

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039664.D
 Acq On : 26 Apr 2023 05:54
 Operator : CG/JU
 Sample : 02419-28
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW925

Quant Time: Apr 26 06:37:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 22:38:31 2023
 Response via : Initial Calibration

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

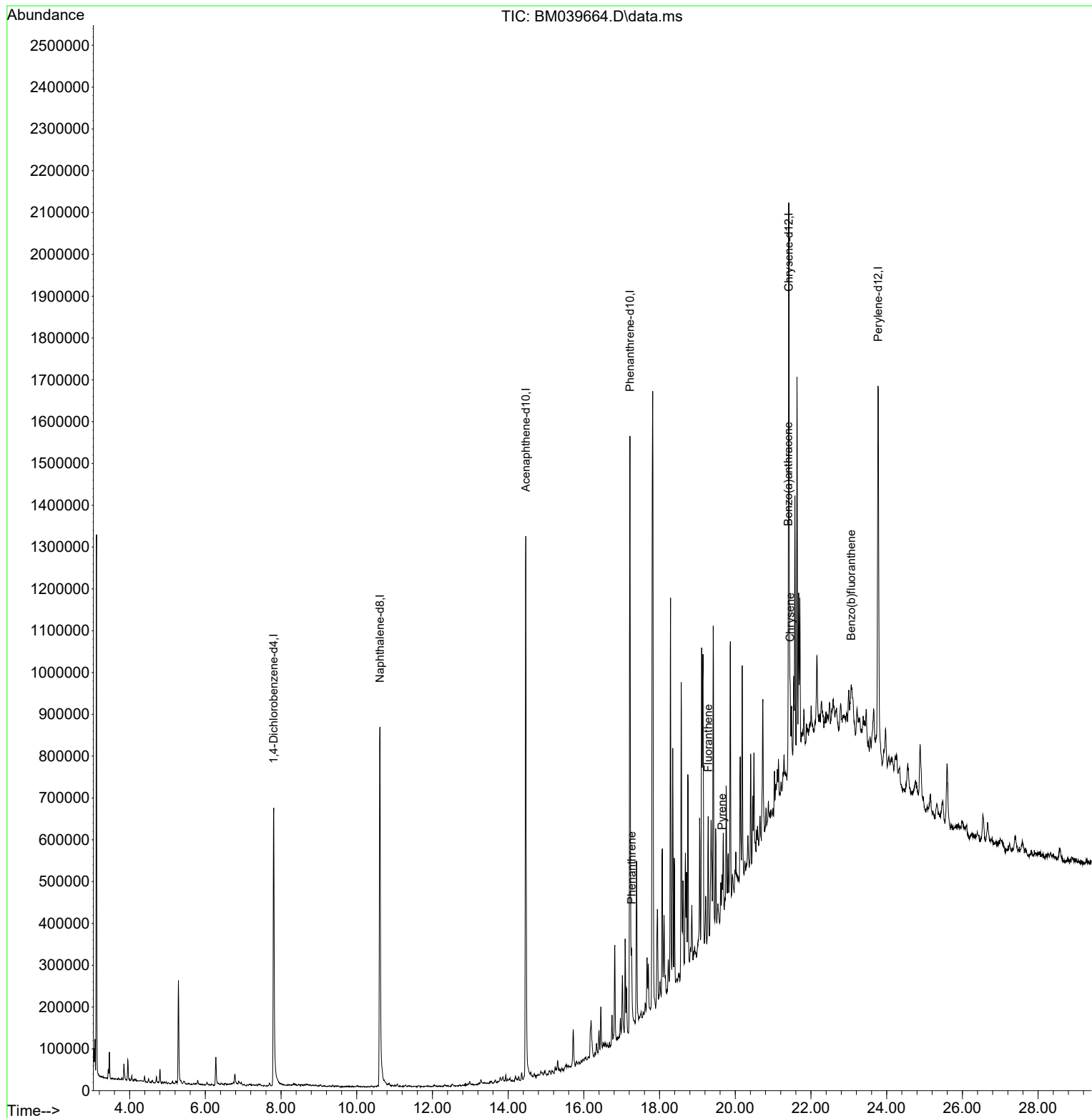
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	210937	20.000	ng/ul	0.00
20) Naphthalene-d8	10.613	136	789629	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.466	164	469088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	823429	20.000	ng/ul	0.00
79) Chrysene-d12	21.412	240	616267	20.000	ng/ul	0.00
88) Perylene-d12	23.771	264	695269	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
					Qvalue	
72) Phenanthrene	17.260	178	83253	1.821	ng/ul	98
80) Fluoranthene	19.283	202	178092	3.710	ng/ul	99
82) Pyrene	19.648	202	62952	1.267	ng/ul	97
85) Benzo(a)anthracene	21.401	228	60844	1.365	ng/ul	97
87) Chrysene	21.453	228	106383	2.502	ng/ul	98
90) Benzo(b)fluoranthene	23.065	252	83846	1.714	ng/ul#	82

