

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042523\
 Data File : BM039663.D
 Acq On : 26 Apr 2023 05:18
 Operator : CG/JU
 Sample : 02419-27
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW924

Quant Time: Apr 26 05:49:45 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

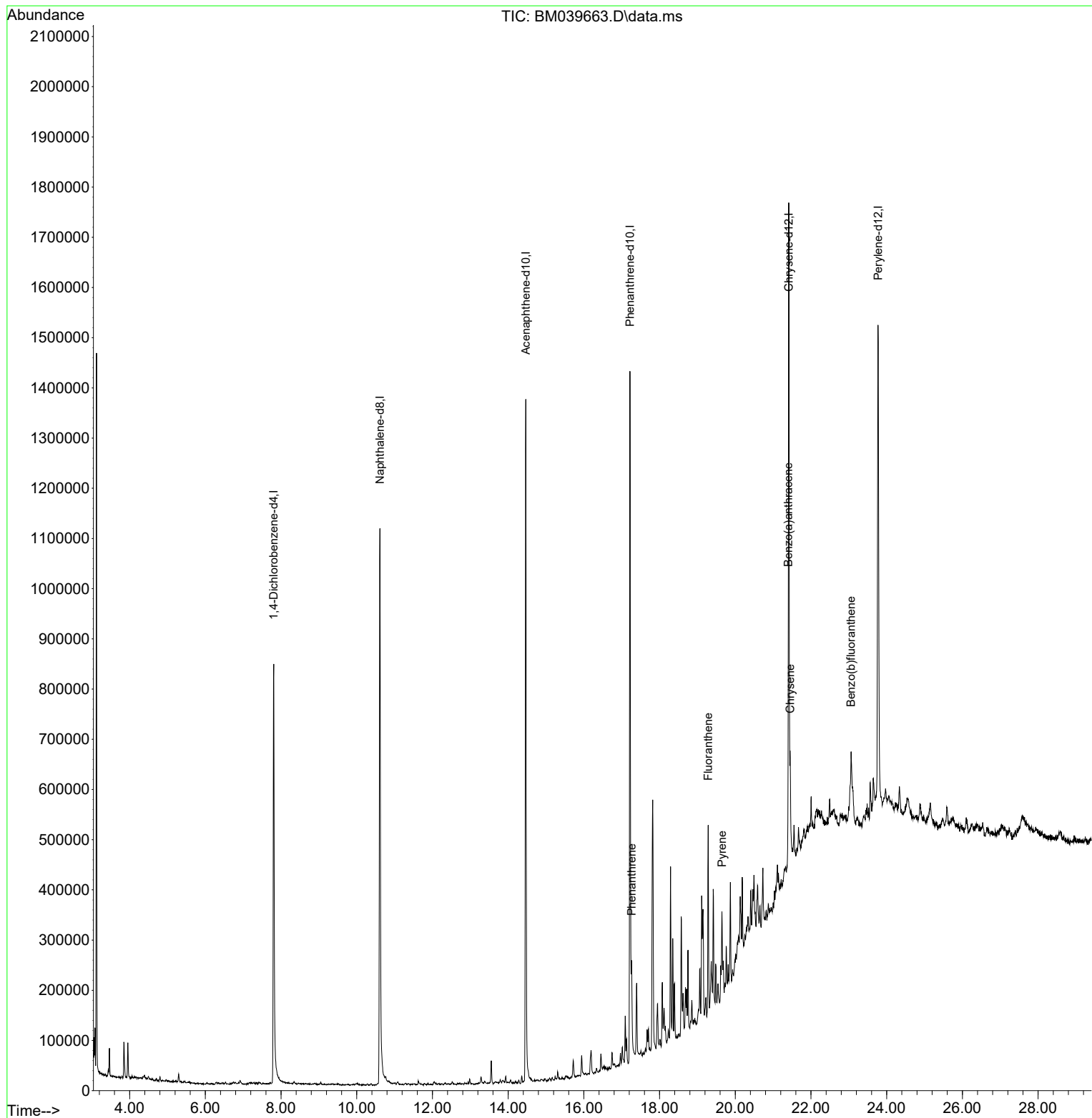
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	247995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.613	136	1007599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.465	164	485786	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	866391	20.000	ng/ul	0.00
79) Chrysene-d12	21.412	240	627509	20.000	ng/ul	0.00
88) Perylene-d12	23.771	264	742332	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	0	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	17.259	178	93421	1.942	ng/ul	99
80) Fluoranthene	19.283	202	231084	4.728	ng/ul	99
82) Pyrene	19.647	202	108225	2.139	ng/ul	96
85) Benzo(a)anthracene	21.400	228	68025	1.499	ng/ul	97
87) Chrysene	21.453	228	107626	2.486	ng/ul	98
90) Benzo(b)fluoranthene	23.059	252	105859	2.027	ng/ul#	93

