

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036914.D
 Acq On : 10 Oct 2022 19:01
 Operator : CG/JU
 Sample : N4952-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8T4

Quant Time: Oct 11 02:18:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

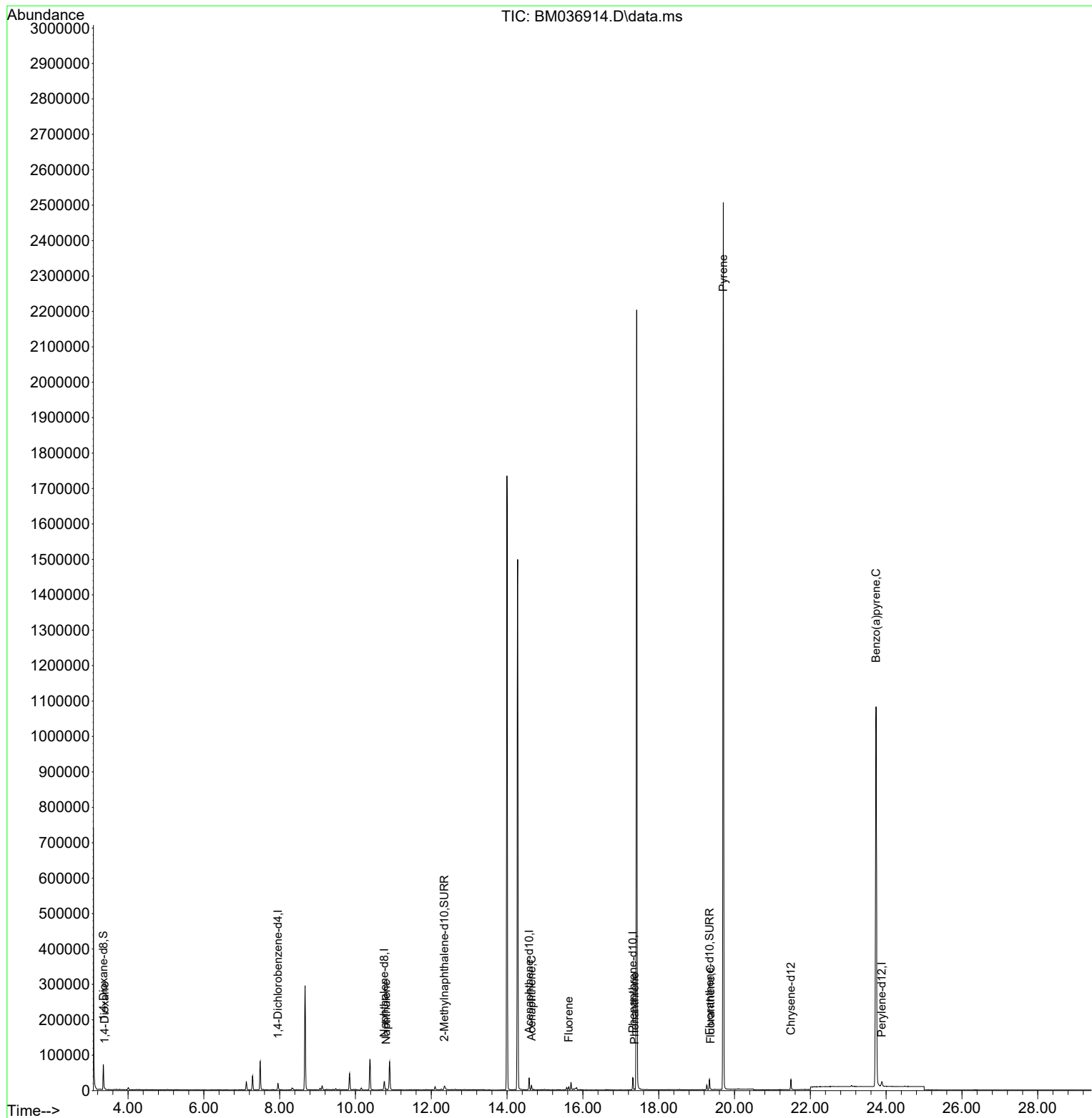
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9088	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	32647	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.584	164	18736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	38346	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	24202	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	19558	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	42843	3.343	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	12353	0.251	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	28852	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	1644	0.131	ng/ul#	76
5) Naphthalene	10.809	128	2361	0.025	ng/ul#	55
11) Acenaphthene	14.644	153	7481	0.111	ng/ul	100
12) Fluorene	15.625	166	5534	0.072	ng/ul#	97
15) Phenanthrene	17.360	178	3015	0.025	ng/ul#	77
19) Fluoranthene	19.368	202	2362	0.025	ng/ul#	72
20) Pyrene	19.703	202	3793	0.038	ng/ul#	1
26) Benzo(a)pyrene	23.733	252	5729	0.081	ng/ul#	46

