

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036734.D
 Acq On : 25 Sep 2022 03:10
 Operator : CG/JU
 Sample : N4693-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AZ3

Quant Time: Sep 26 01:16:08 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

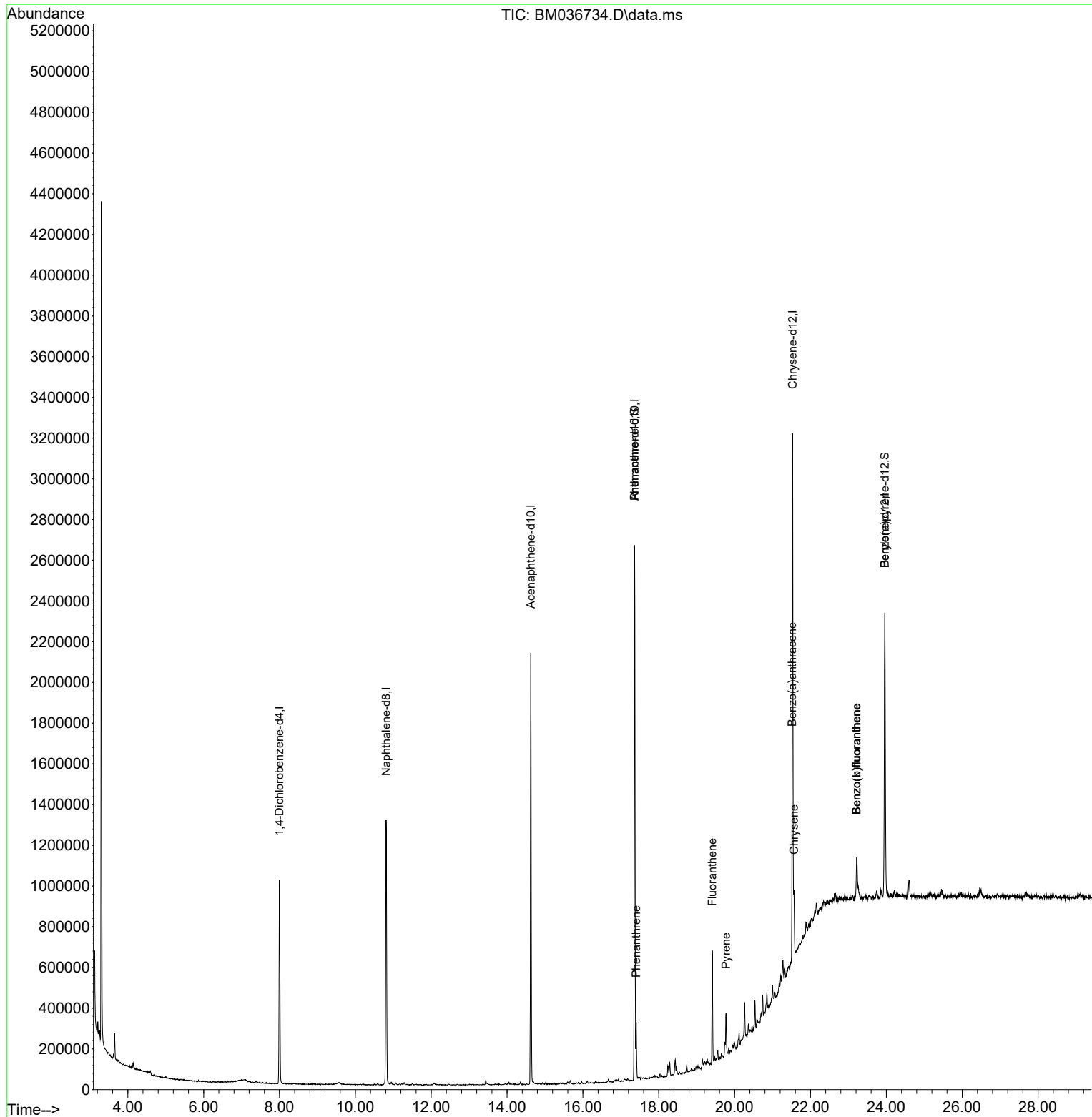
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	260563	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.810	136	1067172	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.627	164	684152	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.363	188	1492100	20.000	ng/ul	-0.01
79) Chrysene-d12	21.527	240	1151566	20.000	ng/ul	-0.02
88) Perylene-d12	23.962	264	994627	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	498	0.072	ng/uL	0.00
4) Pyridine-d5	3.816	84	137	0.007	ng/ul	0.00
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.381	67	965	0.068	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	10.822	131	1569	0.063	ng/ul	-0.14
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul	
49) Acenaphthylene-d8	14.322	160	428	0.008	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.939	143	214	0.024	ng/ul	0.11
60) Fluorene-d10	15.616	176	832	0.020	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.363	188	1492100	21.871	ng/ul	-0.11
81) Pyrene-d10	19.751	212	2130	0.038	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	930187	19.142	ng/ul	0.14
Target Compounds						
					Qvalue	
72) Phenanthrene	17.404	178	151615	1.845	ng/ul	99
80) Fluoranthene	19.409	202	312179	4.497	ng/ul	99
82) Pyrene	19.774	202	121608	1.655	ng/ul	100
85) Benzo(a)anthracene	21.515	228	83780	1.161	ng/ul	99
87) Chrysene	21.568	228	140223	2.047	ng/ul	99
90) Benzo(b)fluoranthene	23.215	252	103961	1.648	ng/ul#	92
91) Benzo(k)fluoranthene	23.215	252	103961	1.650	ng/ul#	92

