

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
 Data File : BM036517.D
 Acq On : 07 Sep 2022 20:01
 Operator : CG/JU
 Sample : N4483-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW359

Quant Time: Sep 08 00:53:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 02 01:33:23 2022
 Response via : Initial Calibration

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

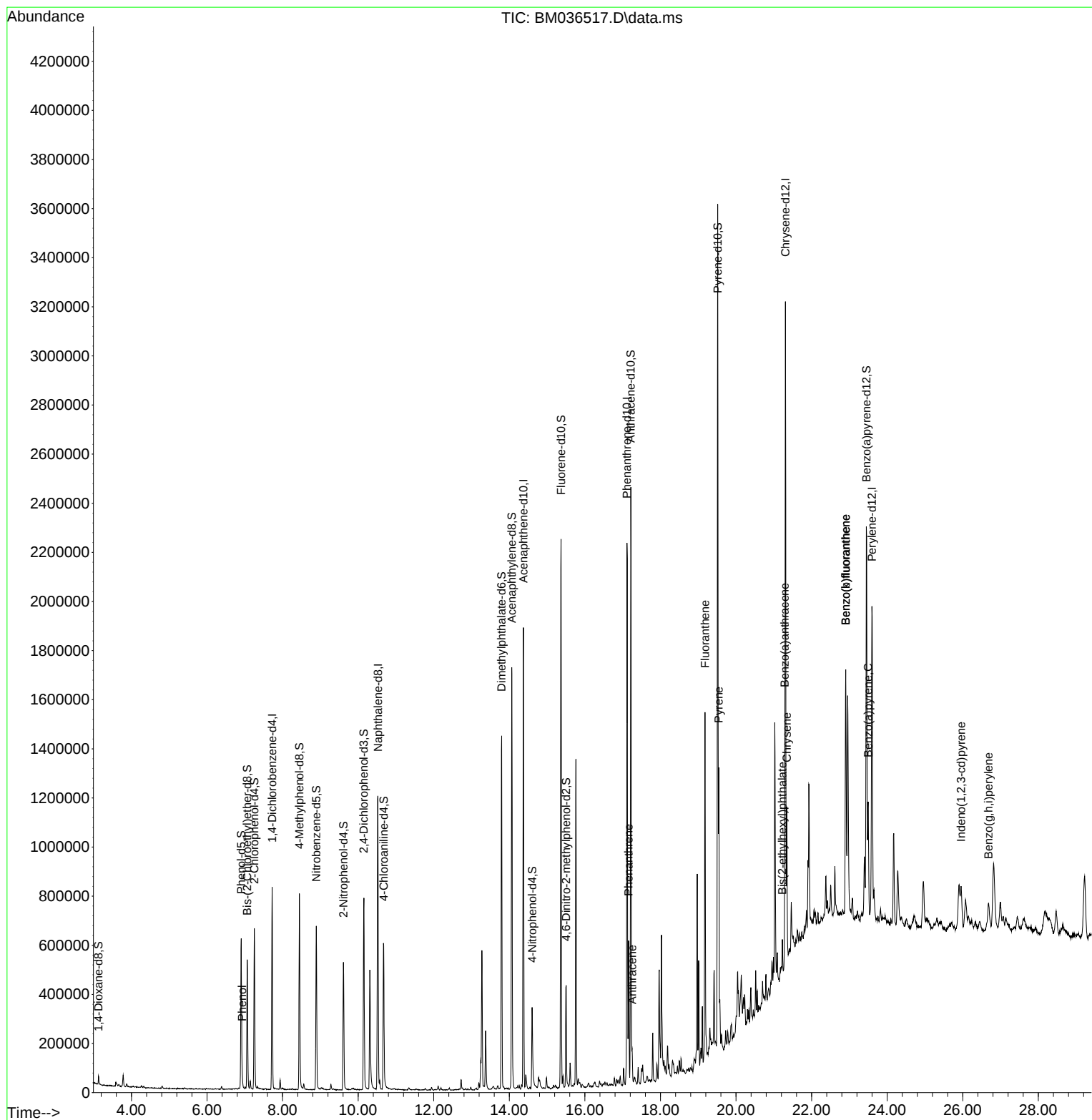
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	205249	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	964299	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	605222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1226724	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1043362	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	864333	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	16139	2.997	ng/uL	0.00
4) Pyridine-d5	3.551	84	260	0.018	ng/ul	0.00
7) Phenol-d5	6.904	99	337529	19.266	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	229690	20.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	290721	21.120	ng/ul	0.00
15) 4-Methylphenol-d8	8.445	113	289269	22.113	ng/ul	0.00
21) Nitrobenzene-d5	8.892	128	155793	21.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	157821	21.281	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	281617	21.253	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	337847	16.446	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	904981	23.636	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1123128	23.518	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	89571	12.346	ng/ul	0.00
60) Fluorene-d10	15.368	176	821660	23.748	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	79148	12.550	ng/ul	0.00
73) Anthracene-d10	17.215	188	1256377	23.033	ng/ul	0.00
81) Pyrene-d10	19.515	212	1497061	27.660	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.450	264	1079903	25.483	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.928	94	19493	1.070	ng/ul#	78
72) Phenanthrene	17.156	178	328896	5.100	ng/ul	100
74) Anthracene	17.251	178	75846	1.173	ng/ul	99
80) Fluoranthene	19.180	202	730879	11.174	ng/ul	96
82) Pyrene	19.545	202	649341	9.513	ng/ul	96
85) Benzo(a)anthracene	21.291	228	329337	5.253	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.227	149	43460	1.233	ng/ul	98
87) Chrysene	21.344	228	318542	5.170	ng/ul	97
90) Benzo(b)fluoranthene	22.903	252	377922	7.172	ng/ul	98
91) Benzo(k)fluoranthene	22.903	252	377922	7.538	ng/ul	98
93) Benzo(a)pyrene	23.497	252	228806	4.414	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.956	276	147304	2.417	ng/ul#	89
96) Benzo(g,h,i)perylene	26.685	276	130404	2.502	ng/ul	96

