

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092622\
 Data File : BM036777.D
 Acq On : 27 Sep 2022 14:09
 Operator : CG/JU
 Sample : N4693-16
 Misc : GCMS CONFIRMATION
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AZ9

Quant Time: Sep 27 16:16:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 26 23:10:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	274054	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1118475	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	685390	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.362	188	1409854	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	1130076	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	953319	20.000	ng/u1	-0.01

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	0	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	0	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	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	

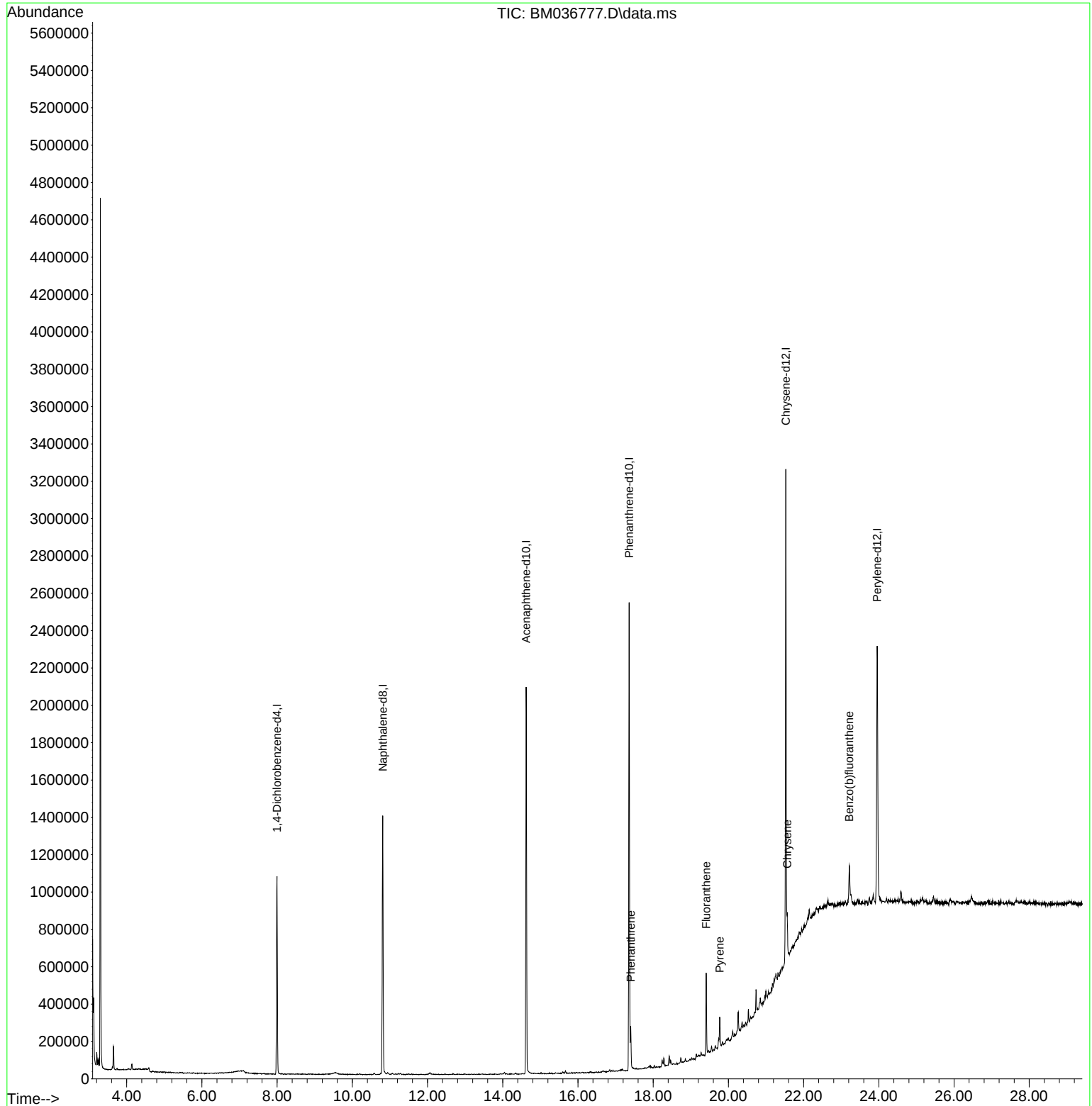
Target Compounds					Qvalue
72) Phenanthrene	17.404	178	121180	1.560	ng/u1 100
80) Fluoranthene	19.409	202	236872	3.477	ng/u1 98
82) Pyrene	19.768	202	96231	1.334	ng/u1 97
87) Chrysene	21.562	228	114920	1.710	ng/u1 98
90) Benzo(b)fluoranthene	23.215	252	79468	1.315	ng/u1# 88