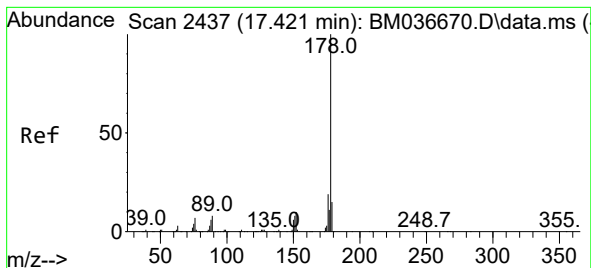
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.845 ng/ul

RT: 17.404 min Scan# 2437

Delta R.T. -0.011 min

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A0AZ3

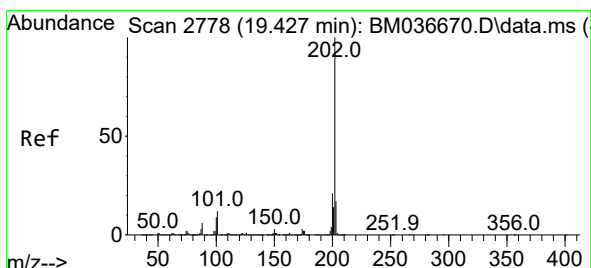
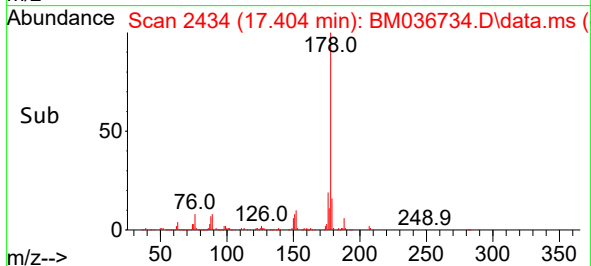
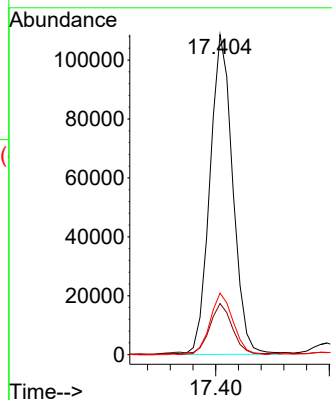
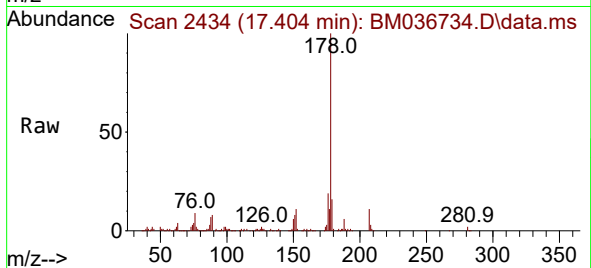
Tgt Ion:178 Resp: 151615

