

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036996.D
 Acq On : 12 Oct 2022 23:09
 Operator : CG/JU
 Sample : N4976-06
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8Y1

Quant Time: Oct 13 01:33:16 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

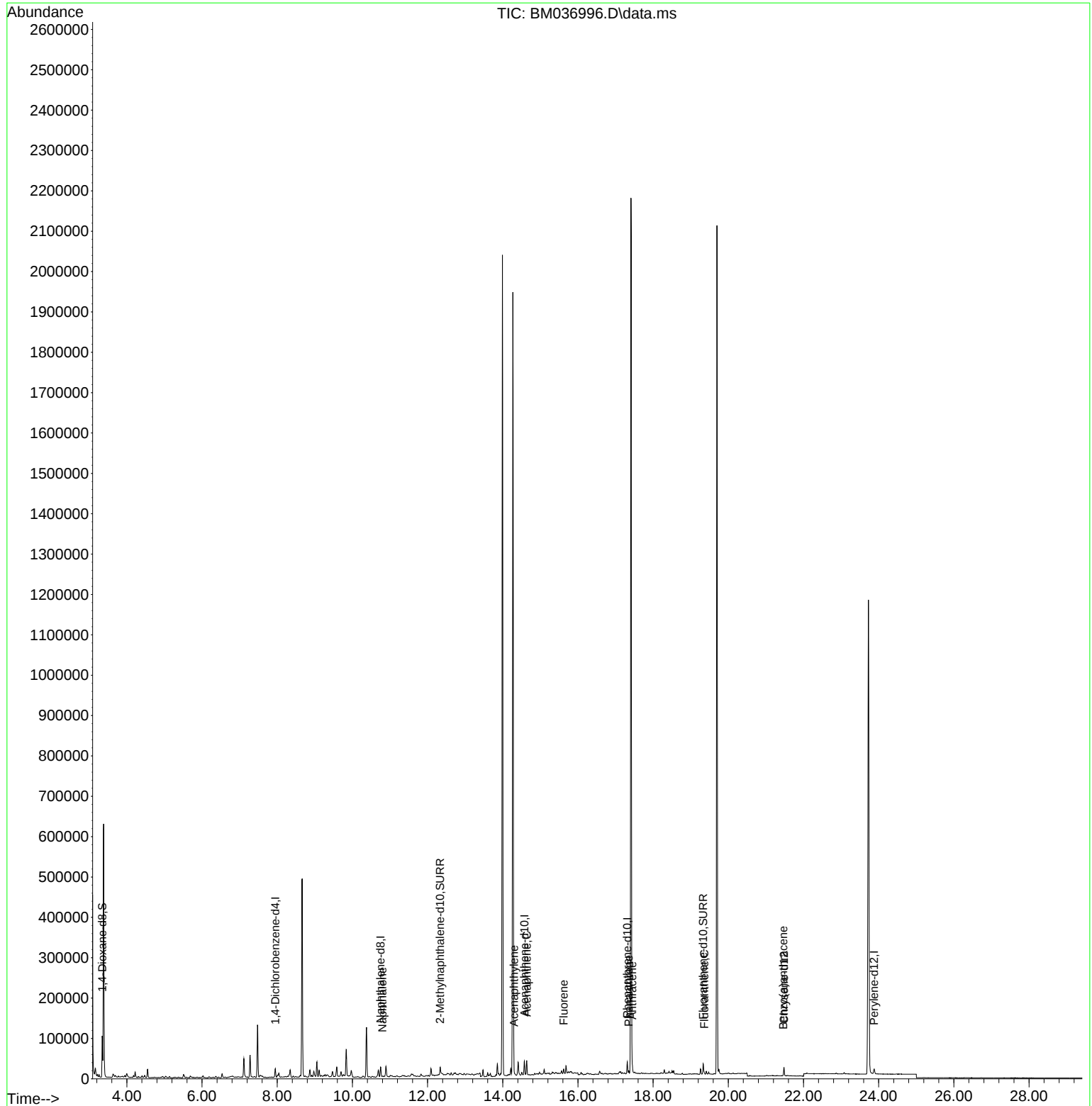
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	9552	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	33544	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	21125	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	32278	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.482	240	17322	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	17699	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	59250	4.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	18296	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	25678	0.496	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.798	128	2220	0.023	ng/ul#	42
10) Acenaphthylene	14.302	152	3370	0.038	ng/ul#	1
11) Acenaphthene	14.635	153	20809	0.273	ng/ul	99
12) Fluorene	15.621	166	6722	0.078	ng/ul#	87
15) Phenanthrene	17.351	178	8491	0.082	ng/ul#	59
16) Anthracene	17.444	178	14053	0.163	ng/ul#	75
19) Fluoranthene	19.364	202	2607	0.038	ng/ul#	1
21) Benzo(a)anthracene	21.465	228	2428	0.039	ng/ul#	35