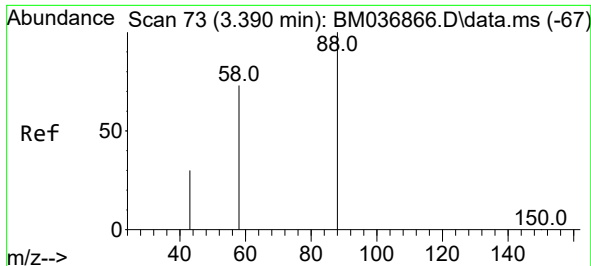
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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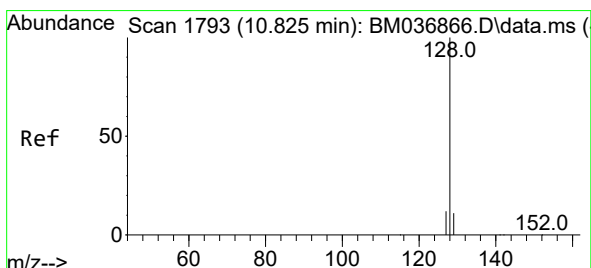
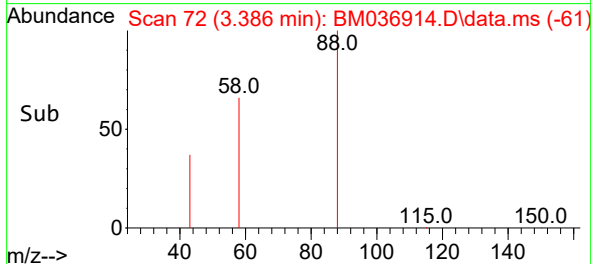
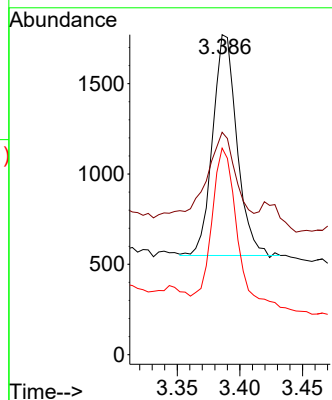
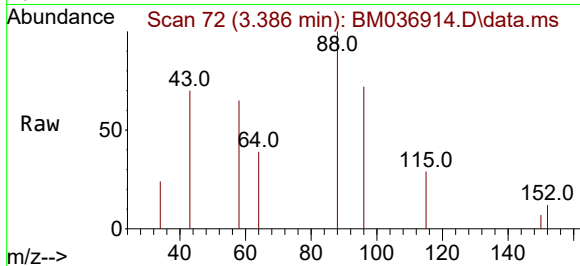




#2
1,4-Dioxane
Concen: 0.131 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

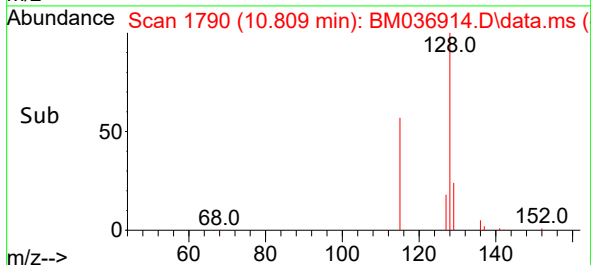
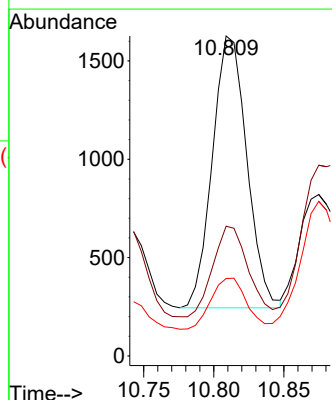
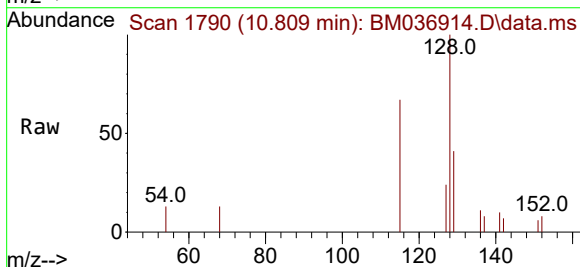
Instrument :
BNA_M
ClientSampleId :
CB8T4