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

176 19.3 15.7 23.5



#80

Fluoranthene

Concen: 4.497 ng/ul

RT: 19.409 min Scan# 2775

Delta R.T. -0.017 min

Lab File: BM036734.D

Acq: 25 Sep 2022 03:10

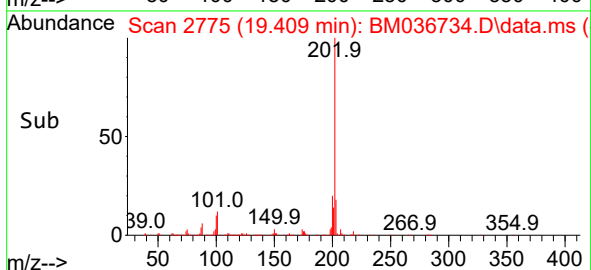
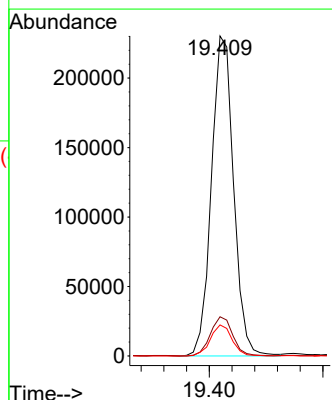
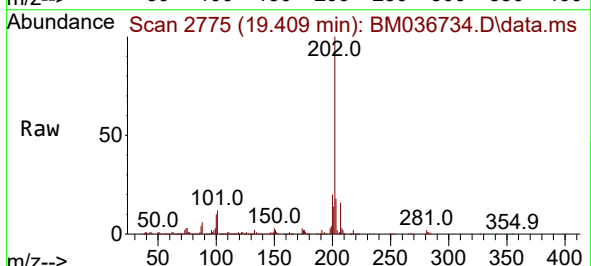
Tgt Ion:202 Resp: 312179

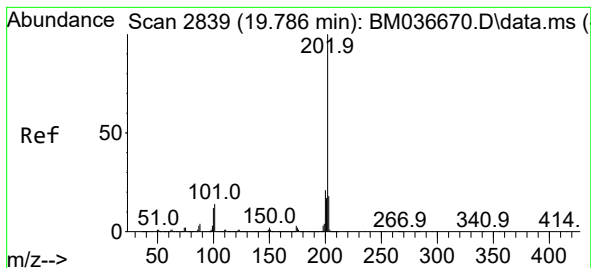
Ion Ratio Lower Upper

202 100

101 12.2 9.8 14.6

100 9.7 7.4 11.2





#82

Pyrene

Concen: 1.655 ng/ul

RT: 19.774 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM036734.D

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BNA_M

ClientSampleId :

A0AZ3

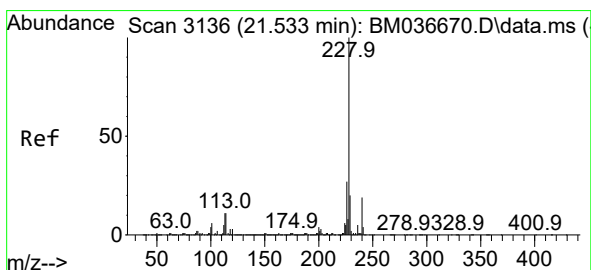
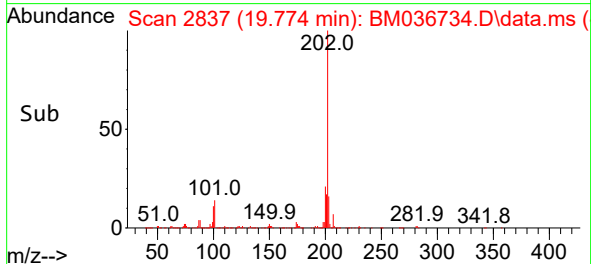
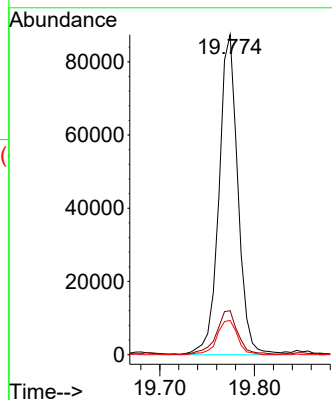
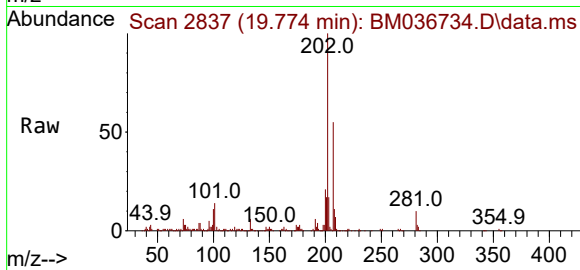
Tgt Ion:202 Resp: 121608

