

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036892.D
 Acq On : 08 Oct 2022 12:43
 Operator : CG/JU
 Sample : N4873-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXZ56

Quant Time: Oct 10 01:25:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

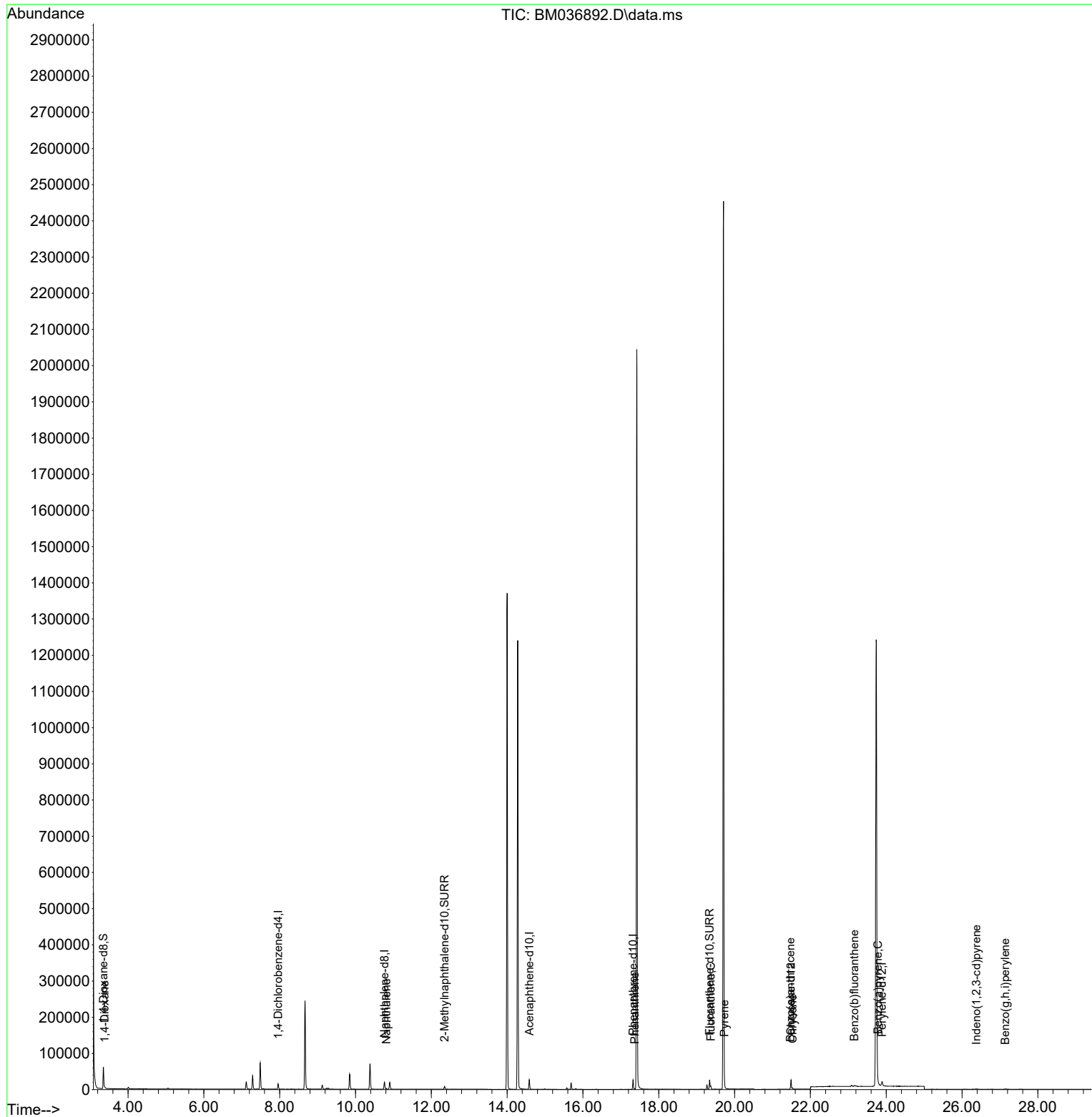
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7349	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25743	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.584	164	14244	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	29042	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	21896	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	17672	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	37729	3.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	11284	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	26928	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	1376	0.136	ng/ul#	81
5) Naphthalene	10.814	128	1718	0.023	ng/ul#	87
15) Phenanthrene	17.364	178	1863	0.020	ng/ul#	84
19) Fluoranthene	19.373	202	7867	0.090	ng/ul	98
20) Pyrene	19.735	202	6450	0.071	ng/ul#	95
21) Benzo(a)anthracene	21.473	228	2158	0.027	ng/ul#	92
22) Chrysene	21.526	228	3497	0.041	ng/ul	94
24) Benzo(b)fluoranthene	23.160	252	4441	0.056	ng/ul#	37
26) Benzo(a)pyrene	23.780	252	2242	0.035	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	26.376	276	1895	0.021	ng/ul#	95
29) Benzo(g,h,i)perylene	27.141	276	1972	0.025	ng/ul#	66