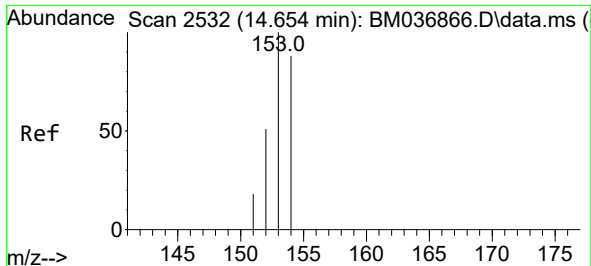
Tgt Ion: 88 Resp: 1644
Ion Ratio Lower Upper
88 100
43 69.5 37.8 56.6#
58 64.5 42.6 63.8#



#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

Tgt Ion: 128 Resp: 2361
Ion Ratio Lower Upper
128 100
129 40.6 10.2 15.2#
127 24.2 11.7 17.5#

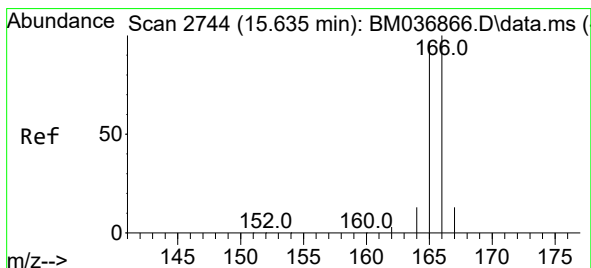
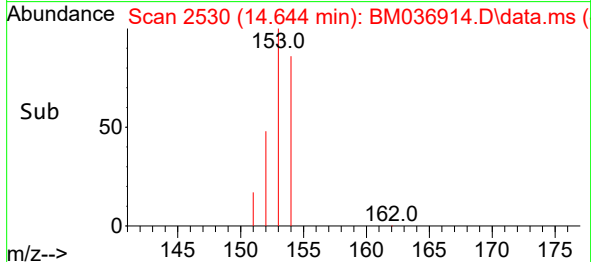
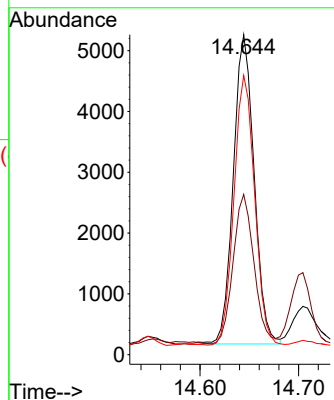
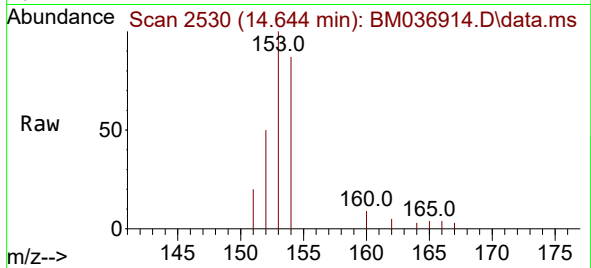




#11
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.644 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

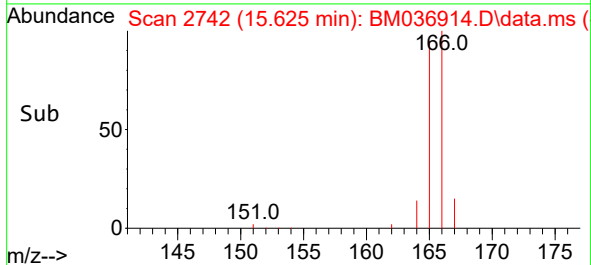
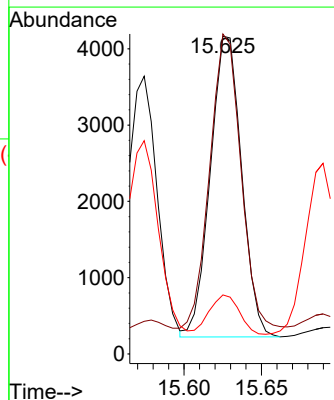
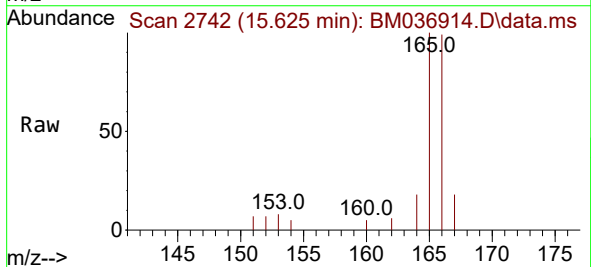
Instrument :
BNA_M
ClientSampleId :
CB8T4

