

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036614.D
 Acq On : 20 Sep 2022 12:14
 Operator : CG/JU
 Sample : N4559-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AY5

Quant Time: Sep 21 03:43:11 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)

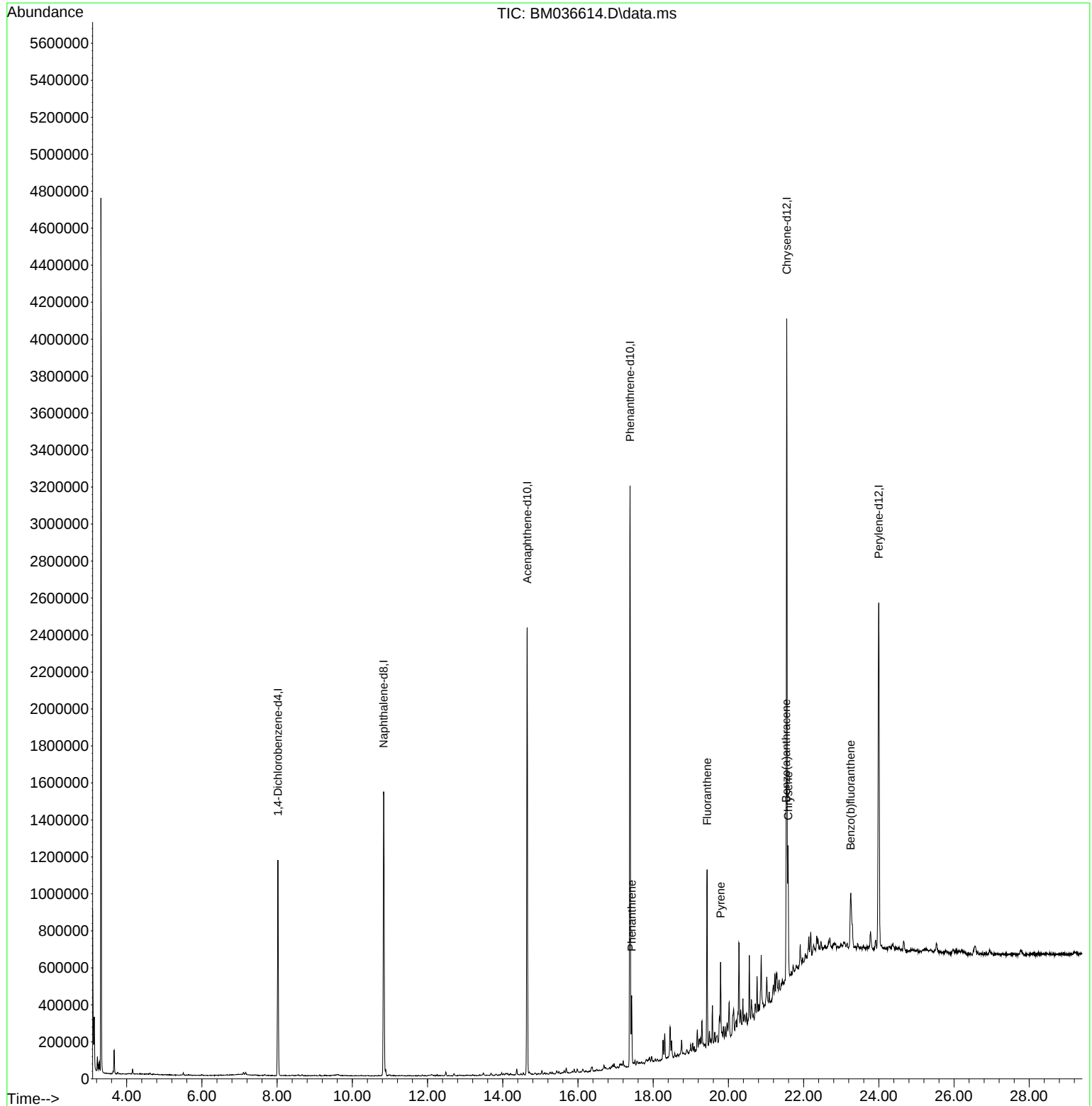
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	305839	20.000	ng/u1	0.00
20) Naphthalene-d8	10.833	136	1279606	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.651	164	824769	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1822153	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1573357	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1387381	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	0	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	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0	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	220808	2.200	ng/u1	99
80) Fluoranthene	19.433	202	535179	5.642	ng/u1	99
82) Pyrene	19.792	202	241026	2.401	ng/u1	98
85) Benzo(a)anthracene	21.533	228	229413	2.327	ng/u1	99
87) Chrysene	21.592	228	319849	3.418	ng/u1	98
90) Benzo(b)fluoranthene	23.250	252	272006	3.092	ng/u1	99