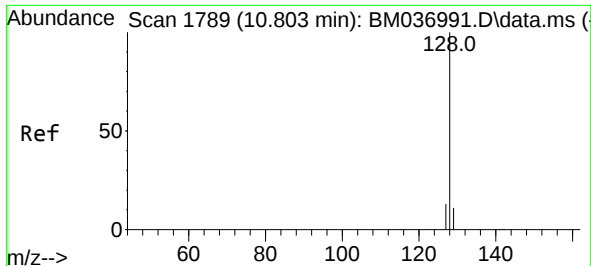
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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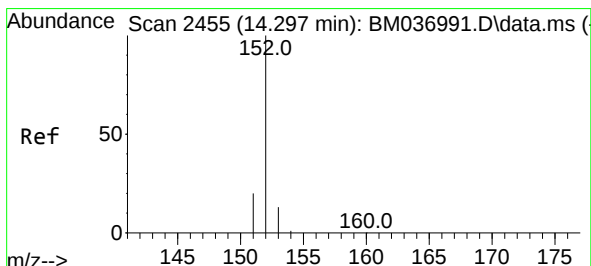
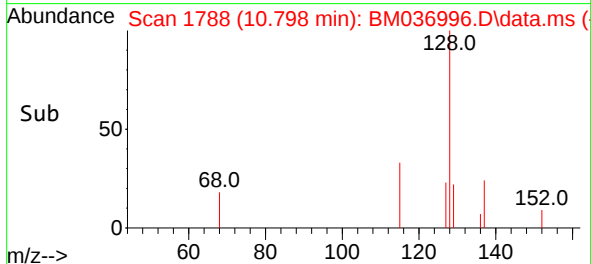
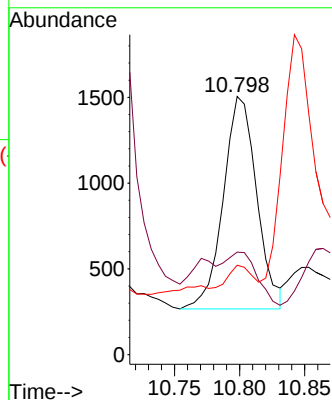
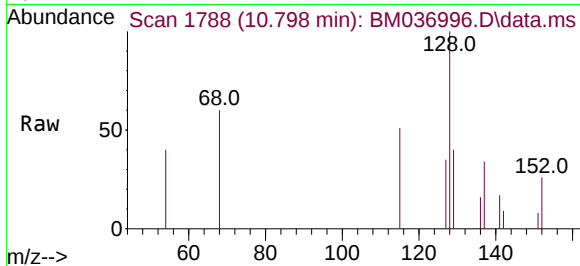