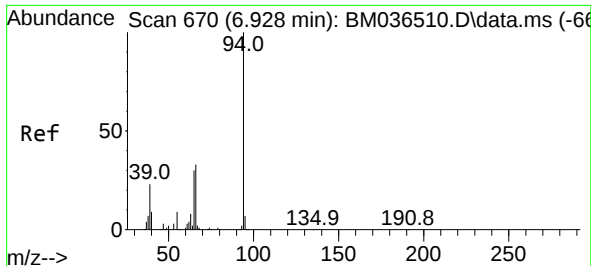
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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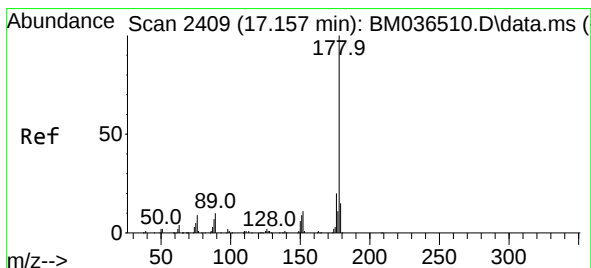
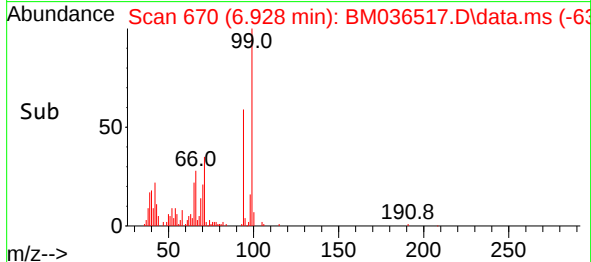
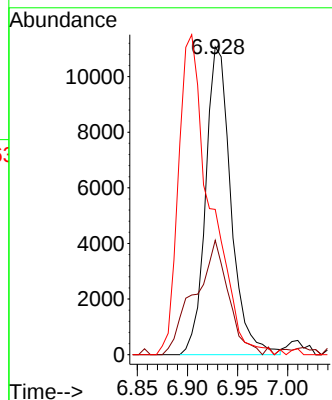
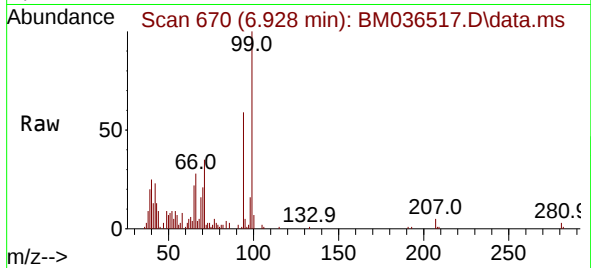




#8
Phenol
Concen: 1.070 ng/ul
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036517.D
Acq: 07 Sep 2022 20:01

