

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036736.D
 Acq On : 25 Sep 2022 04:22
 Operator : CG/JU
 Sample : N4693-14
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020188

Quant Time: Sep 26 01:16:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

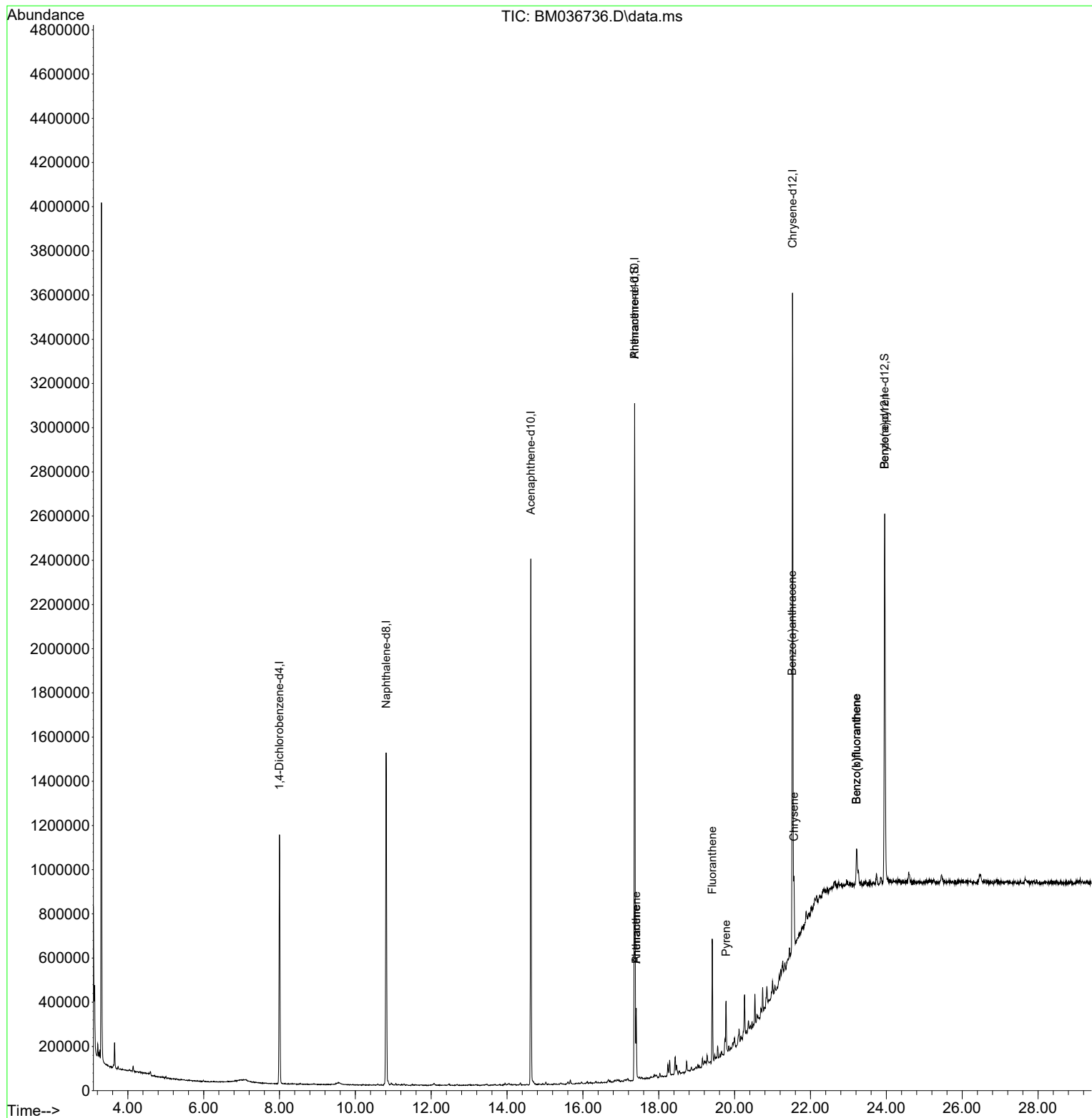
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	294908	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.810	136	1218135	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.627	164	780814	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	1738289	20.000	ng/ul	-0.01
79) Chrysene-d12	21.527	240	1357176	20.000	ng/ul	-0.02
88) Perylene-d12	23.956	264	1167364	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	521	0.066	ng/uL	-0.01
4) Pyridine-d5	3.799	84	207	0.009	ng/ul	-0.02
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.387	67	244	0.015	ng/ul	0.05
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	10.539	165	117	0.007	ng/ul	0.09
31) 4-Chloroaniline-d4	10.851	131	58	0.002	ng/ul	-0.11
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	14.316	160	379	0.006	ng/ul	-0.02
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.615	176	752	0.016	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.362	188	1738289	21.871	ng/ul	-0.11
81) Pyrene-d10	19.745	212	1957	0.029	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.956	264	1052589	18.456	ng/ul	0.14
Target Compounds						
					Qvalue	
72) Phenanthrene	17.404	178	171966	1.796	ng/ul	98
74) Anthracene	17.404	178	171966	1.767	ng/ul	97
80) Fluoranthene	19.409	202	316431	3.868	ng/ul	99
82) Pyrene	19.774	202	141409	1.633	ng/ul	97
85) Benzo(a)anthracene	21.515	228	91561	1.077	ng/ul	99
87) Chrysene	21.568	228	142386	1.764	ng/ul	99
90) Benzo(b)fluoranthene	23.215	252	145288	1.963	ng/ul#	94
91) Benzo(k)fluoranthene	23.215	252	145288	1.964	ng/ul#	93

