

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040979.D
 Acq On : 20 Jul 2023 13:37
 Operator : MA/JU
 Sample : 03452-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 14:35:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	3309	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.675	136	12223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	4976	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	16382	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	6344	0.400	ng/ul	0.00
23) Perylene-d12	23.863	264	6531	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	18080	3.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	6181	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	11046	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	774	0.023	ng/ul#	65
10) Acenaphthylene	14.240	152	1076	0.052	ng/ul#	83
15) Phenanthrene	17.316	178	6578	0.134	ng/ul	98
16) Anthracene	17.409	178	1280	0.034	ng/ul#	82
19) Fluoranthene	19.338	202	11555	0.353	ng/ul	99
20) Pyrene	19.701	202	11992	0.358	ng/ul	99
21) Benzo(a)anthracene	21.454	228	4232	0.219	ng/ul	92
22) Chrysene	21.507	228	3939	0.178	ng/ul#	93
24) Benzo(b)fluoranthene	23.135	252	4891	0.195	ng/ul	83
25) Benzo(k)fluoranthene	23.176	252	1841m	0.077	ng/ul	
26) Benzo(a)pyrene	23.752	252	3340	0.154	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.341	276	2497	0.087	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.351	278	497	0.023	ng/ul#	8
29) Benzo(g,h,i)perylene	27.099	276	2680	0.101	ng/ul#	86

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

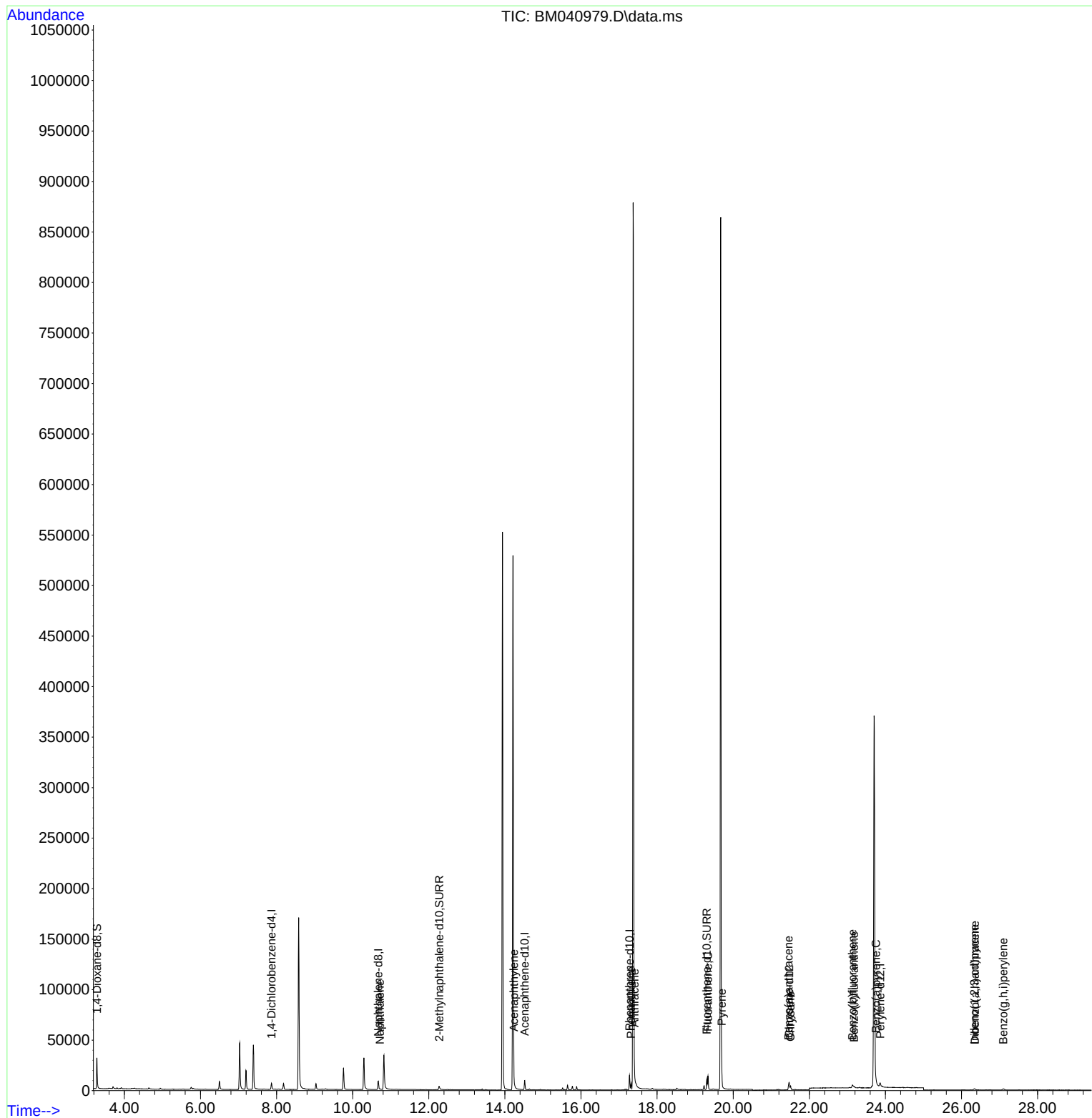
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040979.D
Acq On : 20 Jul 2023 13:37
Operator : MA/JU
Sample : 03452-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

