

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
 Data File : BM036563.D
 Acq On : 16 Sep 2022 15:22
 Operator : CG/JU
 Sample : N4601-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5743

Quant Time: Sep 16 22:59:59 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)

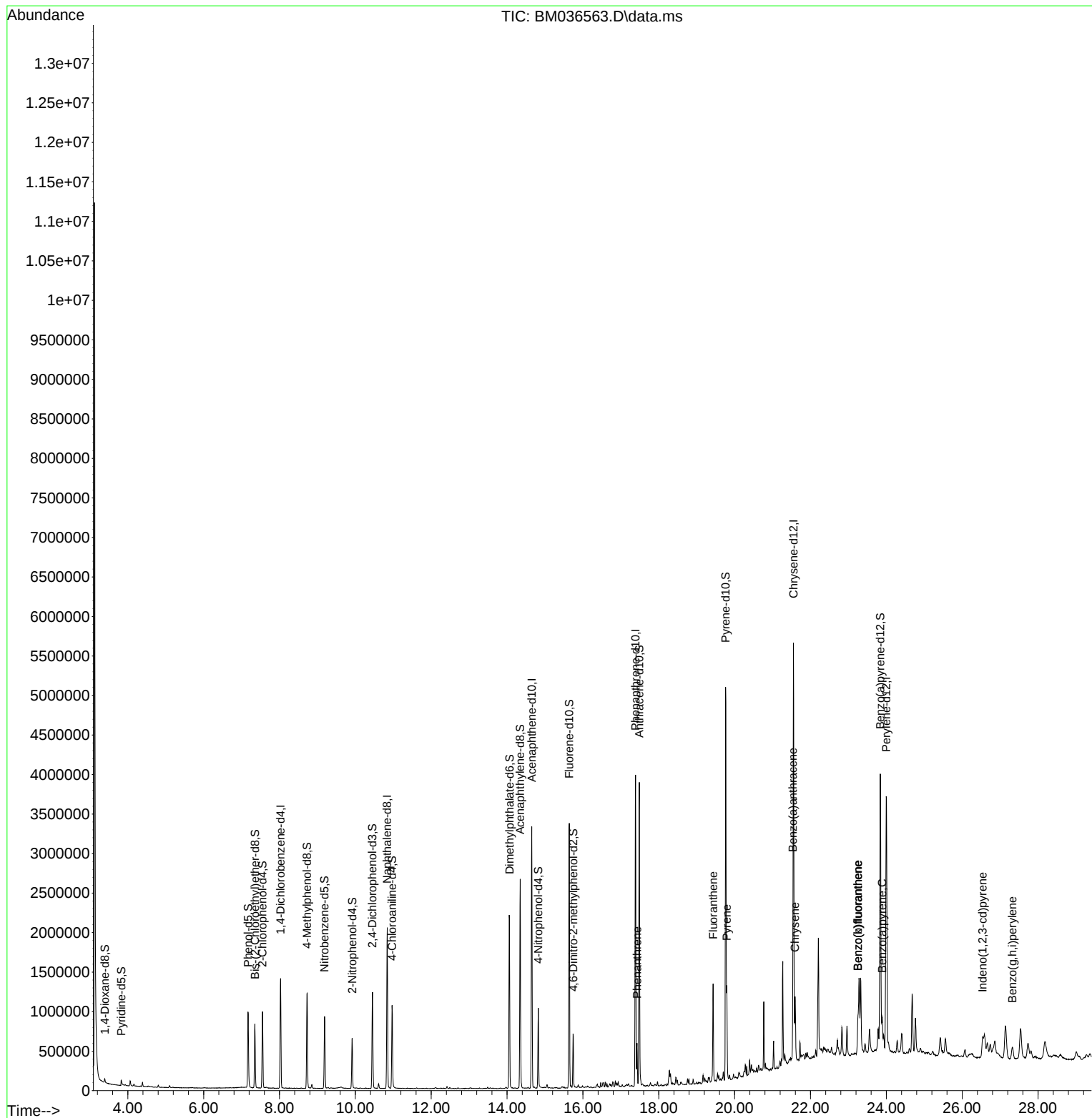
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	372162	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1659501	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1081205	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2253549	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	2335378	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	2446412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	29075	2.929	ng/uL	0.00
4) Pyridine-d5	3.828	84	44150	1.525	ng/u1	0.01
7) Phenol-d5	7.169	99	556029	16.719	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	343745	17.019	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	440375	18.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	460120	18.723	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	209252	18.629	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	196898	19.570	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	426112	18.275	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	574518	14.820	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1431257	19.627	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1660269	19.195	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	210949	14.915	ng/u1	0.00
60) Fluorene-d10	15.639	176	1281481	19.610	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	120405	13.504	ng/u1	0.00
73) Anthracene-d10	17.486	188	1996591	19.377	ng/u1	0.00
81) Pyrene-d10	19.762	212	2460969	21.420	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2533018	21.193	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.427	178	309299	2.492	ng/u1	100
80) Fluoranthene	19.433	202	667585	4.742	ng/u1	99
82) Pyrene	19.792	202	630157	4.228	ng/u1	100
85) Benzo(a)anthracene	21.539	228	311313	2.128	ng/u1	96
87) Chrysene	21.592	228	340644	2.453	ng/u1	98
90) Benzo(b)fluoranthene	23.250	252	478360	3.083	ng/u1	98
91) Benzo(k)fluoranthene	23.250	252	478360	3.086	ng/u1	97
93) Benzo(a)pyrene	23.892	252	311168	2.282	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.538	276	211950	1.331	ng/u1	97
96) Benzo(g,h,i)perylene	27.321	276	186645	1.352	ng/u1	100

