

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
 Data File : BM036559.D
 Acq On : 16 Sep 2022 11:58
 Operator : CG/JU
 Sample : N4601-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5788

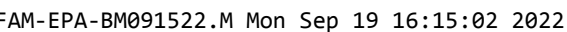
Quant Time: Sep 16 12:35:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

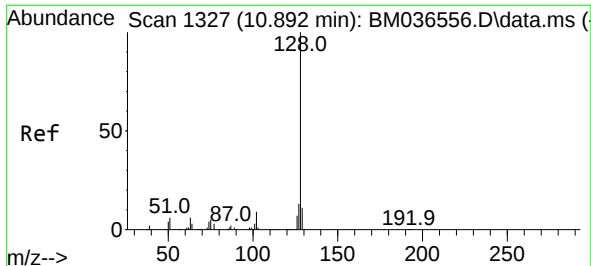
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	278389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1254556	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	834658	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1741648	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1772191	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1753143	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	26014	3.503	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.169	99	495699	19.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	320316	21.201	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	383238	21.397	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	377116	20.515	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	183516	21.612	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	163197	21.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	373098	21.166	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	528273	18.026	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1599108	28.407	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1616049	24.202	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	261207	23.923	ng/u1	0.00
60) Fluorene-d10	15.639	176	1393289	27.619	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	195721	28.404	ng/u1	0.00
73) Anthracene-d10	17.486	188	2503995	31.444	ng/u1	0.00
81) Pyrene-d10	19.768	212	2986096	34.250	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	2878364	33.606	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.886	128	604443	8.844	ng/u1	100
36) 2-Methylnaphthalene	12.492	142	1061935	23.321	ng/u1	99
37) 1-Methylnaphthalene	12.710	142	878310	19.187	ng/u1	100
50) Acenaphthylene	14.374	152	1079291	14.138	ng/u1	100
52) Acenaphthene	14.710	153	592527	11.093	ng/u1	100
61) Fluorene	15.692	166	721465	11.809	ng/u1	98
72) Phenanthrene	17.427	178	1389035	14.479	ng/u1	100
74) Anthracene	17.521	178	1715013	17.588	ng/u1	99
80) Fluoranthene	19.433	202	4228048	39.575	ng/u1	100
82) Pyrene	19.792	202	1712395	15.142	ng/u1	98
85) Benzo(a)anthracene	21.533	228	1654630	14.902	ng/u1	99
87) Chrysene	21.591	228	1539606	14.608	ng/u1	99
90) Benzo(b)fluoranthene	23.256	252	5298379	47.659	ng/u1	99
91) Benzo(k)fluoranthene	23.303	252	1644422	14.803	ng/u1	99
93) Benzo(a)pyrene	23.891	252	1269642	12.991	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.550	276	1893147	16.588	ng/u1	98
95) Dibenzo(a,h)anthracene	26.568	278	1890545	18.265	ng/u1	98
96) Benzo(g,h,i)perylene	27.326	276	1648808	16.664	ng/u1	100

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

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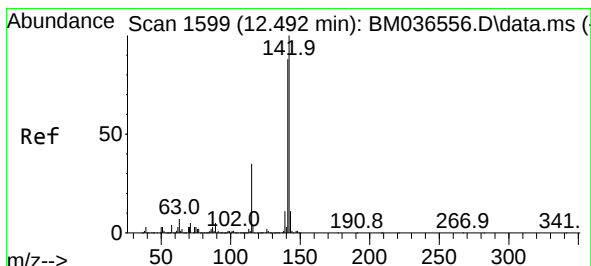
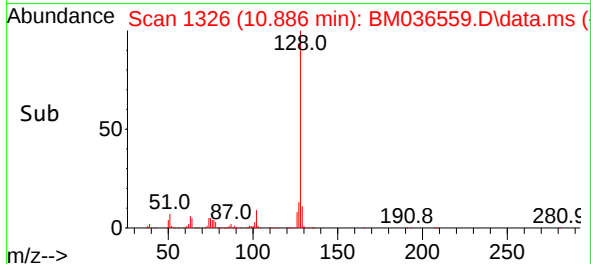
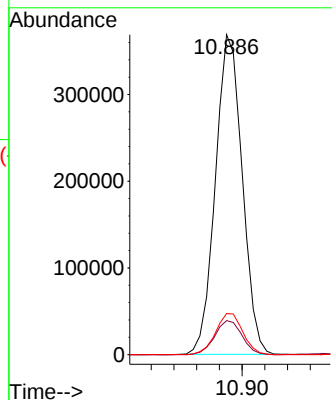
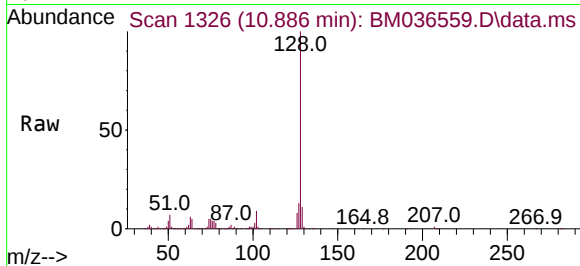




#30
Naphthalene
Concen: 8.844 ng/ul
RT: 10.886 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