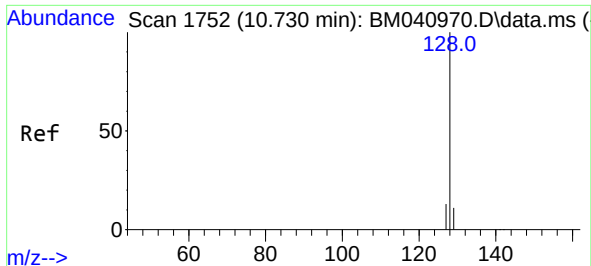
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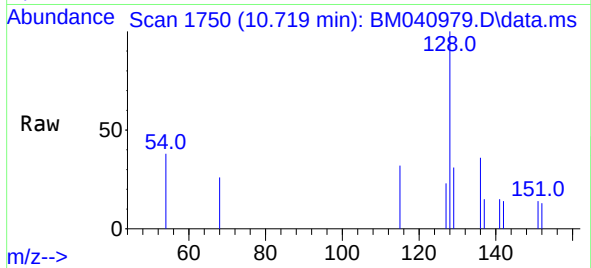
Quant Time: Jul 20 14:35:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
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#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

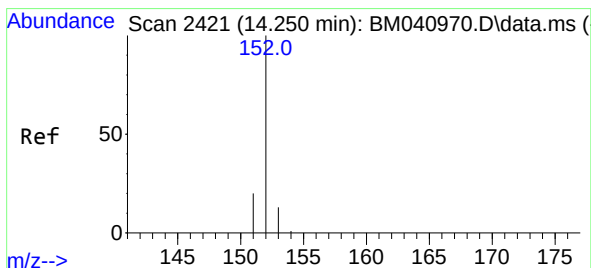
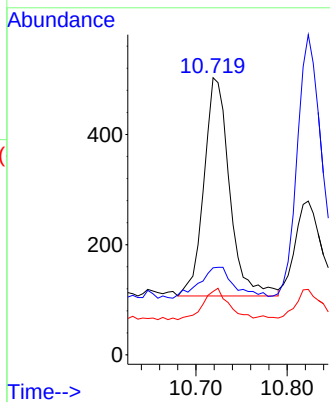
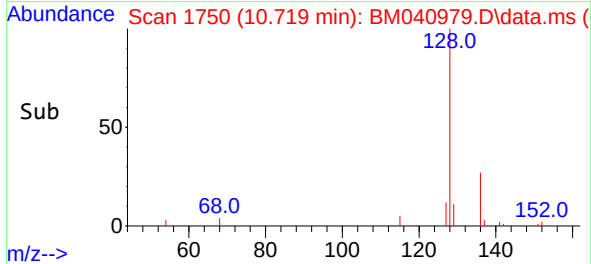
Instrument :
BNA_M
ClientSampleId :
A46N6



Tgt Ion:128 Resp: 774
Ion Ratio Lower Upper
128 100
129 31.4 9.8 14.8#
127 22.9 11.0 16.4#

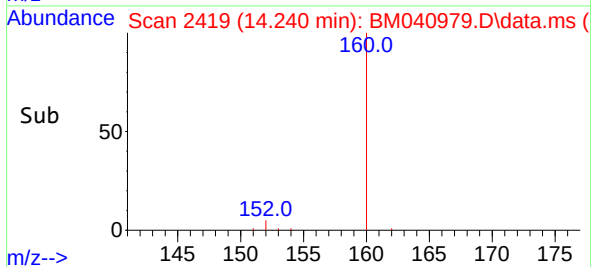
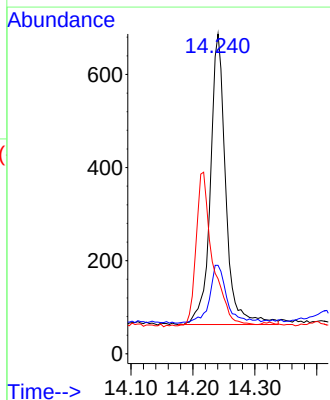
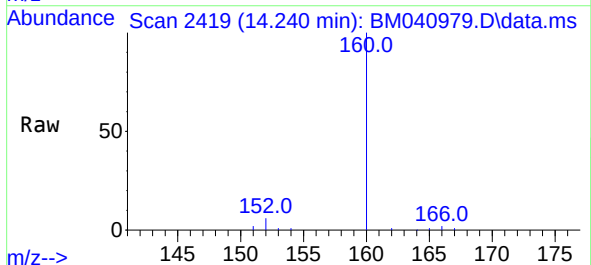
Manual Integrations
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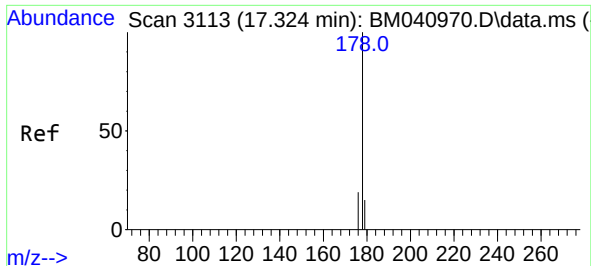
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