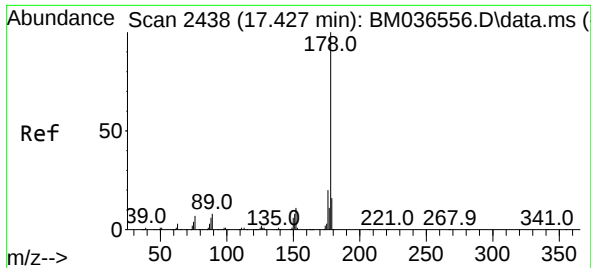
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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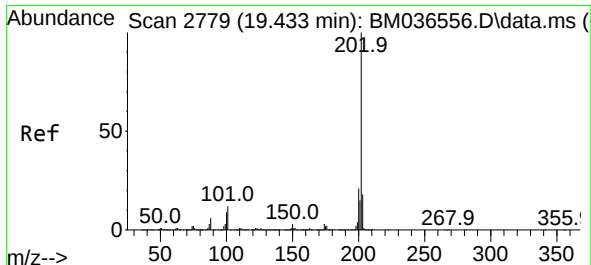
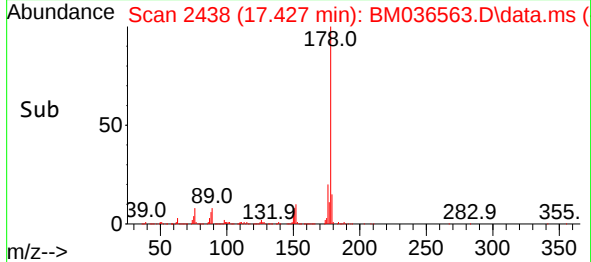
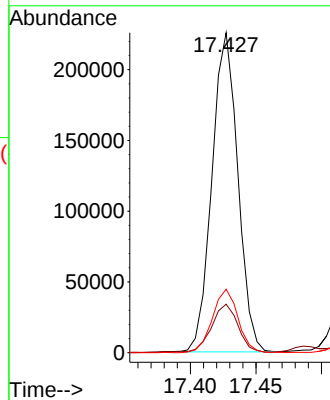
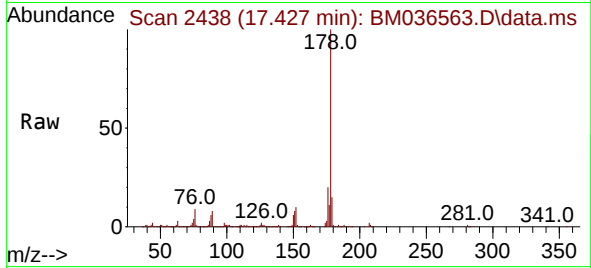




