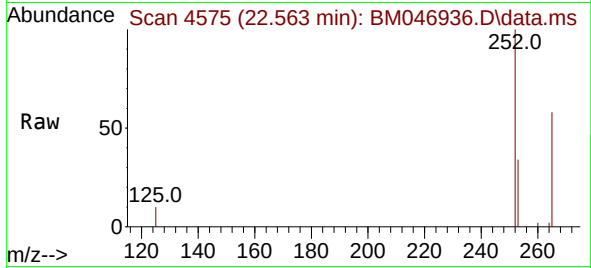
#24
Benzo(b)fluoranthene
Concen: 0.254 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.006 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

Instrument :
BNA_M
ClientSampleId :
F7E40DL

Tgt Ion:252 Resp: 7060
Ion Ratio Lower Upper
252 100
253 34.0 0.0 56.4
125 10.0 0.0 15.8

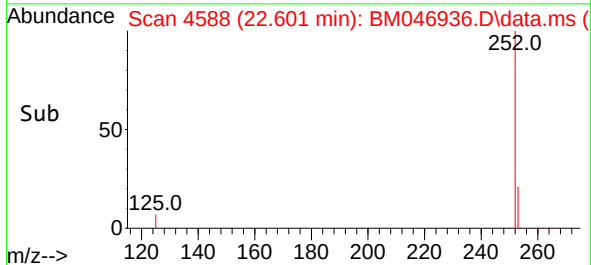
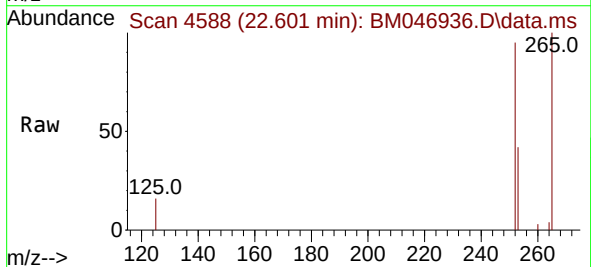
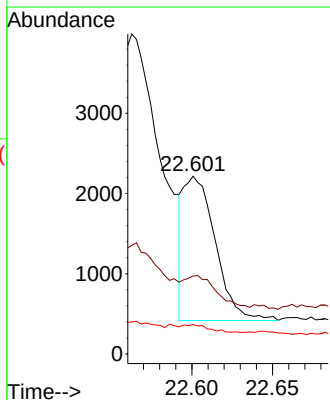
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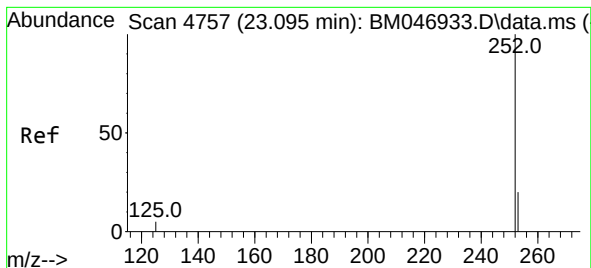
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.089 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. -0.009 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

Tgt Ion:252 Resp: 2482
Ion Ratio Lower Upper
252 100
253 43.9 23.5 35.3#
125 16.5 8.6 13.0#





#26

Benzo(a)pyrene

Concen: 0.205 ng/ul

RT: 23.098 min Scan# 4758

Delta R.T. -0.006 min

Lab File: BM046936.D

Acq: 31 Jul 2024 10:30

Instrument :

BNM

ClientSampleId :