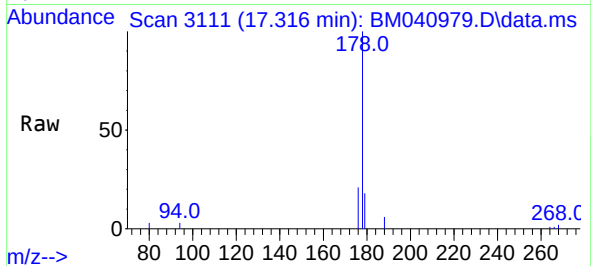
Tgt Ion:152 Resp: 1076
Ion Ratio Lower Upper
152 100
151 27.7 16.8 25.2#
153 23.4 11.6 17.4#





#15
Phenanthrene
Concen: 0.134 ng/u1
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

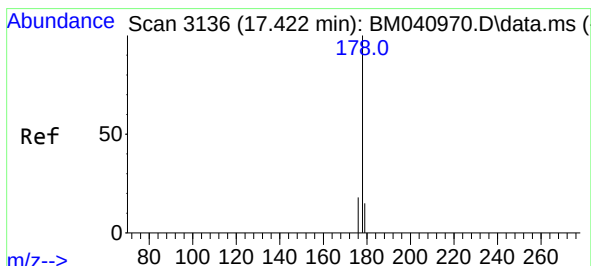
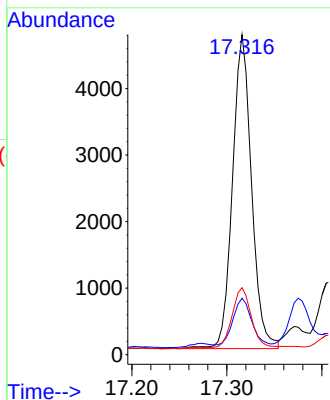
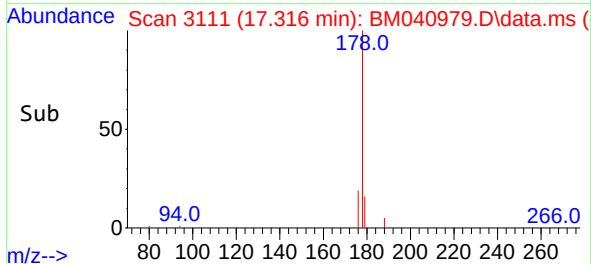
Instrument :
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Tgt Ion:178 Resp: 6578
Ion Ratio Lower Upper
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179 17.6 13.0 19.6
176 20.9 16.2 24.4

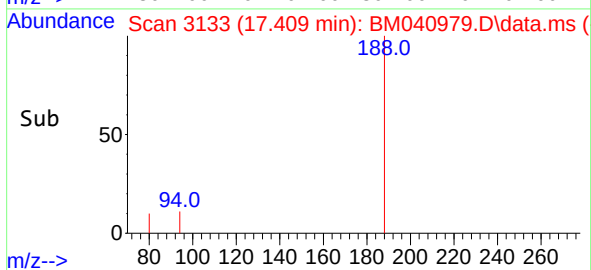
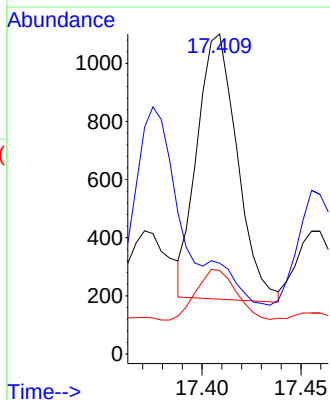
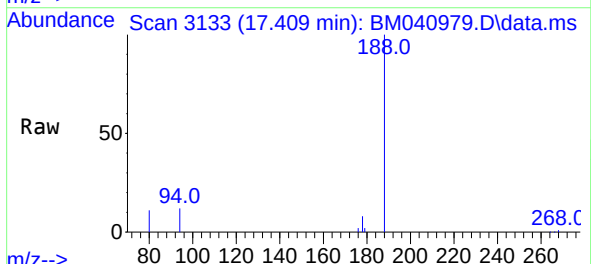
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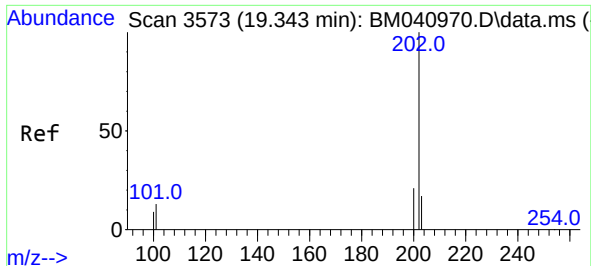
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#16
Anthracene
Concen: 0.034 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. -0.013 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