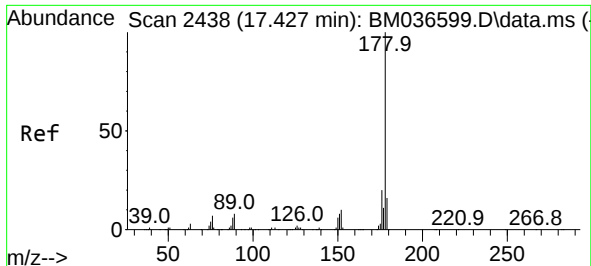
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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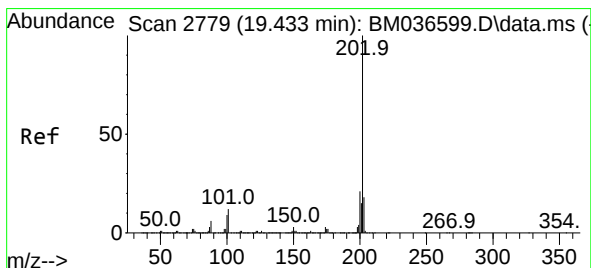
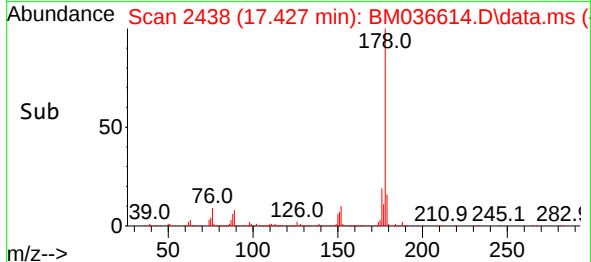
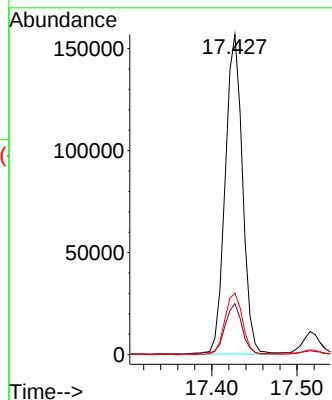
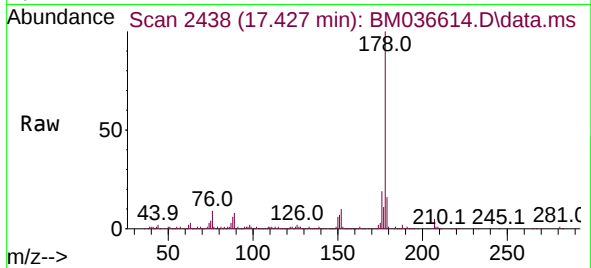




#72
Phenanthrene
Concen: 2.200 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036614.D
Acq: 20 Sep 2022 12:14

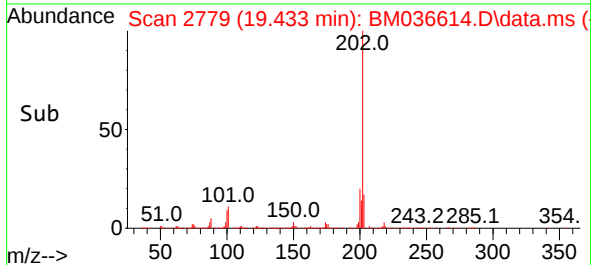
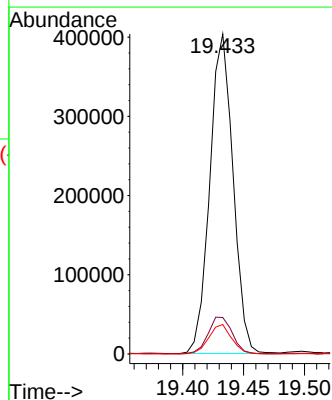
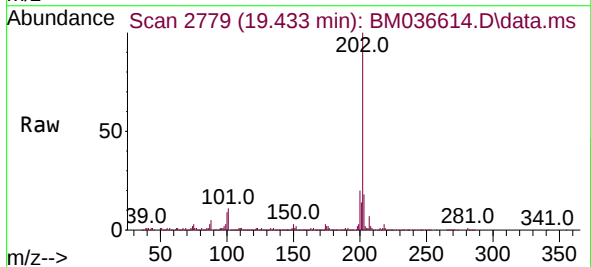
Instrument :
BNA_M
ClientSampleId :
A0AY5