#72
Phenanthrene
Concen: 2.492 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036563.D
Acq: 16 Sep 2022 15:22

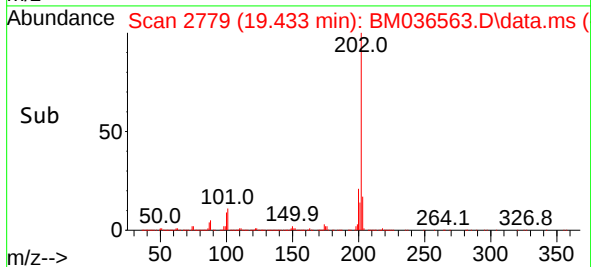
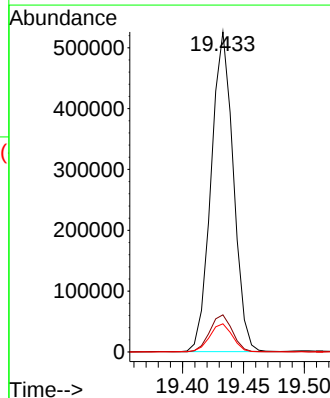
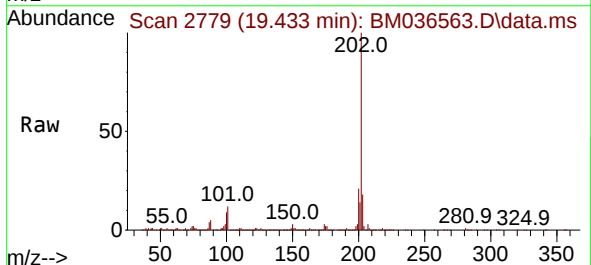
Instrument :
BNA_M
ClientSampleId :
A5743

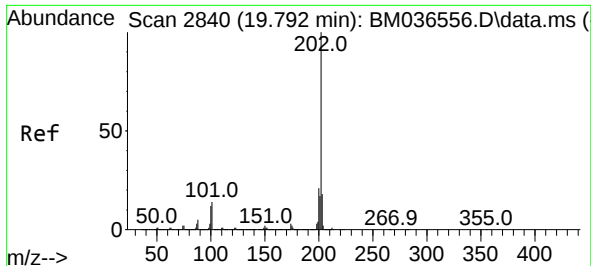
Tgt Ion:178 Resp: 309299
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.9 15.7 23.5



#80
Fluoranthene
Concen: 4.742 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036563.D
Acq: 16 Sep 2022 15:22

Tgt Ion:202 Resp: 667585
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.6
100 8.8 7.4 11.2

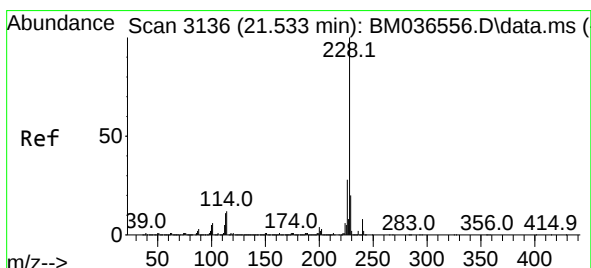
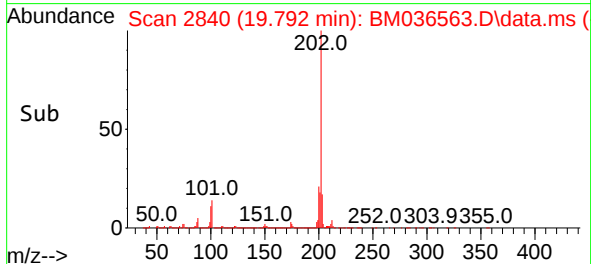
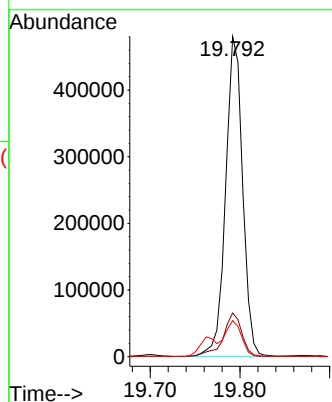
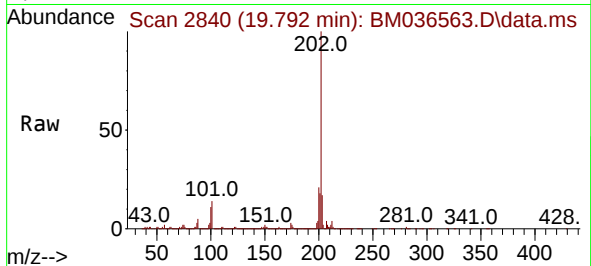