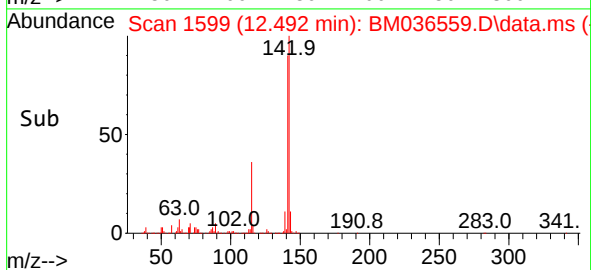
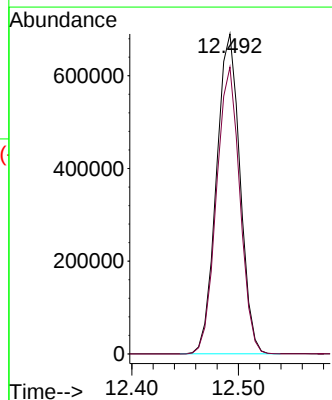
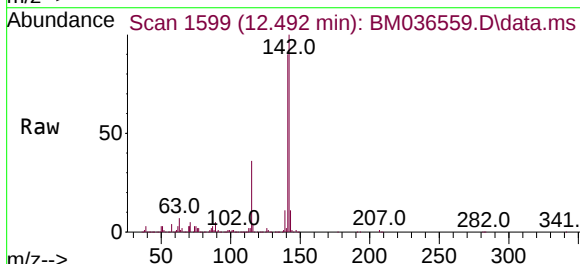
Instrument :
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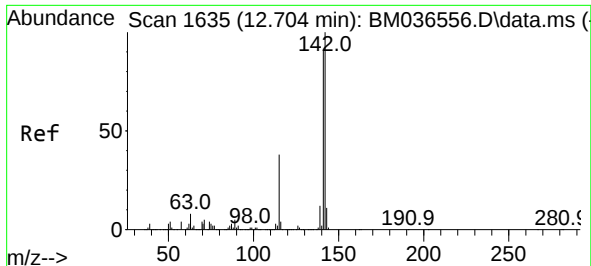
Tgt Ion:128 Resp: 604443
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.3 15.5



#36
2-Methylnaphthalene
Concen: 23.321 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

Tgt Ion:142 Resp: 1061935
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1





#37

1-Methylnaphthalene

Concen: 19.187 ng/ul

RT: 12.710 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

Instrument :

BNA_M

ClientSampleId :

A5788

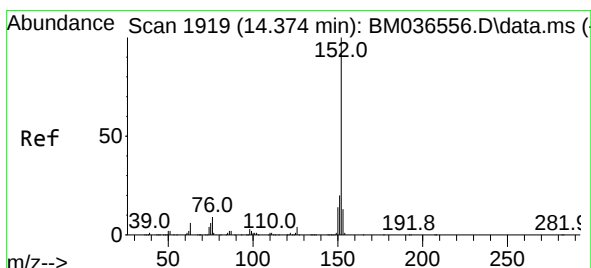
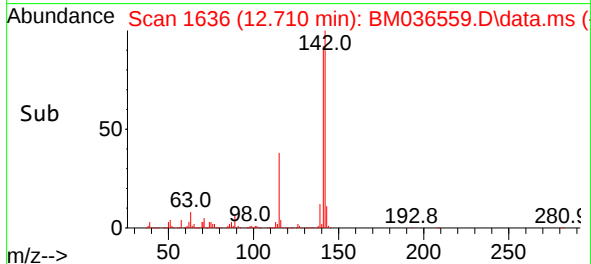
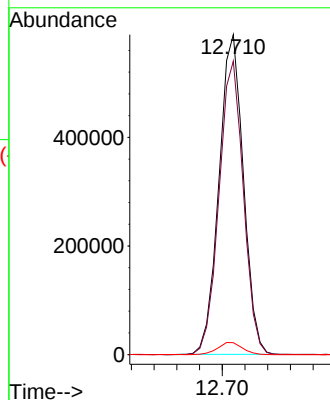
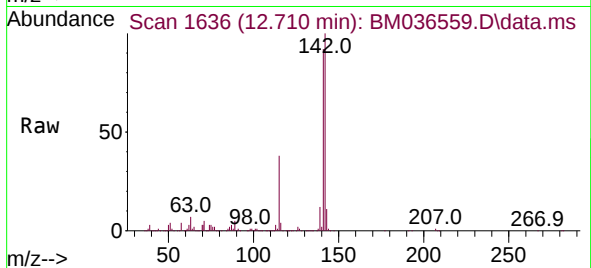
Tgt Ion:142 Resp: 878310