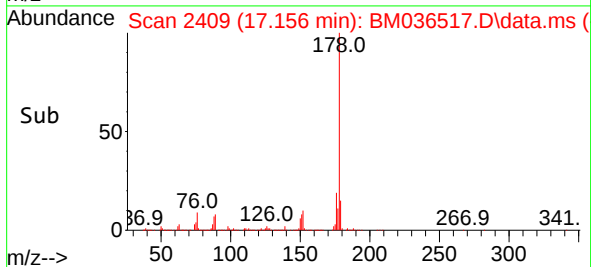
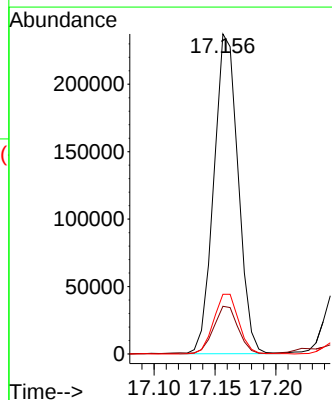
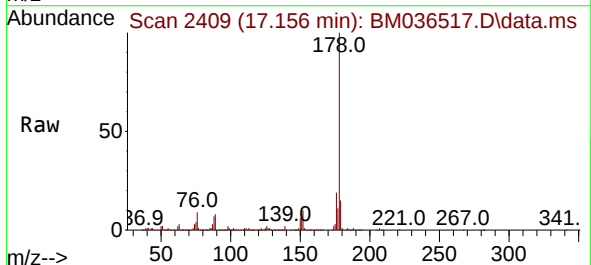
Instrument :
BNA_M
ClientSampleId :
EW359

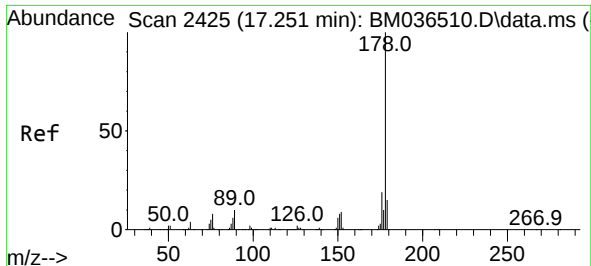
Tgt Ion: 94 Resp: 19493
Ion Ratio Lower Upper
94 100
65 37.1 21.3 31.9#
66 47.2 27.4 41.0#



#72
Phenanthrene
Concen: 5.100 ng/ul
RT: 17.156 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM036517.D
Acq: 07 Sep 2022 20:01

Tgt Ion: 178 Resp: 328896
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.2
176 18.6 14.9 22.3

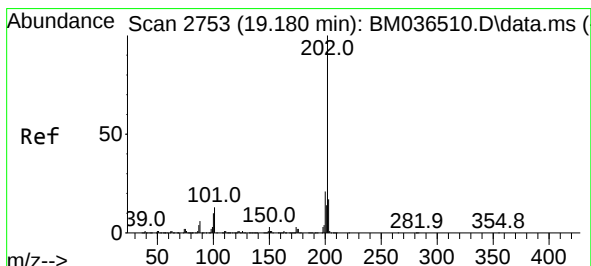
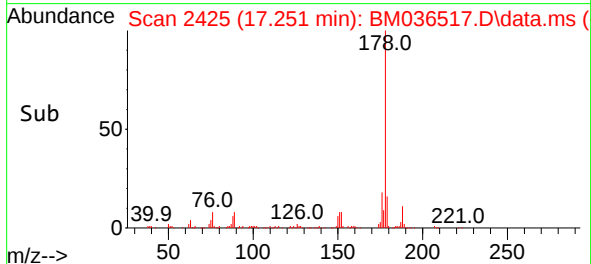
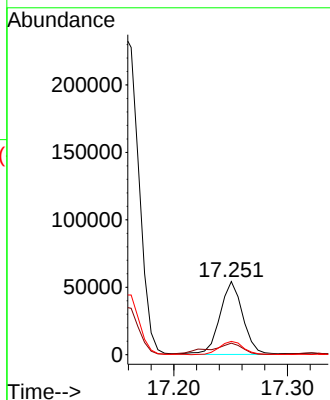
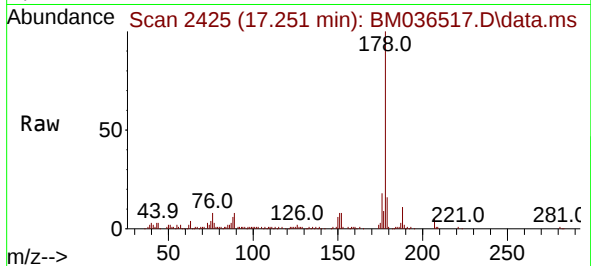




#74
 Anthracene
 Concen: 1.173 ng/ul
 RT: 17.251 min Scan# 2425
 Delta R.T. -0.006 min
 Lab File: BM036517.D
 Acq: 07 Sep 2022 20:01