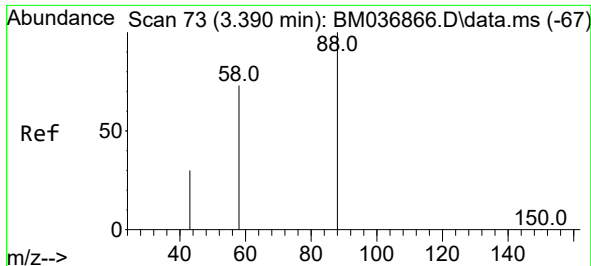
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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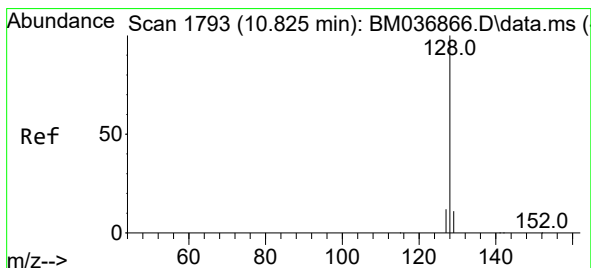
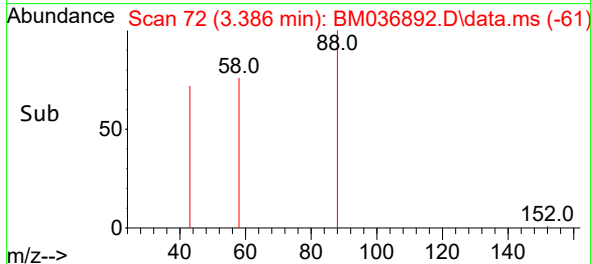
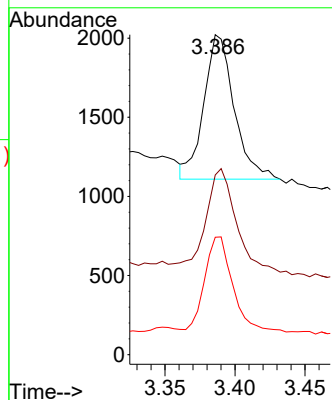
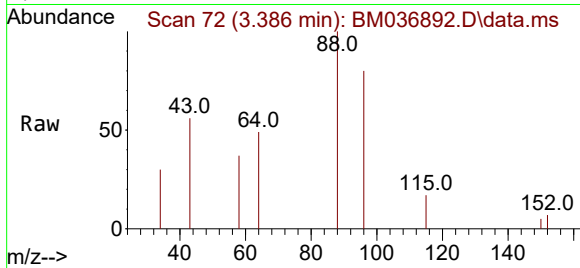