#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

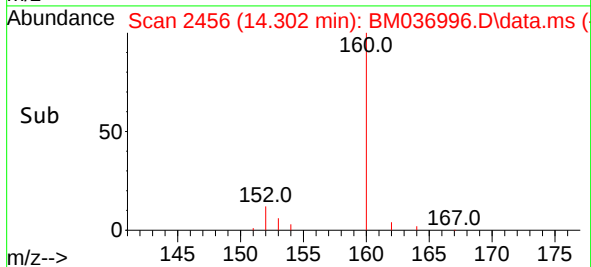
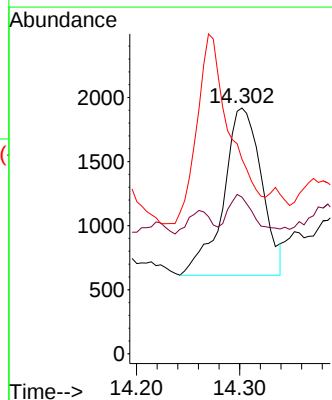
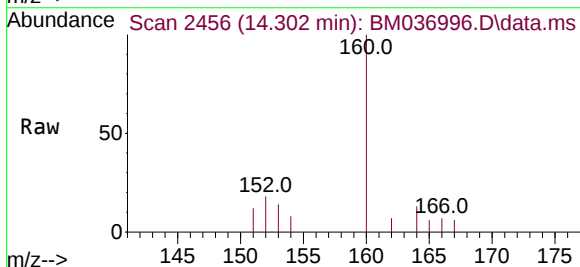
Instrument :
BNA_M
ClientSampleId :
CB8Y1

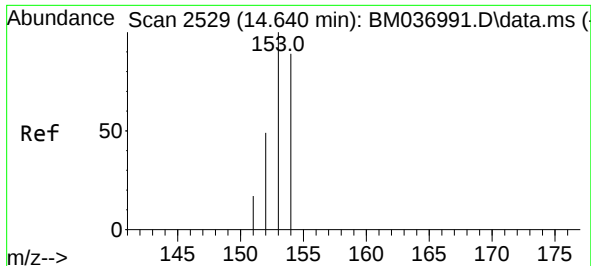
Tgt Ion:128 Resp: 2220
Ion Ratio Lower Upper
128 100
129 39.7 10.2 15.2#
127 34.6 11.7 17.5#



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

Tgt Ion:152 Resp: 3370
Ion Ratio Lower Upper
152 100
151 63.7 16.6 24.8#
153 79.2 11.4 17.0#

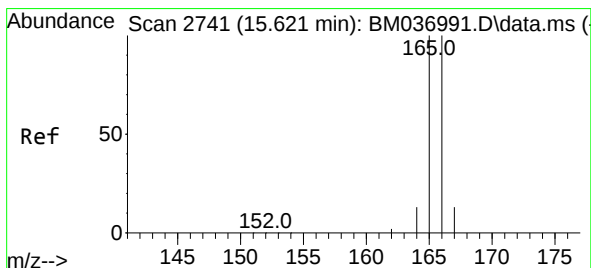
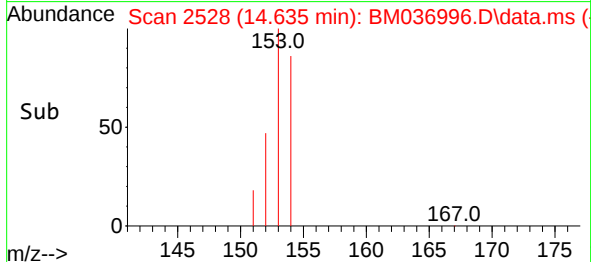
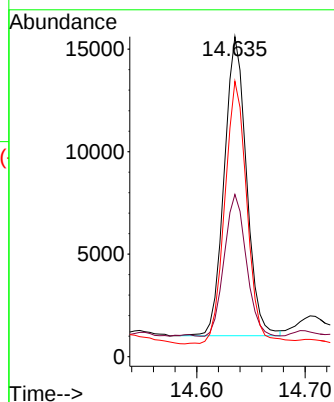
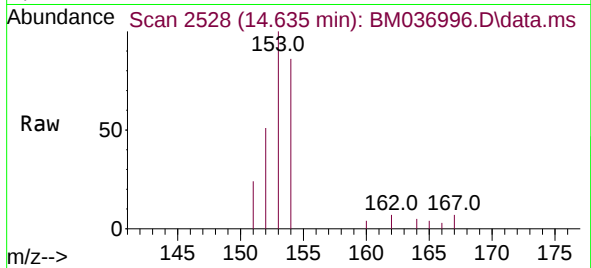




