

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042623\
 Data File : BM039689.D
 Acq On : 26 Apr 2023 21:33
 Operator : CG/JU
 Sample : 02488-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHE62

Quant Time: Apr 27 01:22:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:14:42 2023
 Response via : Initial Calibration

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

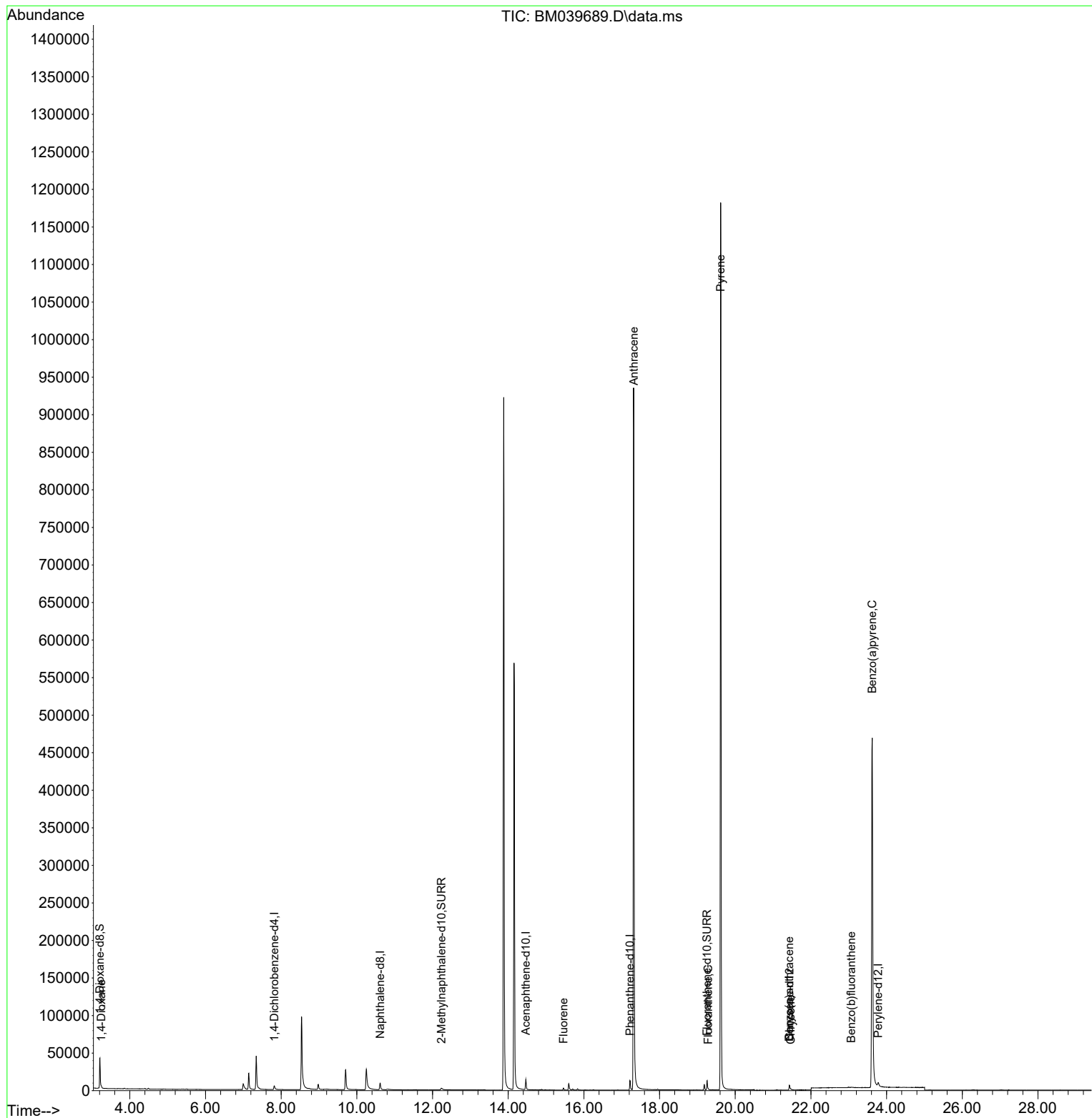
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	3744	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.617	136	14097	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.464	164	7795	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.217	188	16118	0.400	ng/ul	-0.03
17) Chrysene-d12	21.430	240	9623	0.400	ng/ul	#-0.01
23) Perylene-d12	23.777	264	10605	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	24427	3.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	6349	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	14961	0.499	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	1125	0.152	ng/ul#	86
12) Fluorene	15.459	166	2651	0.112	ng/ul#	17
16) Anthracene	17.318	178	1030	0.030	ng/ul#	1
19) Fluoranthene	19.285	202	810	0.020	ng/ul#	63
20) Pyrene	19.615	202	2931	0.064	ng/ul#	1
21) Benzo(a)anthracene	21.424	228	498	0.022	ng/ul#	52
22) Chrysene	21.465	228	608	0.022	ng/ul#	66
24) Benzo(b)fluoranthene	23.067	252	941	0.028	ng/ul#	1
26) Benzo(a)pyrene	23.619	252	3187	0.094	ng/ul#	53