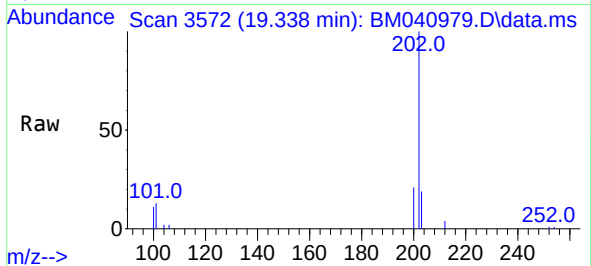
Tgt Ion:178 Resp: 1280
Ion Ratio Lower Upper
178 100
179 28.3 13.7 20.5#
176 26.1 16.4 24.6#





#19
Fluoranthene
Concen: 0.353 ng/u1
RT: 19.338 min Scan# 3155
Delta R.T. -0.005 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

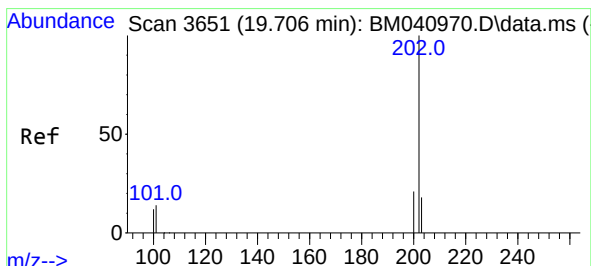
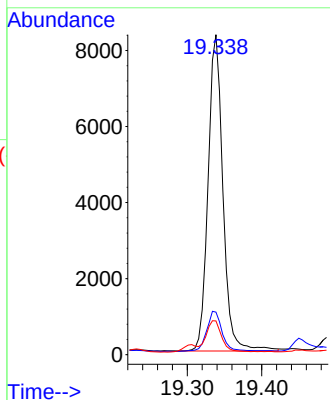
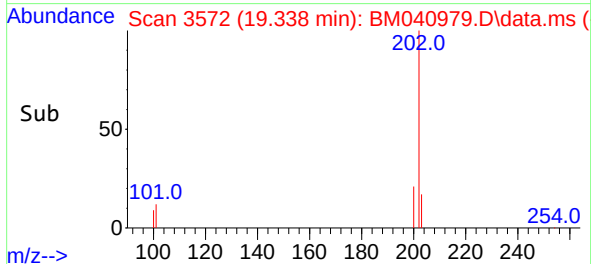
Instrument :
BNA_M
ClientSampleId :
A46N6



Tgt Ion:202 Resp: 1155
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.6 8.3 12.5

