

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036585.D
 Acq On : 19 Sep 2022 18:10
 Operator : CG/JU
 Sample : N4604-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5770

Quant Time: Sep 19 22:33:41 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)

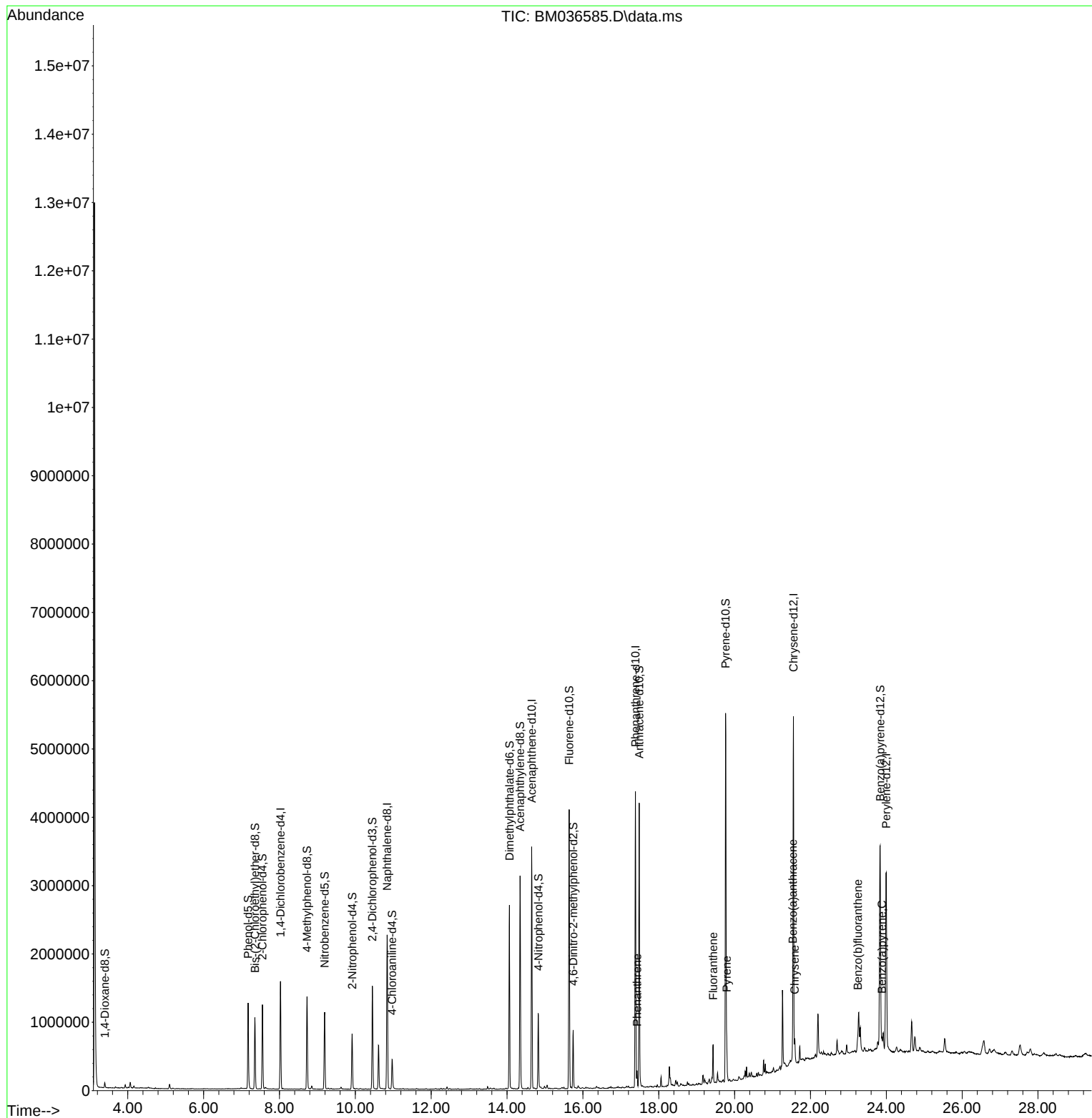
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	407406	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1817614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1153301	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2333109	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	2237434	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1937667	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	38201	3.515	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.175	99	688125	18.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	438413	19.829	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	544792	20.784	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	478928	17.803	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	255300	20.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	236646	21.475	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	510083	19.974	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	239568	5.642	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1653021	21.251	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1944756	21.078	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	233561	15.481	ng/u1	0.00
60) Fluorene-d10	15.639	176	1506322	21.610	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	145665	15.780	ng/u1	0.00
73) Anthracene-d10	17.486	188	2179806	20.434	ng/u1	0.00
81) Pyrene-d10	19.762	212	2742790	24.918	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.838	264	2218172	23.432	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.427	178	132257	1.029	ng/u1	98
80) Fluoranthene	19.433	202	296238	2.196	ng/u1	99
82) Pyrene	19.792	202	320877	2.247	ng/u1	97
85) Benzo(a)anthracene	21.533	228	151589	1.081	ng/u1	94
87) Chrysene	21.586	228	170121	1.278	ng/u1	96
90) Benzo(b)fluoranthene	23.250	252	202890	1.651	ng/u1#	95
93) Benzo(a)pyrene	23.885	252	124831	1.156	ng/u1	97