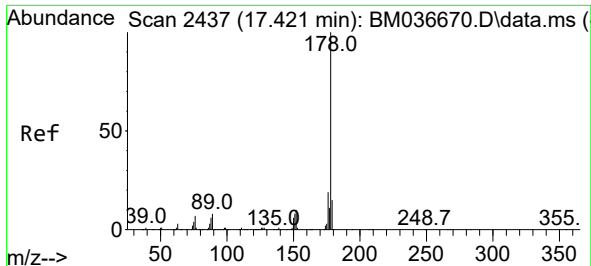
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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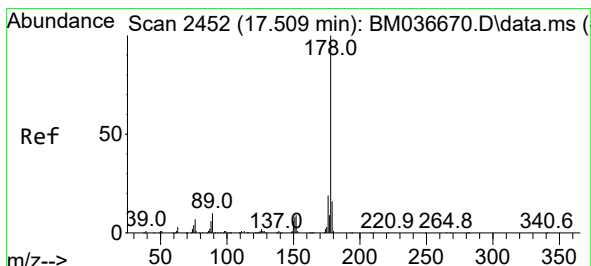
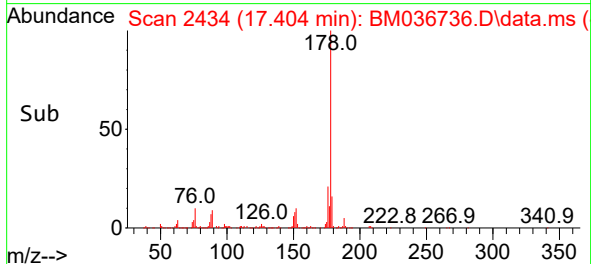
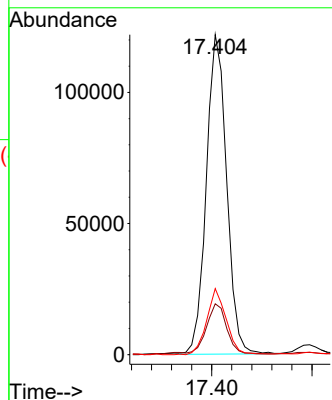
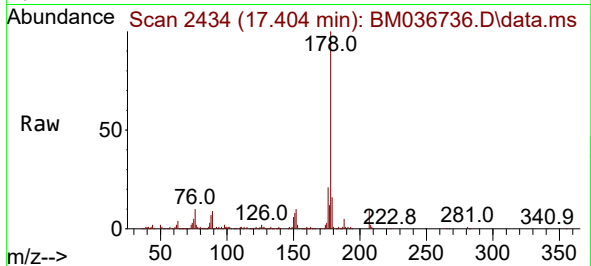