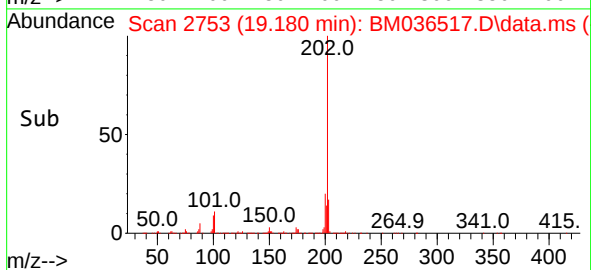
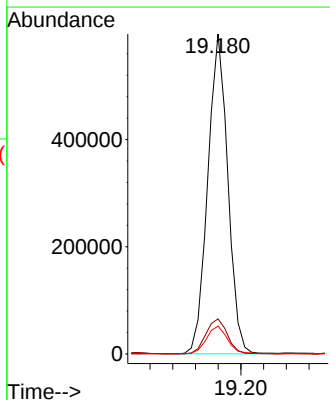
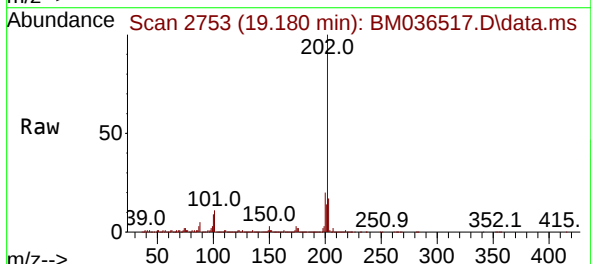
Instrument :
 BNA_M
 ClientSampleId :
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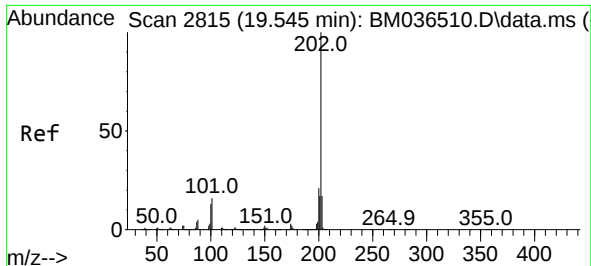
Tgt Ion:178 Resp: 75846
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.2 18.2
 176 18.1 14.4 21.6



#80
 Fluoranthene
 Concen: 11.174 ng/ul
 RT: 19.180 min Scan# 2753
 Delta R.T. -0.006 min
 Lab File: BM036517.D
 Acq: 07 Sep 2022 20:01

Tgt Ion:202 Resp: 730879
 Ion Ratio Lower Upper
 202 100
 101 10.9 10.1 15.1
 100 8.7 7.8 11.6

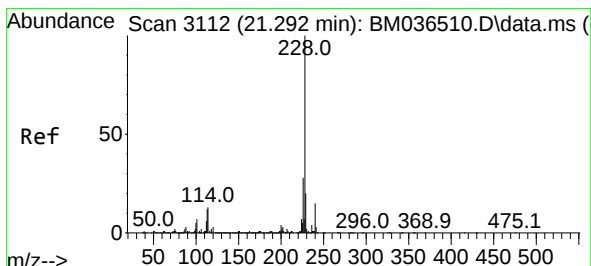
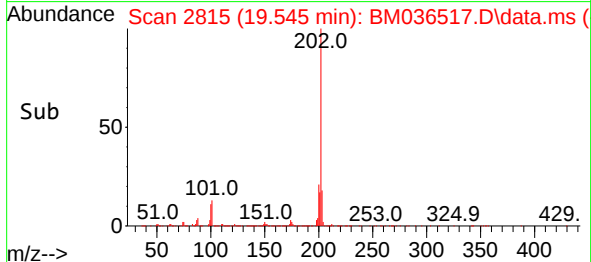
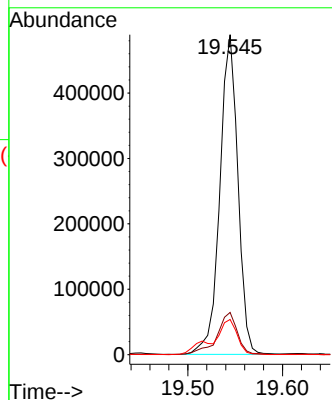
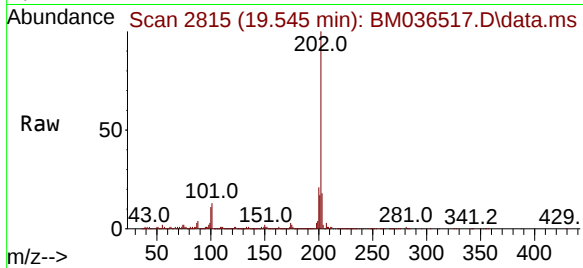