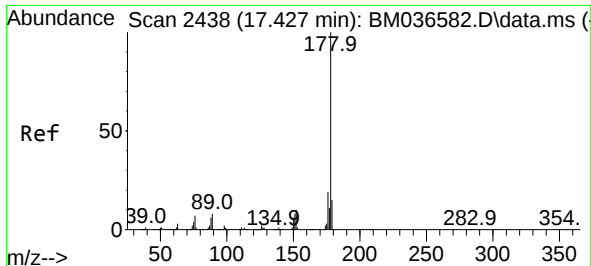
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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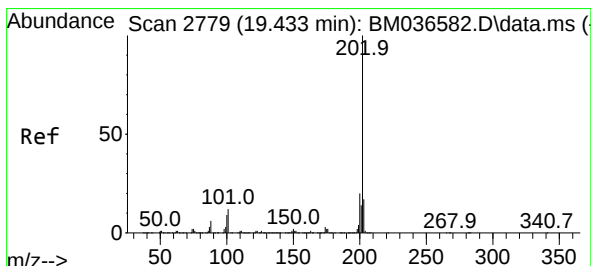
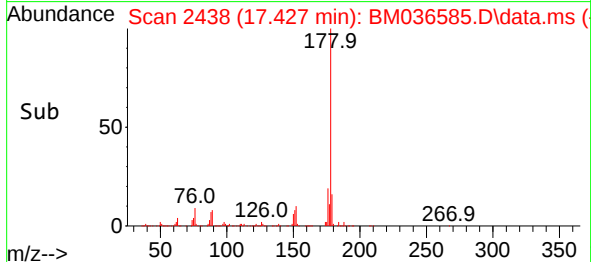
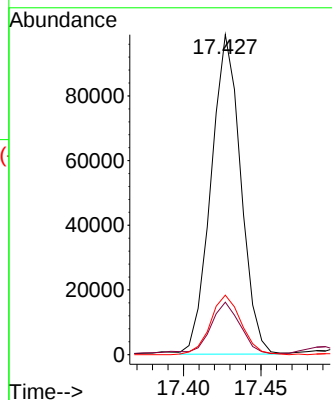
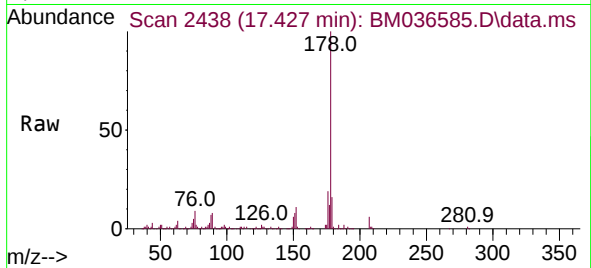




#72
 Phenanthrene
 Concen: 1.029 ng/ul
 RT: 17.427 min Scan# 2438
 Delta R.T. -0.006 min
 Lab File: BM036585.D
 Acq: 19 Sep 2022 18:10