#72
Phenanthrene
Concen: 1.796 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM036736.D
Acq: 25 Sep 2022 04:22

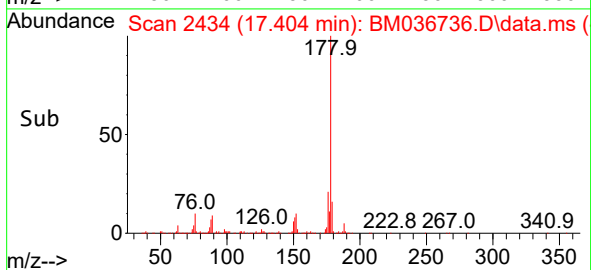
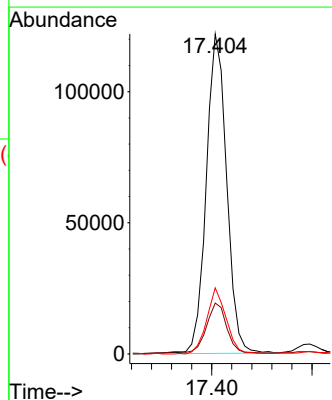
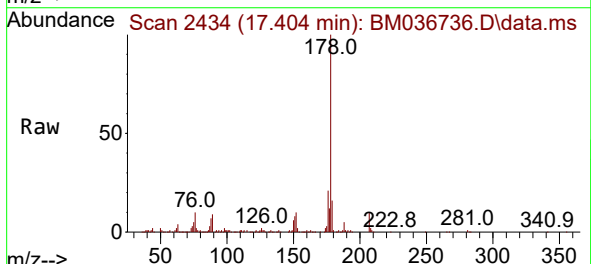
Instrument :
BNA_M
ClientSampleId :
SSTD020188

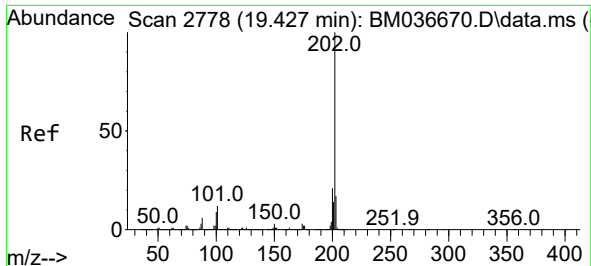
Tgt Ion:178 Resp: 171966
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 20.7 15.7 23.5



#74
Anthracene
Concen: 1.767 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.106 min
Lab File: BM036736.D
Acq: 25 Sep 2022 04:22

Tgt Ion:178 Resp: 171966
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 20.7 15.0 22.6