#82
 Pyrene
 Concen: 9.513 ng/ul
 RT: 19.545 min Scan# 2815
 Delta R.T. -0.000 min
 Lab File: BM036517.D
 Acq: 07 Sep 2022 20:01

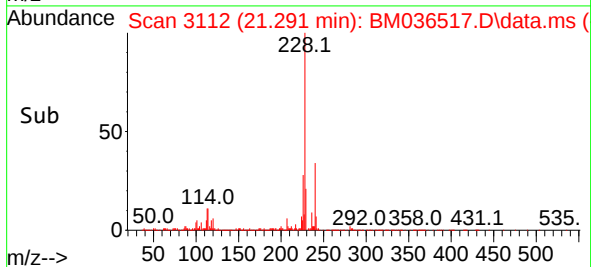
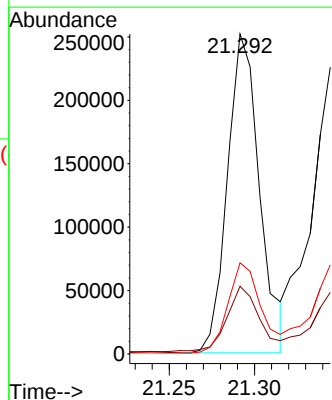
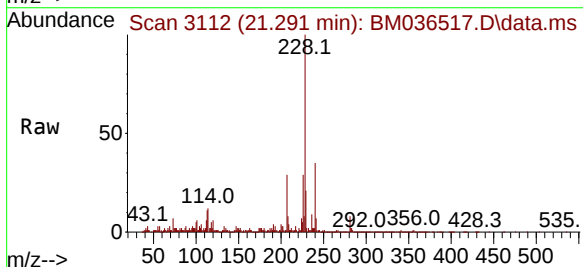
Instrument :
 BNA_M
 ClientSampleId :
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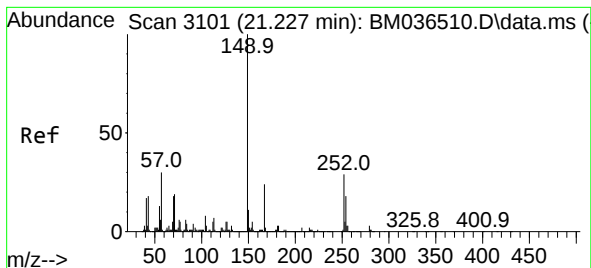
Tgt Ion:202 Resp: 649341
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.9 17.9
 100 11.0 10.2 15.4



#85
 Benzo(a)anthracene
 Concen: 5.253 ng/ul
 RT: 21.291 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BM036517.D
 Acq: 07 Sep 2022 20:01

Tgt Ion:228 Resp: 329337
 Ion Ratio Lower Upper
 228 100
 229 21.1 15.6 23.4
 226 28.5 21.7 32.5

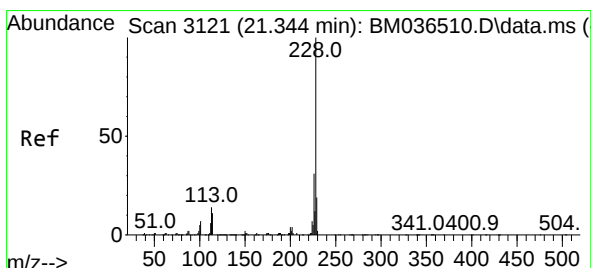
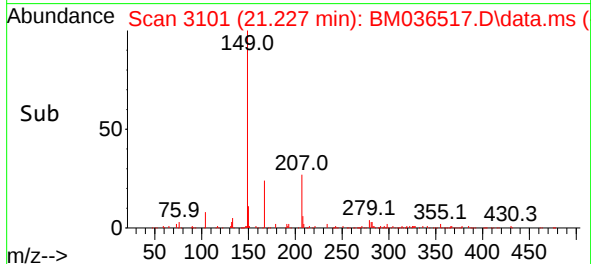
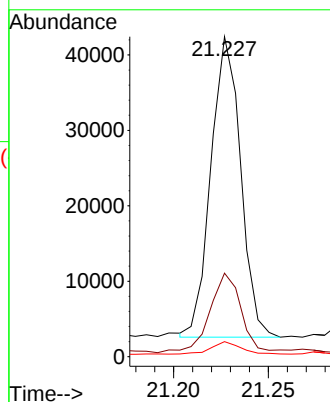
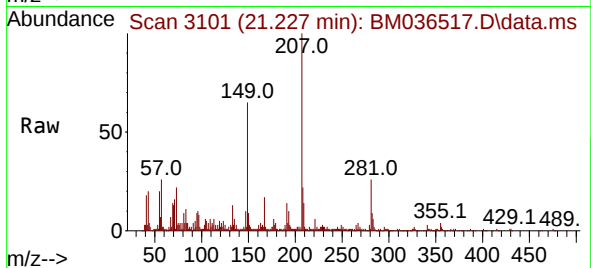




