

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036610.D
 Acq On : 20 Sep 2022 09:48
 Operator : CG/JU
 Sample : N4496-04
 Misc : GC/MS CONFIRMATION
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AX4

Quant Time: Sep 21 03:19:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	308466	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1286067	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	852823	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2014052	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1995635	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	1901151	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/u1	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	

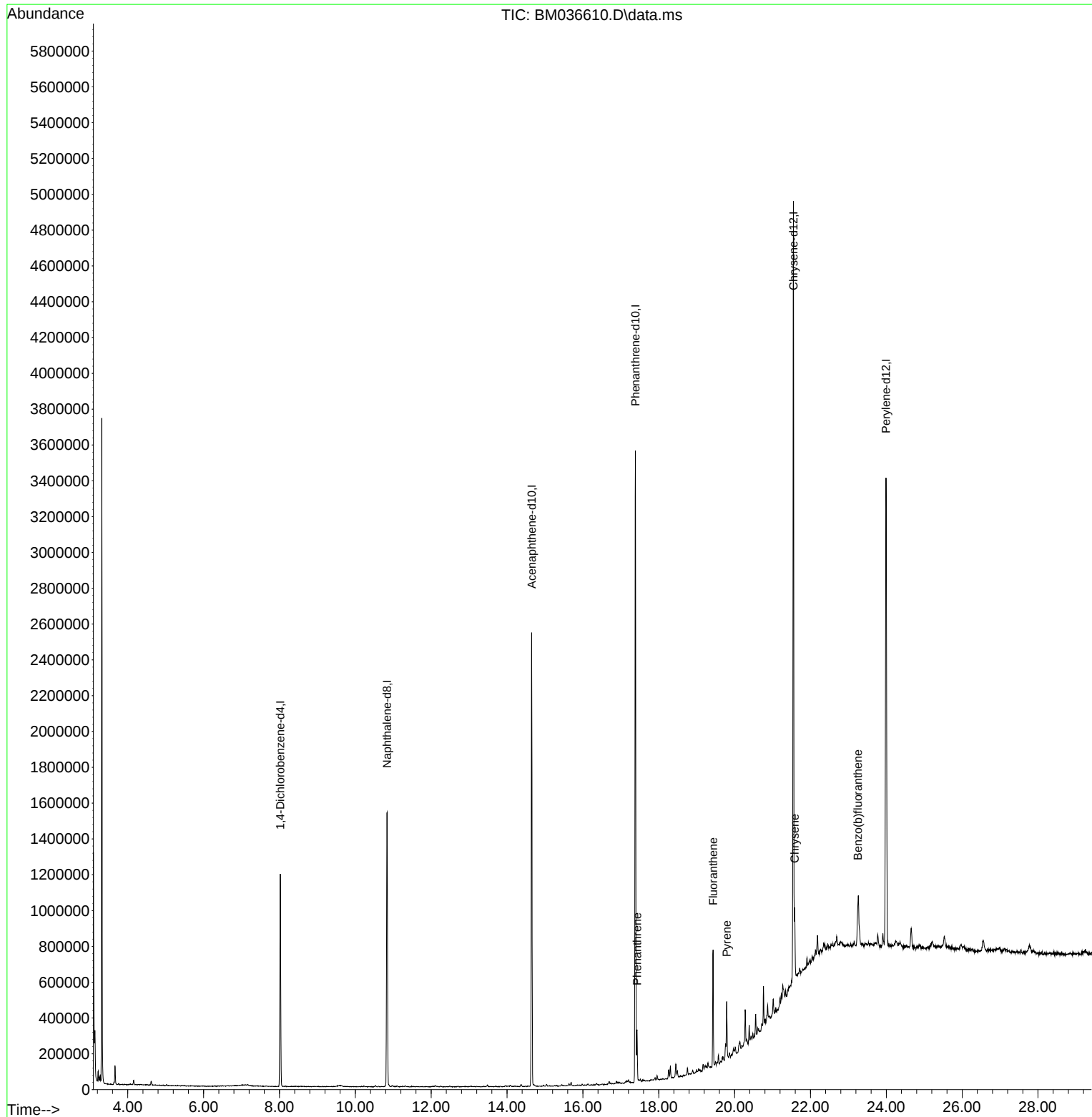
Target Compounds				Qvalue		
72) Phenanthrene	17.427	178	174078	1.569	ng/u1	100
80) Fluoranthene	19.433	202	377397	3.137	ng/u1	99
82) Pyrene	19.792	202	186438	1.464	ng/u1	100
87) Chrysene	21.586	228	182912	1.541	ng/u1	99
90) Benzo(b)fluoranthene	23.250	252	162144	1.345	ng/u1	97

