

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036612.D
 Acq On : 20 Sep 2022 11:01
 Operator : CG/JU
 Sample : N4496-09
 Misc : GC/MS CONFIRMATION
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AX7

Quant Time: Sep 21 03:35:13 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)

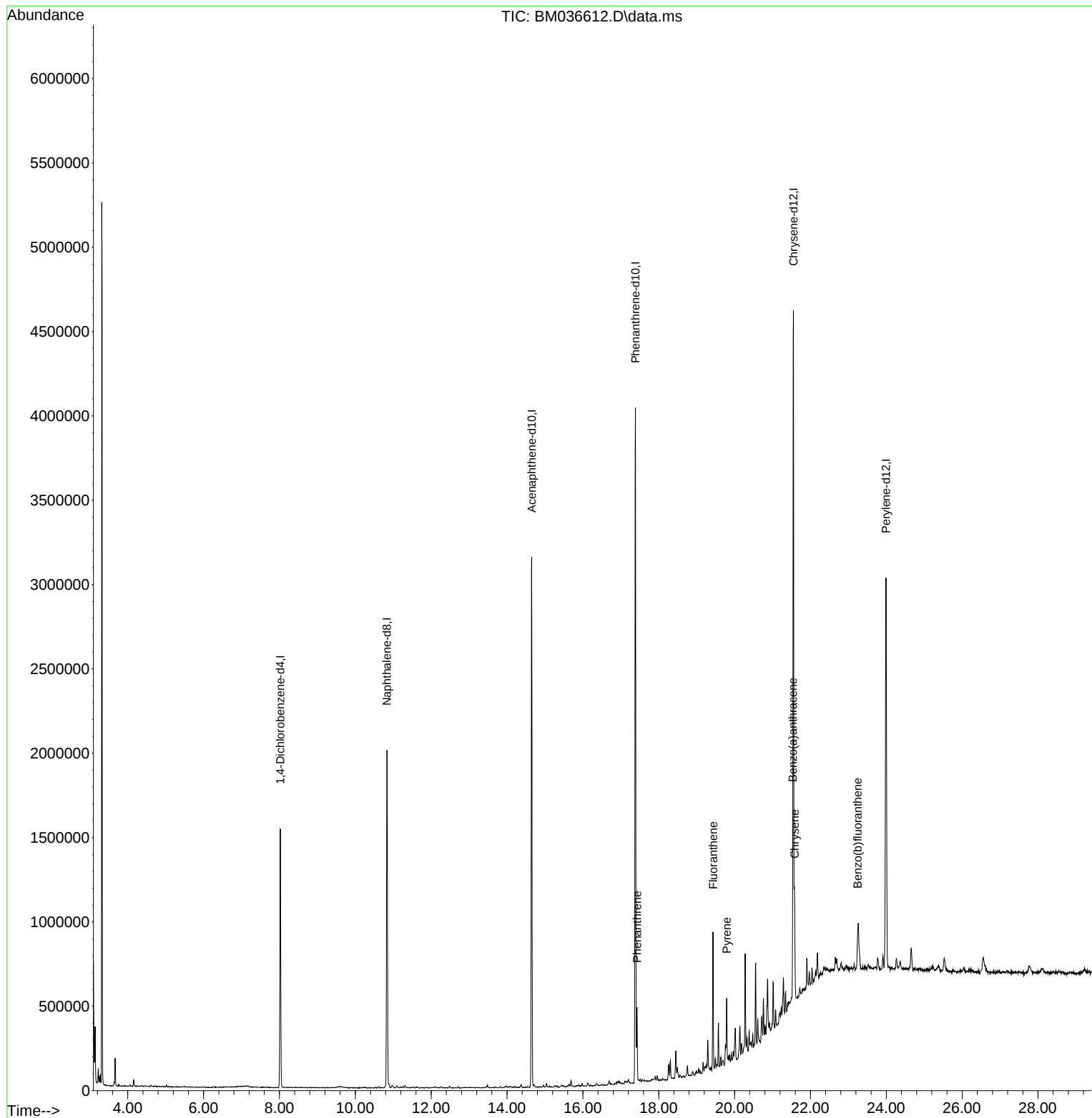
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	403099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	1662560	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.651	164	1076097	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2352489	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1905844	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	1681546	20.000	ng/u1	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/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	251417	1.940	ng/u1	100
80) Fluoranthene	19.433	202	470437	4.095	ng/u1	98
82) Pyrene	19.792	202	223604	1.839	ng/u1	98
85) Benzo(a)anthracene	21.533	228	148136	1.241	ng/u1	99
87) Chrysene	21.586	228	206221	1.819	ng/u1	99
90) Benzo(b)fluoranthene	23.244	252	165442	1.552	ng/u1#	95