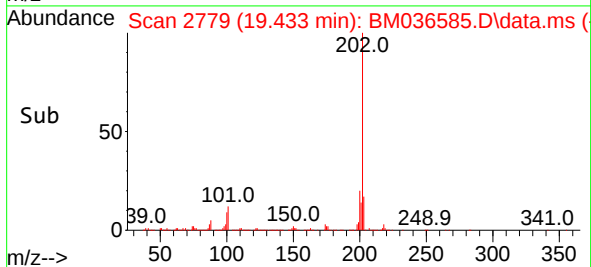
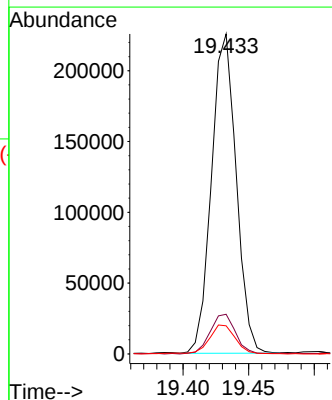
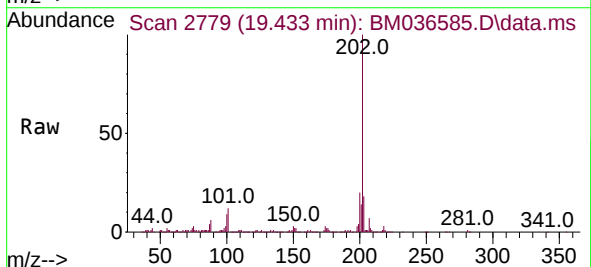
Instrument :
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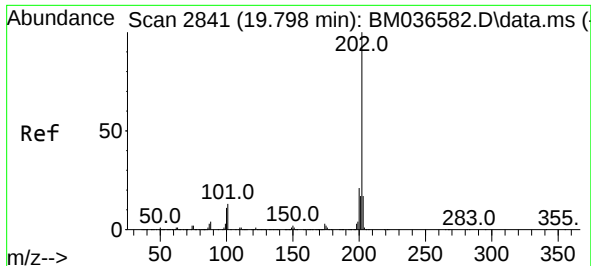
Tgt Ion:178 Resp: 132257
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.2 18.2
 176 18.6 15.7 23.5



#80
 Fluoranthene
 Concen: 2.196 ng/ul
 RT: 19.433 min Scan# 2779
 Delta R.T. -0.000 min
 Lab File: BM036585.D
 Acq: 19 Sep 2022 18:10

Tgt Ion:202 Resp: 296238
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.8 14.6
 100 8.8 7.4 11.2

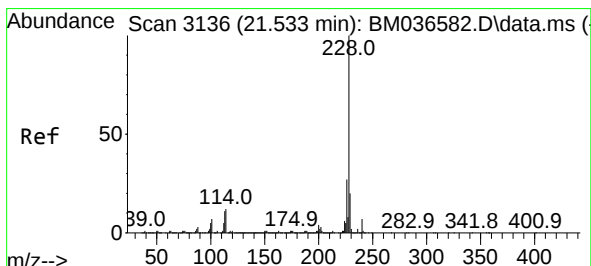
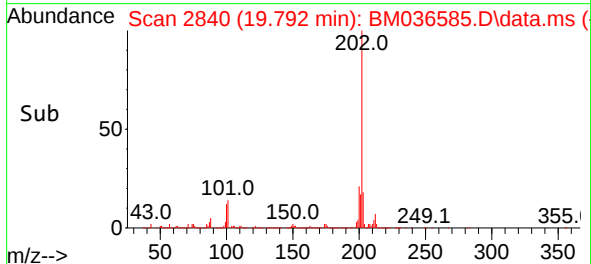
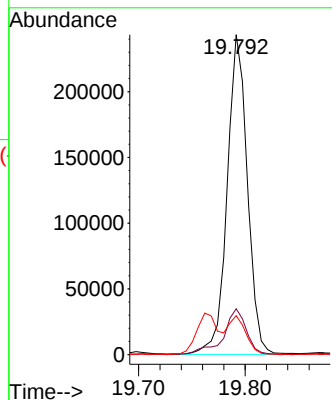
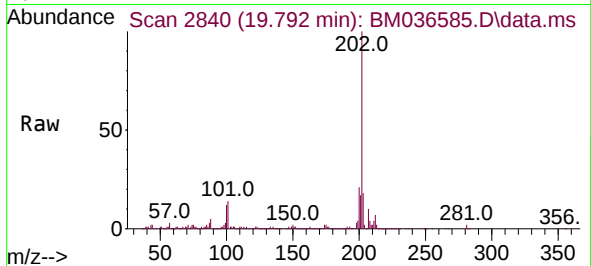