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2

116 3.8 3.1 4.7



#50

Acenaphthylene

Concen: 14.138 ng/ul

RT: 14.374 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

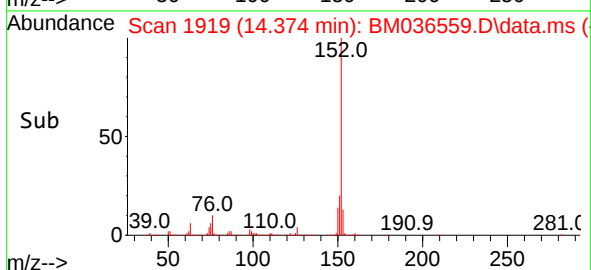
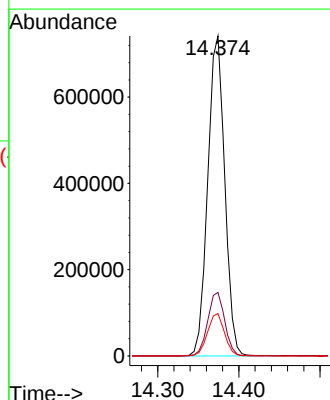
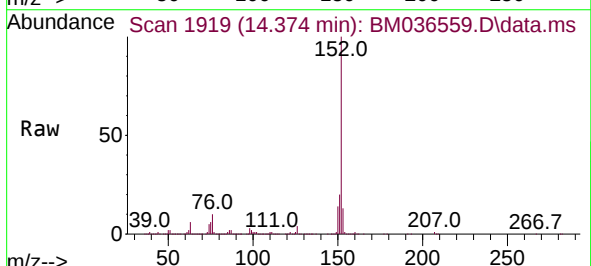
Tgt Ion:152 Resp: 1079291

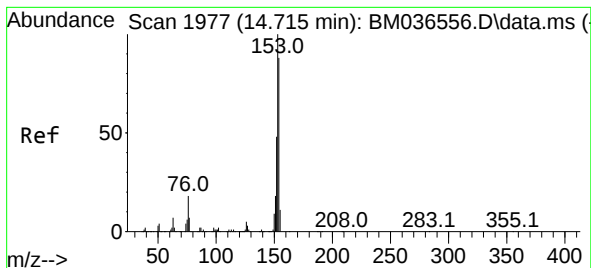
Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.2 10.5 15.7





#52

Acenaphthene

Concen: 11.093 ng/ul

RT: 14.710 min Scan# 1976

Delta R.T. -0.006 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

Instrument :

BNA_M

ClientSampleId :

A5788

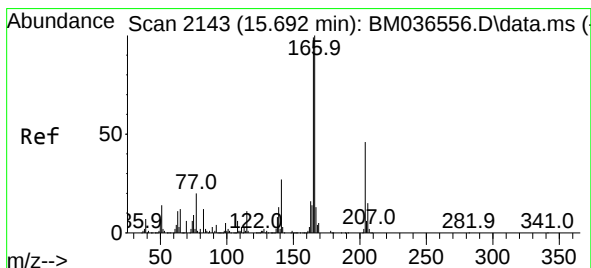
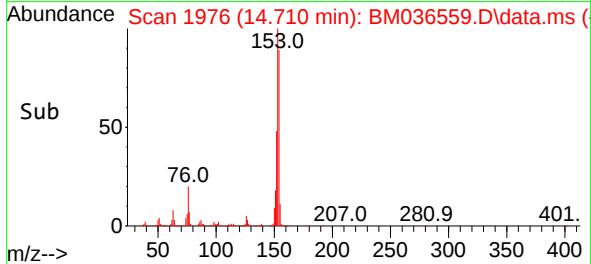
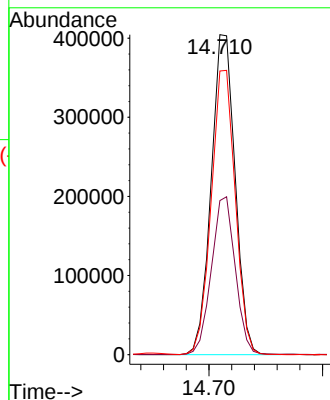
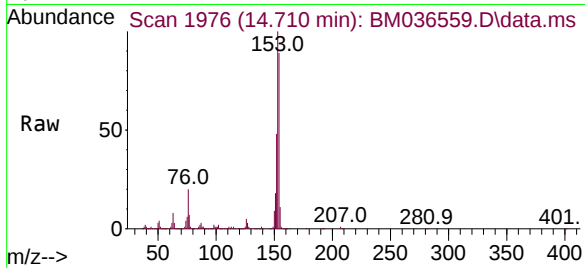
Tgt Ion:153 Resp: 592527

Ion Ratio Lower Upper

153 100

152 48.1 38.2 57.2

154 88.6 71.0 106.6



#61

Fluorene

Concen: 11.809 ng/ul

RT: 15.692 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

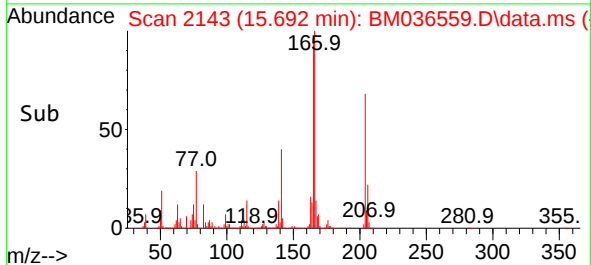
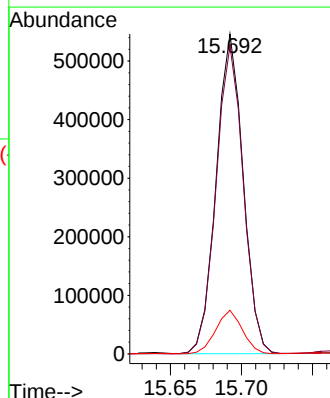
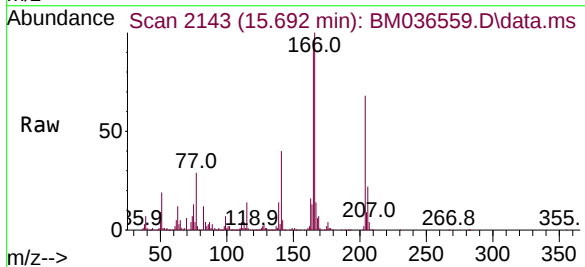
Tgt Ion:166 Resp: 721465