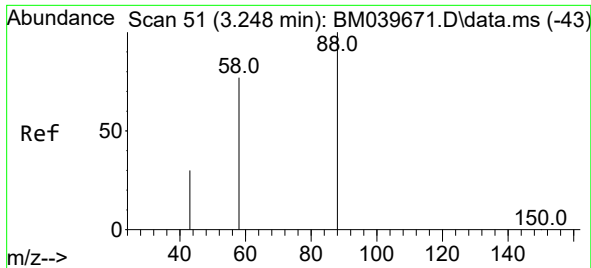
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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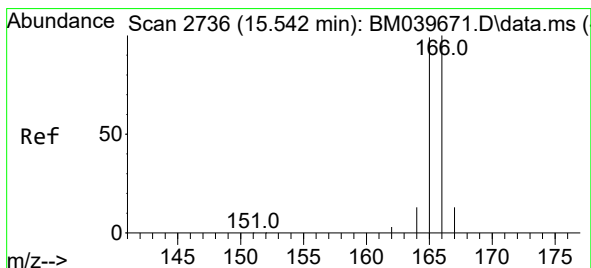
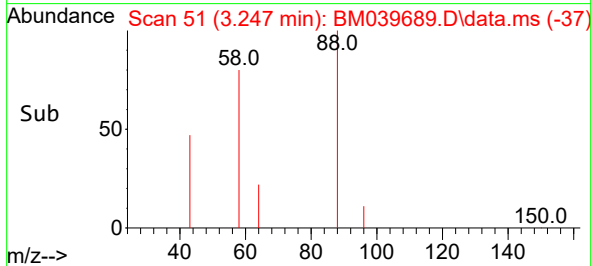
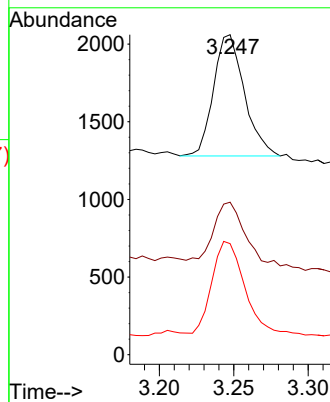
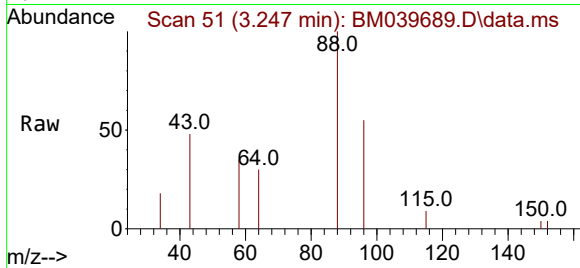




#2
1,4-Dioxane
Concen: 0.152 ng/ul
RT: 3.247 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM039689.D
Acq: 26 Apr 2023 21:33

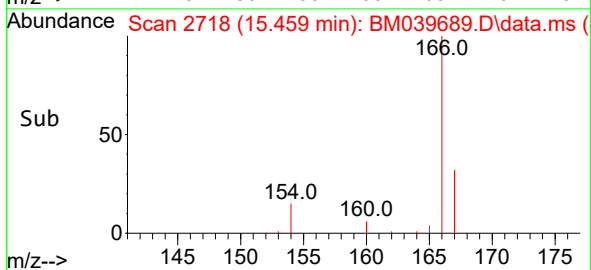
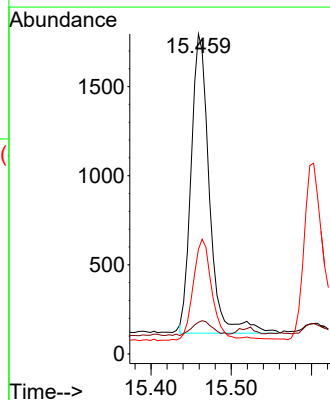
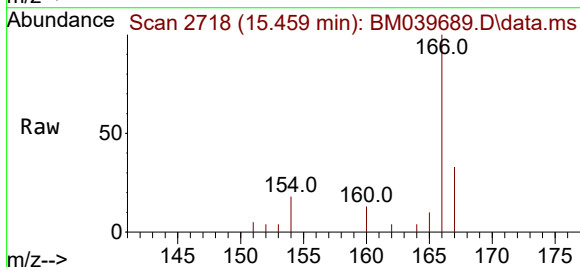
Instrument :
BNA_M
ClientSampleId :
BHE62