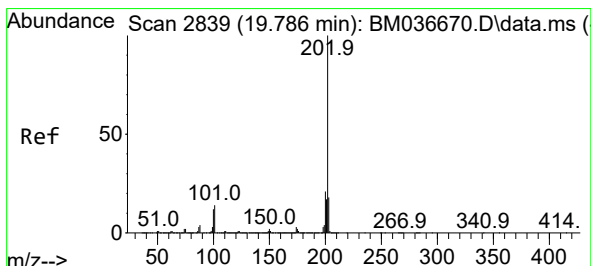
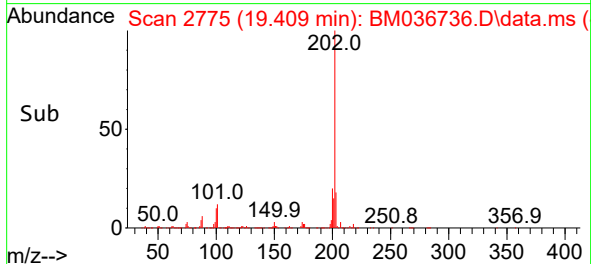
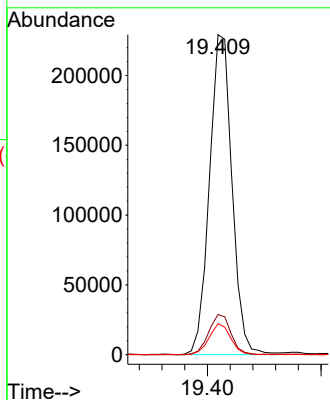
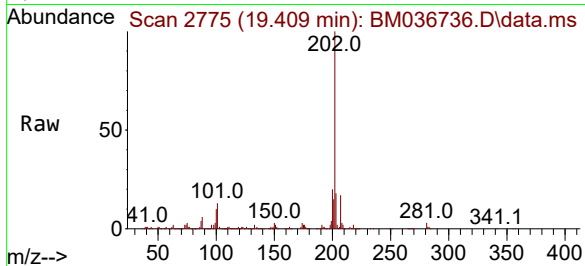




#80
Fluoranthene
Concen: 3.868 ng/ul
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM036736.D
Acq: 25 Sep 2022 04:22

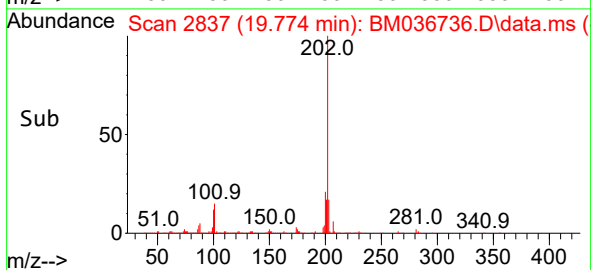
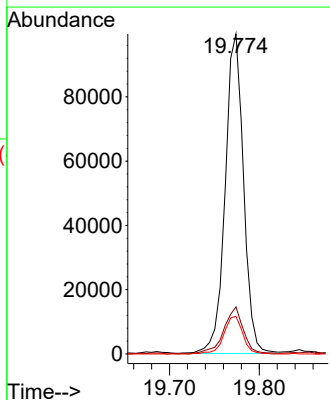
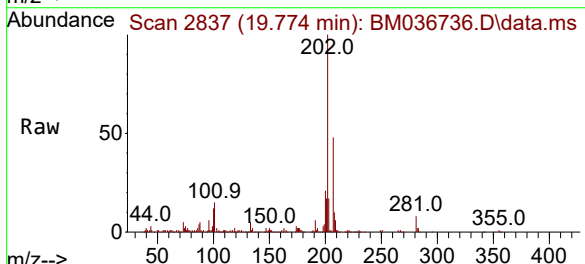
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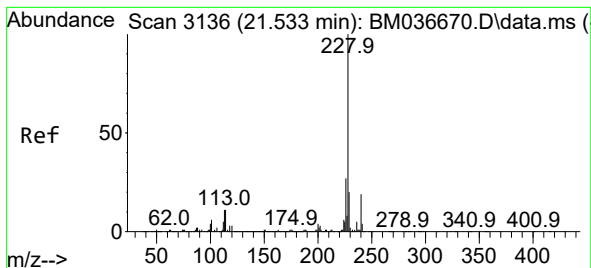
Tgt Ion:202 Resp: 316431
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.6
100 9.7 7.4 11.2