#82
 Pyrene
 Concen: 2.247 ng/ul
 RT: 19.792 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: BM036585.D
 Acq: 19 Sep 2022 18:10

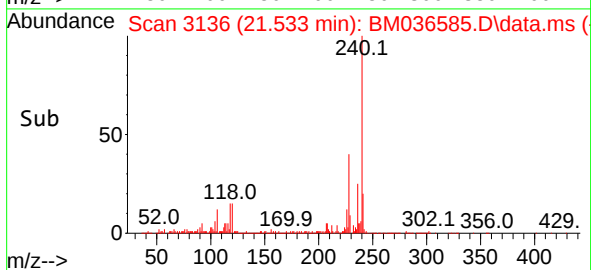
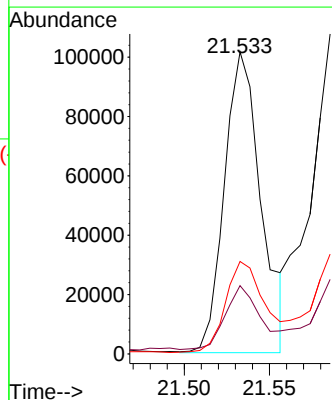
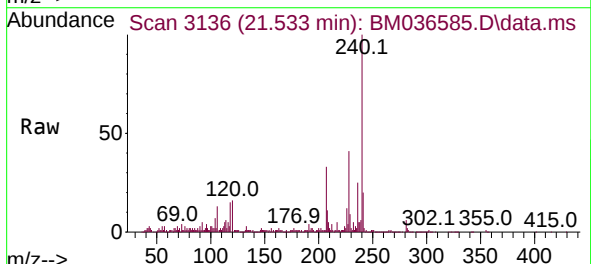
Instrument :
 BNA_M
 ClientSampleId :
 A5770

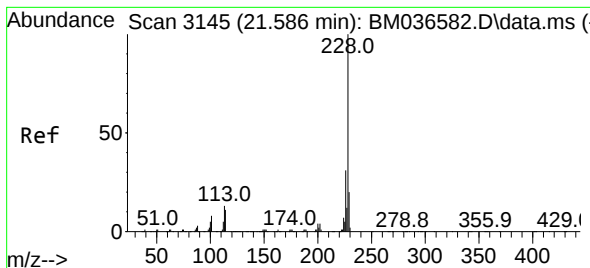
Tgt Ion:202 Resp: 320877
 Ion Ratio Lower Upper
 202 100
 101 14.4 10.9 16.3
 100 12.2 8.7 13.1



#85
 Benzo(a)anthracene
 Concen: 1.081 ng/ul
 RT: 21.533 min Scan# 3136
 Delta R.T. -0.006 min
 Lab File: BM036585.D
 Acq: 19 Sep 2022 18:10

Tgt Ion:228 Resp: 151589
 Ion Ratio Lower Upper
 228 100
 229 22.6 15.8 23.8
 226 30.6 21.9 32.9





#87

Chrysene

Concen: 1.278 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BM036585.D

Acq: 19 Sep 2022 18:10

Instrument :

BNA_M

ClientSampleId :

A5770

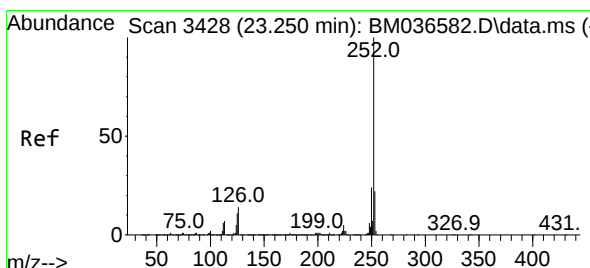
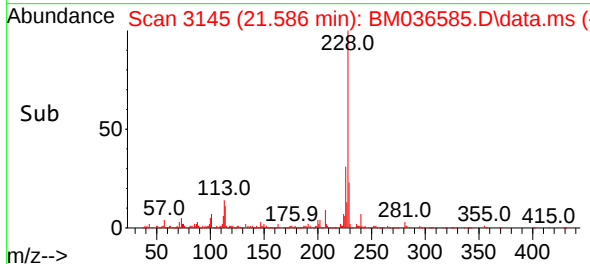
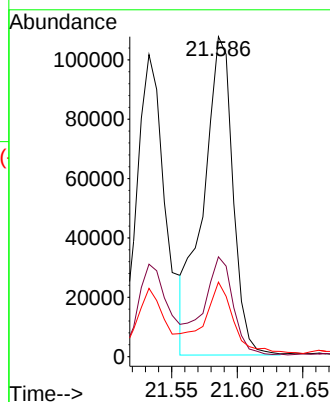
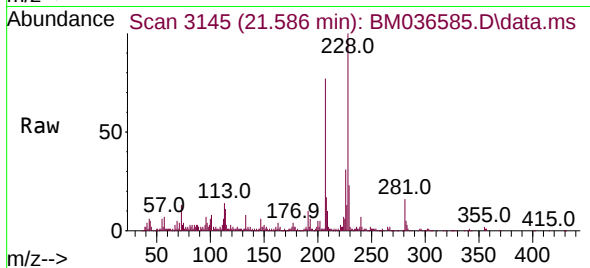
Tgt Ion:228 Resp: 170121