#11
Acenaphthene
Concen: 0.273 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

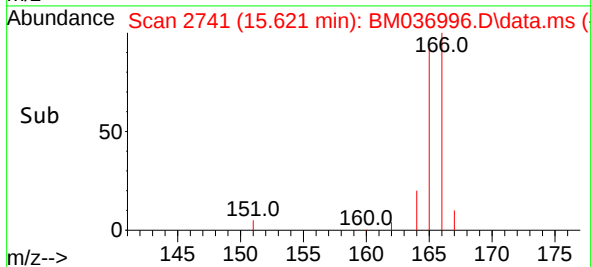
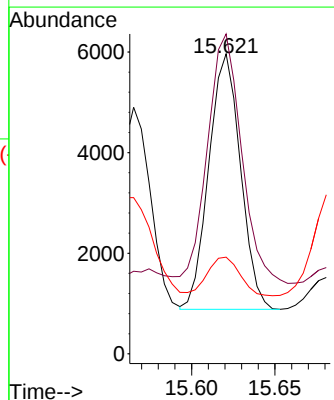
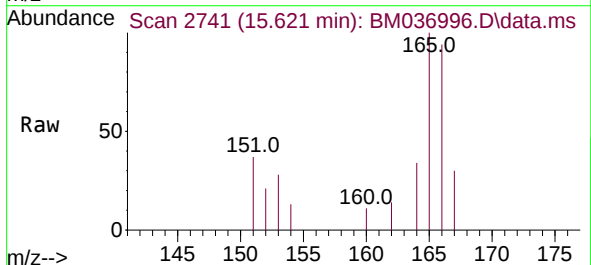
Instrument :
BNA_M
ClientSampleId :
CB8Y1

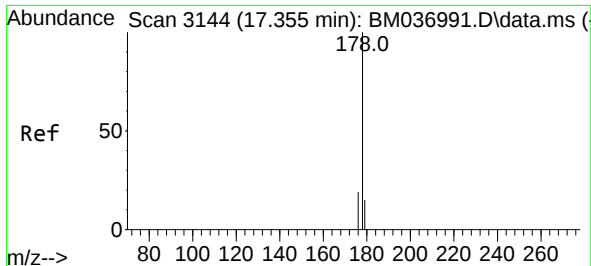
Tgt Ion:153 Resp: 20809
Ion Ratio Lower Upper
153 100
152 50.7 40.2 60.4
154 86.1 69.7 104.5



#12
Fluorene
Concen: 0.078 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

Tgt Ion:166 Resp: 6722
Ion Ratio Lower Upper
166 100
165 106.7 78.9 118.3
167 32.2 11.3 16.9#