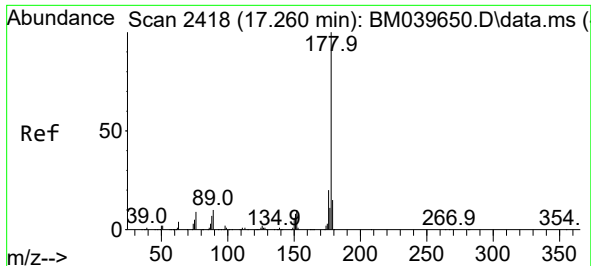
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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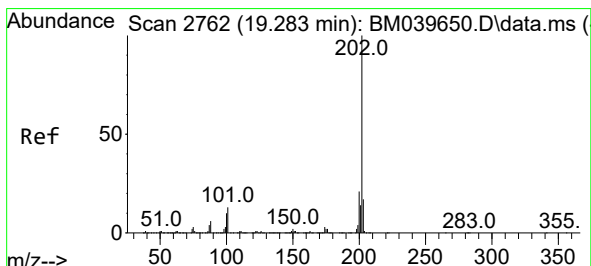
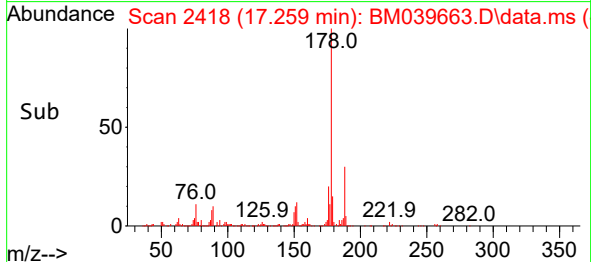
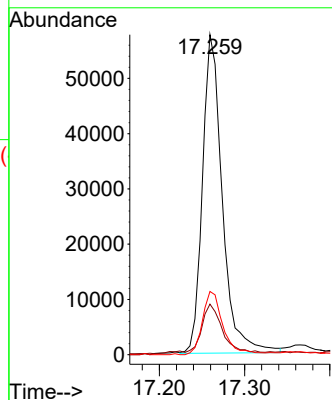
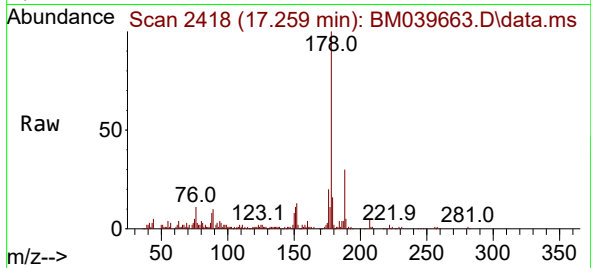




#72
Phenanthrene
Concen: 1.942 ng/ul
RT: 17.259 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM039663.D
Acq: 26 Apr 2023 05:18

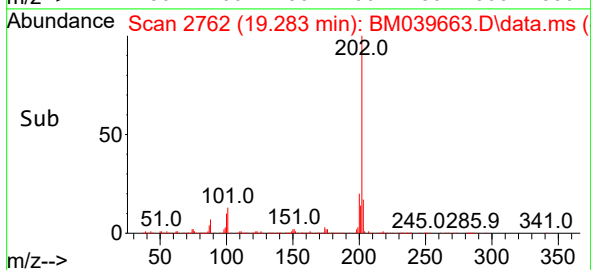
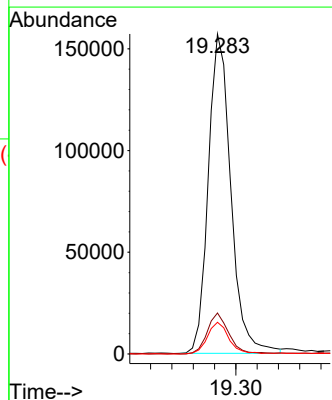
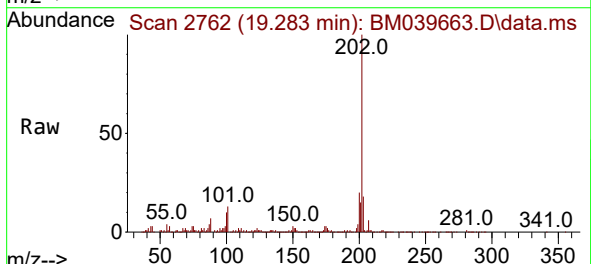
Instrument :
BNA_M
ClientSampleId :
EW924