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.233 ng/ul
RT: 21.227 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM036517.D
Acq: 07 Sep 2022 20:01

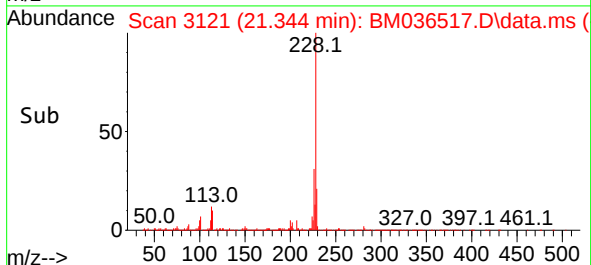
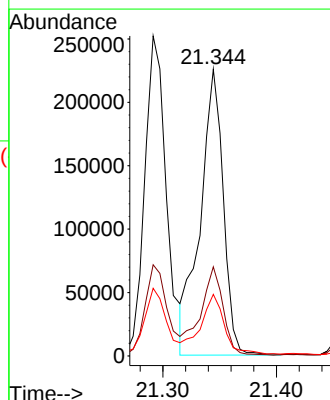
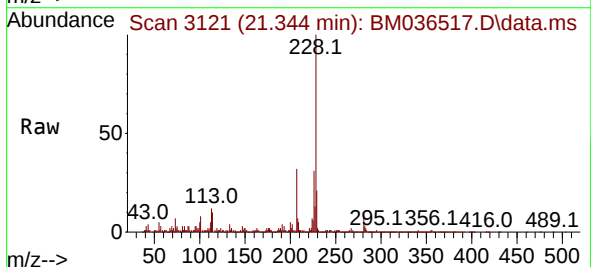
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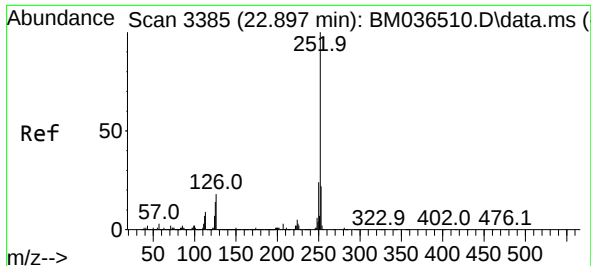
Tgt Ion:149 Resp: 43460
Ion Ratio Lower Upper
149 100
167 26.1 21.5 32.3
279 4.7 3.4 5.2



#87
Chrysene
Concen: 5.170 ng/ul
RT: 21.344 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM036517.D
Acq: 07 Sep 2022 20:01

Tgt Ion:228 Resp: 318542
Ion Ratio Lower Upper
228 100
226 31.1 23.7 35.5
229 21.5 15.5 23.3

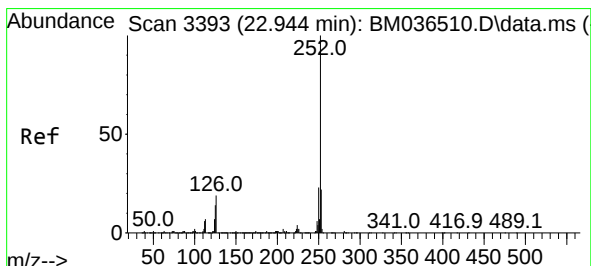
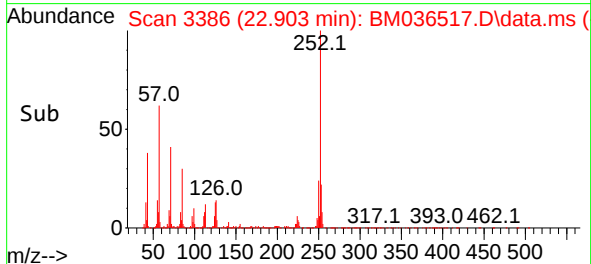
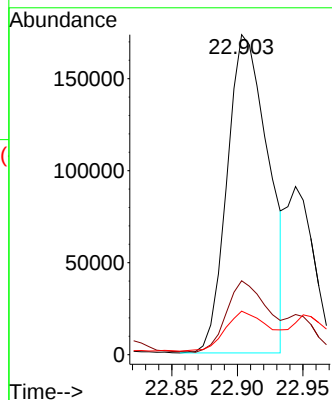
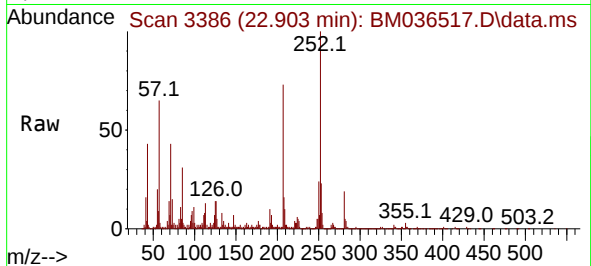