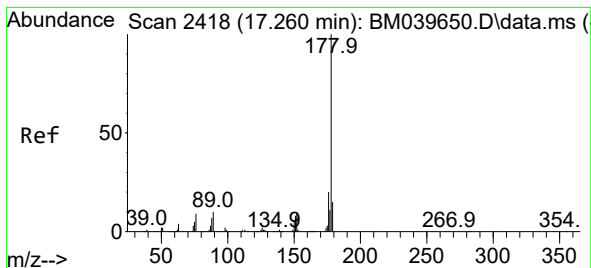
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.821 ng/ul

RT: 17.260 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM039664.D

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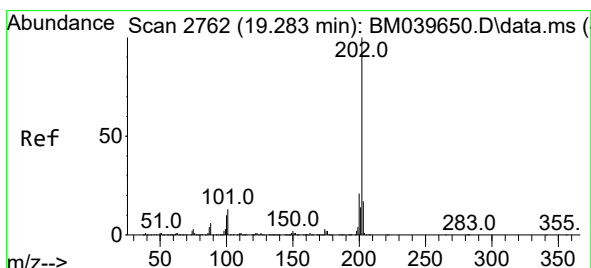
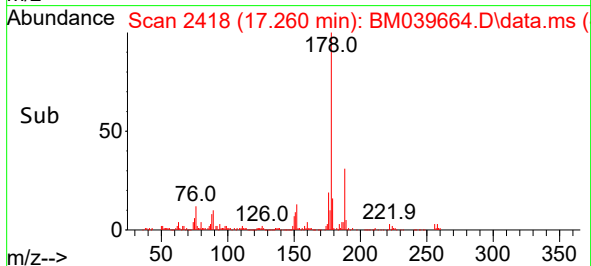
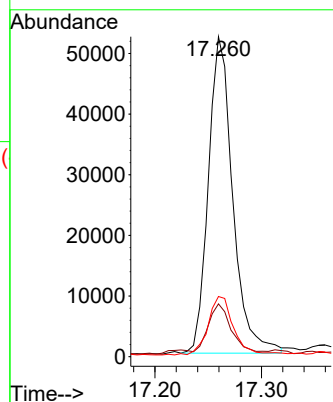
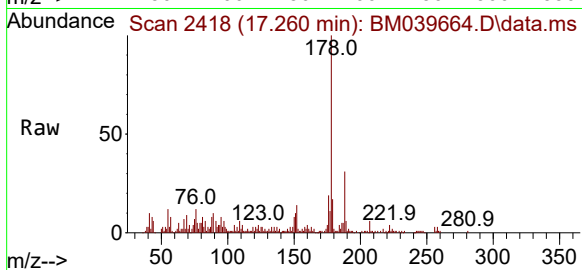
Tgt Ion:178 Resp: 83253

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.4

176 18.8 15.8 23.8



#80

Fluoranthene

Concen: 3.710 ng/ul

RT: 19.283 min Scan# 2762

Delta R.T. 0.000 min

Lab File: BM039664.D

Acq: 26 Apr 2023 05:54

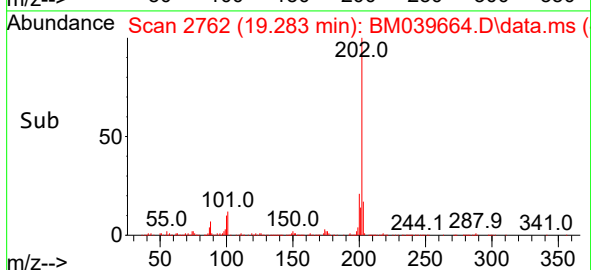
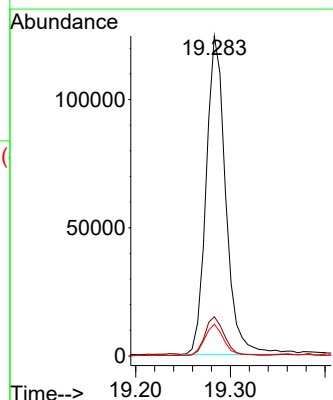
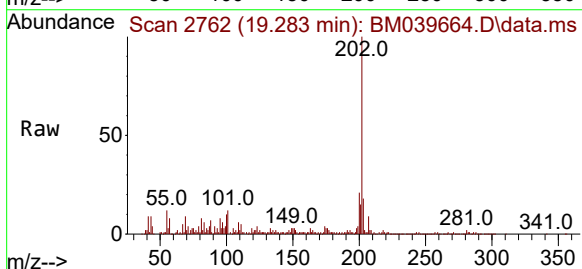
Tgt Ion:202 Resp: 178092