#2
1,4-Dioxane
Concen: 0.136 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036892.D
Acq: 08 Oct 2022 12:43

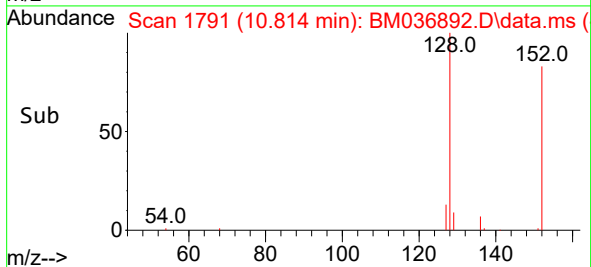
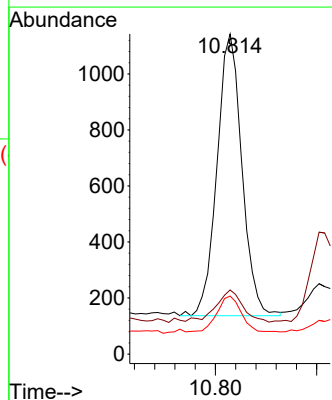
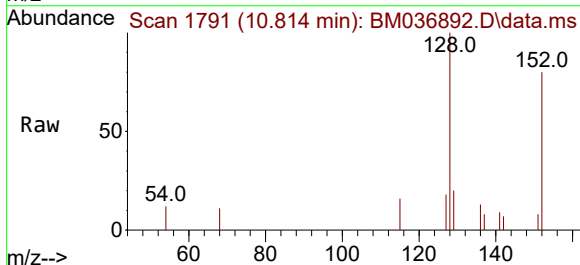
Instrument :
BNA_M
ClientSampleId :
EXZ56

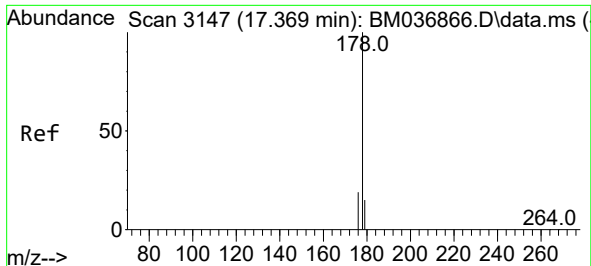
Tgt Ion: 88 Resp: 1376
Ion Ratio Lower Upper
88 100
43 56.1 37.8 56.6
58 36.7 42.6 63.8#



#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM036892.D
Acq: 08 Oct 2022 12:43

Tgt Ion: 128 Resp: 1718
Ion Ratio Lower Upper
128 100
129 20.0 10.2 15.2#
127 18.1 11.7 17.5#

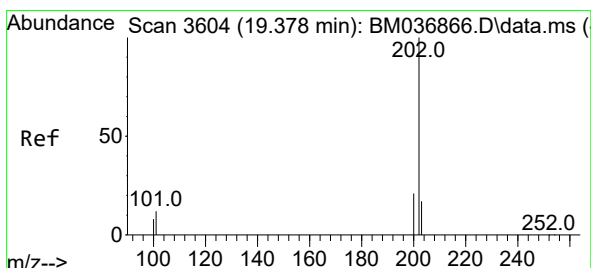
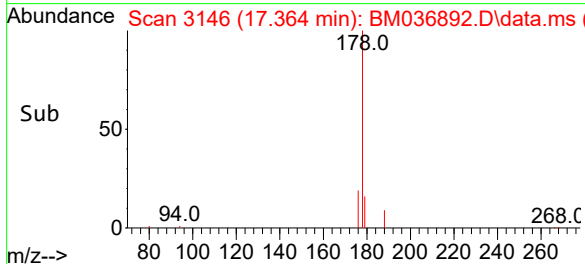
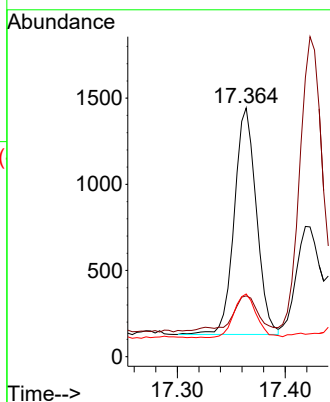
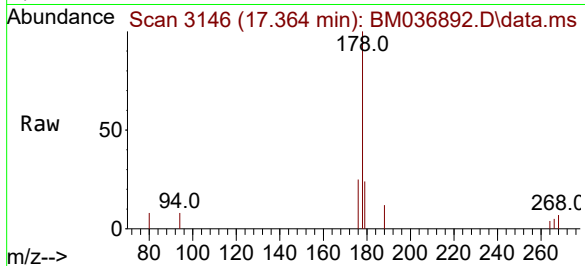