#90
Benzo(b)fluoranthene
Concen: 7.172 ng/ul
RT: 22.903 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BM036517.D
Acq: 07 Sep 2022 20:01

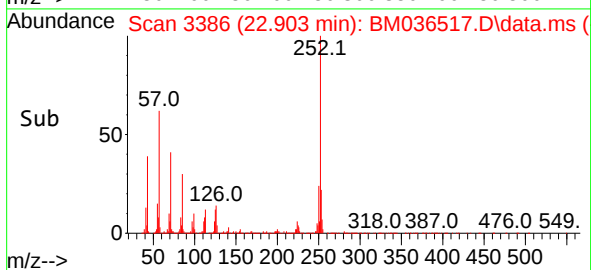
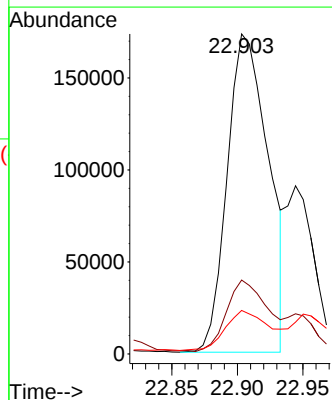
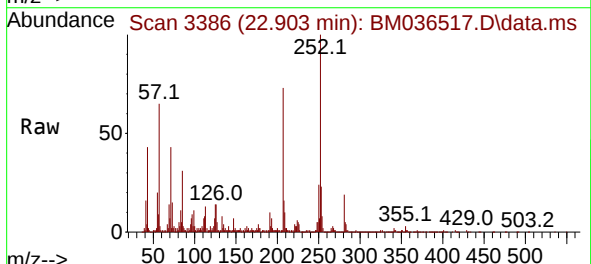
Instrument :
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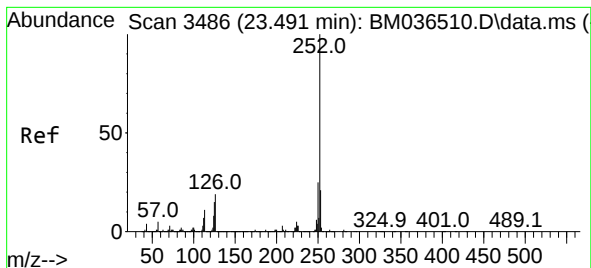
Tgt Ion:252 Resp: 377922
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 13.6 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 7.538 ng/ul
RT: 22.903 min Scan# 3386
Delta R.T. -0.053 min
Lab File: BM036517.D
Acq: 07 Sep 2022 20:01

Tgt Ion:252 Resp: 377922
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 13.6 10.6 15.8