#82
Pyrene
Concen: 1.633 ng/ul
RT: 19.774 min Scan# 2837
Delta R.T. -0.012 min
Lab File: BM036736.D
Acq: 25 Sep 2022 04:22

Tgt Ion:202 Resp: 141409
Ion Ratio Lower Upper
202 100
101 14.7 10.9 16.3
100 11.7 8.7 13.1





#85

Benzo(a)anthracene

Concen: 1.077 ng/ul

RT: 21.515 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BM036736.D

Acq: 25 Sep 2022 04:22

Instrument :

BNA_M

ClientSampleId :

SSTD020188

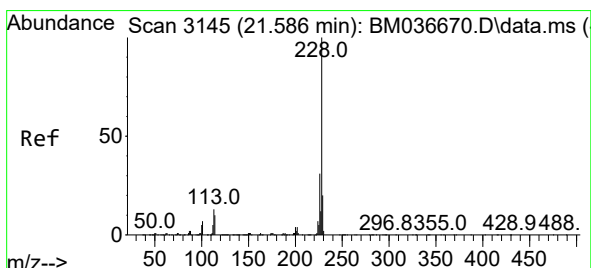
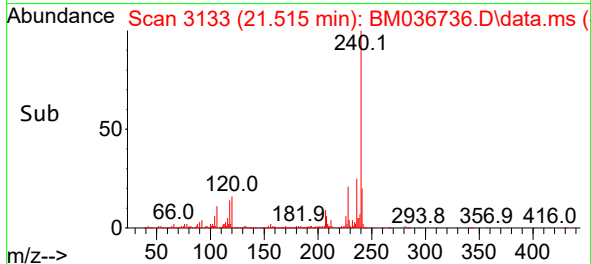
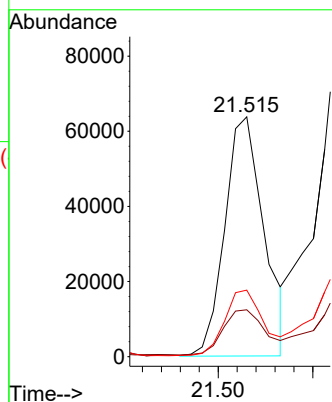
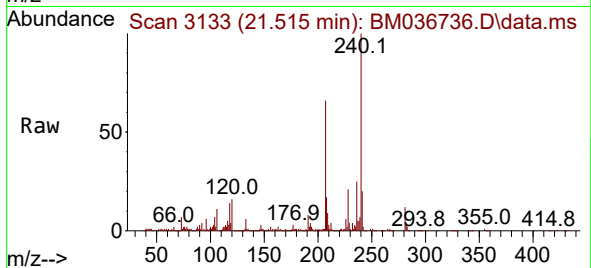
Tgt Ion:228 Resp: 91561

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.8

226 27.7 21.9 32.9



#87

Chrysene

Concen: 1.764 ng/ul

RT: 21.568 min Scan# 3142

Delta R.T. -0.012 min

Lab File: BM036736.D

Acq: 25 Sep 2022 04:22

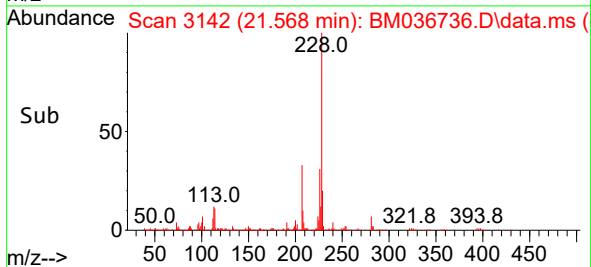
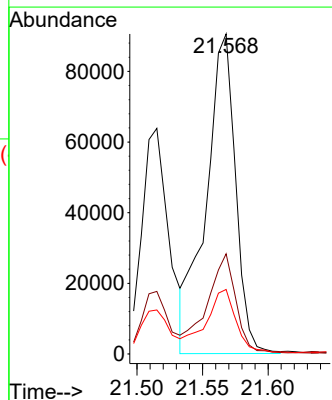
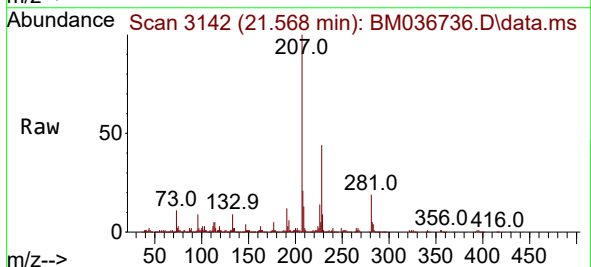
Tgt Ion:228 Resp: 142386