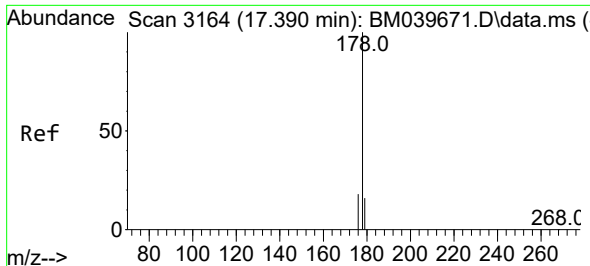
Tgt Ion: 88 Resp: 1125
Ion Ratio Lower Upper
88 100
43 47.6 30.6 45.8#
58 34.7 34.1 51.1



#12
Fluorene
Concen: 0.112 ng/ul
RT: 15.459 min Scan# 2718
Delta R.T. -0.083 min
Lab File: BM039689.D
Acq: 26 Apr 2023 21:33

Tgt Ion: 166 Resp: 2651
Ion Ratio Lower Upper
166 100
165 9.9 77.8 116.8#
167 32.7 11.8 17.6#

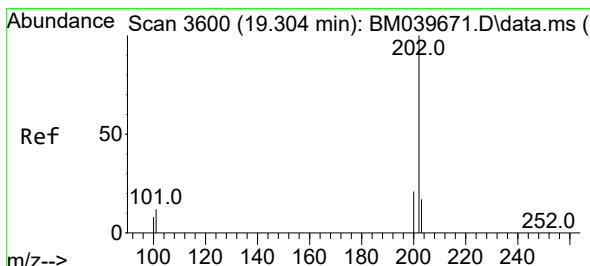
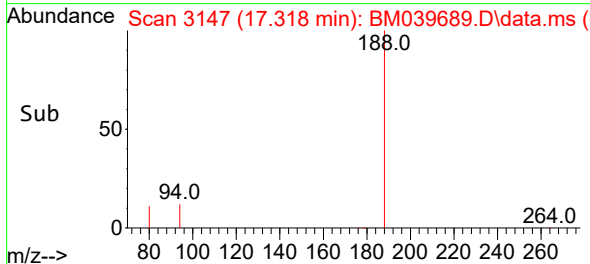
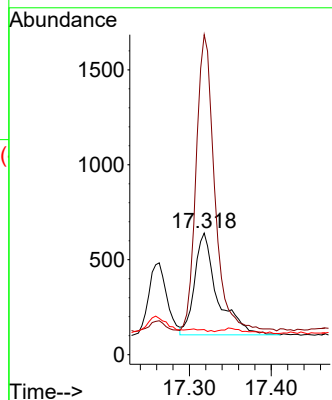
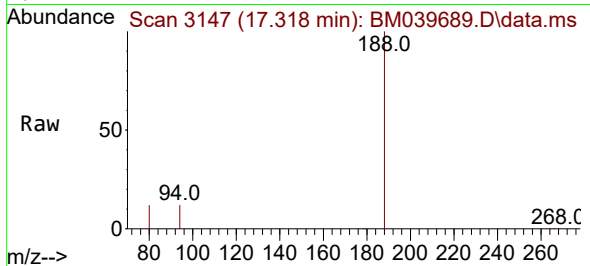




#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.318 min Scan# 3164
 Delta R.T. -0.072 min
 Lab File: BM039689.D
 Acq: 26 Apr 2023 21:33