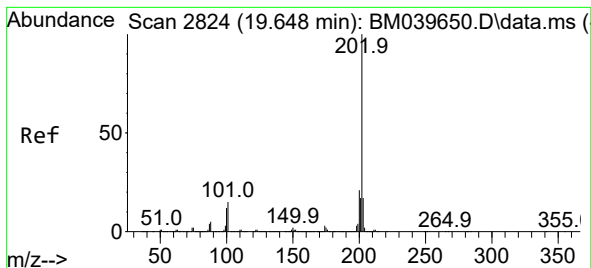
Tgt Ion:178 Resp: 93421
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.8 15.8 23.8



#80
Fluoranthene
Concen: 4.728 ng/ul
RT: 19.283 min Scan# 2762
Delta R.T. -0.000 min
Lab File: BM039663.D
Acq: 26 Apr 2023 05:18

Tgt Ion:202 Resp: 231084
Ion Ratio Lower Upper
202 100
101 12.8 10.4 15.6
100 9.9 7.7 11.5





#82

Pyrene

Concen: 2.139 ng/ul

RT: 19.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039663.D

Acq: 26 Apr 2023 05:18

Instrument :

BNA_M

ClientSampleId :

EW924

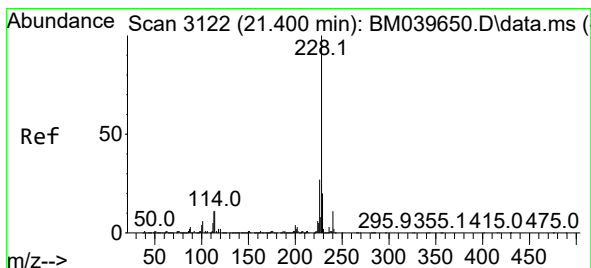
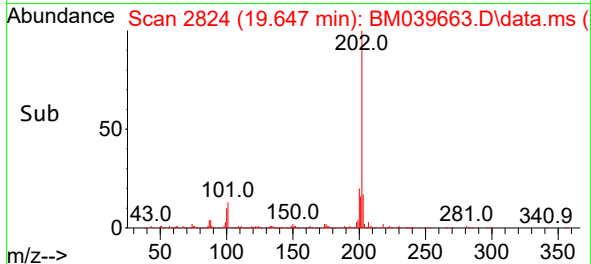
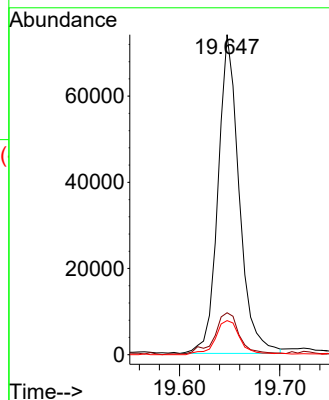
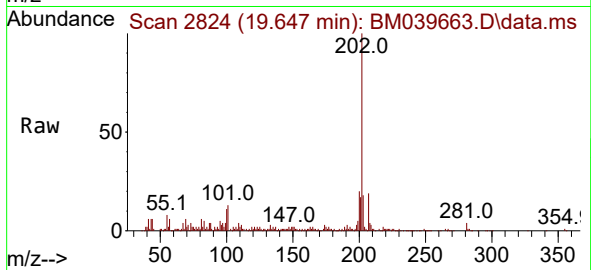
Tgt Ion:202 Resp: 108225

