

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036586.D
 Acq On : 19 Sep 2022 18:47
 Operator : CG/JU
 Sample : N4604-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 19 22:34:05 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)

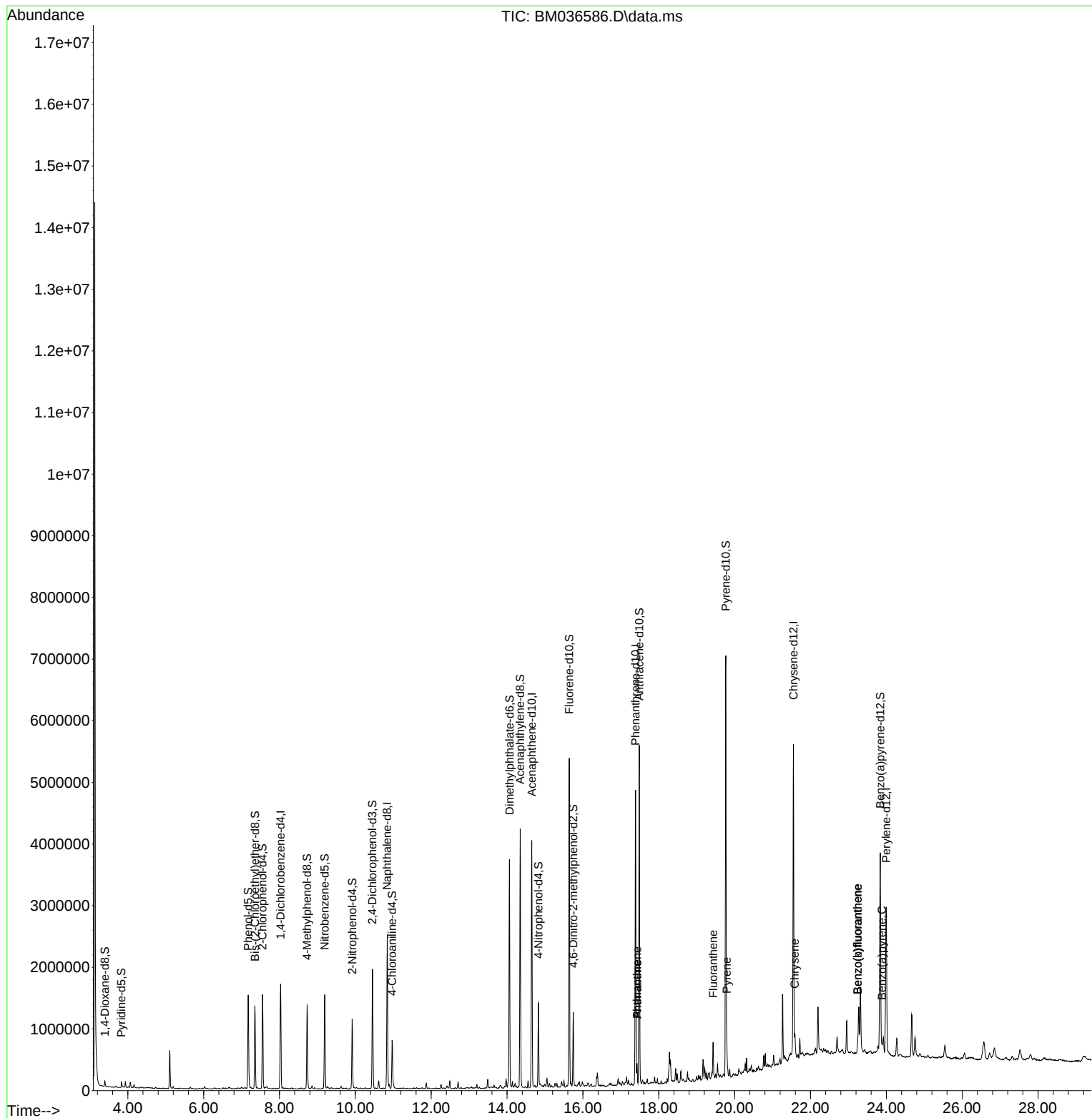
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	447858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	2023627	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1312924	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2647722	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2255139	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1765740	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	46596	3.900	ng/uL	0.00
4) Pyridine-d5	3.828	84	44544	1.278	ng/ul	0.01
7) Phenol-d5	7.175	99	835595	20.878	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	567262	23.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	682226	23.677	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	494825	16.732	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	354888	25.910	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	336689	27.443	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	647466	22.772	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	433144	9.163	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2247420	25.380	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2684558	25.559	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	298874	17.402	ng/ul	0.00
60) Fluorene-d10	15.639	176	2024423	25.511	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	206031	19.668	ng/ul	0.00
73) Anthracene-d10	17.486	188	2871819	23.722	ng/ul	0.00
81) Pyrene-d10	19.768	212	3444588	31.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2289698	26.542	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.427	178	202183	1.386	ng/ul	100
74) Anthracene	17.427	178	202816	1.368	ng/ul	99
80) Fluoranthene	19.433	202	262284	1.929	ng/ul	99
82) Pyrene	19.792	202	269972	1.876	ng/ul	97
87) Chrysene	21.586	228	217386	1.621	ng/ul#	94
90) Benzo(b)fluoranthene	23.244	252	217015	1.938	ng/ul#	94
91) Benzo(k)fluoranthene	23.244	252	217015	1.940	ng/ul#	94
93) Benzo(a)pyrene	23.886	252	103765	1.054	ng/ul#	94

