

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036735.D
 Acq On : 25 Sep 2022 03:46
 Operator : CG/JU
 Sample : N4693-08
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AZ7

Quant Time: Sep 26 01:16:17 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)

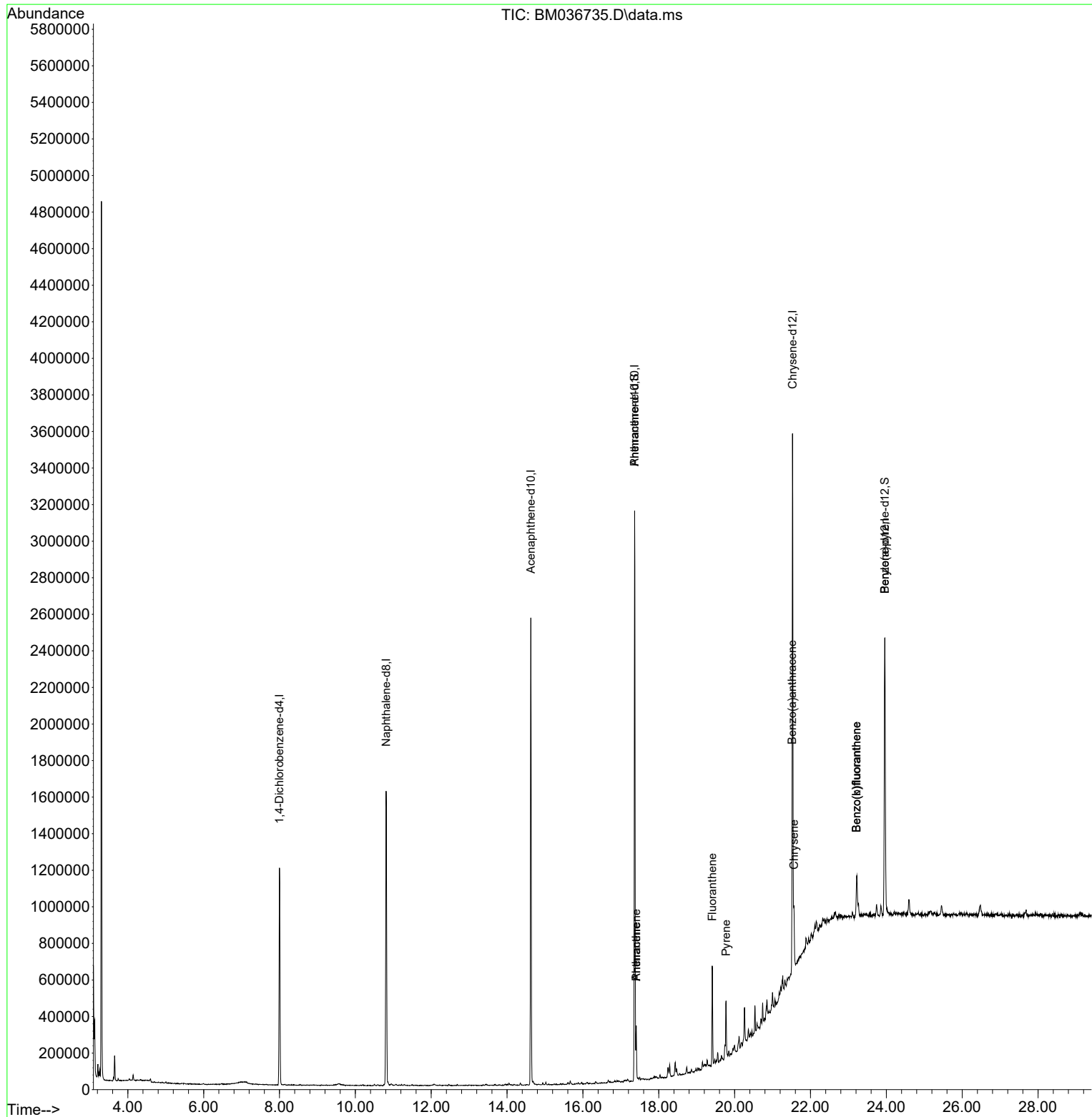
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	310467	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.810	136	1291652	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.627	164	827013	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	1733195	20.000	ng/ul	-0.01
79) Chrysene-d12	21.527	240	1289643	20.000	ng/ul	-0.02
88) Perylene-d12	23.962	264	1105904	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	273	0.033	ng/uL	0.00
4) Pyridine-d5	3.810	84	137	0.006	ng/ul	0.00
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.375	67	54	0.003	ng/ul	0.04
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	0.000	165	0	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.998	131	63	0.002	ng/ul	0.04
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	14.321	160	393	0.006	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.945	143	298	0.028	ng/ul	0.11
60) Fluorene-d10	15.610	176	843	0.017	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.362	188	1733195	21.871	ng/ul	-0.11
81) Pyrene-d10	19.745	212	2244	0.035	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.962	264	1036088	19.176	ng/ul	0.14
Target Compounds					Qvalue	
72) Phenanthrene	17.404	178	161230	1.689	ng/ul	97
74) Anthracene	17.404	178	161230	1.662	ng/ul	98
80) Fluoranthene	19.409	202	313289	4.030	ng/ul	98
82) Pyrene	19.774	202	182865	2.222	ng/ul	99
85) Benzo(a)anthracene	21.515	228	109234	1.352	ng/ul	99
87) Chrysene	21.568	228	147572	1.924	ng/ul	99
90) Benzo(b)fluoranthene	23.215	252	112772	1.608	ng/ul#	95
91) Benzo(k)fluoranthene	23.215	252	112772	1.609	ng/ul#	94