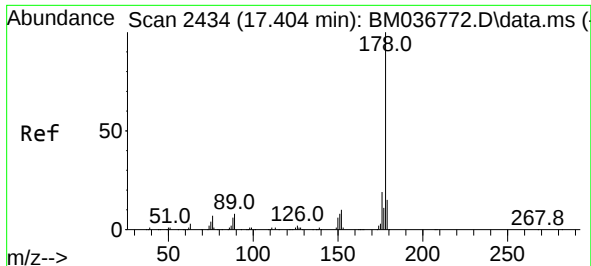
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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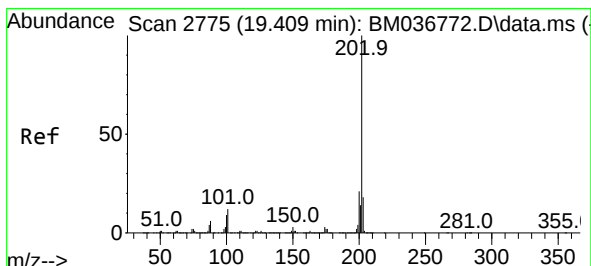
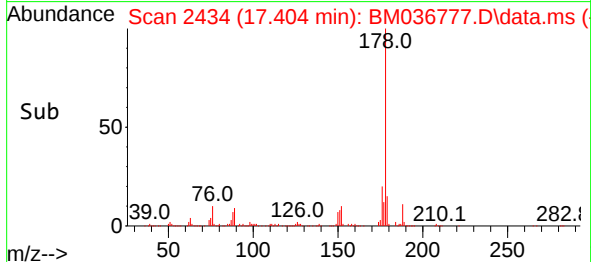
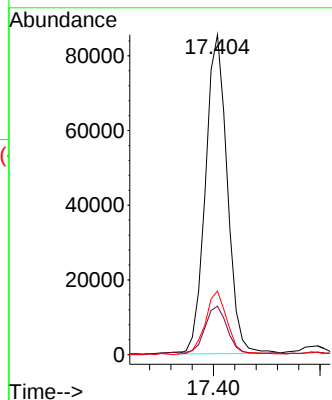
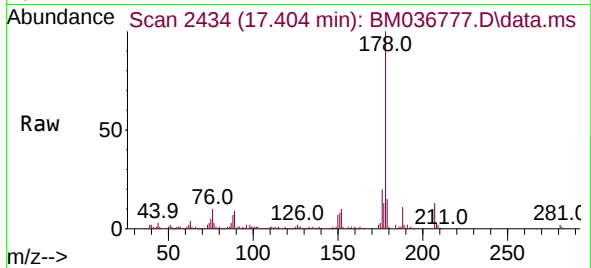




#72
Phenanthrene
Concen: 1.560 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM036777.D
Acq: 27 Sep 2022 14:09