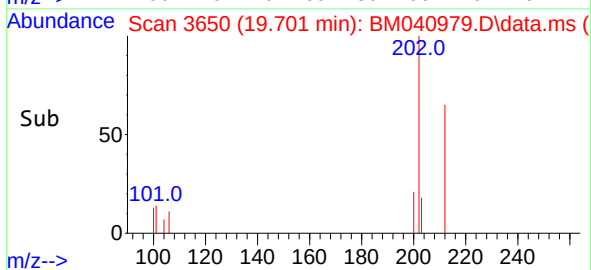
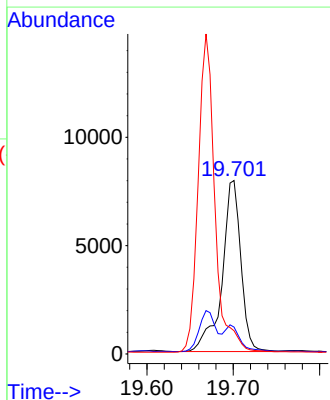
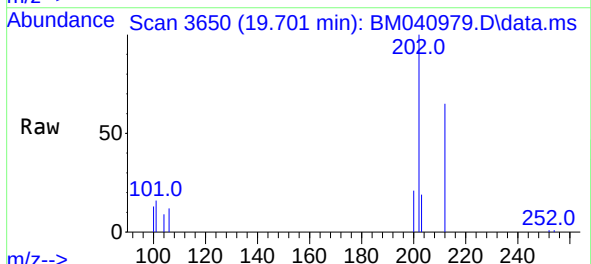
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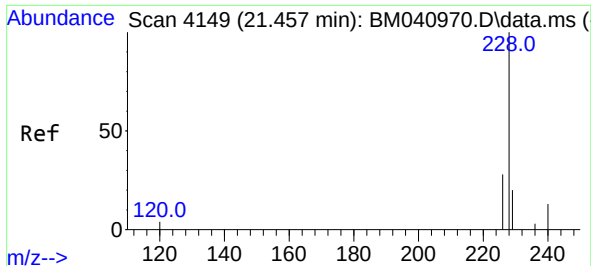
Reviewed By :Yogesh Patel 07/20/2023
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#20
Pyrene
Concen: 0.358 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.005 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

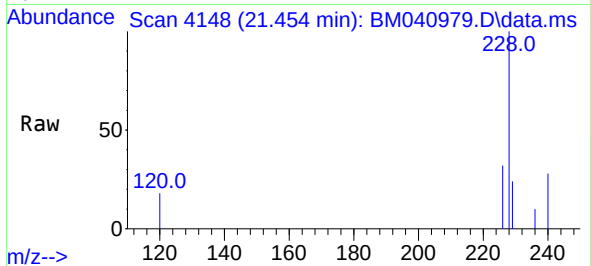
Tgt Ion:202 Resp: 11992
Ion Ratio Lower Upper
202 100
101 15.5 12.5 18.7
100 13.4 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.219 ng/u1
RT: 21.454 min Scan# 4149
Delta R.T. -0.003 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

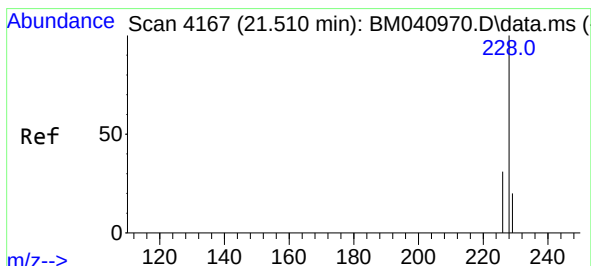
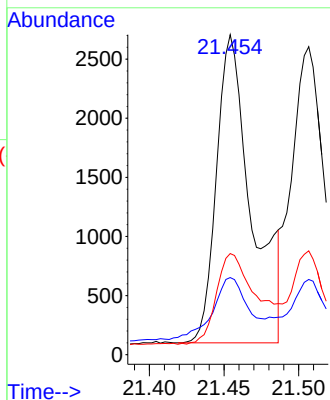
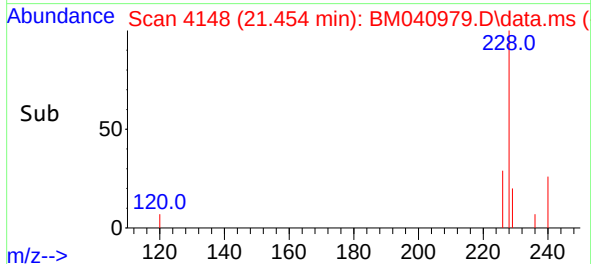
Instrument :
BNA_M
ClientSampleId :
A46N6



Tgt Ion:228 Resp: 4232
Ion Ratio Lower Upper
228 100
229 24.1 16.2 24.4
226 31.6 22.3 33.5