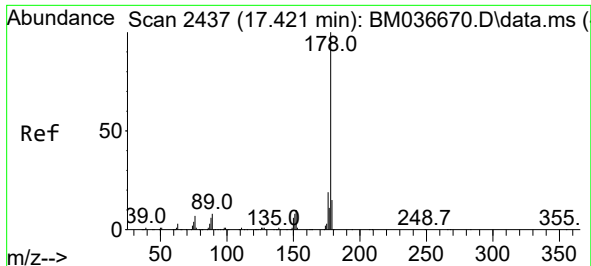
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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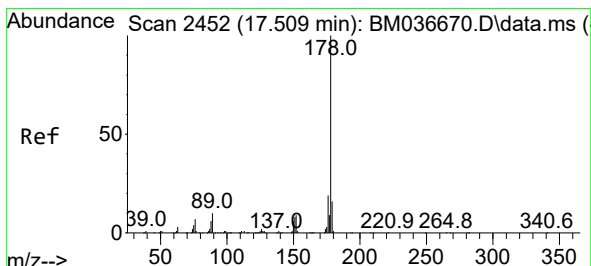
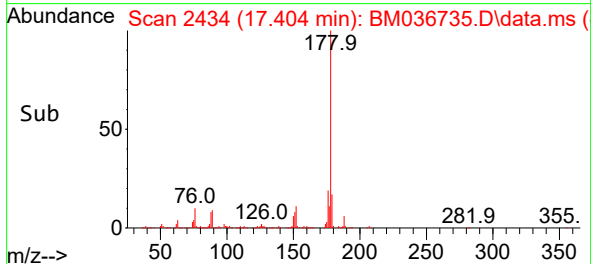
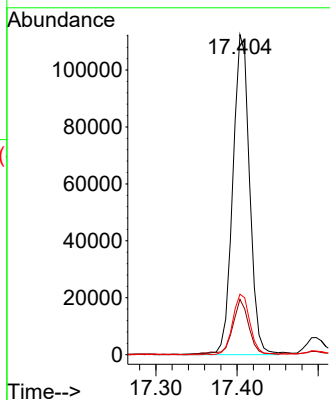
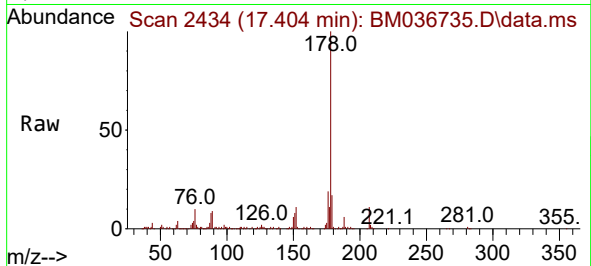