#82
 Pyrene
 Concen: 4.228 ng/ul
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036563.D
 Acq: 16 Sep 2022 15:22

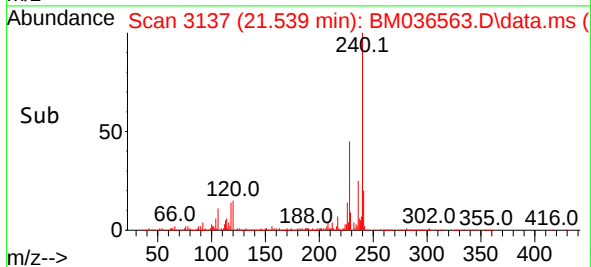
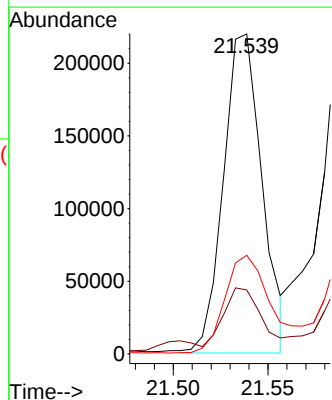
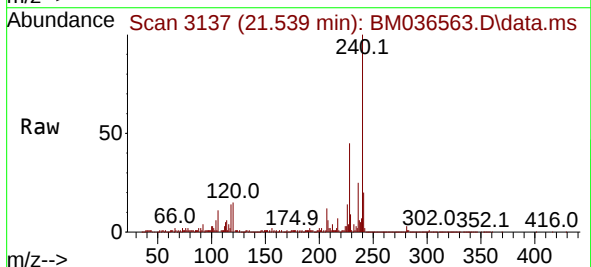
Instrument :
 BNA_M
 ClientSampleId :
 A5743

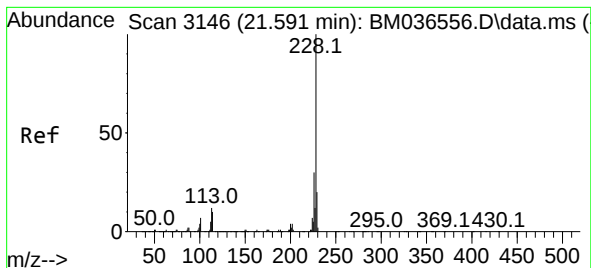
Tgt Ion:202 Resp: 630157
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.9 16.3
 100 11.2 8.7 13.1



#85
 Benzo(a)anthracene
 Concen: 2.128 ng/ul
 RT: 21.539 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: BM036563.D
 Acq: 16 Sep 2022 15:22

Tgt Ion:228 Resp: 311313
 Ion Ratio Lower Upper
 228 100
 229 20.0 15.8 23.8
 226 30.8 21.9 32.9





#87

Chrysene

Concen: 2.453 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM036563.D

Acq: 16 Sep 2022 15:22

Instrument :

BNA_M

ClientSampleId :