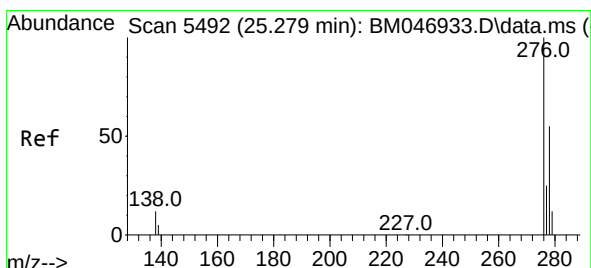
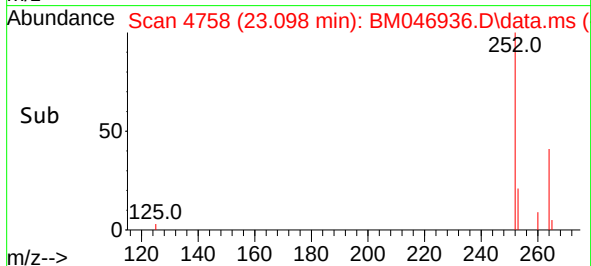
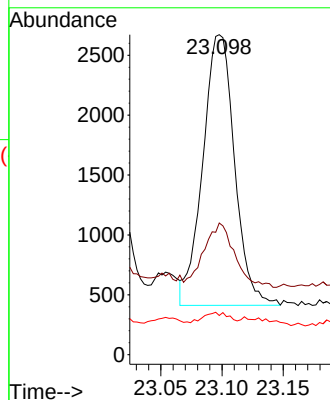
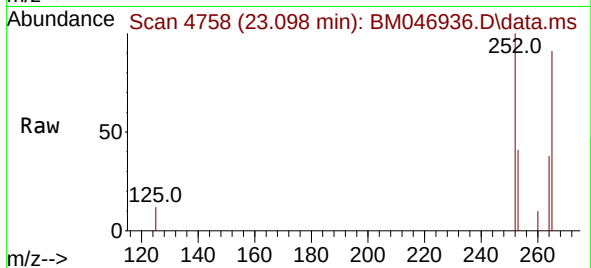
F7E40DL

Tgt Ion:	252	Resp:	408
Ion Ratio	Lower	Upper	
252	100		
253	41.2	26.0	39.0
125	12.2	7.8	11.8

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.076 ng/ul

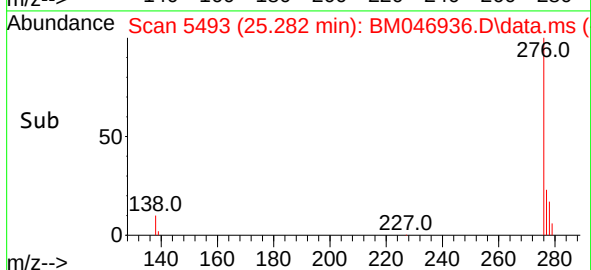
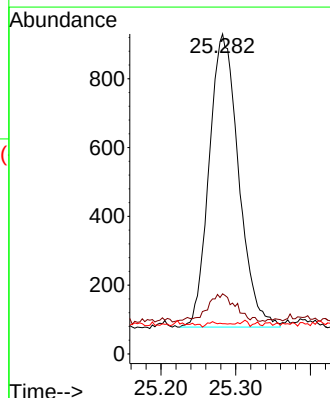
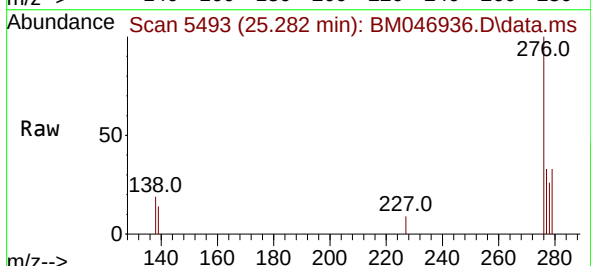
RT: 25.282 min Scan# 5493