Ion Ratio Lower Upper

202 100

101 13.7 10.9 16.3

100 10.7 8.7 13.1



#85

Benzo(a)anthracene

Concen: 1.161 ng/ul

RT: 21.515 min Scan# 3133

Delta R.T. -0.011 min

Lab File: BM036734.D

Acq: 25 Sep 2022 03:10

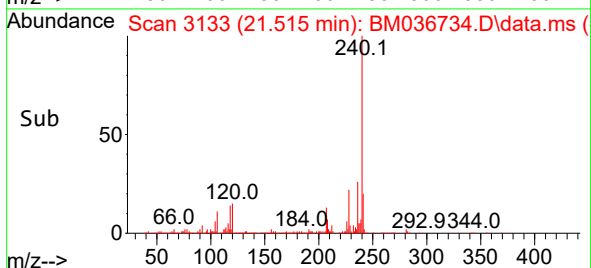
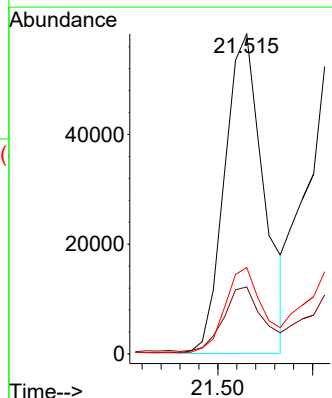
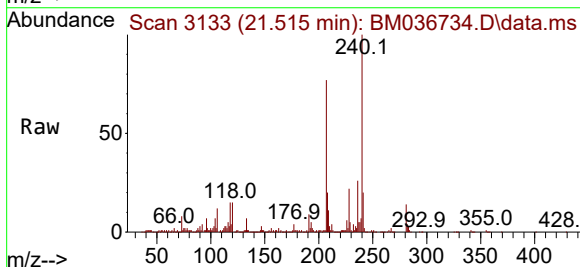
Tgt Ion:228 Resp: 83780

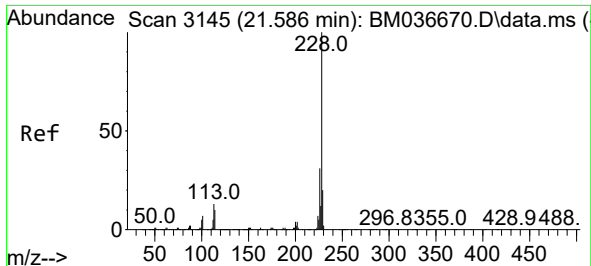
Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.8