A5743

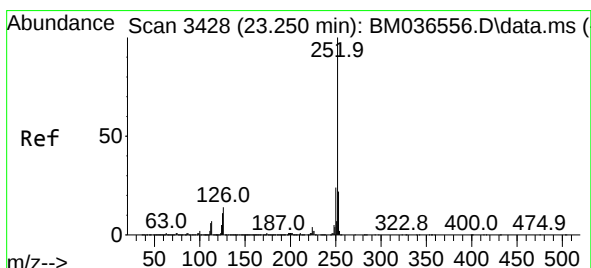
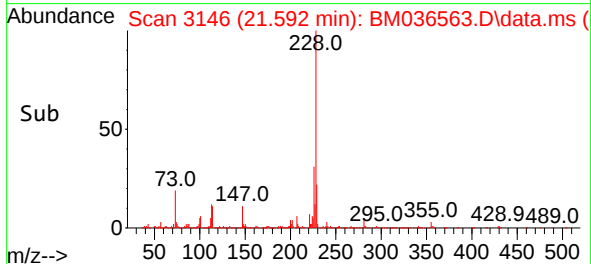
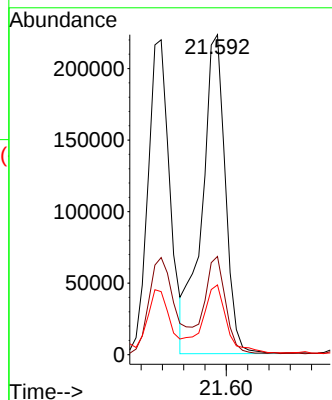
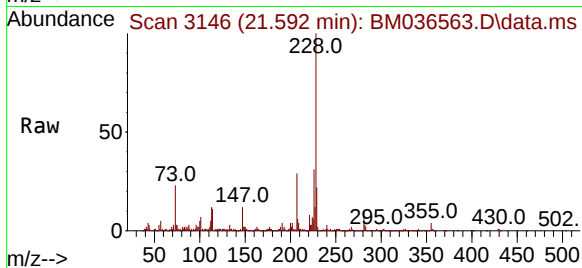
Tgt Ion:228 Resp: 340644

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 21.8 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 3.083 ng/ul

RT: 23.250 min Scan# 3428

Delta R.T. 0.000 min

Lab File: BM036563.D

Acq: 16 Sep 2022 15:22

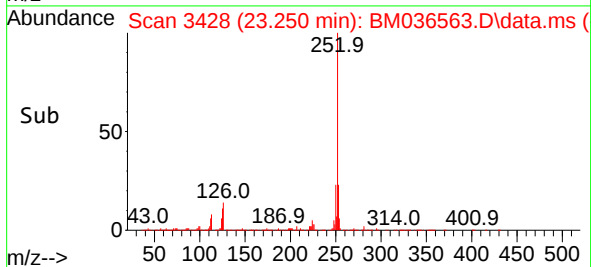
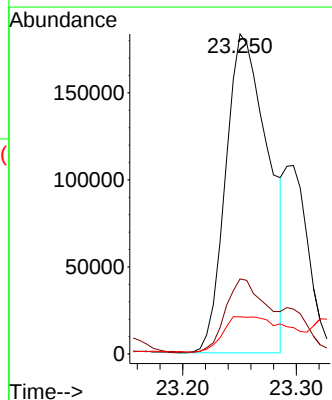
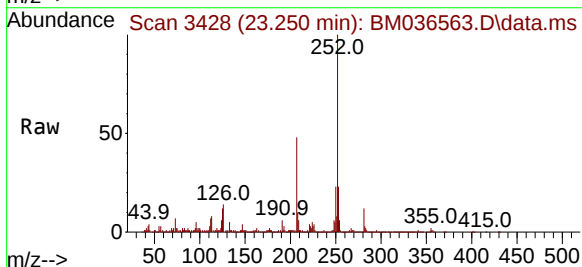
Tgt Ion:252 Resp: 478360