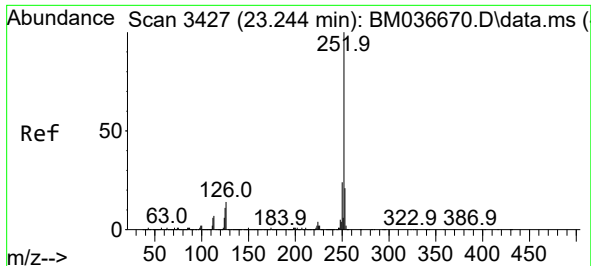
Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

229 20.2 15.6 23.4

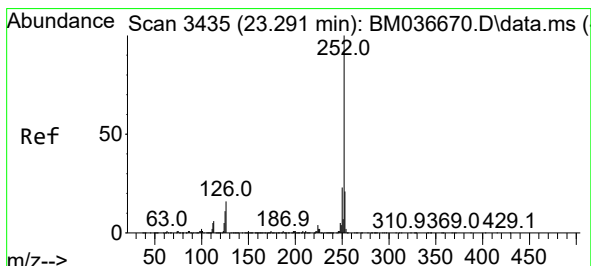
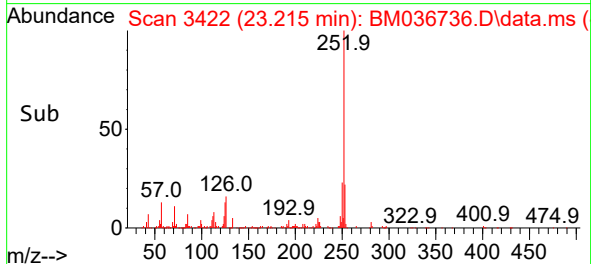
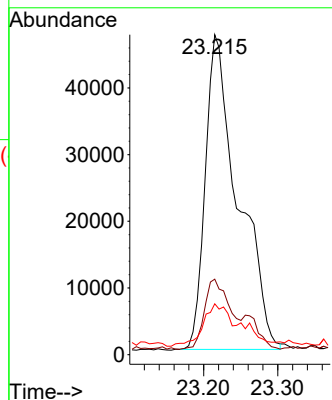
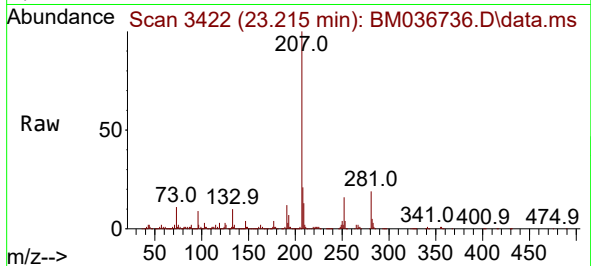




#90
Benzo(b)fluoranthene
Concen: 1.963 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.023 min
Lab File: BM036736.D
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Tgt Ion:252 Resp: 145288
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 15.9 9.1 13.7#



#91
Benzo(k)fluoranthene
Concen: 1.964 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.070 min
Lab File: BM036736.D
Acq: 25 Sep 2022 04:22

Tgt Ion:252 Resp: 145288
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 15.9 8.2 12.4#