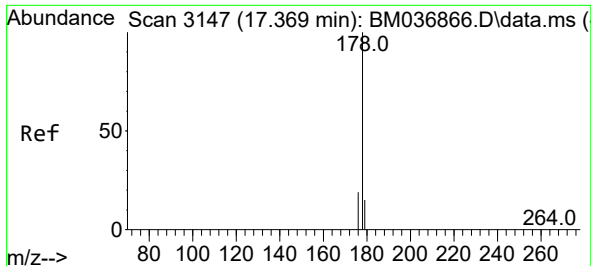
Tgt Ion:153 Resp: 7481
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 87.3 69.7 104.5



#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.625 min Scan# 2742
Delta R.T. -0.006 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

Tgt Ion:166 Resp: 5534
Ion Ratio Lower Upper
166 100
165 100.7 78.9 118.3
167 18.6 11.3 16.9#

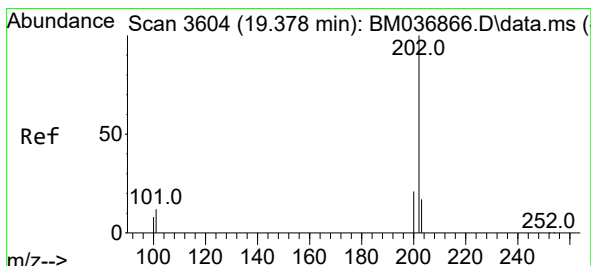
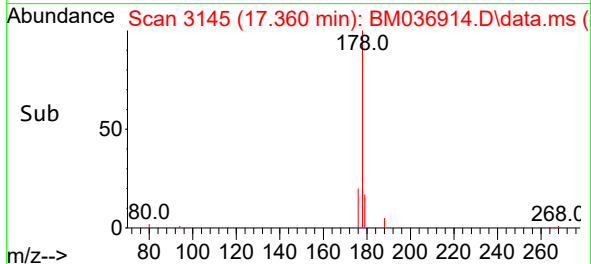
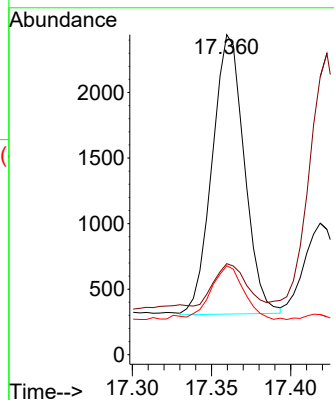
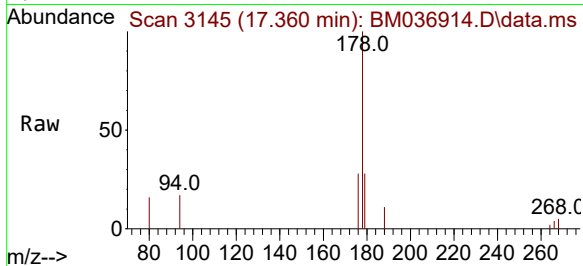