226 27.0 21.9 32.9

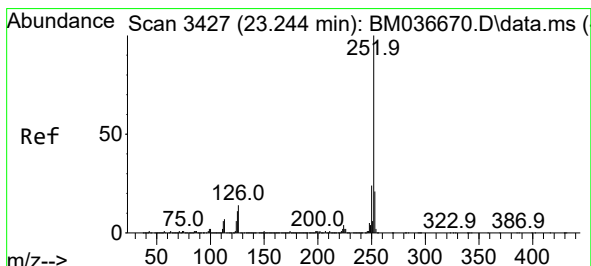
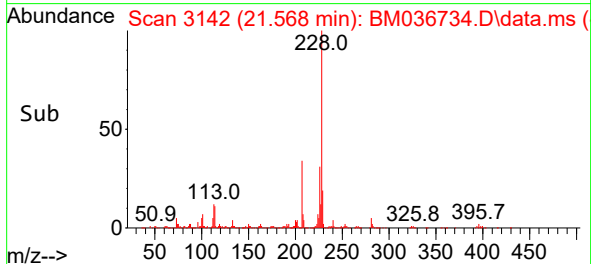
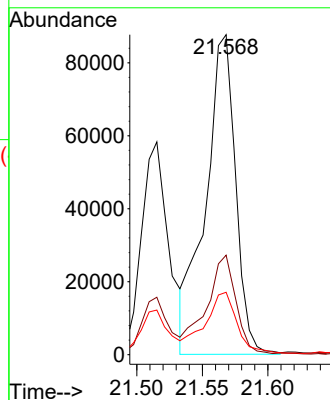
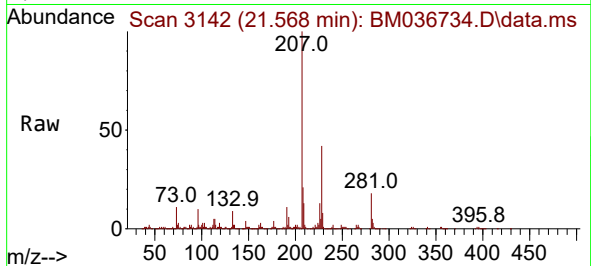




#87
Chrysene
Concen: 2.047 ng/ul
RT: 21.568 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BM036734.D
Acq: 25 Sep 2022 03:10

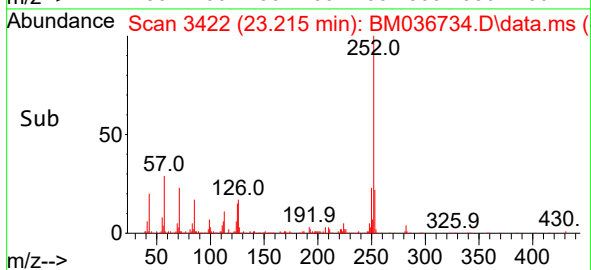
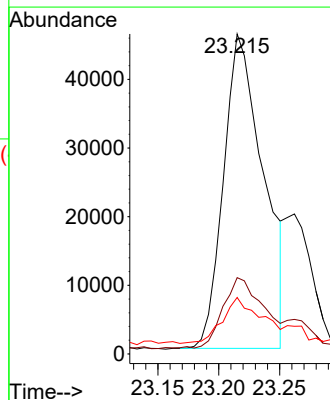
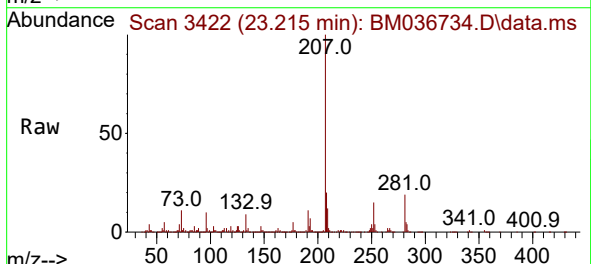
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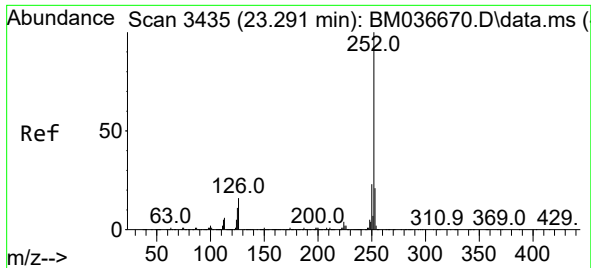
Tgt Ion:228 Resp: 140223
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 19.5 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 1.648 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.023 min
Lab File: BM036734.D
Acq: 25 Sep 2022 03:10

Tgt Ion:252 Resp: 103961
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 17.7 9.1 13.7#





#91
 Benzo(k)fluoranthene
 Concen: 1.650 ng/ul
 RT: 23.215 min Scan# 34
 Delta R.T. -0.070 min
 Lab File: BM036734.D
 Acq: 25 Sep 2022 03:10

Instrument :
 BNA_M
 ClientSampleId :
 A0AZ3

Tgt Ion:252 Resp: 103961
 Ion Ratio Lower Upper
 252 100
 253 23.8 17.8 26.8
 125 17.7 8.2 12.4#