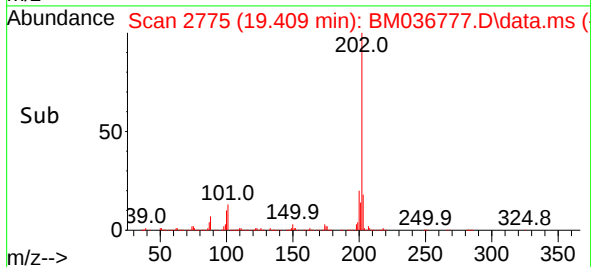
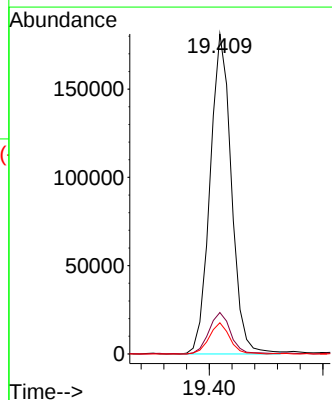
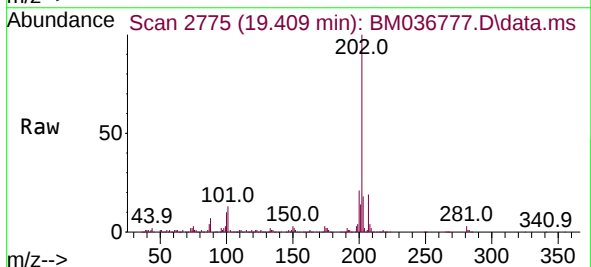
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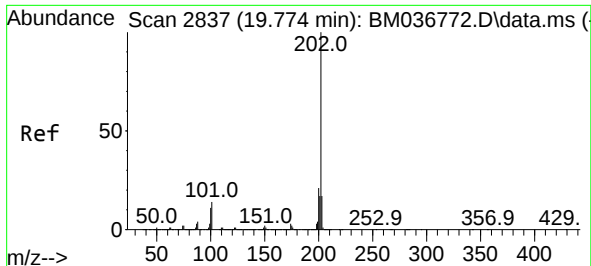
Tgt Ion:178 Resp: 121180
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.9 15.7 23.5



#80
Fluoranthene
Concen: 3.477 ng/ul
RT: 19.409 min Scan# 2775
Delta R.T. -0.006 min
Lab File: BM036777.D
Acq: 27 Sep 2022 14:09

Tgt Ion:202 Resp: 236872
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
100 9.7 7.4 11.2

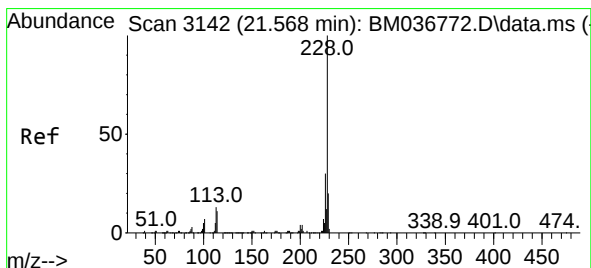
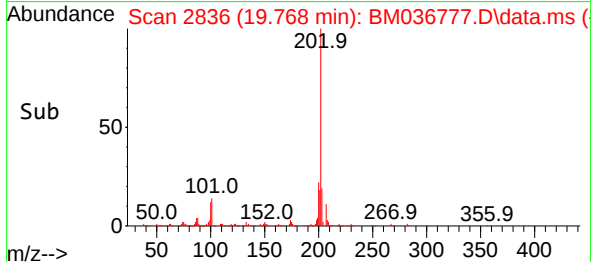
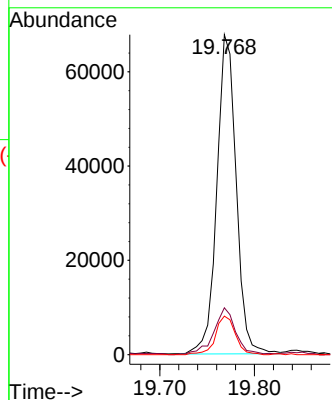
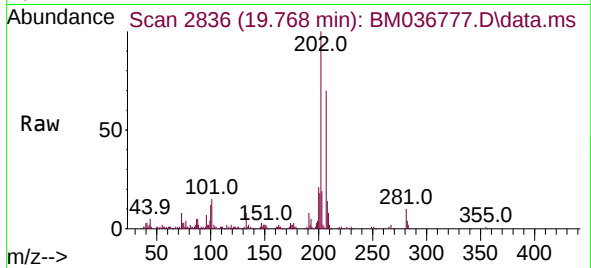