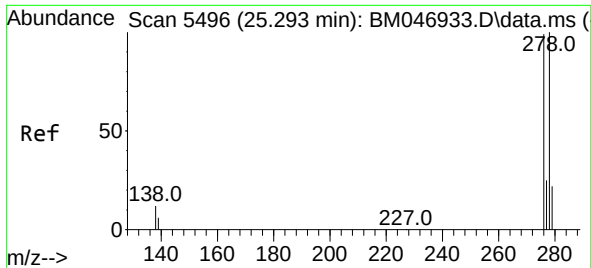
Delta R.T. -0.014 min

Lab File: BM046936.D

Acq: 31 Jul 2024 10:30

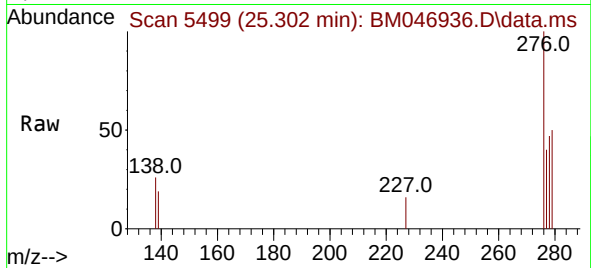
Tgt Ion:	276	Resp:	2336
Ion Ratio	Lower	Upper	
276	100		
138	9.8	9.7	14.5
227	1.2	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.302 min Scan# 5499
Delta R.T. -0.007 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30

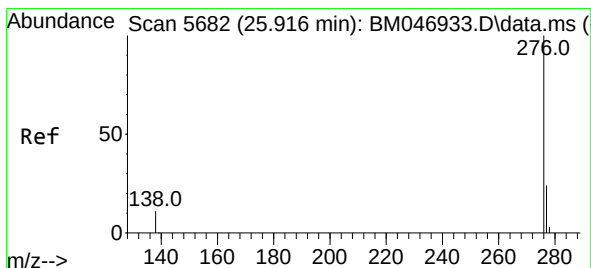
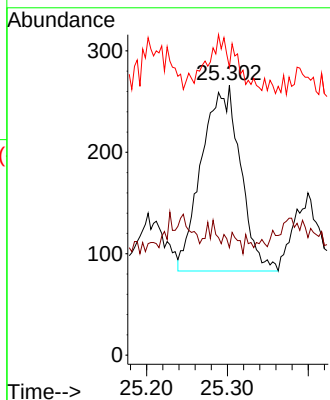
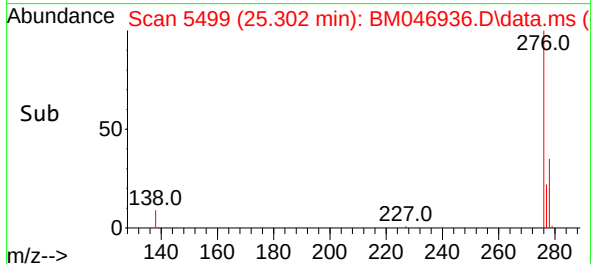
Instrument :
BNA_M
ClientSampleId :
F7E40DL



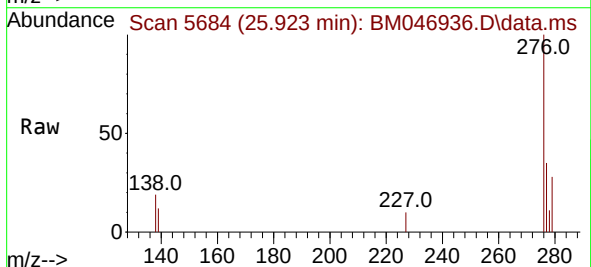
Tgt Ion:278 Resp: 608
Ion Ratio Lower Upper
278 100
139 39.8 9.8 14.8
279 106.8 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 25.923 min Scan# 5684
Delta R.T. -0.010 min
Lab File: BM046936.D
Acq: 31 Jul 2024 10:30



Tgt Ion:276 Resp: 2326
Ion Ratio Lower Upper
276 100
138 19.2 9.5 14.3#
277 34.6 20.9 31.3#