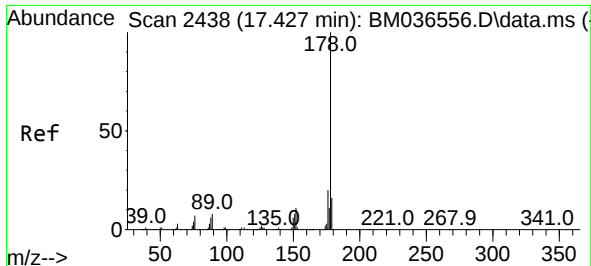
Ion Ratio Lower Upper

166 100

165 96.3 78.5 117.7

167 13.6 10.4 15.6

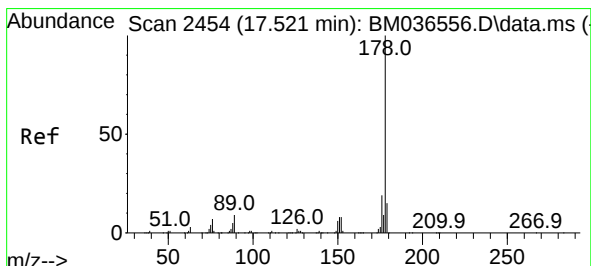
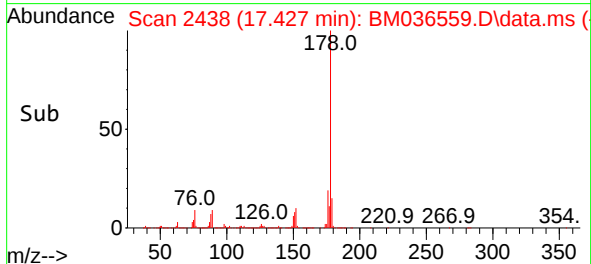
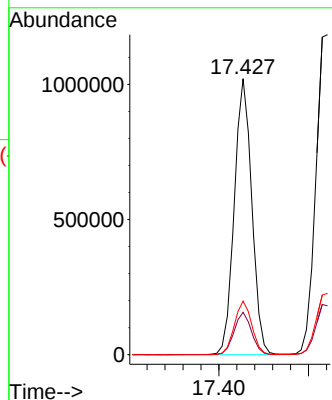
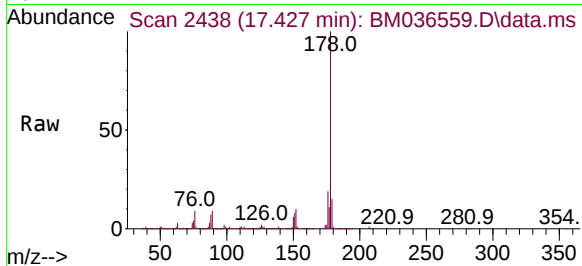




#72
 Phenanthrene
 Concen: 14.479 ng/ul
 RT: 17.427 min Scan# 2438
 Delta R.T. -0.006 min
 Lab File: BM036559.D
 Acq: 16 Sep 2022 11:58

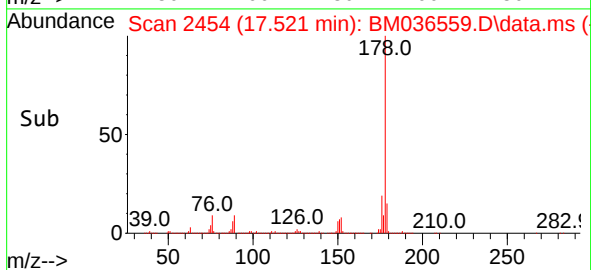
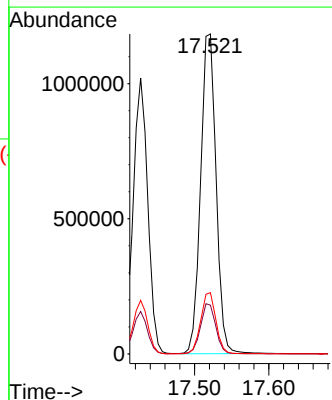
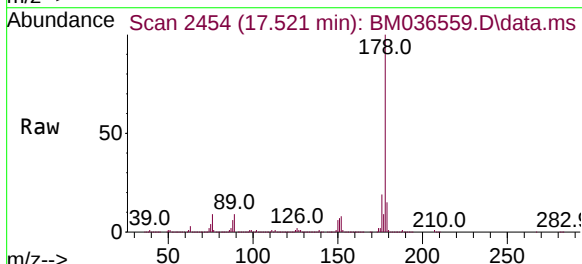
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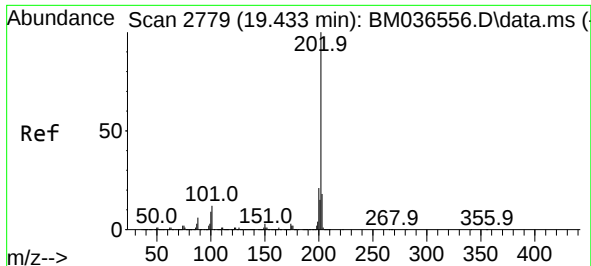
Tgt Ion:178 Resp: 1389035
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.2
 176 19.4 15.7 23.5