#15
Phenanthrene
Concen: 0.020 ng/ul
RT: 17.364 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BM036892.D
Acq: 08 Oct 2022 12:43

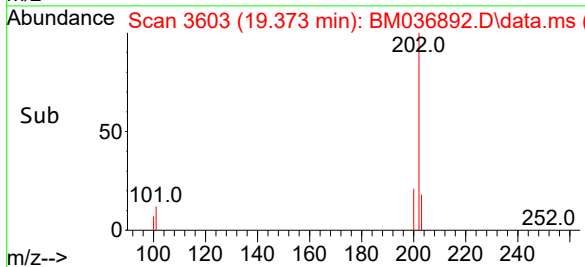
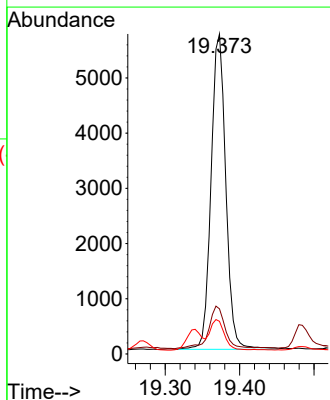
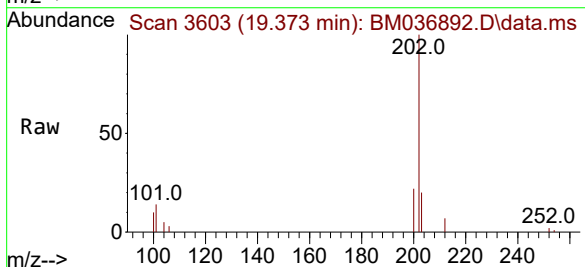
Instrument :
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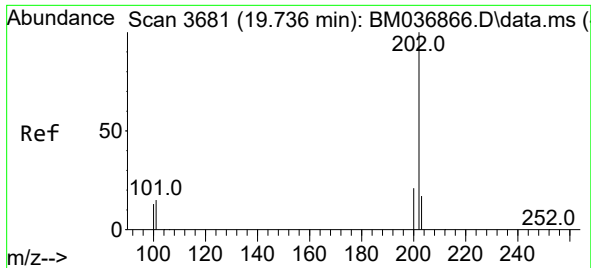
Tgt Ion:178 Resp: 1863
Ion Ratio Lower Upper
178 100
179 24.4 13.0 19.6#
176 25.2 15.6 23.4#



#19
Fluoranthene
Concen: 0.090 ng/ul
RT: 19.373 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BM036892.D
Acq: 08 Oct 2022 12:43

Tgt Ion:202 Resp: 7867
Ion Ratio Lower Upper
202 100
101 14.1 10.1 15.1
100 10.2 7.9 11.9