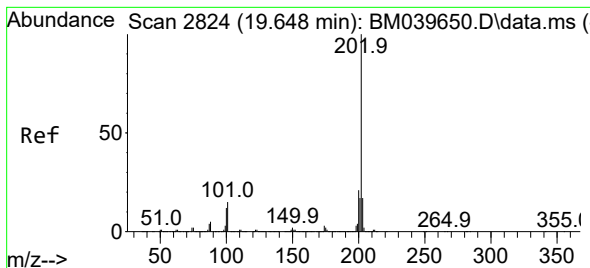
Ion Ratio Lower Upper

202 100

101 12.3 10.4 15.6

100 9.9 7.7 11.5





#82

Pyrene

Concen: 1.267 ng/ul

RT: 19.648 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039664.D

Acq: 26 Apr 2023 05:54

Instrument :

BNA_M

ClientSampleId :

EW925

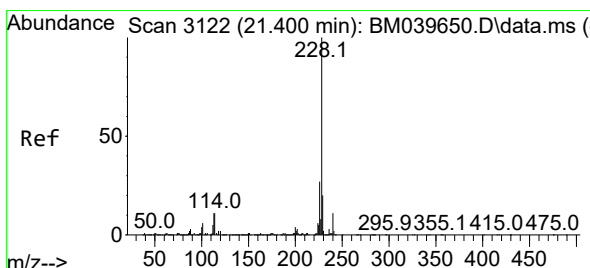
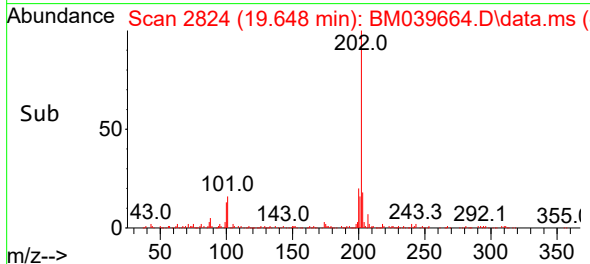
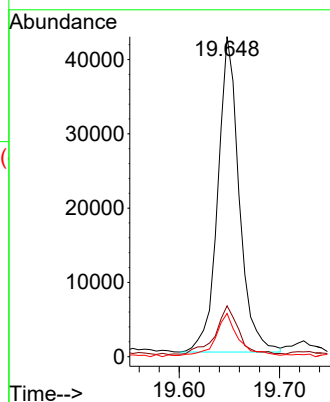
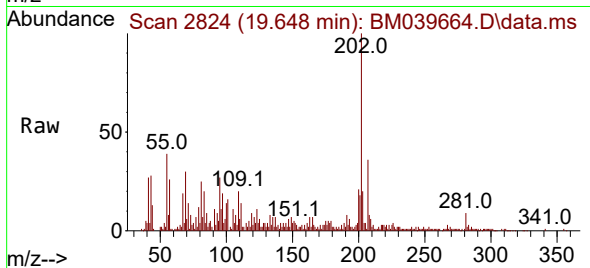
Tgt Ion:202 Resp: 62952