#93

Benzo(a)pyrene

Concen: 4.414 ng/ul

RT: 23.497 min Scan# 3486

Delta R.T. -0.006 min

Lab File: BM036517.D

Acq: 07 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

EW359

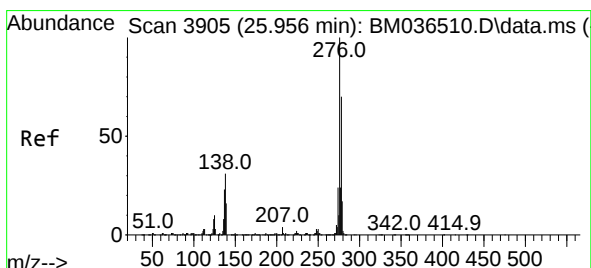
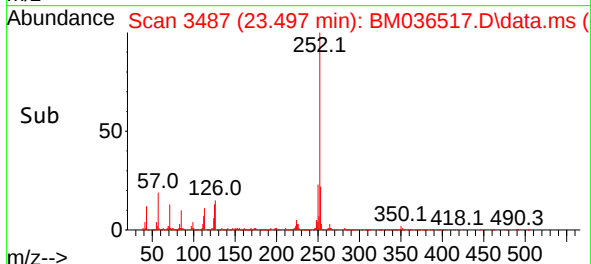
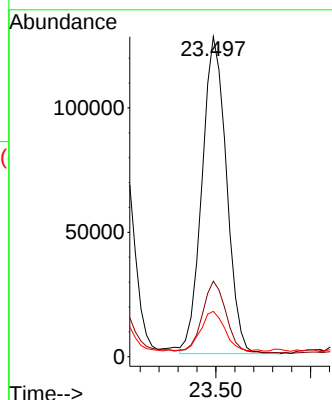
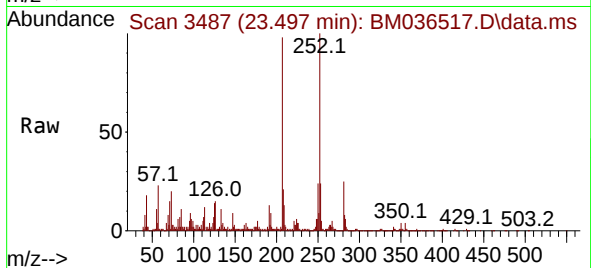
Tgt Ion:252 Resp: 228806

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

125 14.2 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.417 ng/ul

RT: 25.956 min Scan# 3905

Delta R.T. -0.012 min

Lab File: BM036517.D

Acq: 07 Sep 2022 20:01

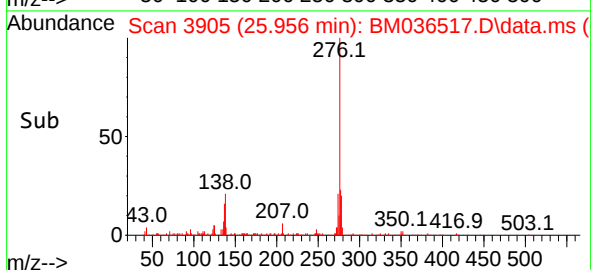
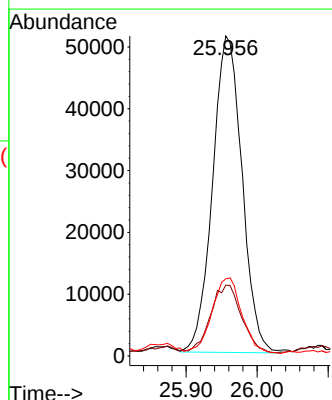
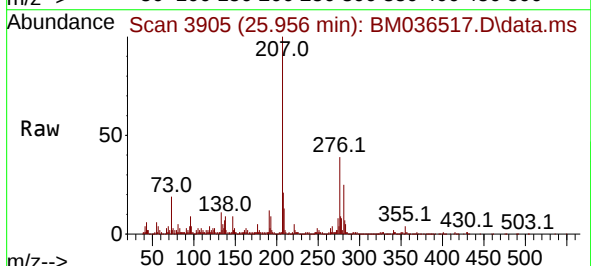
Tgt Ion:276 Resp: 147304

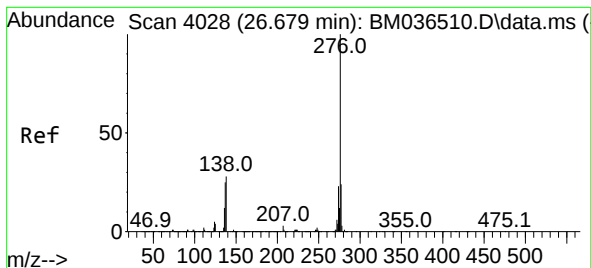
Ion Ratio Lower Upper

276 100

138 22.1 25.6 38.4#

277 24.1 20.1 30.1





#96

Benzo(g,h,i)perylene

Concen: 2.502 ng/ul

RT: 26.685 min Scan# 40

Delta R.T. -0.012 min

Lab File: BM036517.D

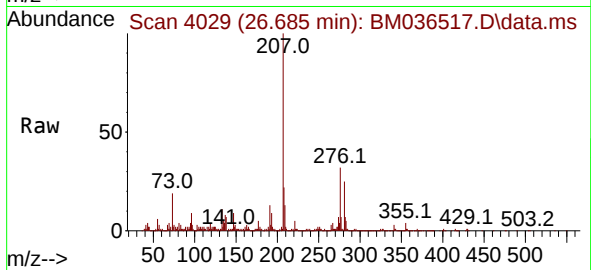
Acq: 07 Sep 2022 20:01

Instrument :

BNA_M

ClientSampleId :

EW359



Tgt Ion:276 Resp: 130404

Ion Ratio Lower Upper

276 100

138 23.0 21.3 31.9

277 22.7 18.6 28.0