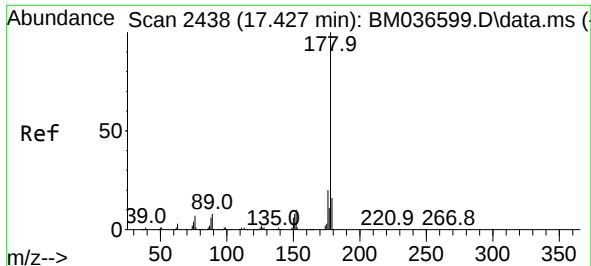
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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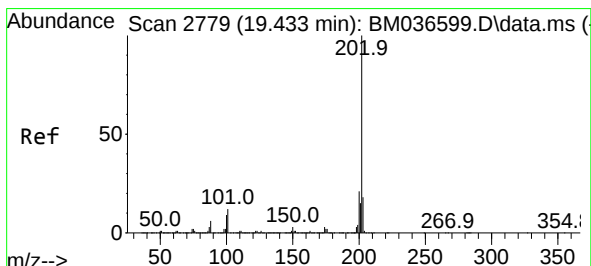
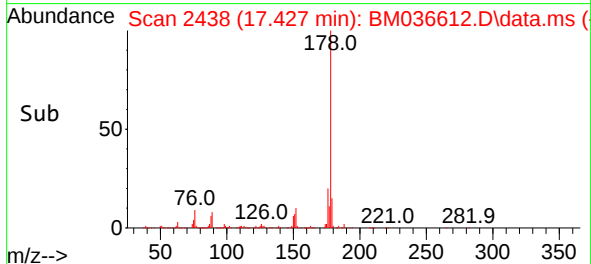
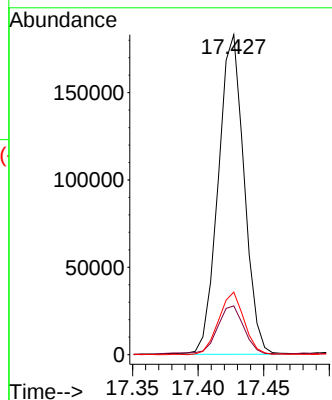
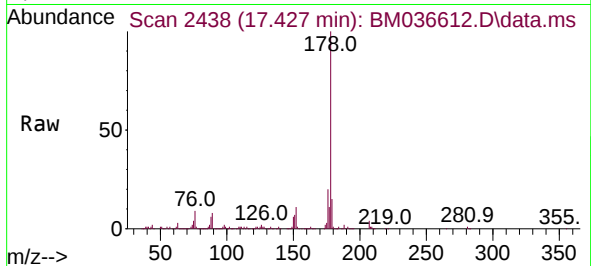




#72
Phenanthrene
Concen: 1.940 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036612.D
Acq: 20 Sep 2022 11:01

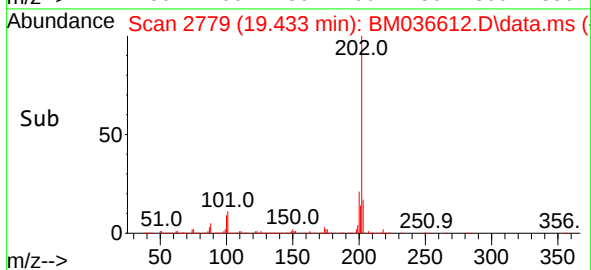
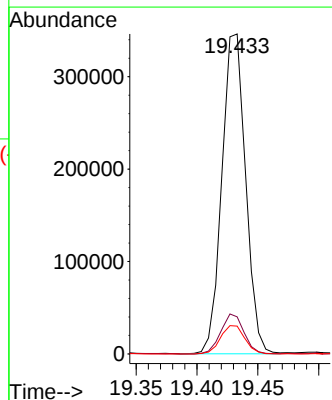
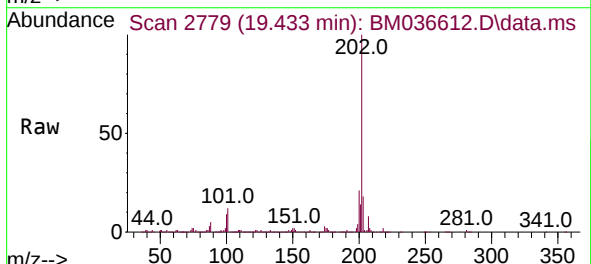
Instrument :
BNA_M
ClientSampleId :
A0AX7