#82
 Pyrene
 Concen: 1.334 ng/ul
 RT: 19.768 min Scan# 2837
 Delta R.T. -0.006 min
 Lab File: BM036777.D
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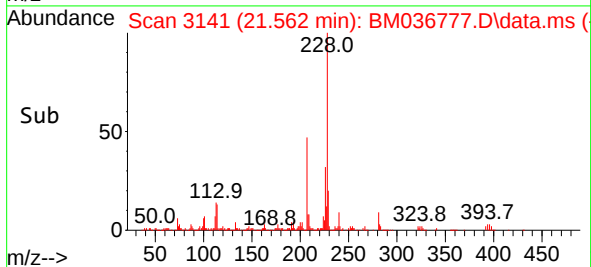
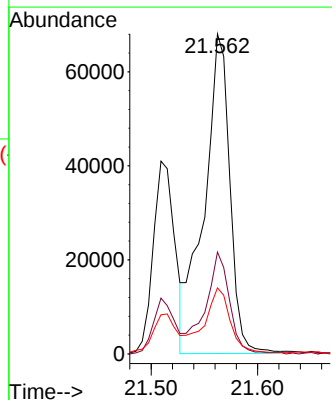
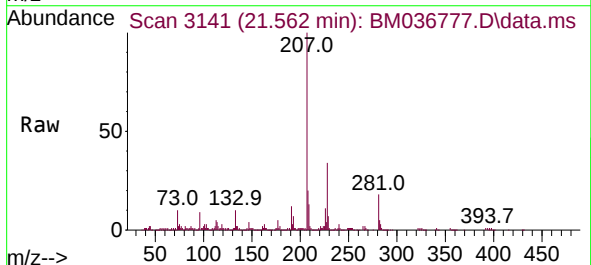
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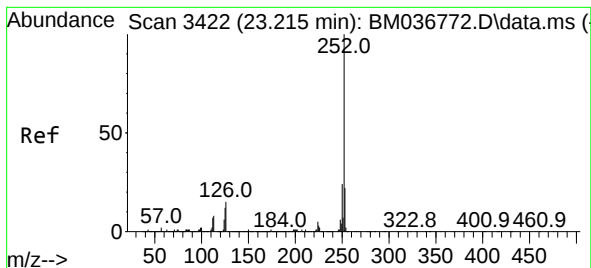
Tgt Ion:202 Resp: 96231
 Ion Ratio Lower Upper
 202 100
 101 14.6 10.9 16.3
 100 12.0 8.7 13.1



#87
 Chrysene
 Concen: 1.710 ng/ul
 RT: 21.562 min Scan# 3141
 Delta R.T. -0.006 min
 Lab File: BM036777.D
 Acq: 27 Sep 2022 14:09

Tgt Ion:228 Resp: 114920
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.4 36.6
 229 20.6 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 1.315 ng/ul

RT: 23.215 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM036777.D

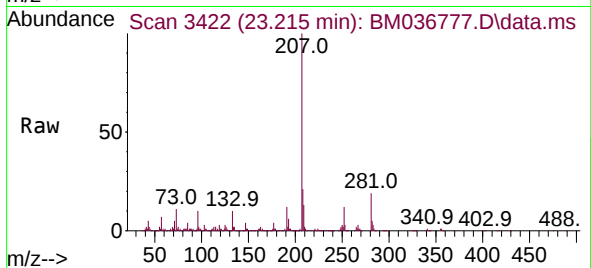
Acq: 27 Sep 2022 14:09

Instrument :

BNA_M

ClientSampleId :

A0AZ9



Tgt Ion:252 Resp: 79468

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 21.9 9.1 13.7#