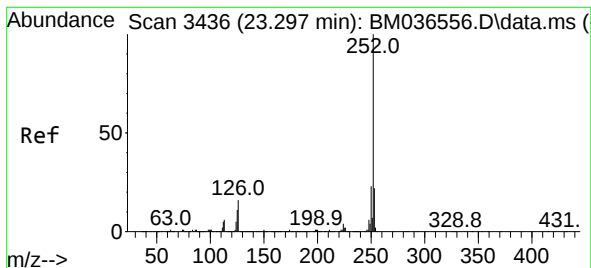
Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

125 11.6 9.1 13.7





#91

Benzo(k)fluoranthene

Concen: 3.086 ng/u1

RT: 23.250 min Scan# 34

Delta R.T. -0.053 min

Lab File: BM036563.D

Acq: 16 Sep 2022 15:22

Instrument :

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ClientSampleId :

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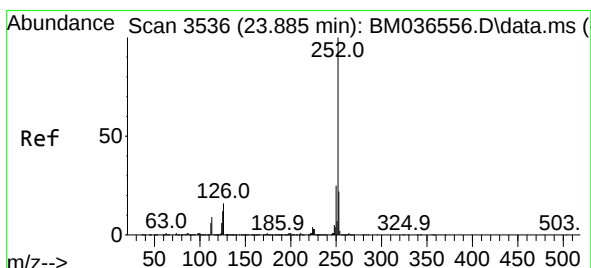
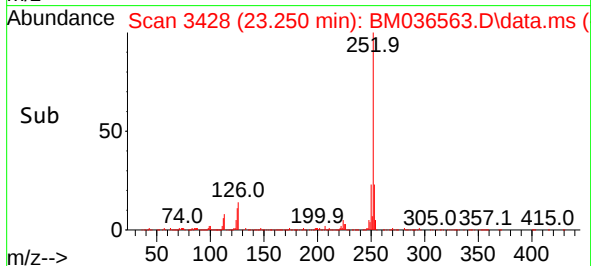
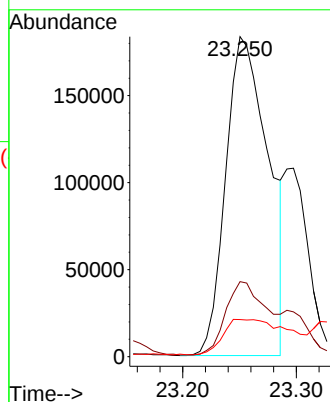
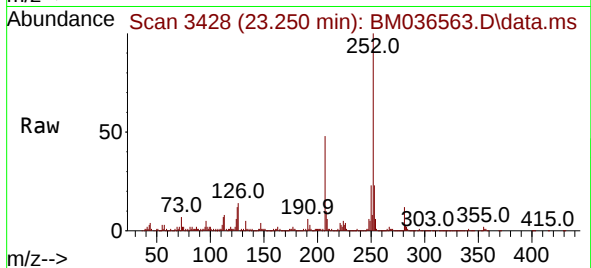
Tgt Ion:252 Resp: 478360

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

125 11.6 8.2 12.4



#93

Benzo(a)pyrene

Concen: 2.282 ng/u1

RT: 23.892 min Scan# 3537

Delta R.T. 0.000 min

Lab File: BM036563.D

Acq: 16 Sep 2022 15:22

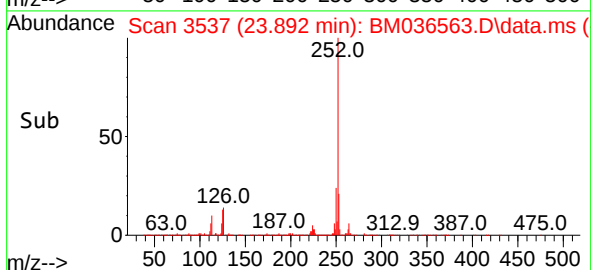
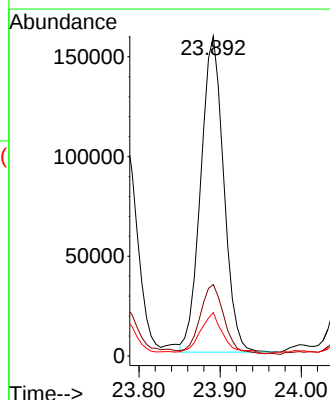
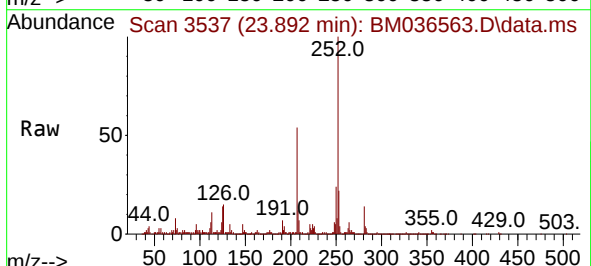
Tgt Ion:252 Resp: 311168