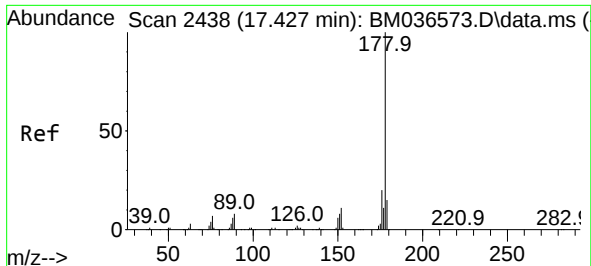
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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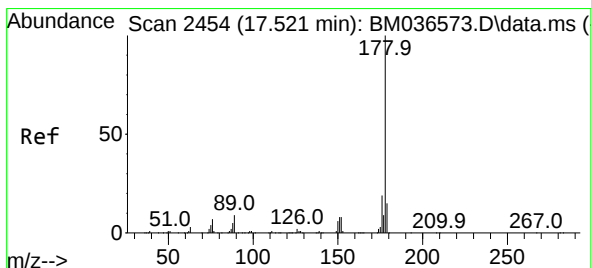
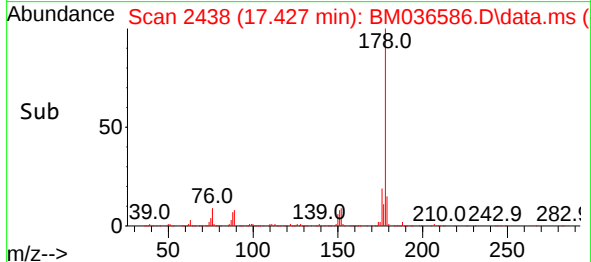
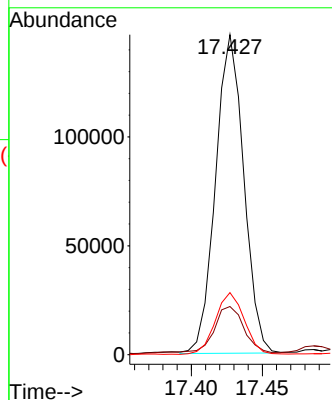
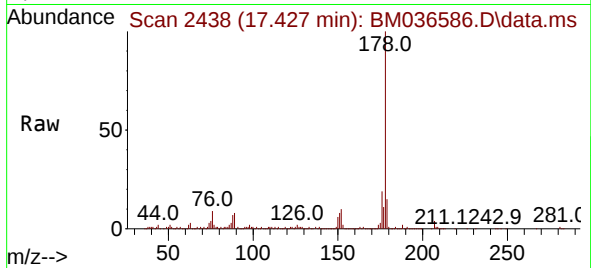