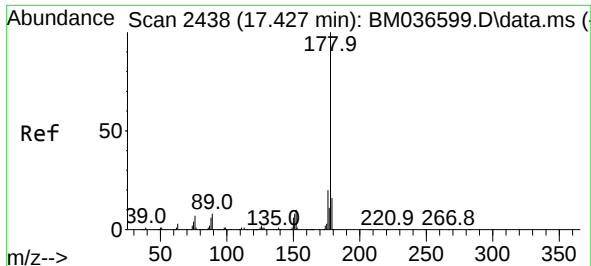
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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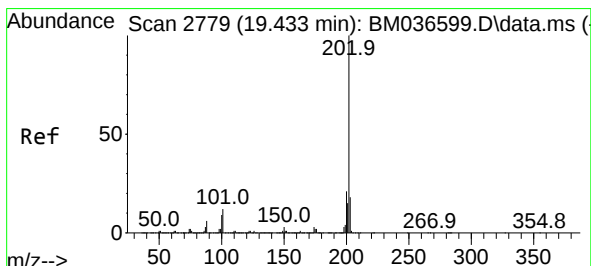
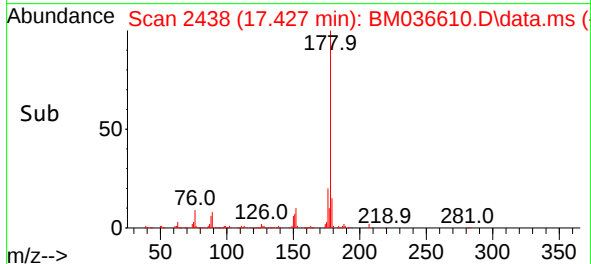
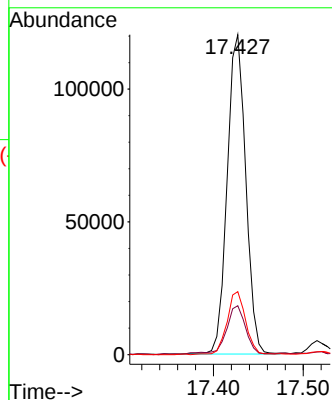
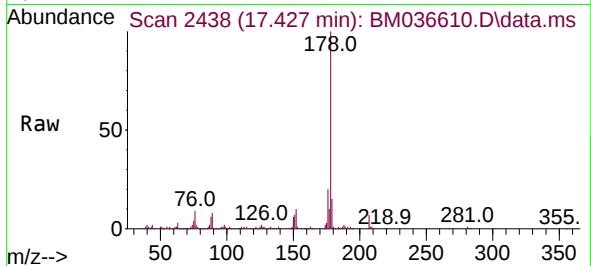




#72
Phenanthrene
Concen: 1.569 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036610.D
Acq: 20 Sep 2022 09:48