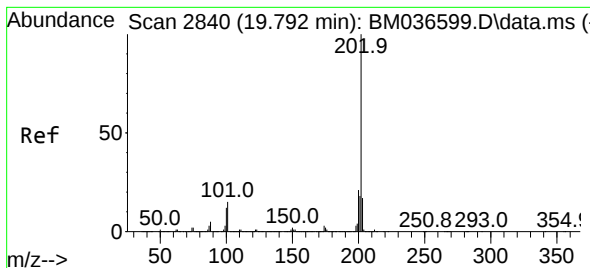
Tgt Ion:178 Resp: 251417
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.5 15.7 23.5



#80
Fluoranthene
Concen: 4.095 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036612.D
Acq: 20 Sep 2022 11:01

Tgt Ion:202 Resp: 470437
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.6
100 8.7 7.4 11.2





#82

Pyrene

Concen: 1.839 ng/ul

RT: 19.792 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BM036612.D

Acq: 20 Sep 2022 11:01

Instrument :

BNA_M

ClientSampleId :

A0AX7

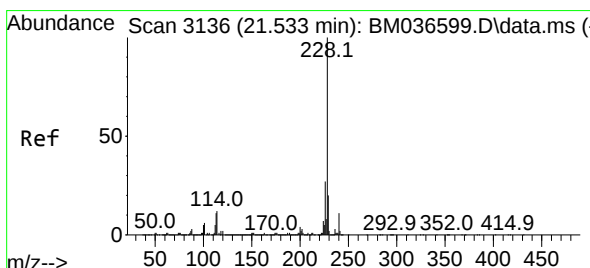
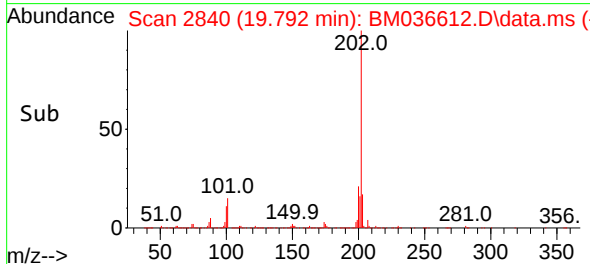
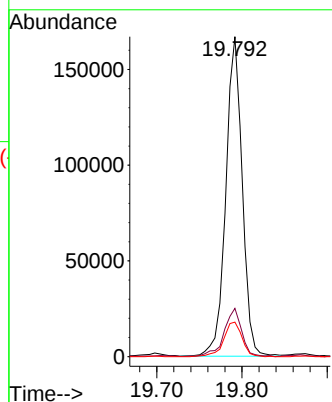
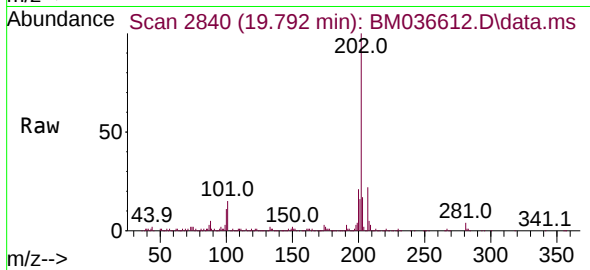
Tgt Ion:202 Resp: 223604