Ion Ratio Lower Upper

202 100

101 15.9 12.1 18.1

100 13.5 9.6 14.4



#85

Benzo(a)anthracene

Concen: 1.365 ng/ul

RT: 21.401 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM039664.D

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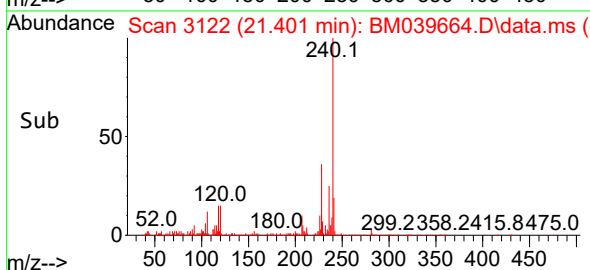
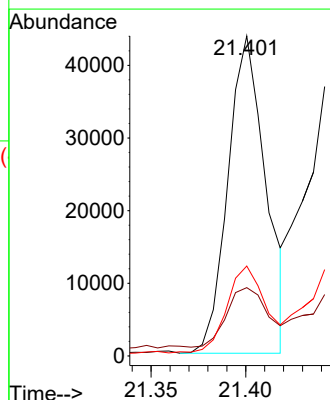
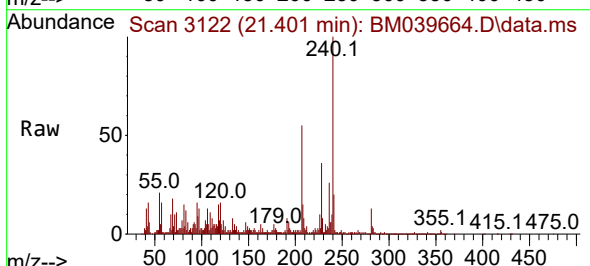
Tgt Ion:228 Resp: 60844

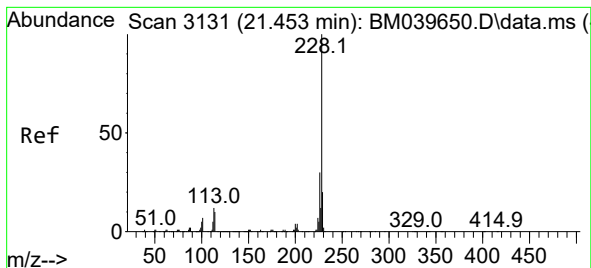
Ion Ratio Lower Upper

228 100

229 21.4 15.4 23.2

226 28.1 21.6 32.4





#87

Chrysene

Concen: 2.502 ng/ul

RT: 21.453 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM039664.D

Acq: 26 Apr 2023 05:54

Instrument :

BNA_M

ClientSampleId :

EW925

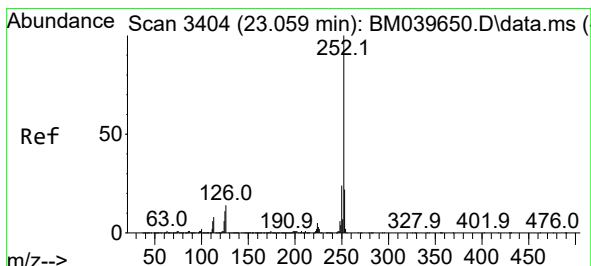
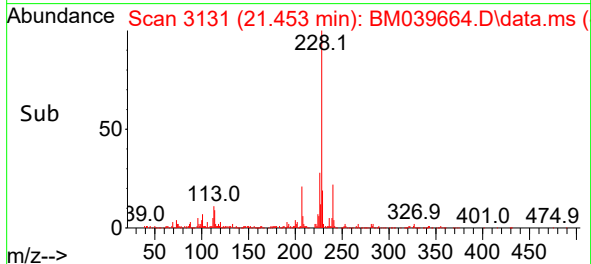
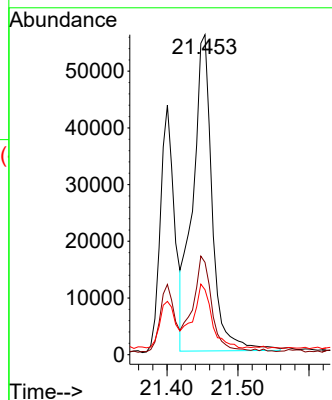
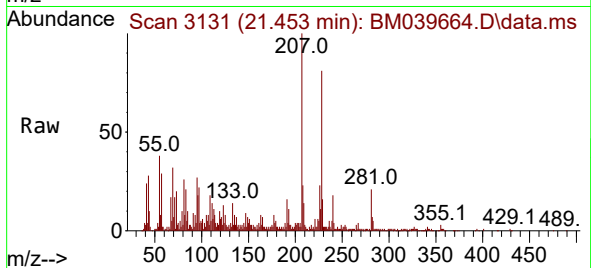
Tgt Ion:228 Resp: 106383

Ion Ratio Lower Upper

228 100

226 28.8 23.9 35.9

229 20.3 15.8 23.6



#90

Benzo(b)fluoranthene

Concen: 1.714 ng/ul

RT: 23.065 min Scan# 3405

Delta R.T. 0.006 min

Lab File: BM039664.D

Acq: 26 Apr 2023 05:54

Tgt Ion:252 Resp: 83846

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.2

125 25.5 8.7 13.1#