#72
Phenanthrene
Concen: 1.386 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036586.D
Acq: 19 Sep 2022 18:47

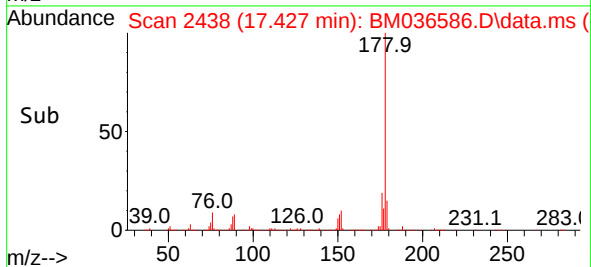
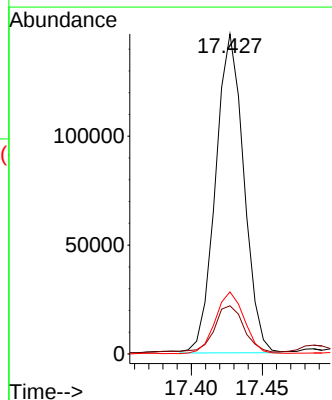
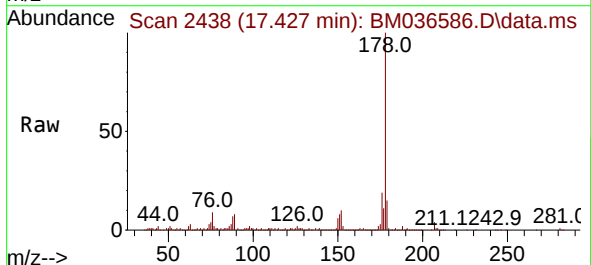
Instrument :
BNA_M
ClientSampleId :

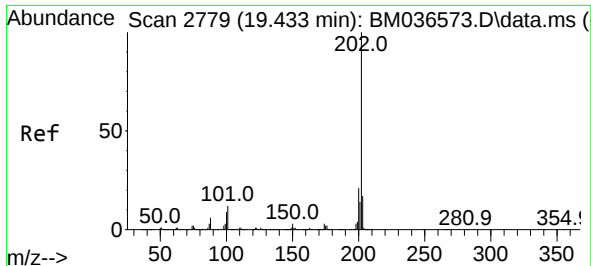
Tgt Ion:178 Resp: 202183
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 19.4 15.7 23.5



#74
Anthracene
Concen: 1.368 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.094 min
Lab File: BM036586.D
Acq: 19 Sep 2022 18:47

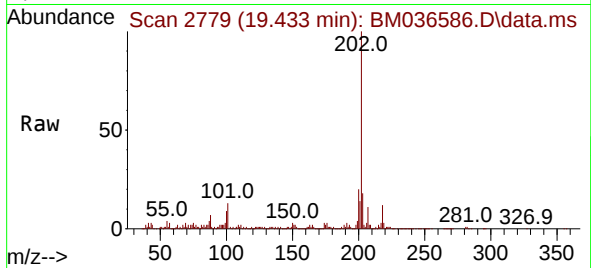
Tgt Ion:178 Resp: 202816
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 19.4 15.0 22.6