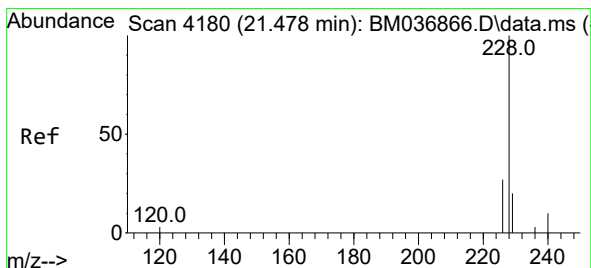
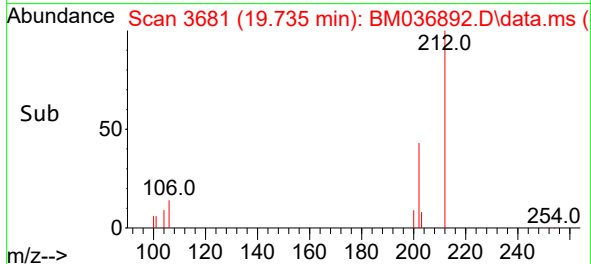
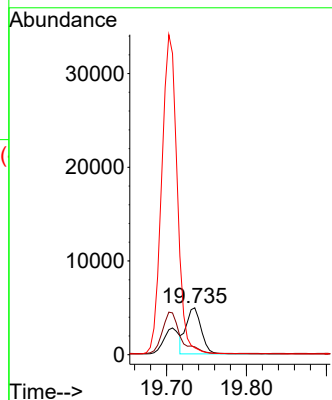
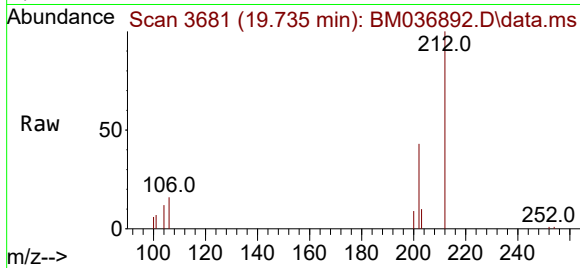




#20
Pyrene
Concen: 0.071 ng/ul
RT: 19.735 min Scan# 3681
Delta R.T. 0.004 min
Lab File: BM036892.D
Acq: 08 Oct 2022 12:43

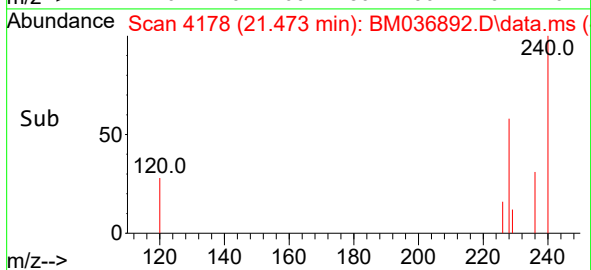
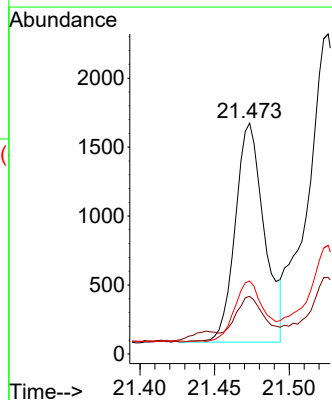
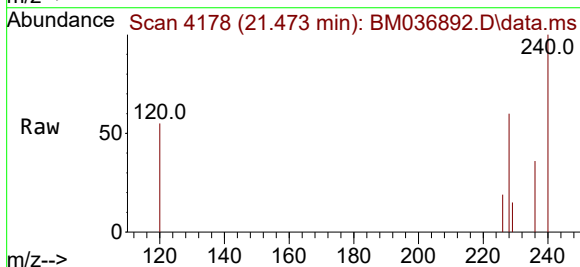
Instrument :
BNA_M
ClientSampleId :
EXZ56