Ion Ratio Lower Upper

202 100

101 15.1 10.9 16.3

100 10.8 8.7 13.1



#85

Benzo(a)anthracene

Concen: 1.241 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM036612.D

Acq: 20 Sep 2022 11:01

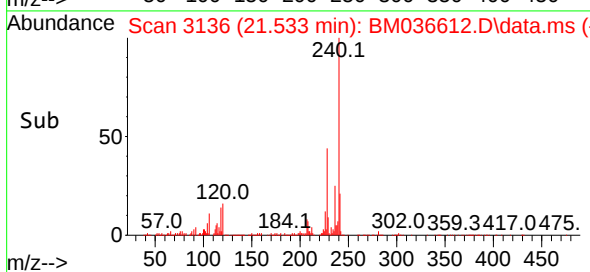
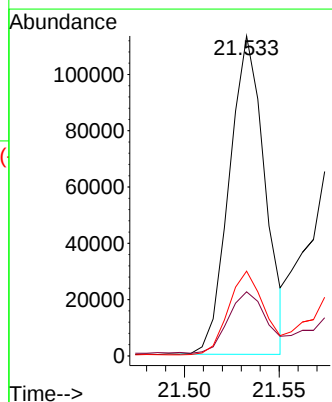
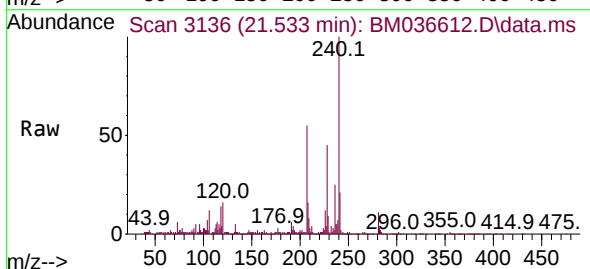
Tgt Ion:228 Resp: 148136

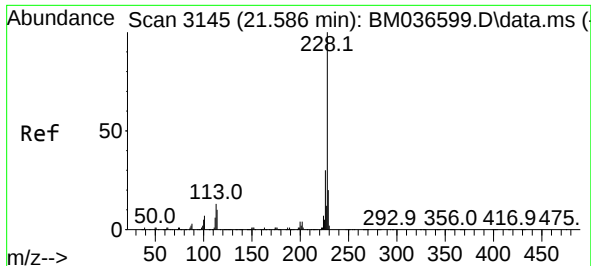
Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

226 26.5 21.9 32.9

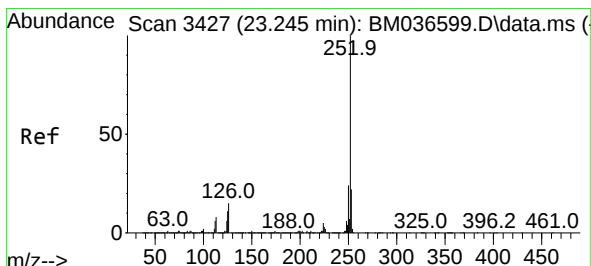
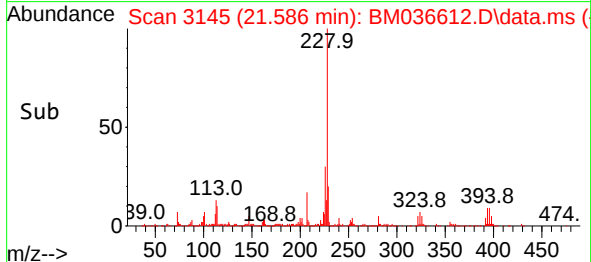
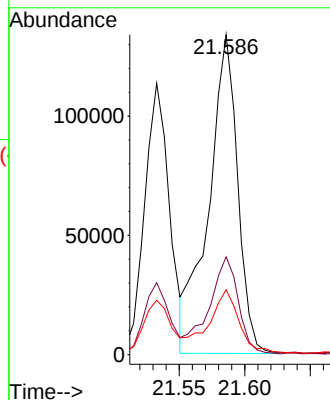
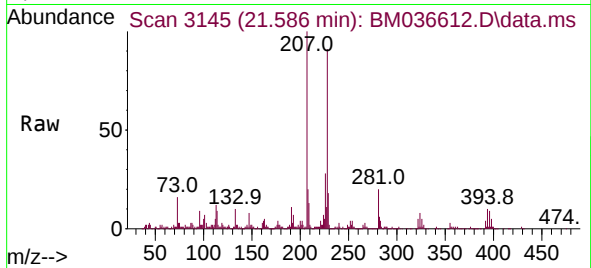




#87
Chrysene
Concen: 1.819 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BM036612.D
Acq: 20 Sep 2022 11:01

Instrument :
BNA_M
ClientSampleId :
A0AX7

Tgt Ion:228 Resp: 206221
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.3 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 1.552 ng/ul
RT: 23.244 min Scan# 3427
Delta R.T. -0.006 min
Lab File: BM036612.D
Acq: 20 Sep 2022 11:01

Tgt Ion:252 Resp: 165442
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 15.4 9.1 13.7#