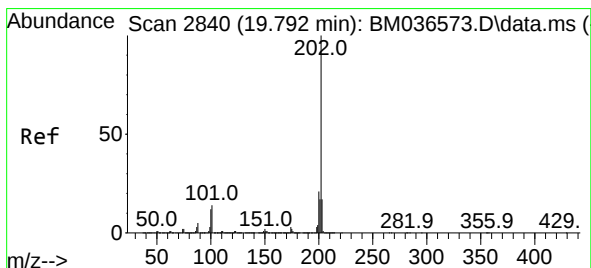
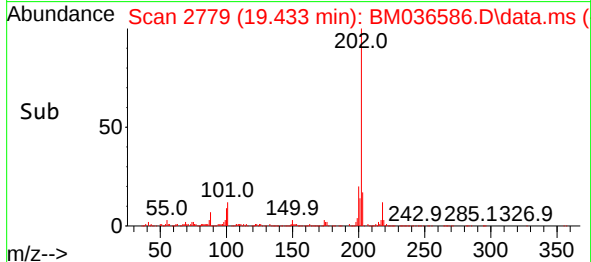
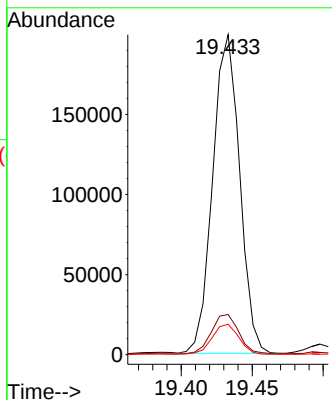


#80
 Fluoranthene
 Concen: 1.929 ng/ul
 RT: 19.433 min Scan# 2779
 Delta R.T. 0.000 min
 Lab File: BM036586.D
 Acq: 19 Sep 2022 18:47

Instrument :
 BNA_M
 ClientSampleId :

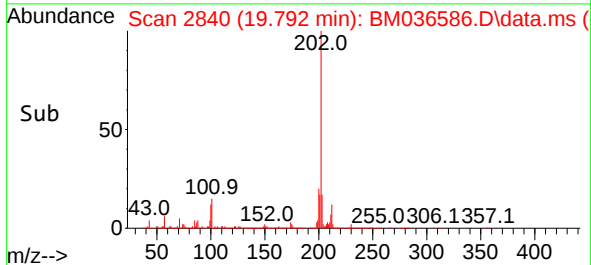
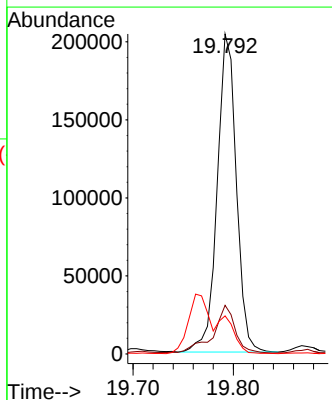
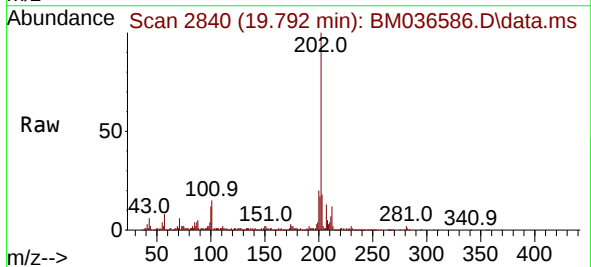


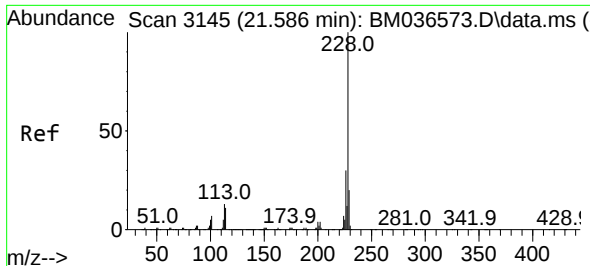
Tgt Ion:202 Resp: 262284
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.8 14.6
 100 9.5 7.4 11.2



#82
 Pyrene
 Concen: 1.876 ng/ul
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.006 min
 Lab File: BM036586.D
 Acq: 19 Sep 2022 18:47