#74
 Anthracene
 Concen: 17.588 ng/ul
 RT: 17.521 min Scan# 2454
 Delta R.T. -0.000 min
 Lab File: BM036559.D
 Acq: 16 Sep 2022 11:58

Tgt Ion:178 Resp: 1715013
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.3 18.5
 176 19.1 15.0 22.6

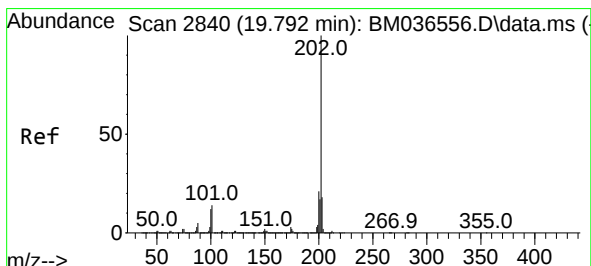
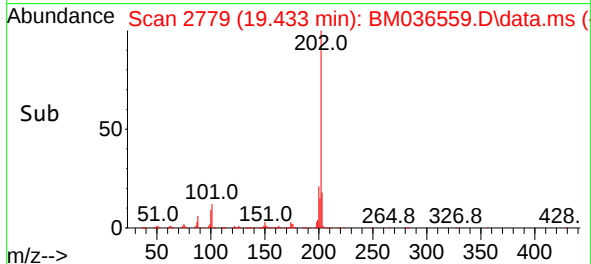
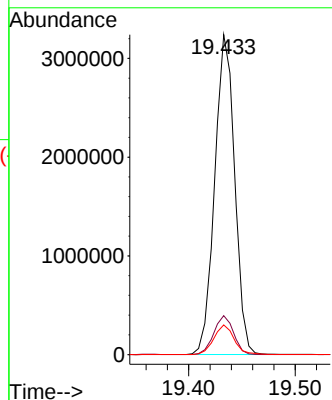
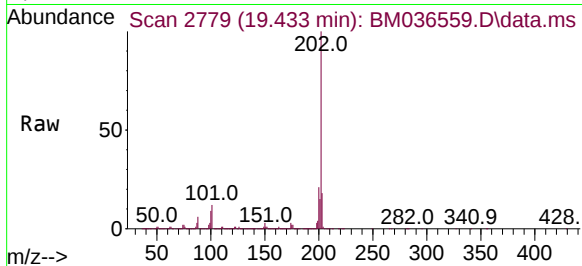




#80
Fluoranthene
Concen: 39.575 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

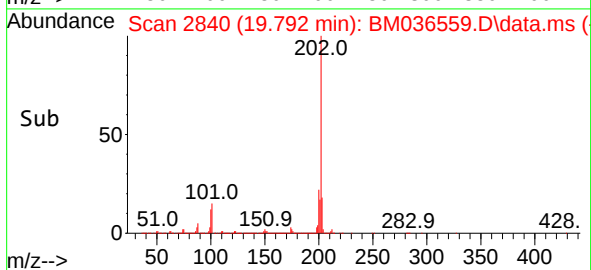
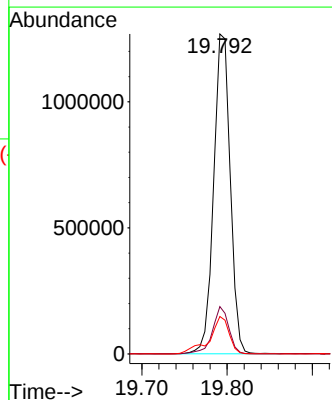
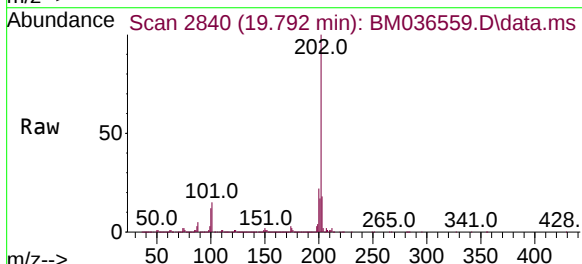
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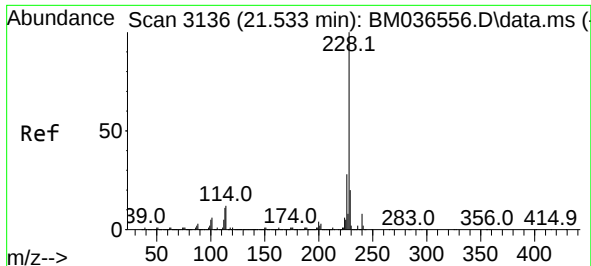
Tgt Ion:202 Resp: 4228048
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.6
100 9.3 7.4 11.2



#82
Pyrene
Concen: 15.142 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

Tgt Ion:202 Resp: 1712395
Ion Ratio Lower Upper
202 100
101 14.8 10.9 16.3
100 11.7 8.7 13.1