#72
Phenanthrene
Concen: 1.689 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM036735.D
Acq: 25 Sep 2022 03:46

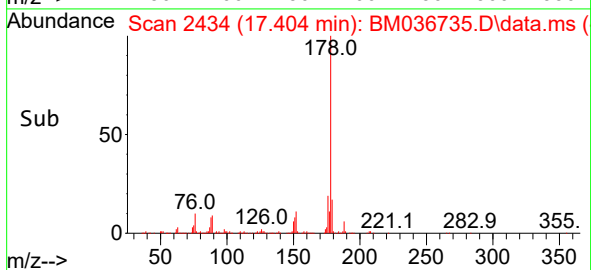
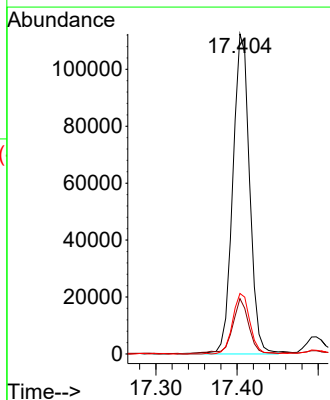
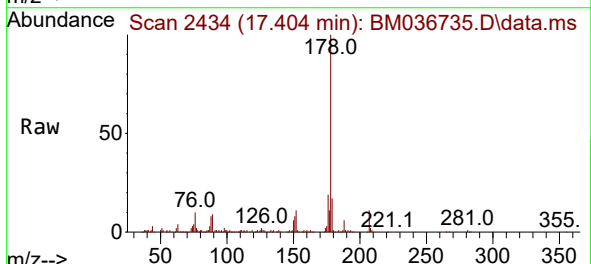
Instrument :
BNA_M
ClientSampleId :
A0AZ7

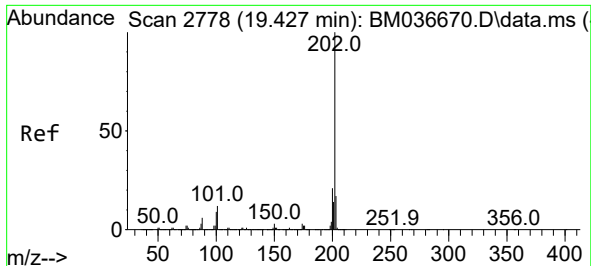
Tgt Ion:178 Resp: 161230
Ion Ratio Lower Upper
178 100
179 17.3 12.2 18.2
176 18.9 15.7 23.5



#74
Anthracene
Concen: 1.662 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.106 min
Lab File: BM036735.D
Acq: 25 Sep 2022 03:46

Tgt Ion:178 Resp: 161230
Ion Ratio Lower Upper
178 100
179 17.3 12.3 18.5
176 18.9 15.0 22.6