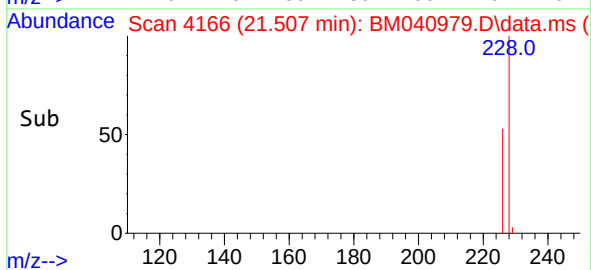
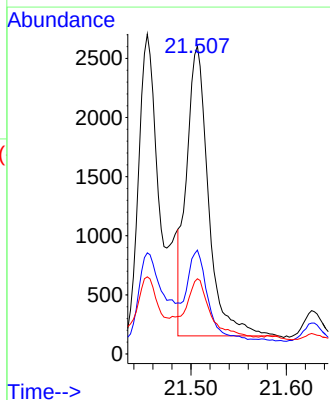
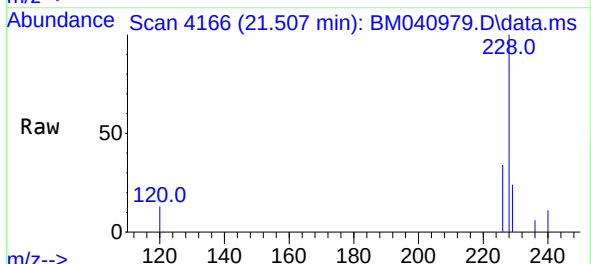
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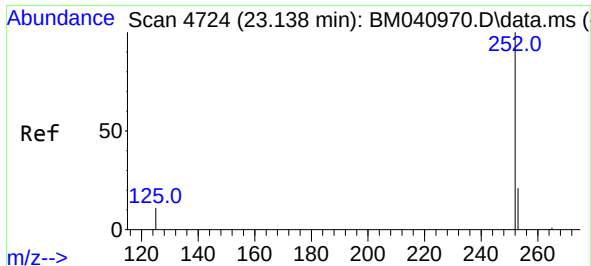
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#22
Chrysene
Concen: 0.178 ng/u1
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

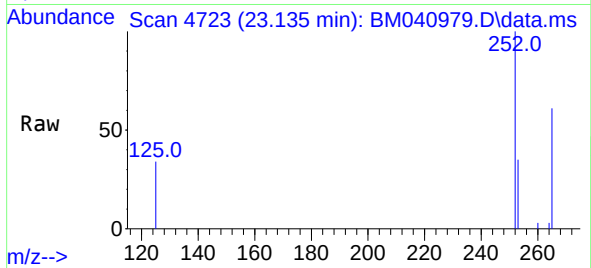
Tgt Ion:228 Resp: 3939
Ion Ratio Lower Upper
228 100
226 33.7 24.6 37.0
229 24.4 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 0.195 ng/ul
RT: 23.135 min Scan# 4724
Delta R.T. 0.000 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

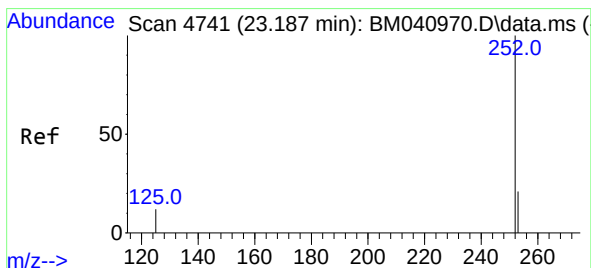
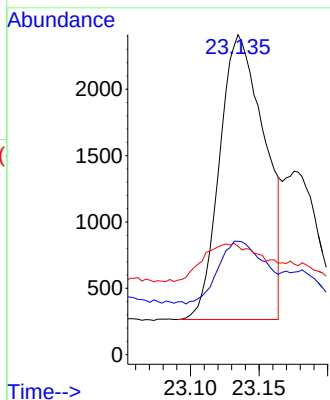
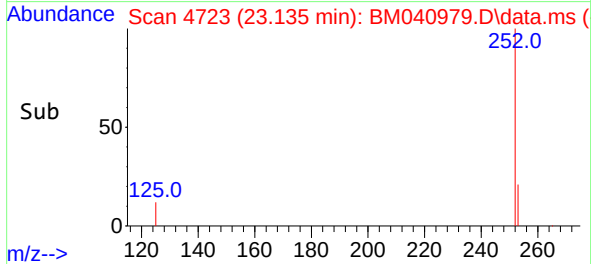
Instrument :
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ClientSampleId :
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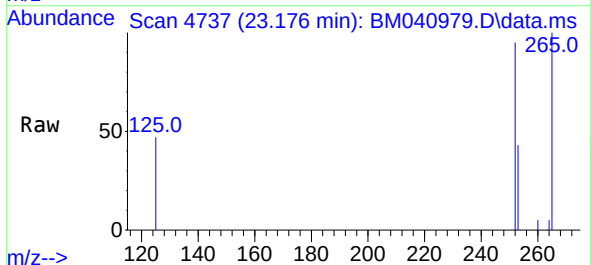
Tgt Ion:252 Resp: 489
Ion Ratio Lower Upper
252 100
253 35.5 0.0 57.4
125 33.9 0.0 45.2