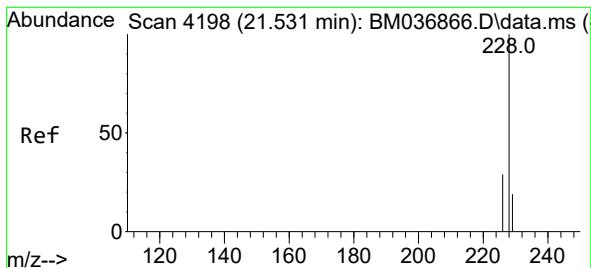
Tgt Ion:202 Resp: 6450
Ion Ratio Lower Upper
202 100
101 16.6 12.0 18.0
100 14.8 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM036892.D
Acq: 08 Oct 2022 12:43

Tgt Ion:228 Resp: 2158
Ion Ratio Lower Upper
228 100
229 25.0 16.2 24.2#
226 31.6 22.5 33.7





#22

Chrysene

Concen: 0.041 ng/ul

RT: 21.526 min Scan# 4196

Delta R.T. 0.001 min

Lab File: BM036892.D

Acq: 08 Oct 2022 12:43

Instrument :

BNA_M

ClientSampleId :

EXZ56

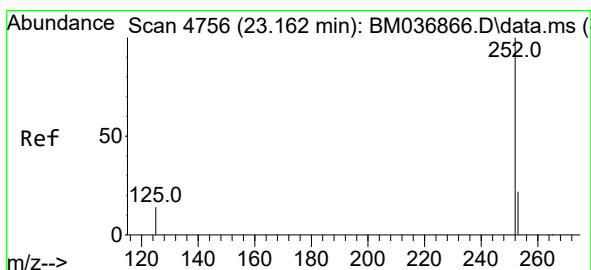
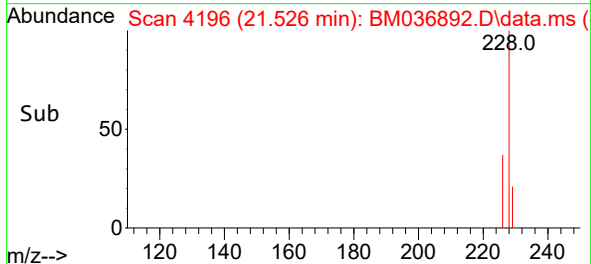
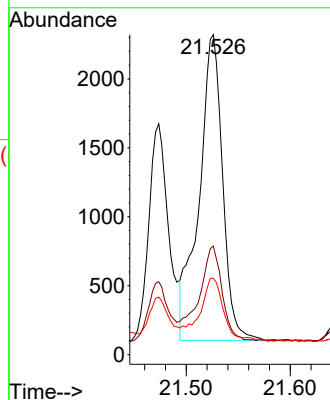
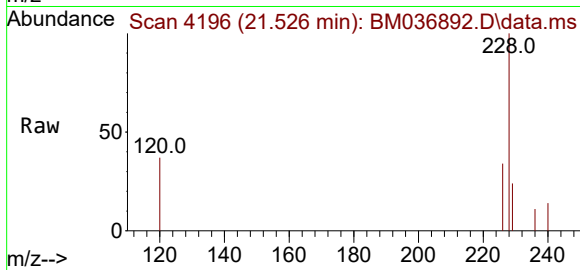
Tgt Ion:228 Resp: 3497