Tgt Ion:202 Resp: 269972
 Ion Ratio Lower Upper
 202 100
 101 15.2 10.9 16.3
 100 11.9 8.7 13.1

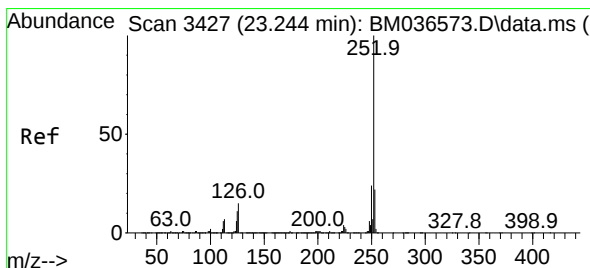
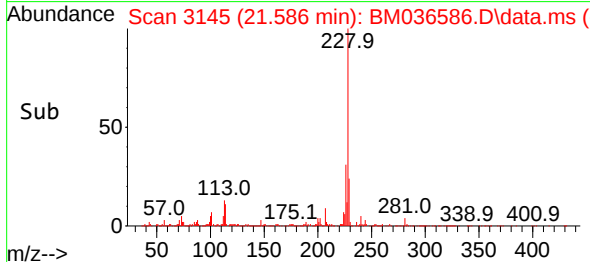
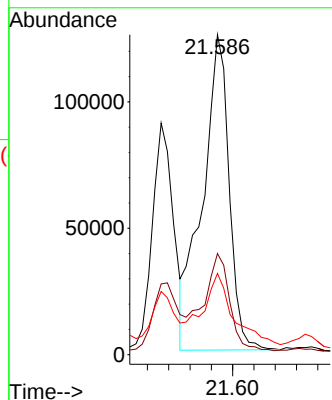
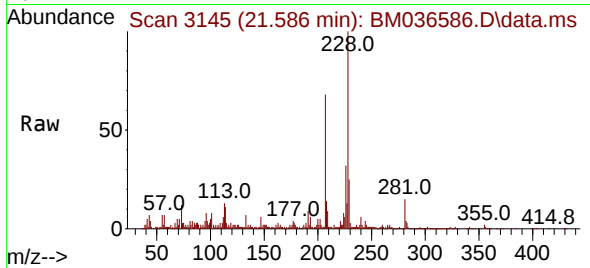




#87
Chrysene
Concen: 1.621 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BM036586.D
Acq: 19 Sep 2022 18:47

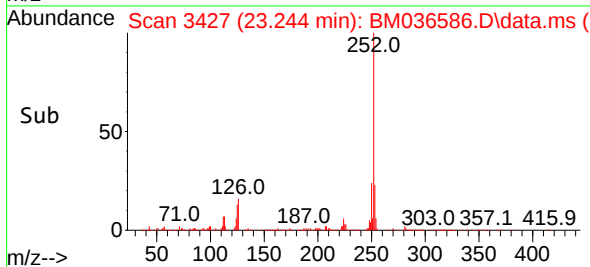
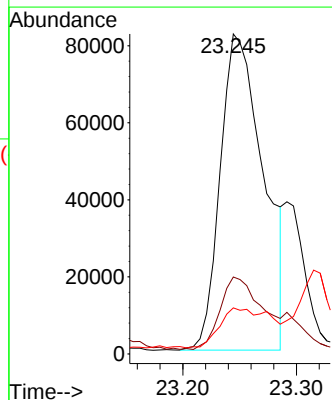
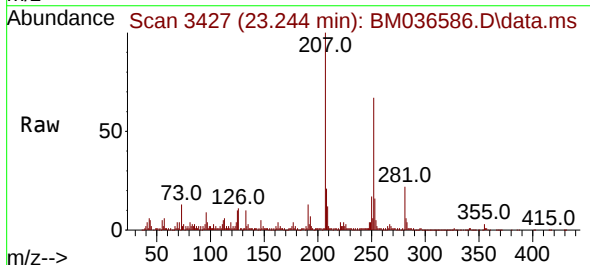
Instrument :
BNA_M
ClientSampleId :