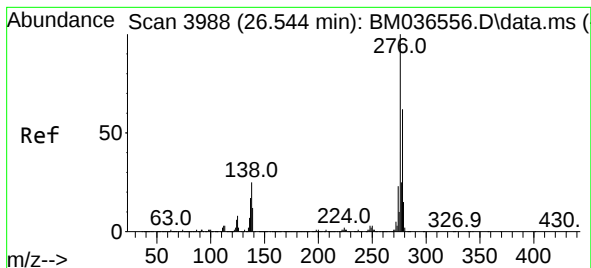
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 13.6 9.5 14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.331 ng/ul

RT: 26.538 min Scan# 3988

Delta R.T. -0.012 min

Lab File: BM036563.D

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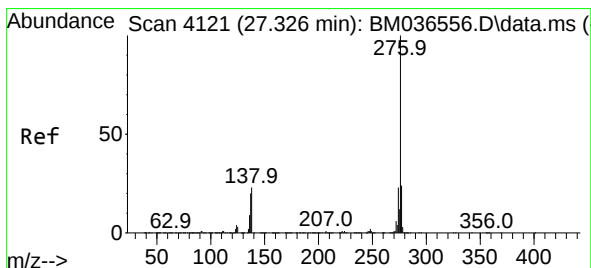
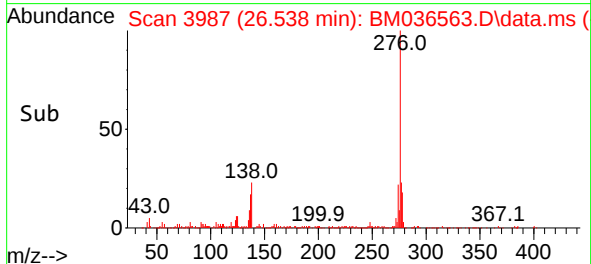
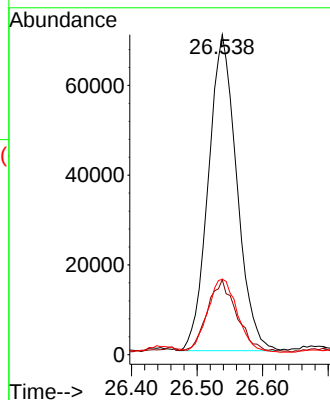
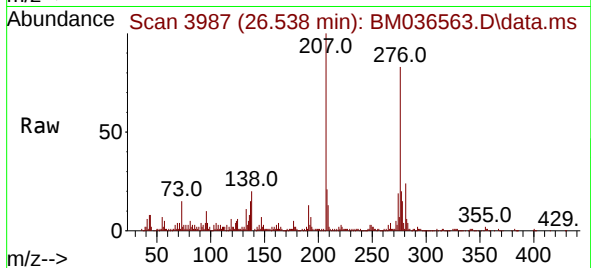
Tgt Ion:276 Resp: 211950

Ion Ratio Lower Upper

276 100

138 23.5 20.2 30.4

277 23.6 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 1.352 ng/ul

RT: 27.321 min Scan# 4120

Delta R.T. -0.012 min

Lab File: BM036563.D

Acq: 16 Sep 2022 15:22

Tgt Ion:276 Resp: 186645

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 23.8 19.2 28.8