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 23.3 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 1.651 ng/ul

RT: 23.250 min Scan# 3428

Delta R.T. -0.000 min

Lab File: BM036585.D

Acq: 19 Sep 2022 18:10

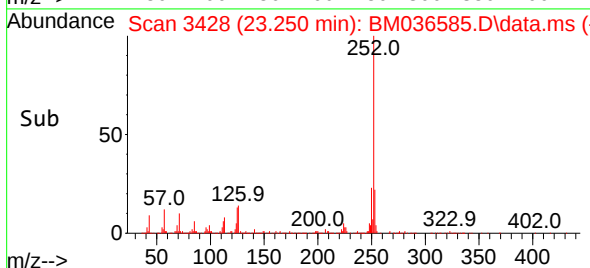
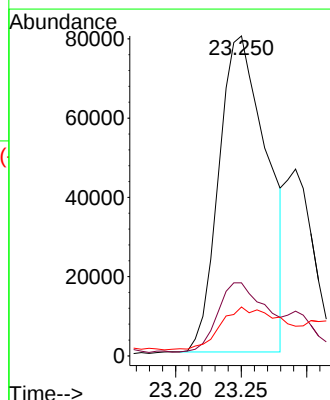
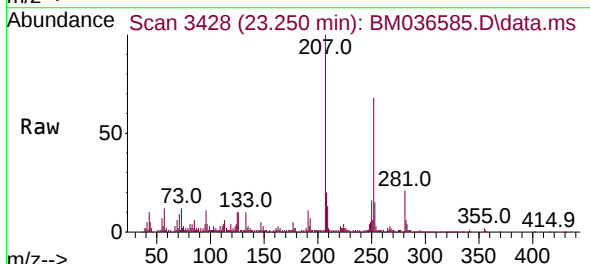
Tgt Ion:252 Resp: 202890

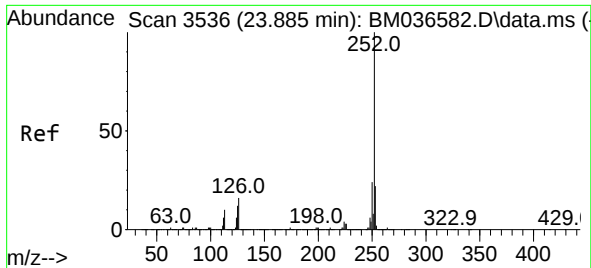
Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

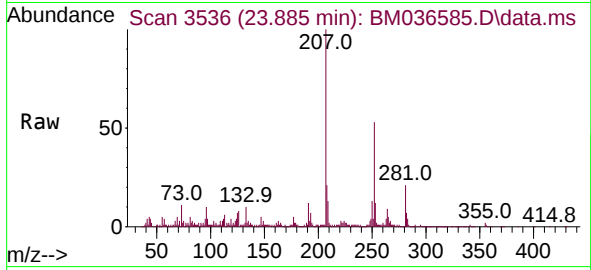
125 15.3 9.1 13.7#





#93
 Benzo(a)pyrene
 Concen: 1.156 ng/ul
 RT: 23.885 min Scan# 3536
 Delta R.T. -0.006 min
 Lab File: BM036585.D
 Acq: 19 Sep 2022 18:10

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:252 Resp: 124831

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.7	9.5	14.3