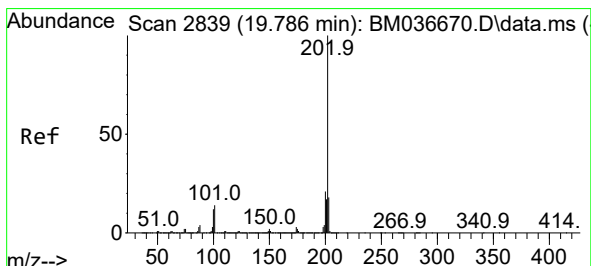
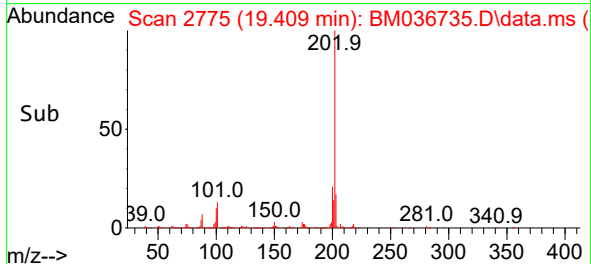
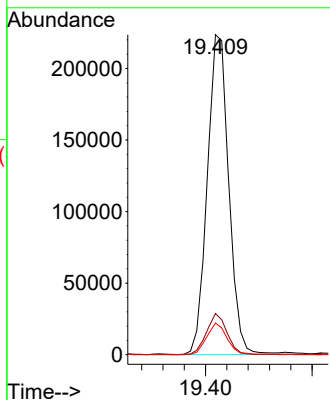
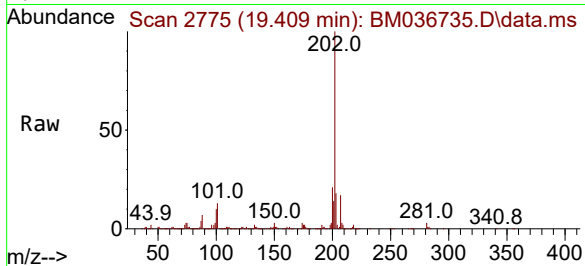




#80
Fluoranthene
Concen: 4.030 ng/uI
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM036735.D
Acq: 25 Sep 2022 03:46

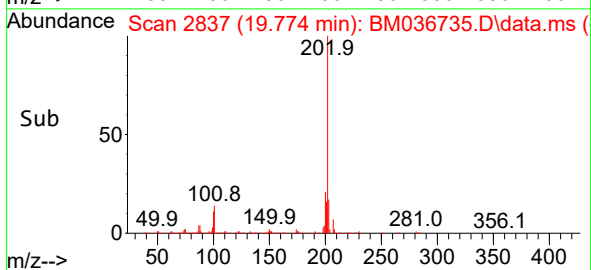
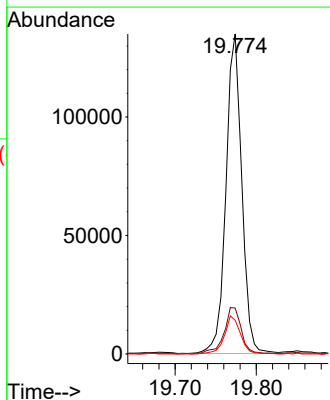
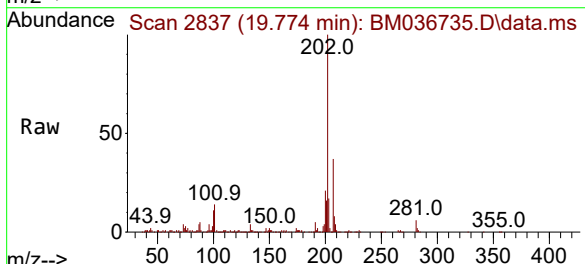
Instrument :
BNA_M
ClientSampleId :
A0AZ7

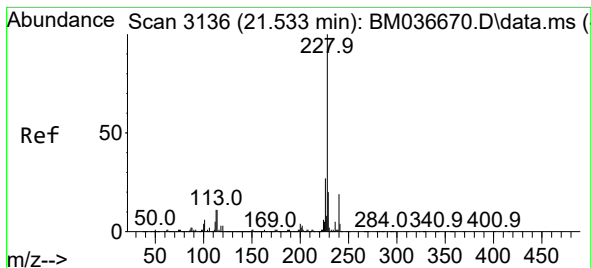
Tgt Ion:202 Resp: 313289
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 9.9 7.4 11.2