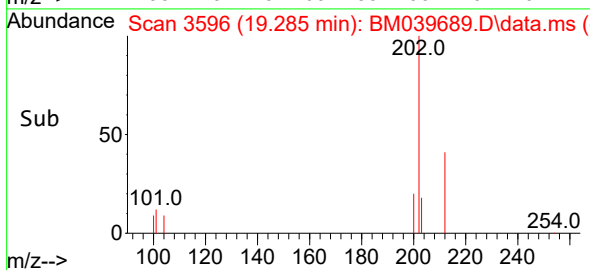
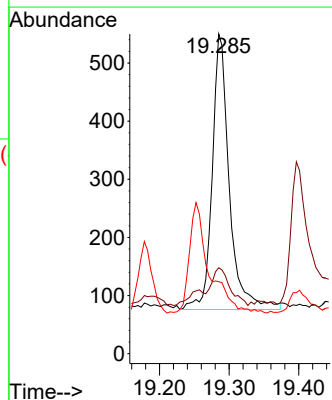
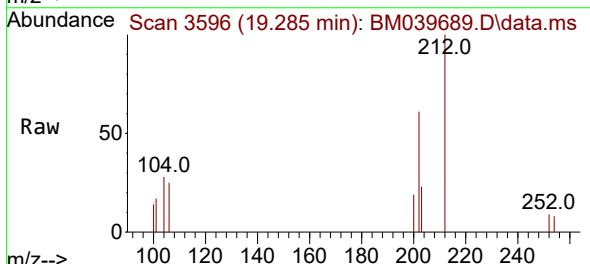
Instrument :
 BNA_M
 ClientSampleId :
 BHE62

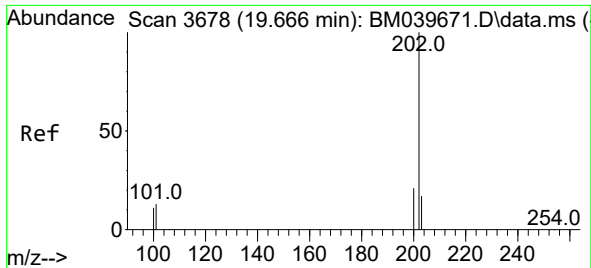
Tgt Ion:178 Resp: 1030
 Ion Ratio Lower Upper
 178 100
 179 263.3 14.6 21.8#
 176 20.6 16.6 24.8



#19
 Fluoranthene
 Concen: 0.020 ng/ul
 RT: 19.285 min Scan# 3596
 Delta R.T. -0.019 min
 Lab File: BM039689.D
 Acq: 26 Apr 2023 21:33

Tgt Ion:202 Resp: 810
 Ion Ratio Lower Upper
 202 100
 101 26.9 9.7 14.5#
 100 22.5 7.4 11.0#

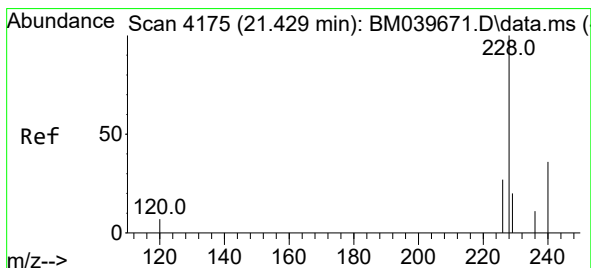
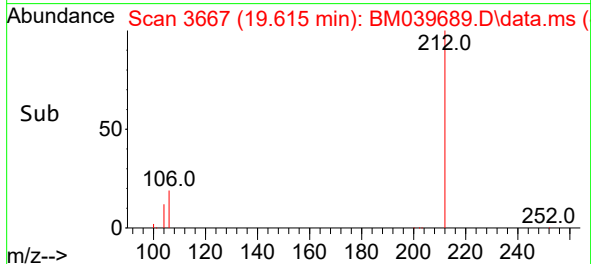
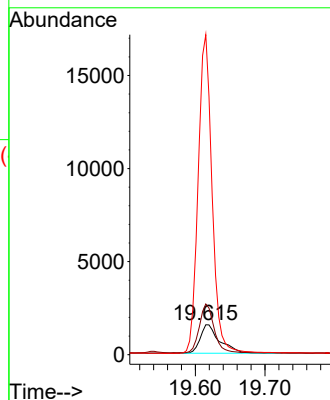
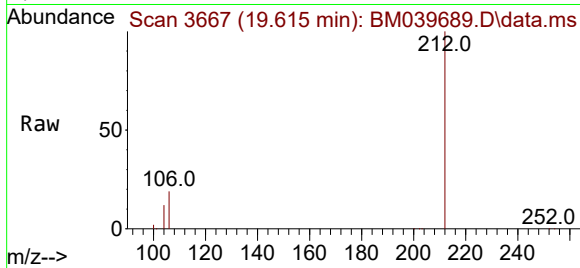