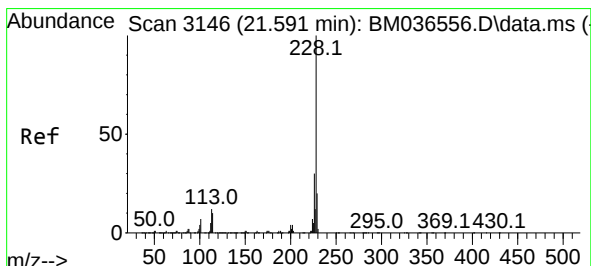
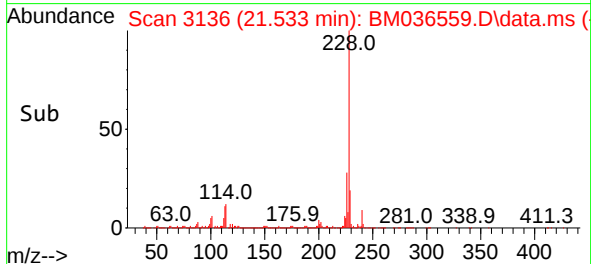
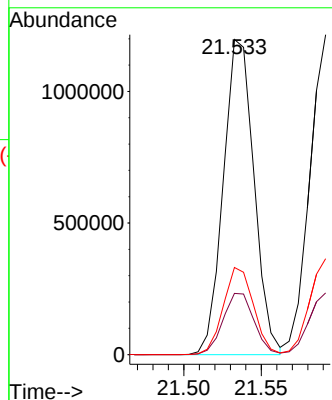
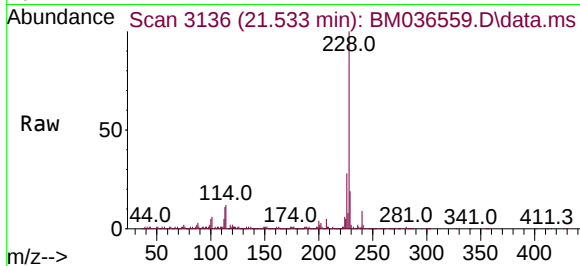




#85
Benzo(a)anthracene
Concen: 14.902 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

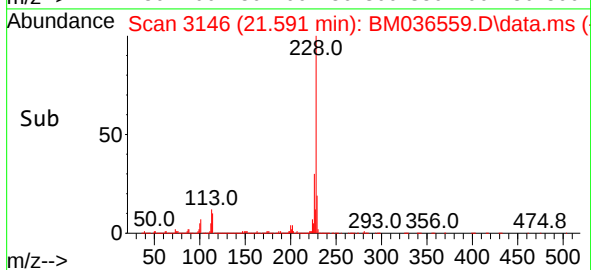
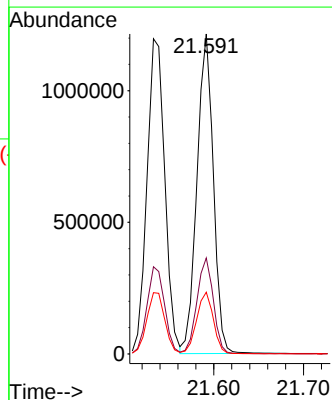
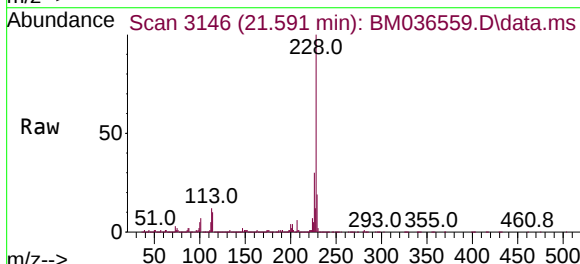
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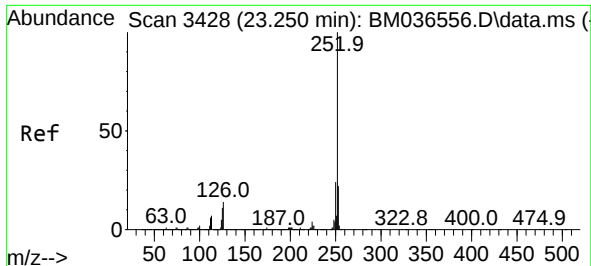
Tgt Ion:228 Resp: 1654630
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.8
226 27.7 21.9 32.9



#87
Chrysene
Concen: 14.608 ng/ul
RT: 21.591 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

Tgt Ion:228 Resp: 1539606
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.3 15.6 23.4

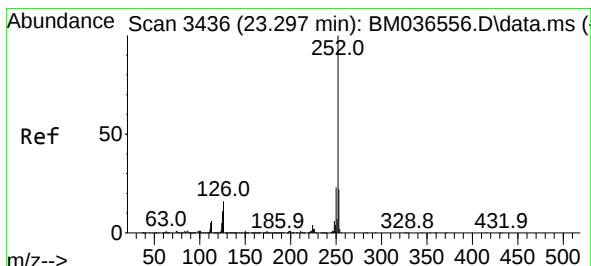
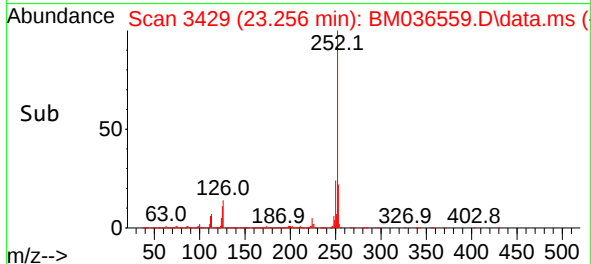
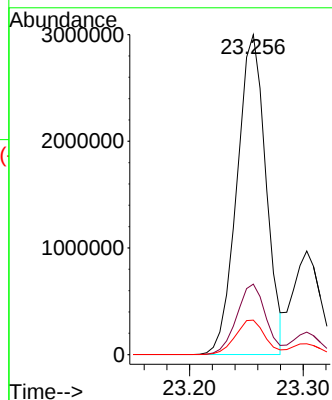
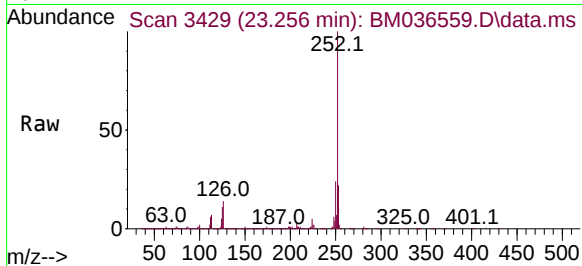