Manual Integrations
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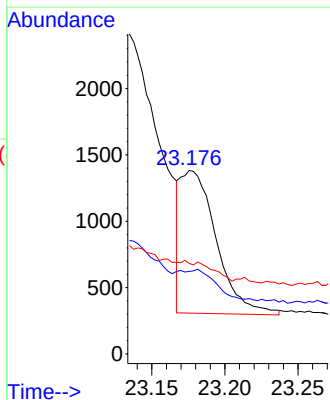
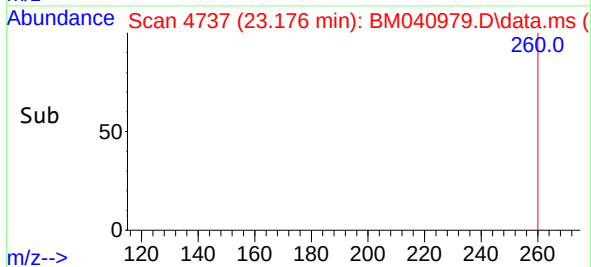
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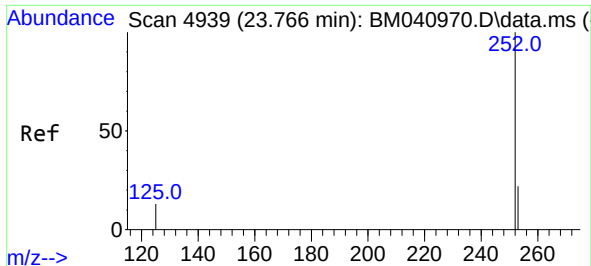


#25
Benzo(k)fluoranthene
Concen: 0.077 ng/ul m
RT: 23.176 min Scan# 4737
Delta R.T. -0.012 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37



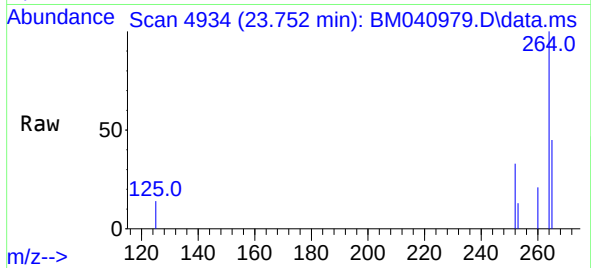
Tgt Ion:252 Resp: 1841
Ion Ratio Lower Upper
252 100
253 45.0 23.3 34.9#
125 49.3 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.154 ng/u1
RT: 23.752 min Scan# 4934
Delta R.T. -0.012 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

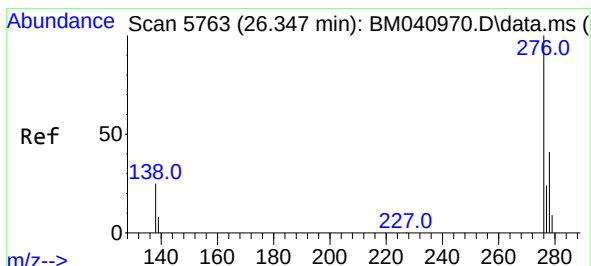
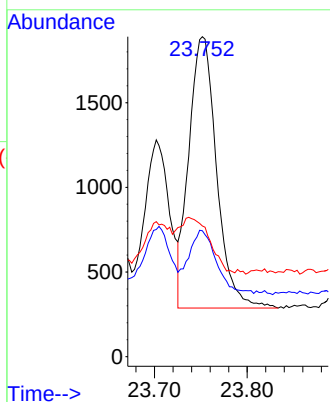
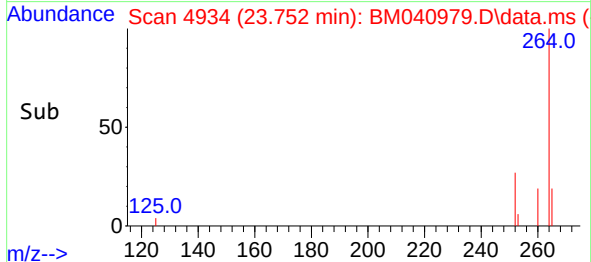
Instrument :
BNA_M
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A46N6



Tgt Ion:252 Resp: 3340
Ion Ratio Lower Upper
252 100
253 39.4 28.2 42.2
125 40.8 25.2 37.8