#20
Pyrene
Concen: 0.064 ng/ul
RT: 19.615 min Scan# 30
Delta R.T. -0.051 min
Lab File: BM039689.D
Acq: 26 Apr 2023 21:33

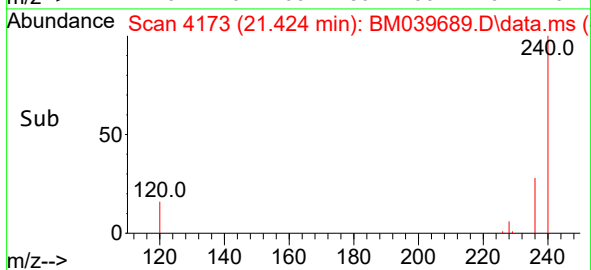
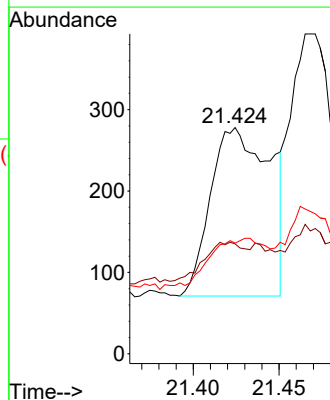
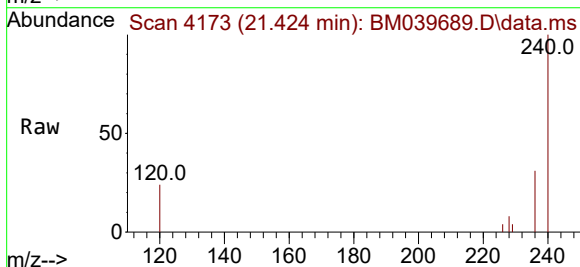
Instrument :
BNA_M
ClientSampleId :
BHE62

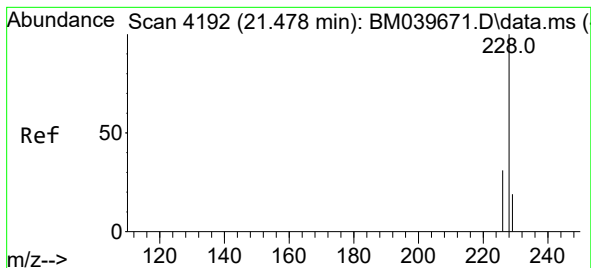
Tgt Ion:202 Resp: 2931
Ion Ratio Lower Upper
202 100
101 169.6 11.1 16.7#
100 1070.5 8.8 13.2#



#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.424 min Scan# 4173
Delta R.T. -0.004 min
Lab File: BM039689.D
Acq: 26 Apr 2023 21:33

Tgt Ion:228 Resp: 498
Ion Ratio Lower Upper
228 100
229 48.6 16.6 24.8#
226 48.9 22.6 34.0#





#22

Chrysene

Concen: 0.022 ng/ul

RT: 21.465 min Scan# 41

Delta R.T. -0.013 min

Lab File: BM039689.D

Acq: 26 Apr 2023 21:33

Instrument :

BNA_M

ClientSampleId :

BHE62

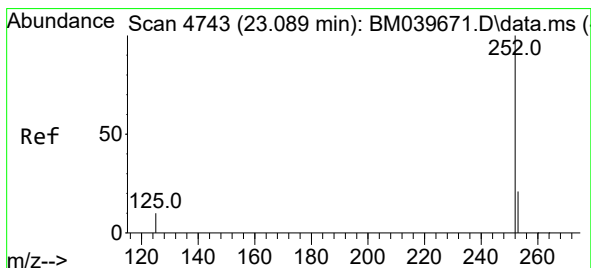
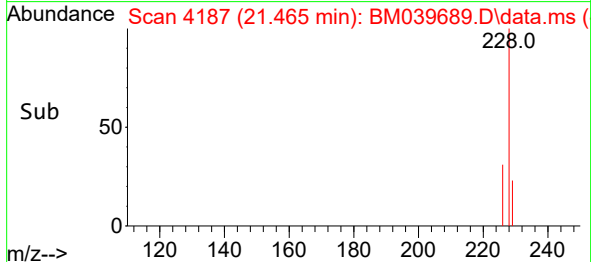
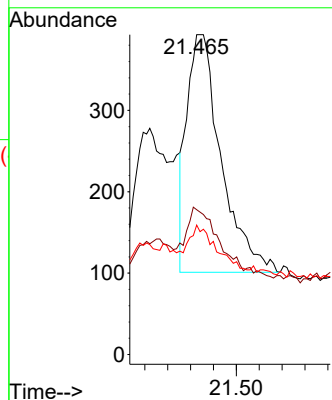
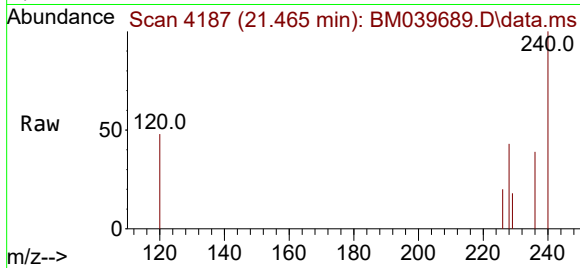
Tgt Ion:228 Resp: 608