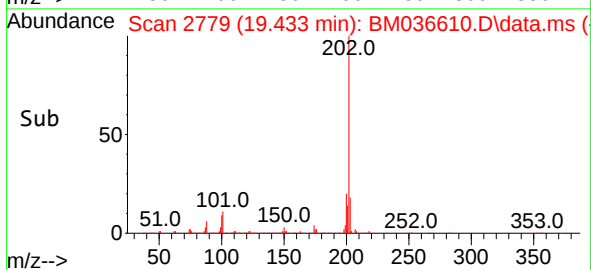
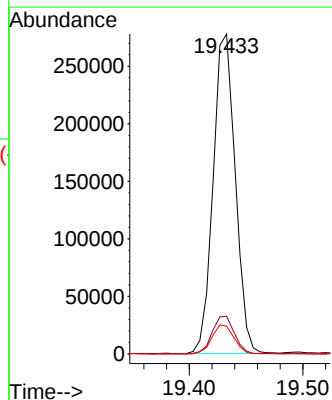
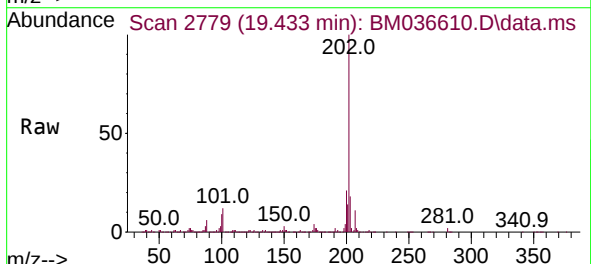
Instrument :
BNA_M
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A0AX4

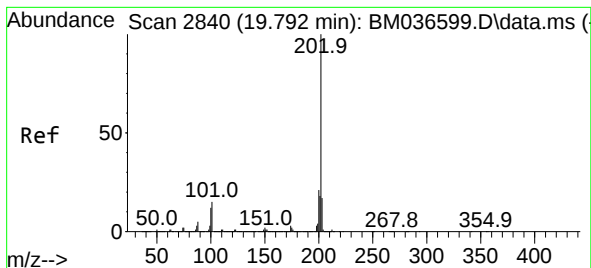
Tgt Ion:178 Resp: 174078
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.7 15.7 23.5



#80
Fluoranthene
Concen: 3.137 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036610.D
Acq: 20 Sep 2022 09:48

Tgt Ion:202 Resp: 377397
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
100 8.7 7.4 11.2





#82

Pyrene

Concen: 1.464 ng/ul

RT: 19.792 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BM036610.D

Acq: 20 Sep 2022 09:48

Instrument :

BNA_M

ClientSampleId :

A0AX4

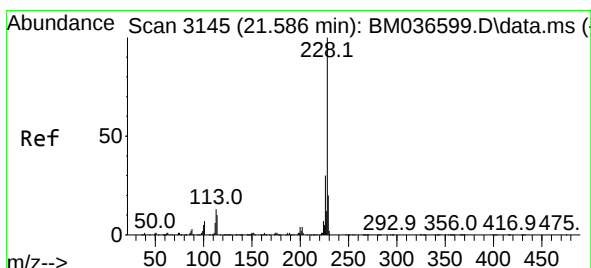
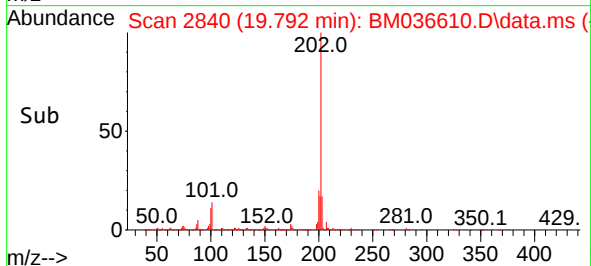
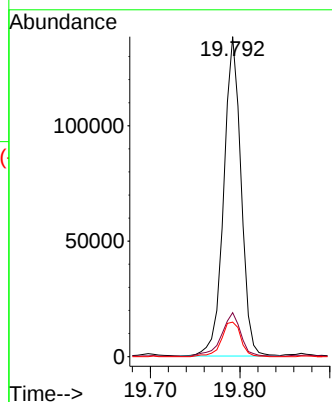
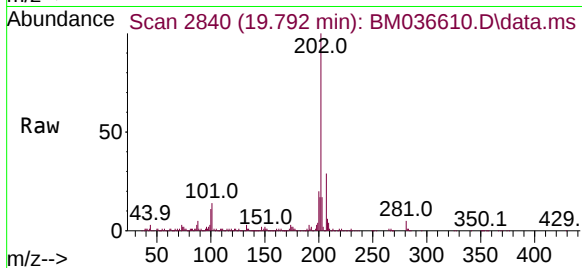
Tgt Ion:202 Resp: 186438