Ion Ratio Lower Upper

228 100

226 34.0 24.6 37.0

229 23.9 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.056 ng/ul

RT: 23.160 min Scan# 4755

Delta R.T. 0.004 min

Lab File: BM036892.D

Acq: 08 Oct 2022 12:43

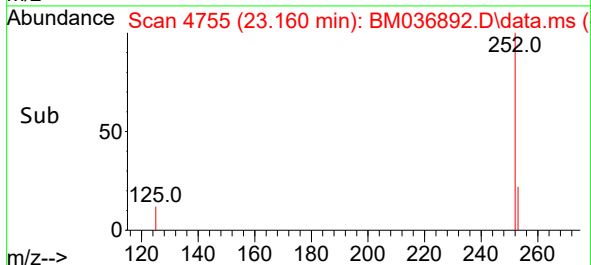
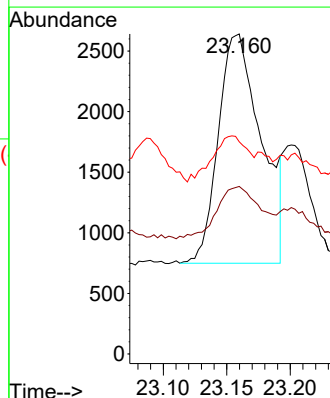
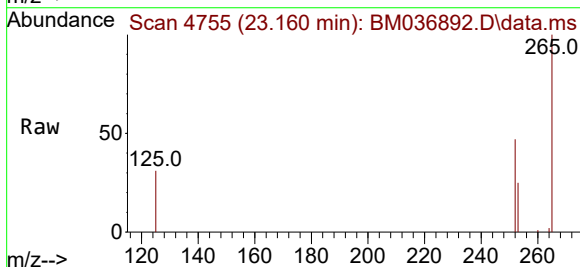
Tgt Ion:252 Resp: 4441

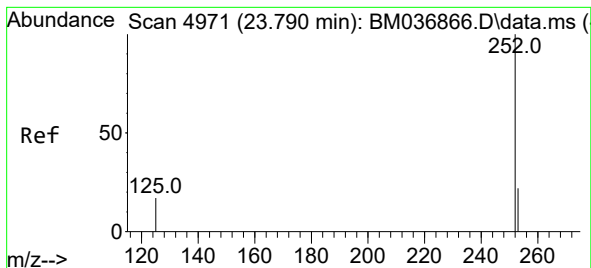
Ion Ratio Lower Upper

252 100

253 52.4 0.0 61.4

125 66.3 0.0 42.6#





#26

Benzo(a)pyrene

Concen: 0.035 ng/ul

RT: 23.780 min Scan# 4971

Delta R.T. -0.002 min

Lab File: BM036892.D

Acq: 08 Oct 2022 12:43

Instrument :

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EXZ56

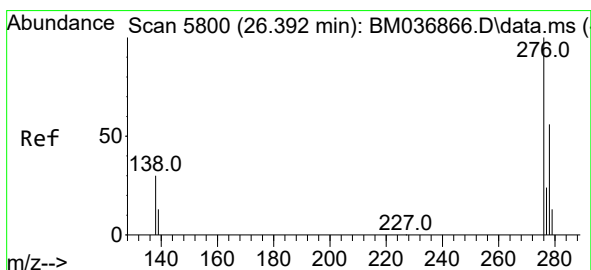
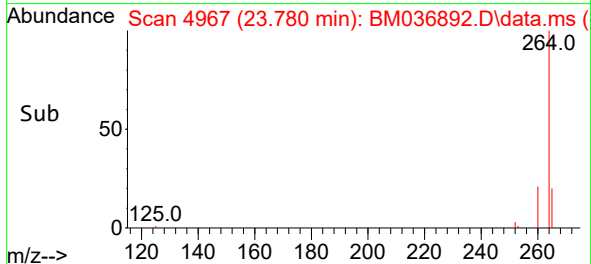
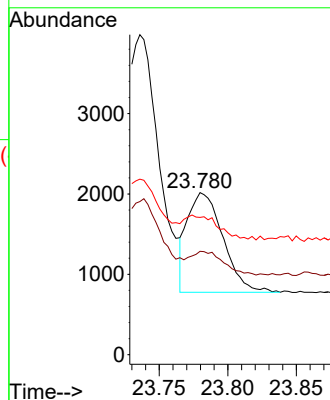
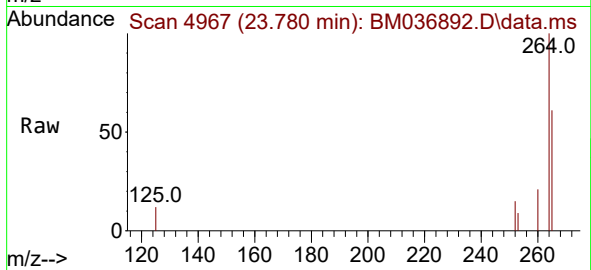
Tgt Ion:252 Resp: 2242