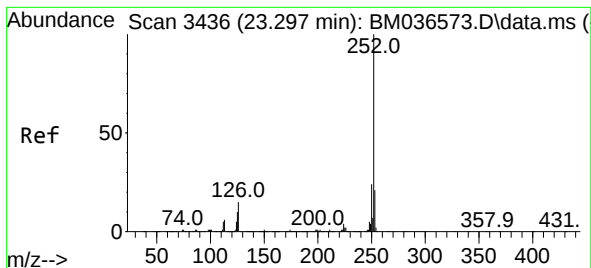
Tgt Ion:228 Resp: 217386
Ion Ratio Lower Upper
228 100
226 31.6 24.4 36.6
229 25.4 15.6 23.4#



#90
Benzo(b)fluoranthene
Concen: 1.938 ng/ul
RT: 23.244 min Scan# 3427
Delta R.T. -0.006 min
Lab File: BM036586.D
Acq: 19 Sep 2022 18:47

Tgt Ion:252 Resp: 217015
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 14.4 9.1 13.7#





#91

Benzo(k)fluoranthene

Concen: 1.940 ng/ul

RT: 23.244 min Scan# 3436

Delta R.T. -0.059 min

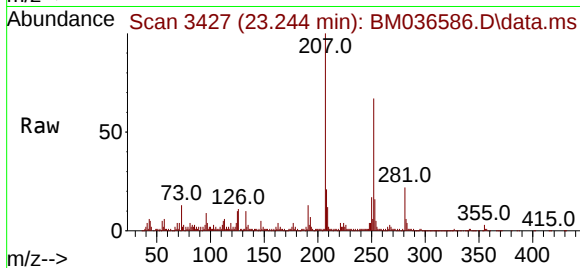
Lab File: BM036586.D

Acq: 19 Sep 2022 18:47

Instrument :

BNA_M

ClientSampleId :



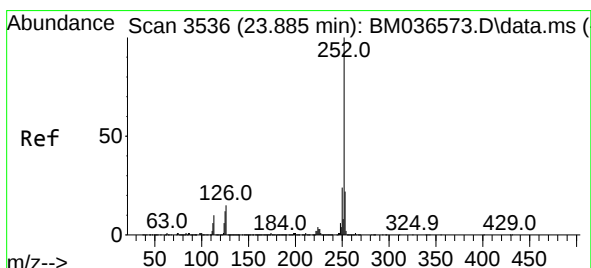
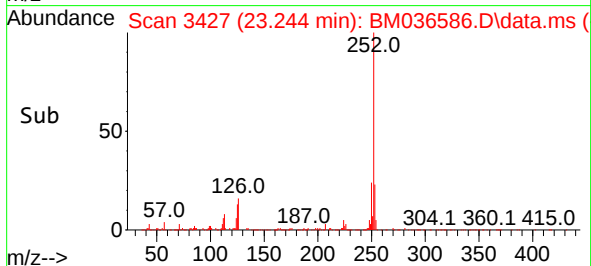
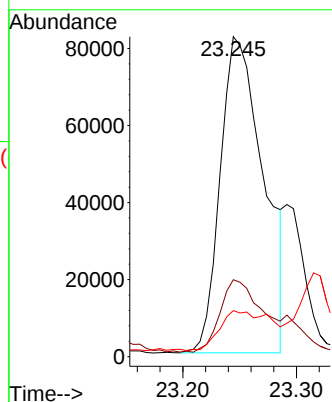
Tgt Ion:252 Resp: 217015

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

125 14.4 8.2 12.4#



#93

Benzo(a)pyrene

Concen: 1.054 ng/ul

RT: 23.886 min Scan# 3536

Delta R.T. -0.006 min

Lab File: BM036586.D

Acq: 19 Sep 2022 18:47

Tgt Ion:252 Resp: 103765

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

125 17.0 9.5 14.3#