Ion Ratio Lower Upper

202 100

101 13.7 10.9 16.3

100 10.8 8.7 13.1



#87

Chrysene

Concen: 1.541 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BM036610.D

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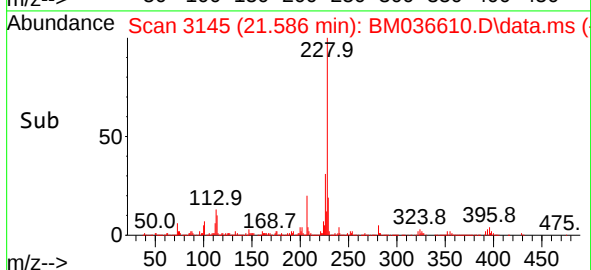
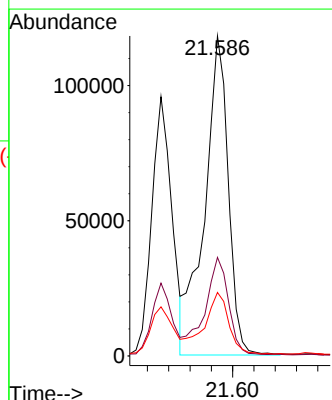
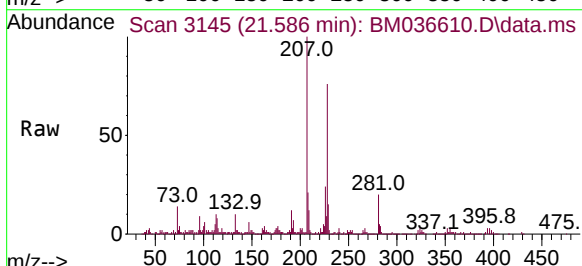
Tgt Ion:228 Resp: 182912

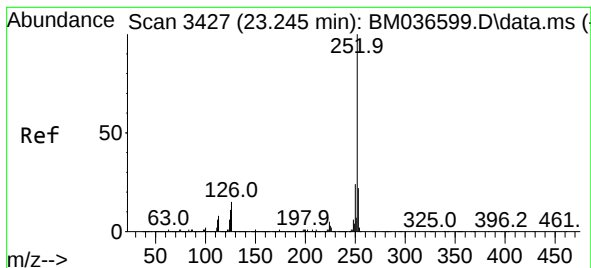
Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.8 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 1.345 ng/ul

RT: 23.250 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM036610.D

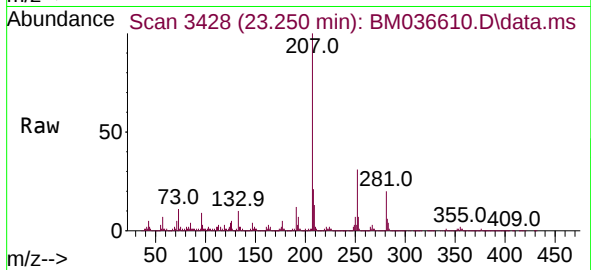
Acq: 20 Sep 2022 09:48

Instrument :

BNA_M

ClientSampleId :

A0AX4



Tgt Ion:252 Resp: 162144

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 13.5 9.1 13.7