#82
Pyrene
Concen: 2.222 ng/uI
RT: 19.774 min Scan# 2837
Delta R.T. -0.012 min
Lab File: BM036735.D
Acq: 25 Sep 2022 03:46

Tgt Ion:202 Resp: 182865
Ion Ratio Lower Upper
202 100
101 14.3 10.9 16.3
100 10.6 8.7 13.1





#85

Benzo(a)anthracene

Concen: 1.352 ng/ul

RT: 21.515 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM036735.D

Acq: 25 Sep 2022 03:46

Instrument :

BNA_M

ClientSampleId :

A0AZ7

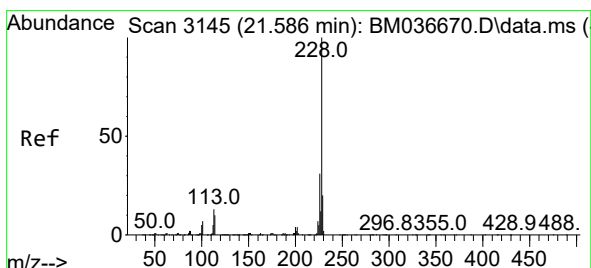
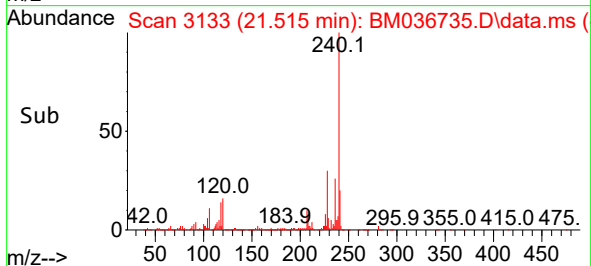
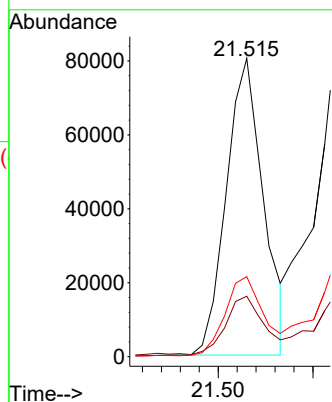
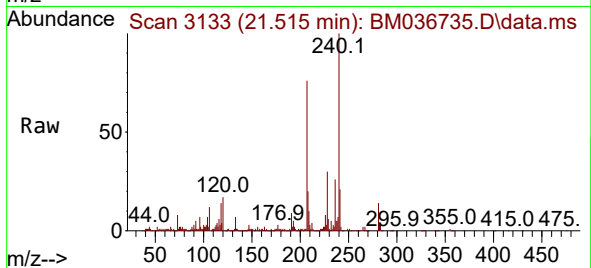
Tgt Ion:228 Resp: 109234

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.8

226 26.8 21.9 32.9



#87

Chrysene

Concen: 1.924 ng/ul

RT: 21.568 min Scan# 3142

Delta R.T. -0.012 min

Lab File: BM036735.D

Acq: 25 Sep 2022 03:46

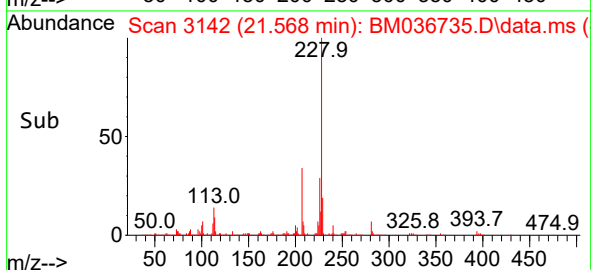
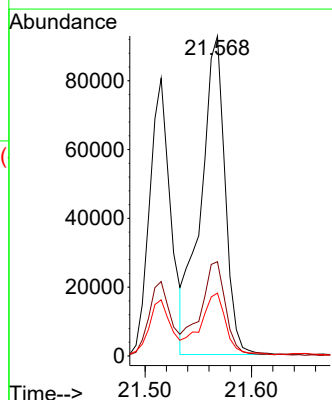
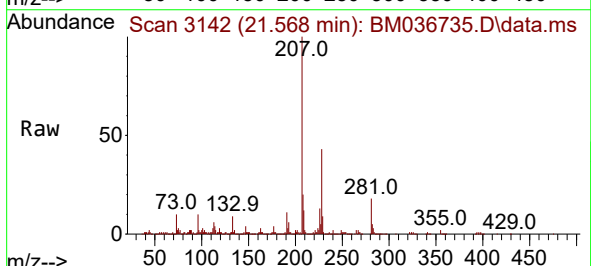
Tgt Ion:228 Resp: 147572