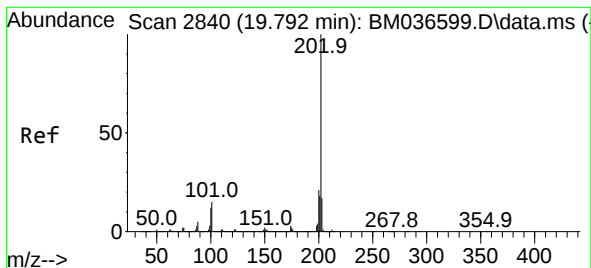
Tgt Ion:178 Resp: 220808
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 19.3 15.7 23.5



#80
Fluoranthene
Concen: 5.642 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036614.D
Acq: 20 Sep 2022 12:14

Tgt Ion:202 Resp: 535179
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
100 9.2 7.4 11.2





#82

Pyrene

Concen: 2.401 ng/ul

RT: 19.792 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BM036614.D

Acq: 20 Sep 2022 12:14

Instrument :

BNA_M

ClientSampleId :

A0AY5

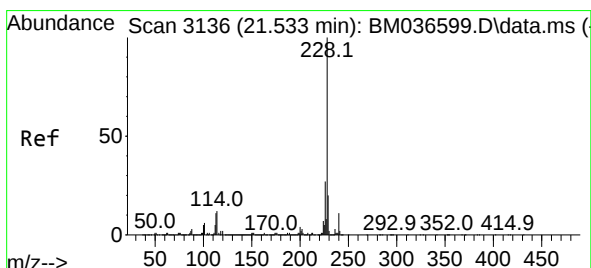
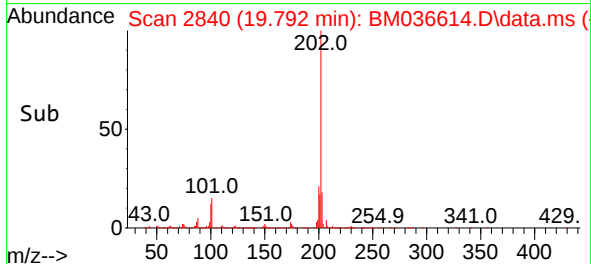
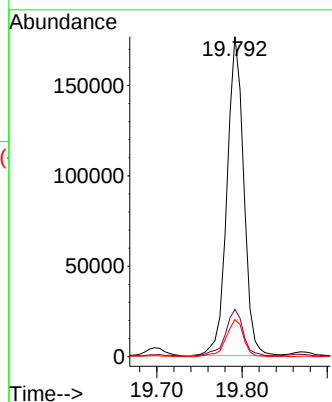
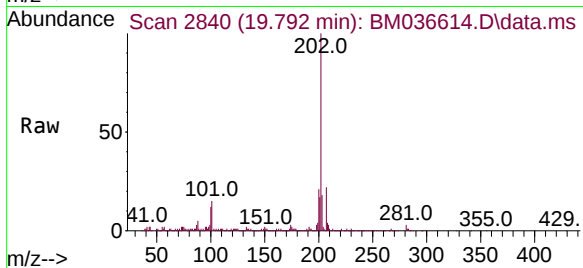
Tgt Ion:202 Resp: 241026