Ion Ratio Lower Upper

228 100

226 45.3 24.2 36.2#

229 40.5 16.2 24.4#



#24

Benzo(b)fluoranthene

Concen: 0.028 ng/ul

RT: 23.067 min Scan# 4735

Delta R.T. -0.022 min

Lab File: BM039689.D

Acq: 26 Apr 2023 21:33

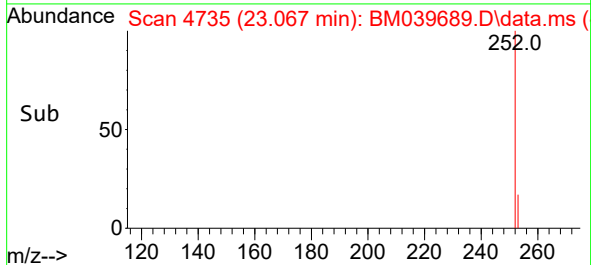
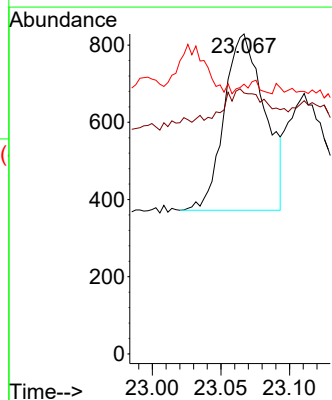
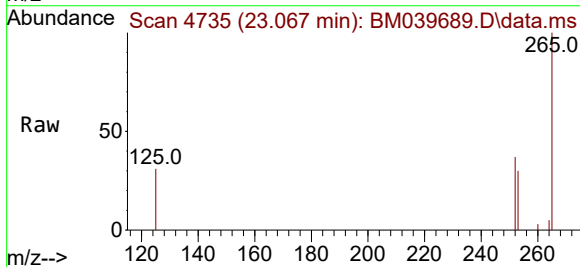
Tgt Ion:252 Resp: 941

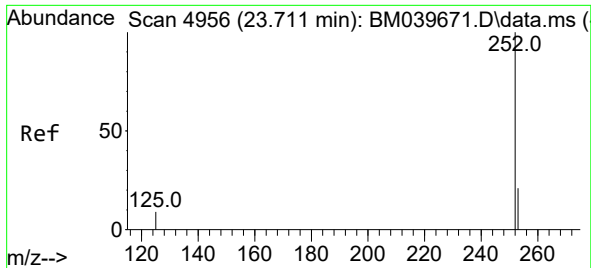
Ion Ratio Lower Upper

252 100

253 81.5 0.0 64.4#

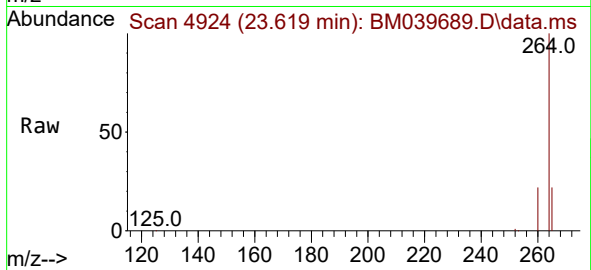
125 84.3 0.0 50.4#





#26
Benzo(a)pyrene
Concen: 0.094 ng/ul
RT: 23.619 min Scan# 4956
Delta R.T. -0.092 min
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Tgt Ion:252 Resp: 3187
Ion Ratio Lower Upper
252 100
253 68.8 31.0 46.4#
125 61.7 28.2 42.4#