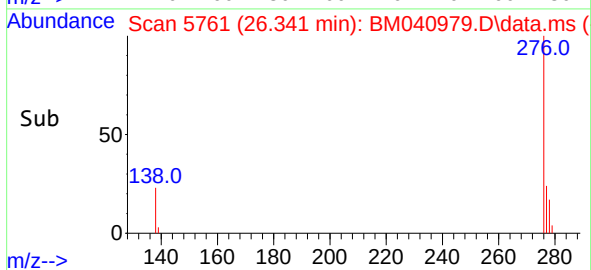
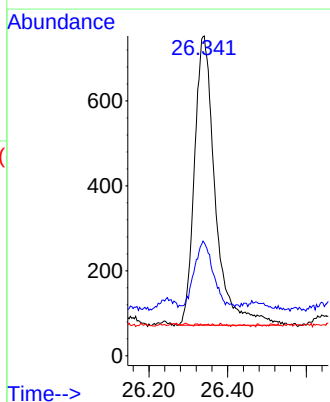
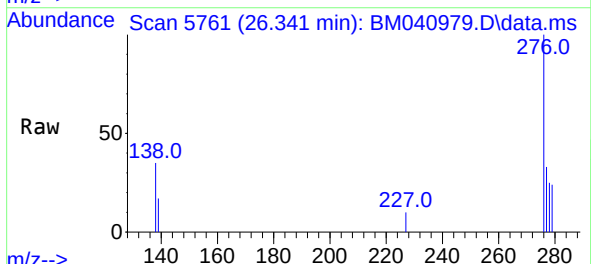
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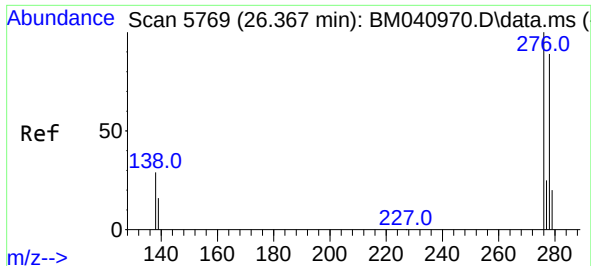
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/u1
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

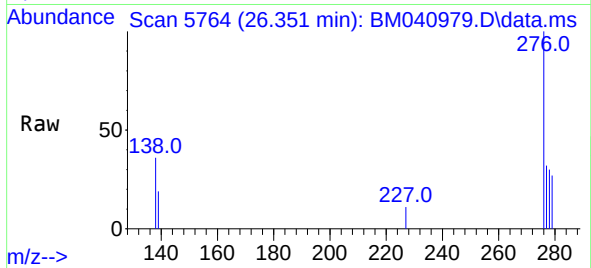
Tgt Ion:276 Resp: 2497
Ion Ratio Lower Upper
276 100
138 21.8 22.3 33.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.351 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37

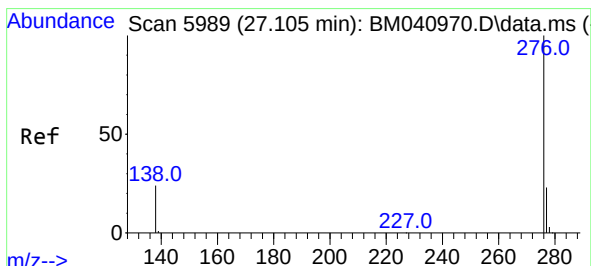
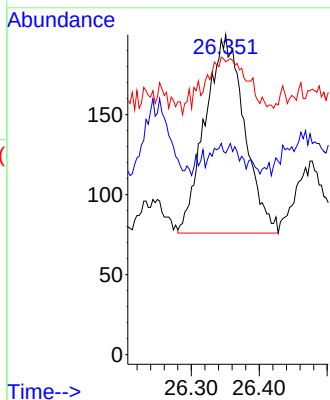
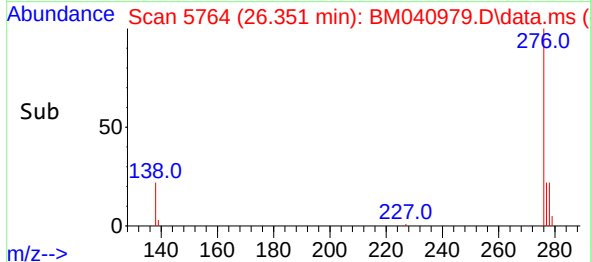
Instrument :
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ClientSampleId :
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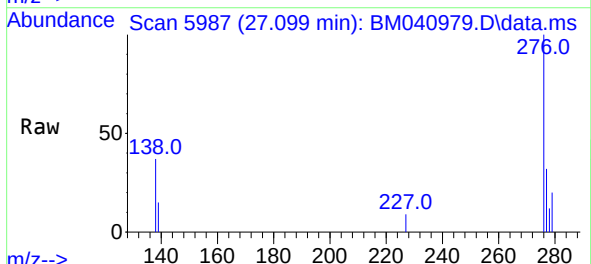
Tgt Ion:278 Resp: 49
Ion Ratio Lower Upper
278 100
139 63.0 19.2 28.8
279 91.5 27.0 40.6

Manual Integrations
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Supervised By :Sohil Jodhani 07/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 27.099 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040979.D
Acq: 20 Jul 2023 13:37



Tgt Ion:276 Resp: 2680
Ion Ratio Lower Upper
276 100
138 37.4 22.6 34.0
277 31.8 21.2 31.8