#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

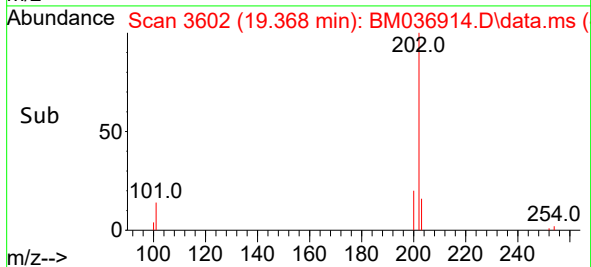
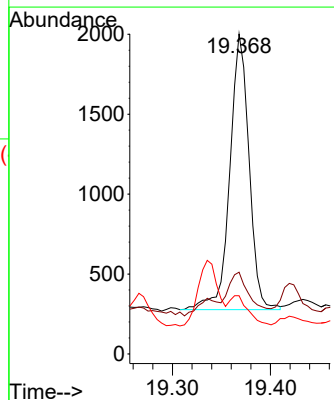
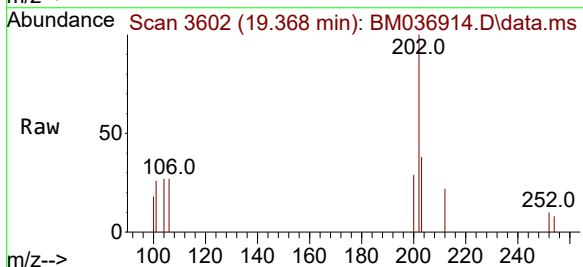
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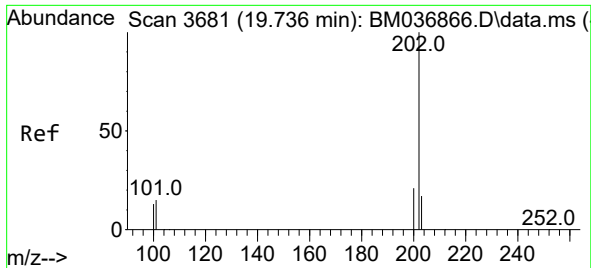
Tgt Ion:178 Resp: 3015
Ion Ratio Lower Upper
178 100
179 28.5 13.0 19.6#
176 27.8 15.6 23.4#



#19
Fluoranthene
Concen: 0.025 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

Tgt Ion:202 Resp: 2362
Ion Ratio Lower Upper
202 100
101 25.6 10.1 15.1#
100 18.2 7.9 11.9#

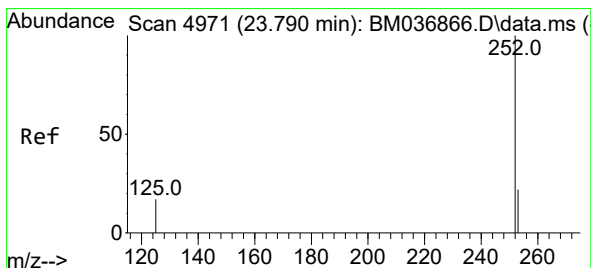
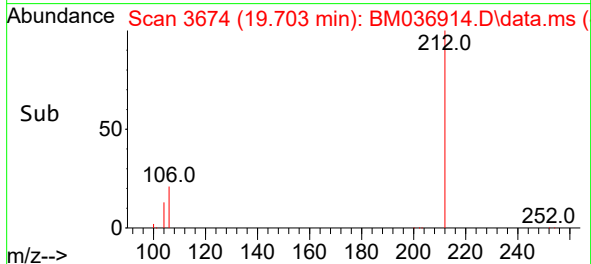
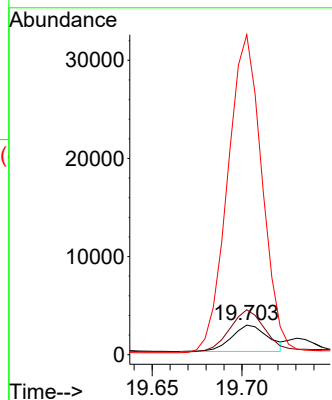
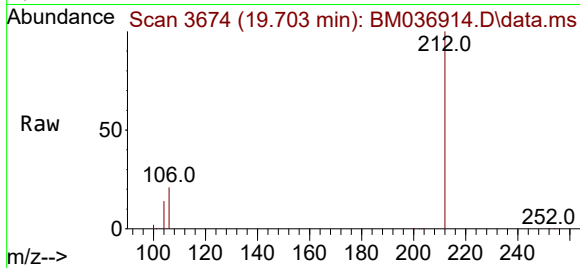




#20
Pyrene
Concen: 0.038 ng/ul
RT: 19.703 min Scan# 307
Delta R.T. -0.029 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

Instrument :
BNA_M
ClientSampleId :
CB8T4

Tgt Ion:202 Resp: 3793
Ion Ratio Lower Upper
202 100
101 151.5 12.0 18.0#
100 1080.0 9.8 14.6#



#26
Benzo(a)pyrene
Concen: 0.081 ng/ul
RT: 23.733 min Scan# 4951
Delta R.T. -0.049 min
Lab File: BM036914.D
Acq: 10 Oct 2022 19:01

Tgt Ion:252 Resp: 5729
Ion Ratio Lower Upper
252 100
253 61.4 29.7 44.5#
125 67.7 23.6 35.4#