#90
Benzo(b)fluoranthene
Concen: 47.659 ng/ul
RT: 23.256 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

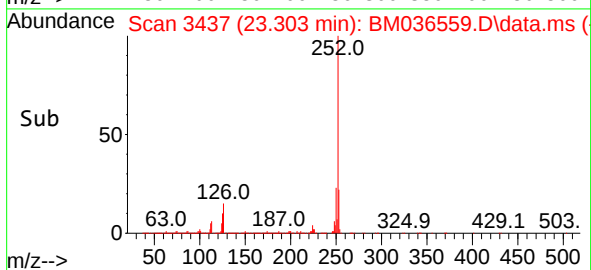
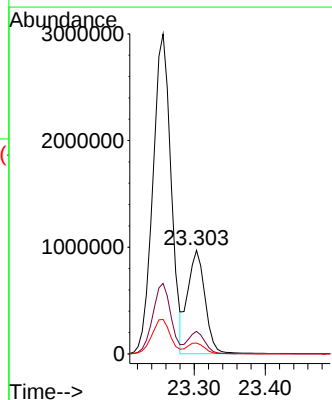
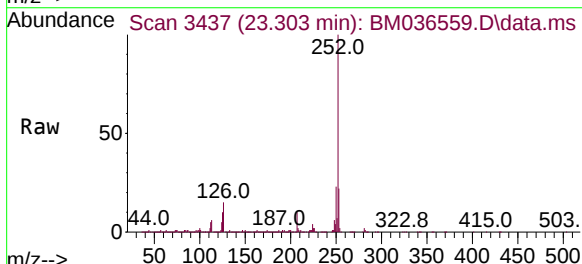
Instrument :
BNA_M
ClientSampleId :
A5788

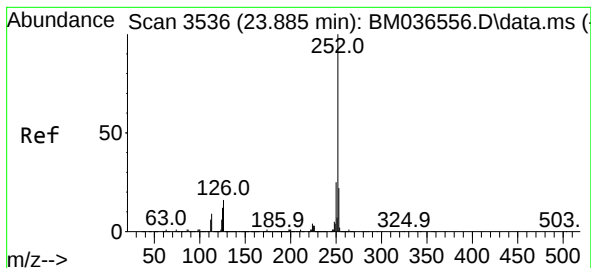
Tgt Ion:252 Resp: 5298379
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.8 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 14.803 ng/ul
RT: 23.303 min Scan# 3437
Delta R.T. -0.000 min
Lab File: BM036559.D
Acq: 16 Sep 2022 11:58

Tgt Ion:252 Resp: 1644422
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.4 8.2 12.4





#93

Benzo(a)pyrene

Concen: 12.991 ng/ul

RT: 23.891 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

Instrument :

BNA_M

ClientSampleId :

A5788

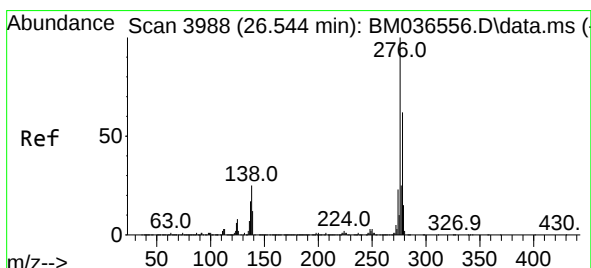
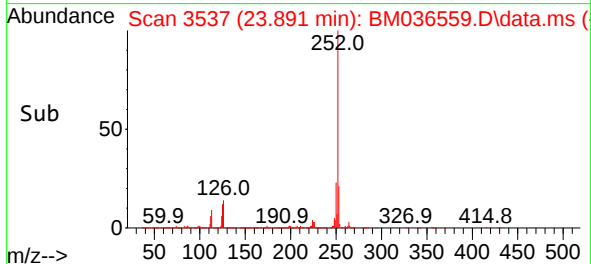
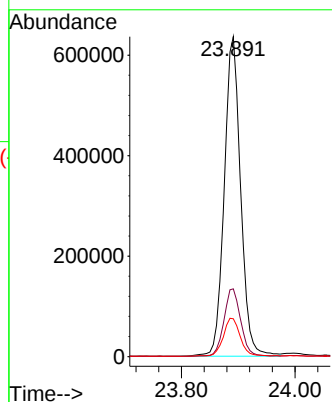
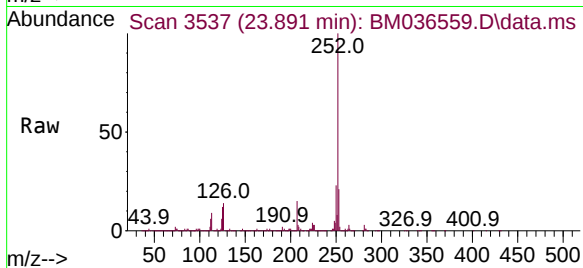
Tgt Ion:252 Resp: 1269642