Ion Ratio Lower Upper

252 100

253 63.8 29.7 44.5#

125 84.7 23.6 35.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng/ul

RT: 26.376 min Scan# 5795

Delta R.T. -0.006 min

Lab File: BM036892.D

Acq: 08 Oct 2022 12:43

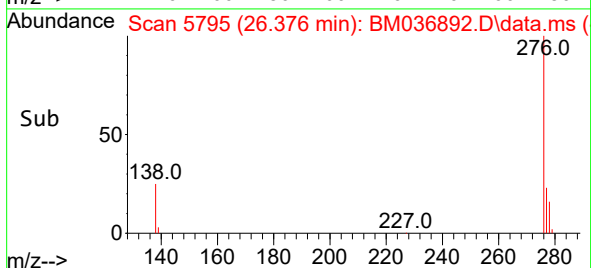
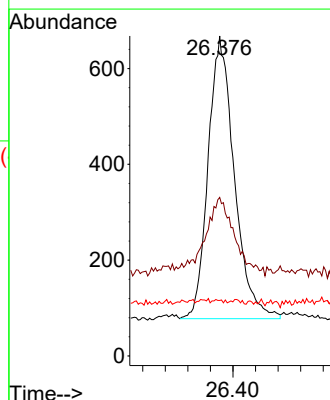
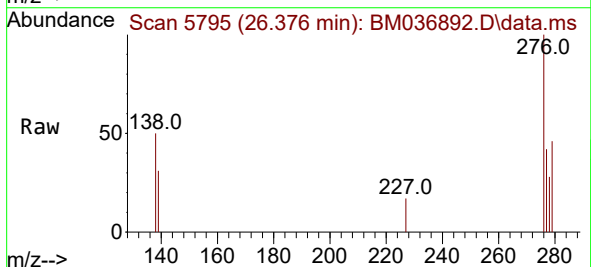
Tgt Ion:276 Resp: 1895

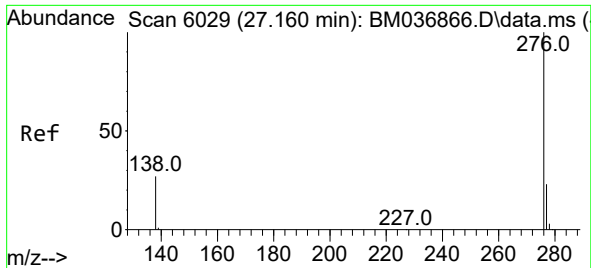
Ion Ratio Lower Upper

276 100

138 32.7 23.9 35.9

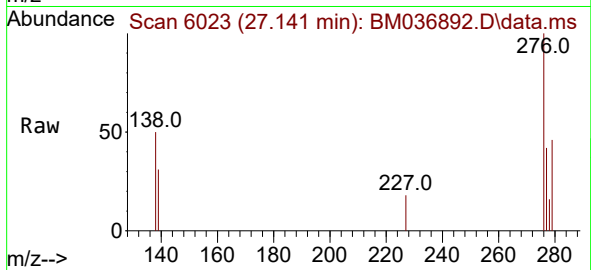
227 0.4 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 27.141 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: BM036892.D
 Acq: 08 Oct 2022 12:43

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:276 Resp: 1972
 Ion Ratio Lower Upper
 276 100
 138 49.6 23.4 35.0#
 277 41.6 21.0 31.4#