Ion Ratio Lower Upper

202 100

101 13.1 12.1 18.1

100 10.6 9.6 14.4



#85

Benzo(a)anthracene

Concen: 1.499 ng/ul

RT: 21.400 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BM039663.D

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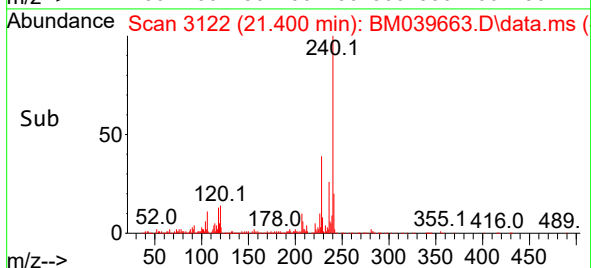
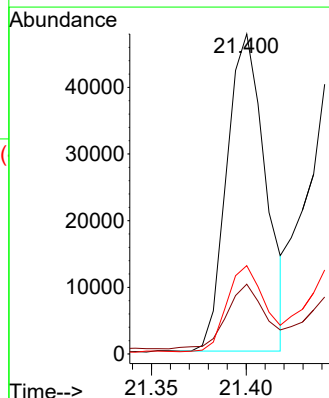
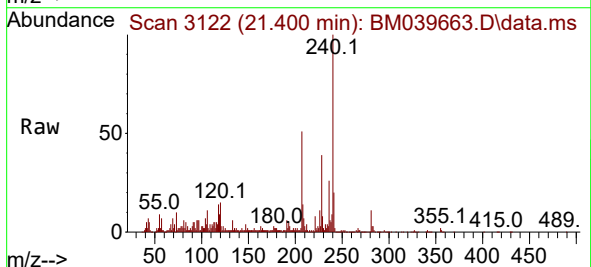
Tgt Ion:228 Resp: 68025

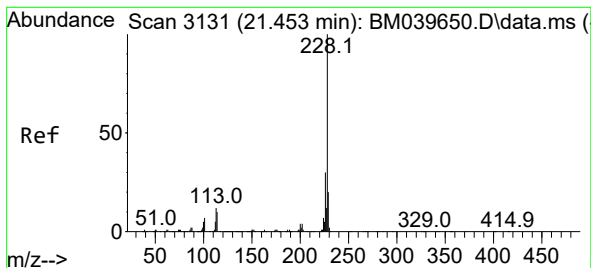
Ion Ratio Lower Upper

228 100

229 21.8 15.4 23.2

226 27.6 21.6 32.4





#87

Chrysene

Concen: 2.486 ng/ul

RT: 21.453 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM039663.D

Acq: 26 Apr 2023 05:18

Instrument :

BNA_M

ClientSampleId :

EW924

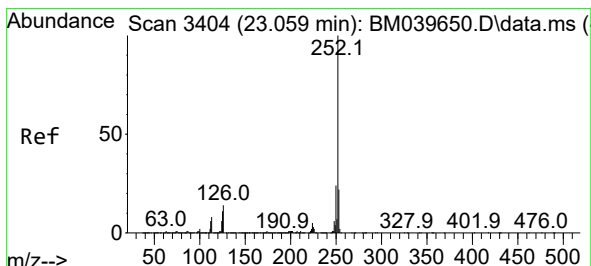
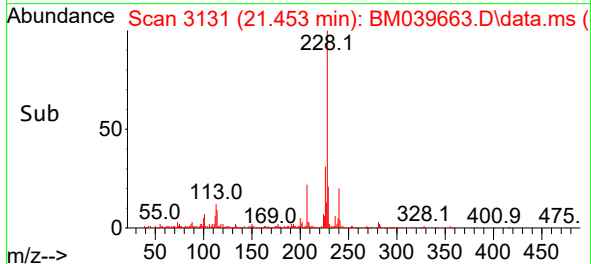
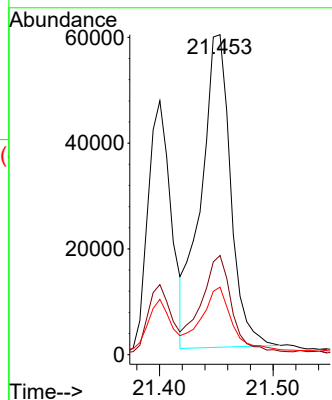
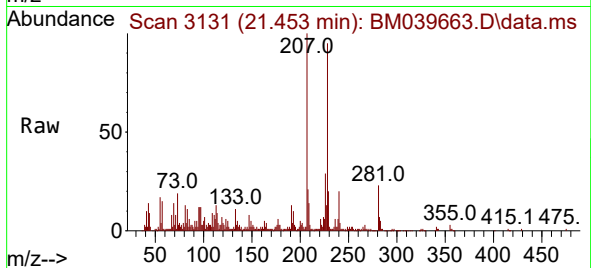
Tgt Ion:228 Resp: 107626

Ion Ratio Lower Upper

228 100

226 31.0 23.9 35.9

229 21.1 15.8 23.6



#90

Benzo(b)fluoranthene

Concen: 2.027 ng/ul

RT: 23.059 min Scan# 3404

Delta R.T. -0.000 min

Lab File: BM039663.D

Acq: 26 Apr 2023 05:18

Tgt Ion:252 Resp: 105859

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 16.6 8.7 13.1#