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 11.8 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.588 ng/ul

RT: 26.550 min Scan# 3989

Delta R.T. -0.000 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

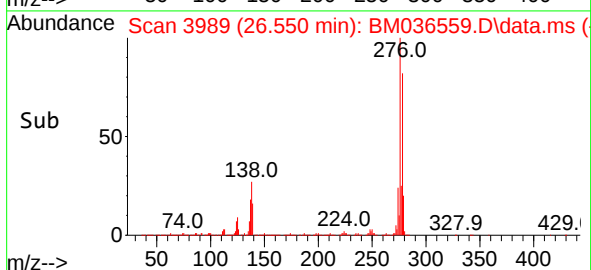
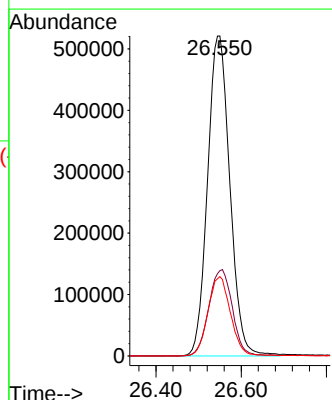
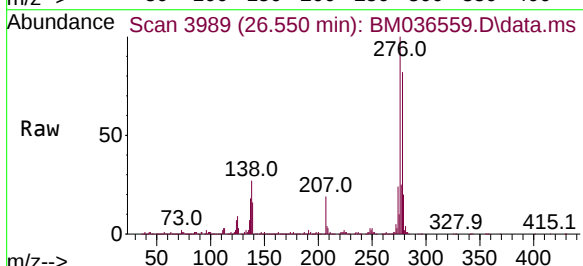
Tgt Ion:276 Resp: 1893147

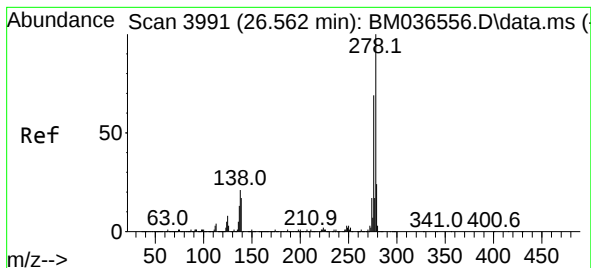
Ion Ratio Lower Upper

276 100

138 26.7 20.2 30.4

277 24.8 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 18.265 ng/ul

RT: 26.568 min Scan# 3991

Delta R.T. -0.006 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

Instrument :

BNA_M

ClientSampleId :

A5788

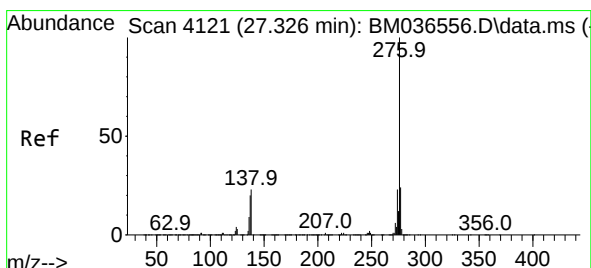
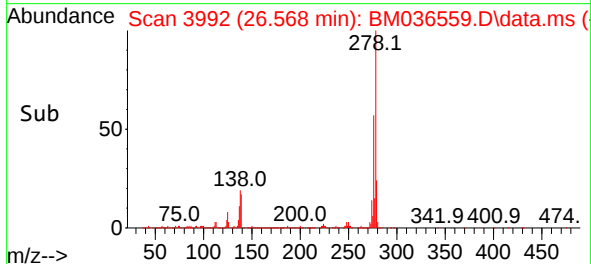
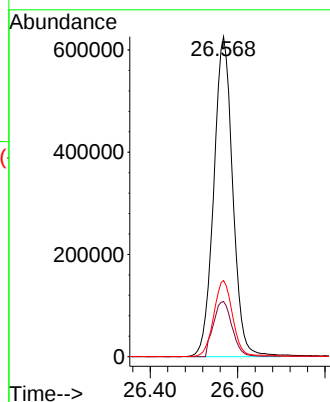
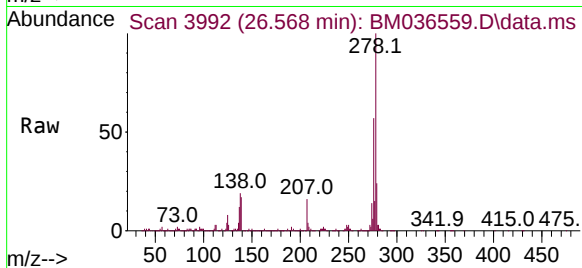
Tgt Ion:278 Resp: 1890545

Ion Ratio Lower Upper

278 100

139 17.2 14.5 21.7

279 23.8 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 16.664 ng/ul

RT: 27.326 min Scan# 4121

Delta R.T. -0.006 min

Lab File: BM036559.D

Acq: 16 Sep 2022 11:58

Tgt Ion:276 Resp: 1648808

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 23.9 19.2 28.8