Ion Ratio Lower Upper

202 100

101 14.8 10.9 16.3

100 11.6 8.7 13.1



#85

Benzo(a)anthracene

Concen: 2.327 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM036614.D

Acq: 20 Sep 2022 12:14

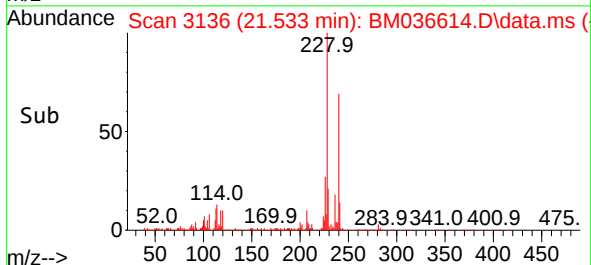
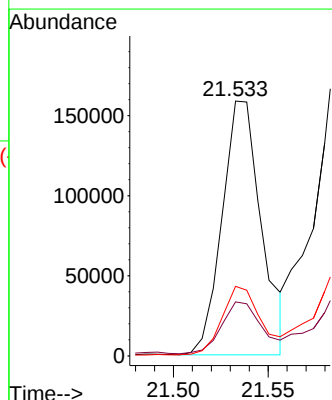
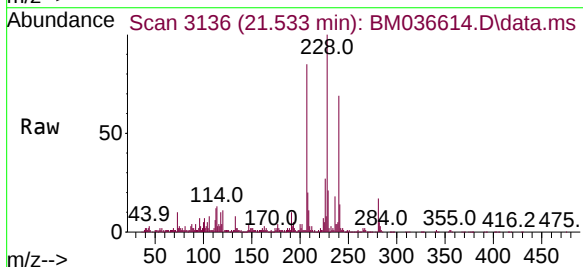
Tgt Ion:228 Resp: 229413

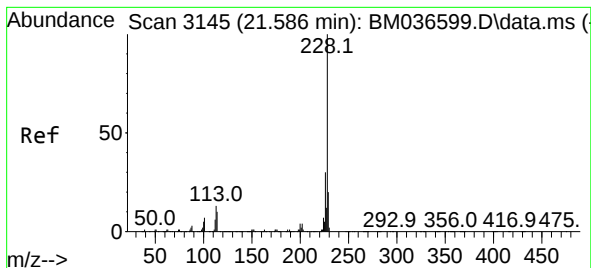
Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.8

226 27.3 21.9 32.9





#87

Chrysene

Concen: 3.418 ng/ul

RT: 21.592 min Scan# 3145

Delta R.T. 0.000 min

Lab File: BM036614.D

Acq: 20 Sep 2022 12:14

Instrument :

BNA_M

ClientSampleId :

A0AY5

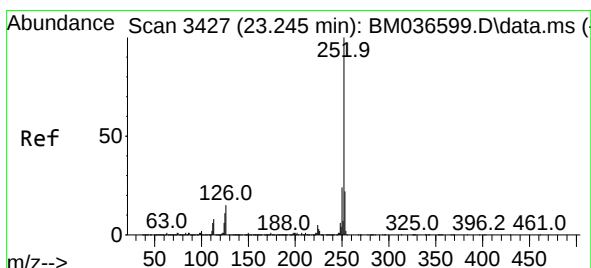
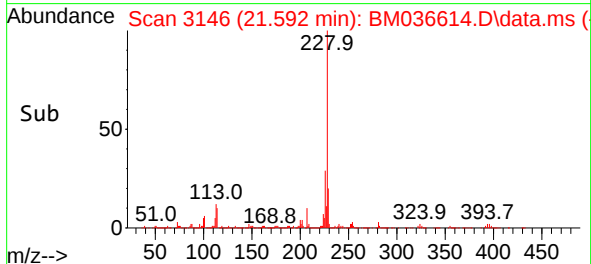
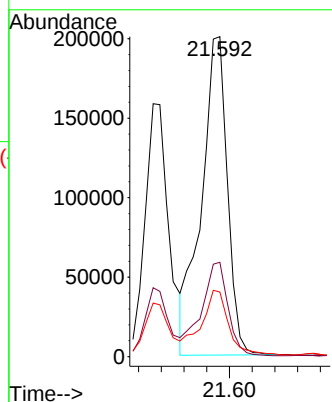
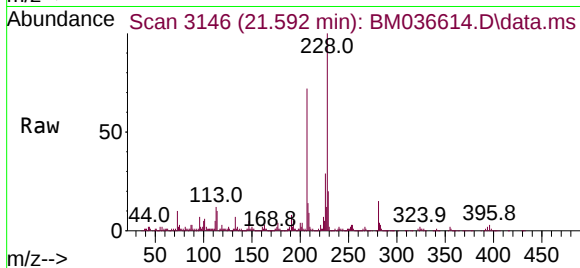
Tgt Ion:228 Resp: 319849

Ion Ratio Lower Upper

228 100

226 29.5 24.4 36.6

229 20.2 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 3.092 ng/ul

RT: 23.250 min Scan# 3428

Delta R.T. 0.000 min

Lab File: BM036614.D

Acq: 20 Sep 2022 12:14

Tgt Ion:252 Resp: 272006

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 12.8 9.1 13.7