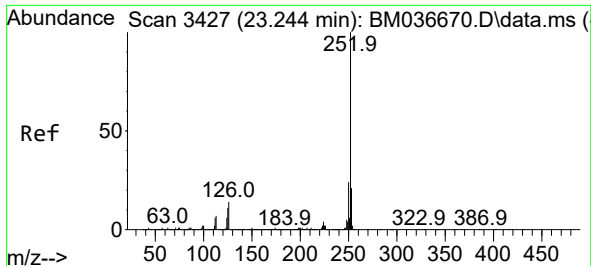
Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 19.7 15.6 23.4

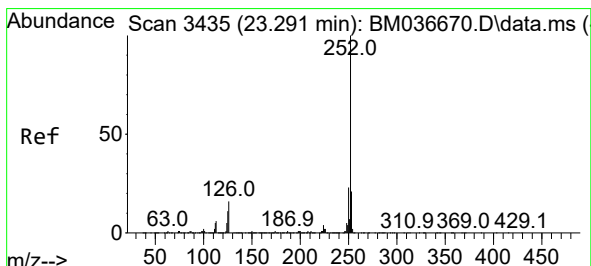
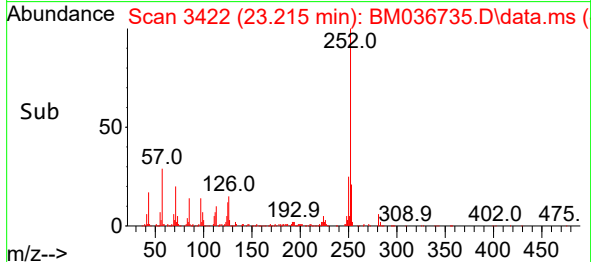
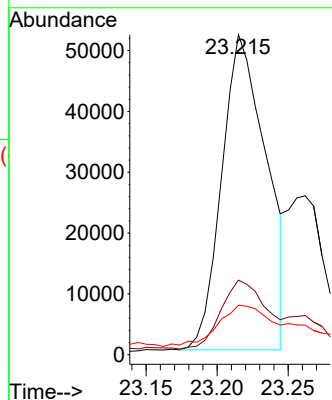
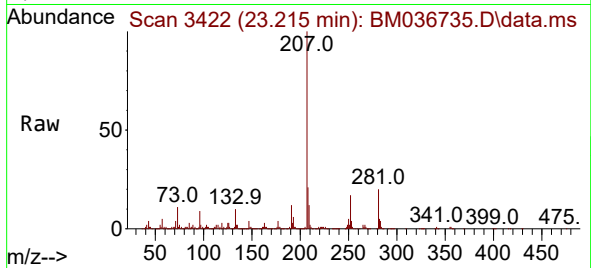




#90
Benzo(b)fluoranthene
Concen: 1.608 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.023 min
Lab File: BM036735.D
Acq: 25 Sep 2022 03:46

Instrument :
BNA_M
ClientSampleId :
A0AZ7

Tgt Ion:252 Resp: 112772
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 15.4 9.1 13.7#



#91
Benzo(k)fluoranthene
Concen: 1.609 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.070 min
Lab File: BM036735.D
Acq: 25 Sep 2022 03:46

Tgt Ion:252 Resp: 112772
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 15.4 8.2 12.4#