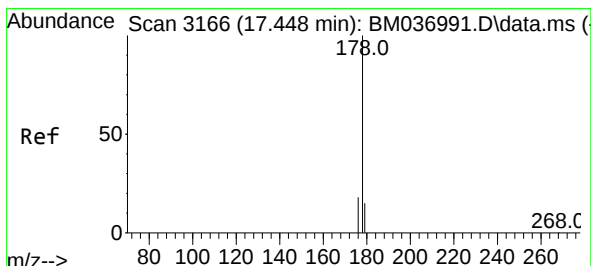
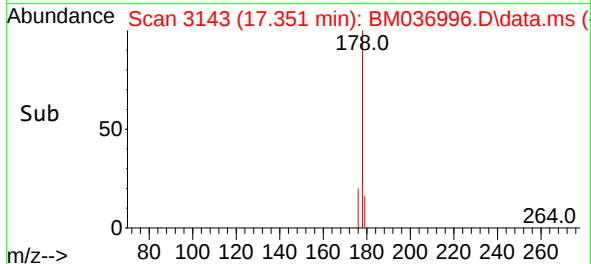
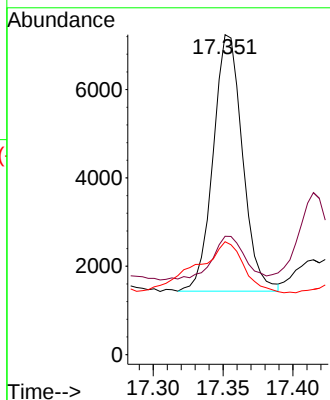
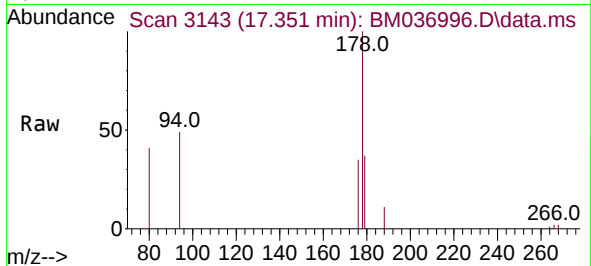




#15
Phenanthrene
Concen: 0.082 ng/ul
RT: 17.351 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

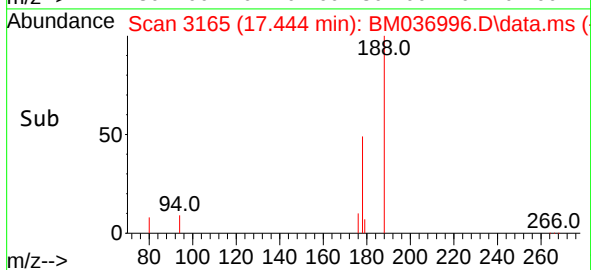
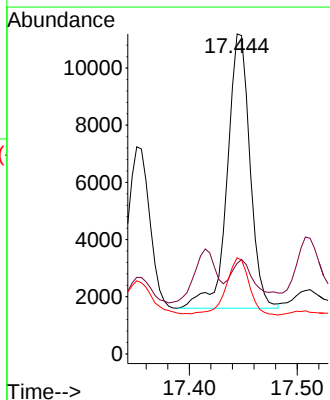
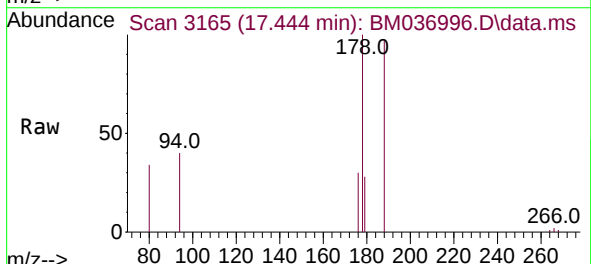
Instrument :
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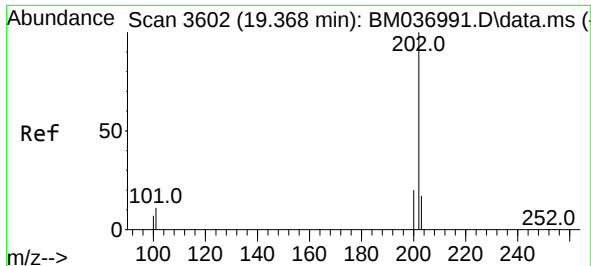
Tgt Ion:178 Resp: 8491
Ion Ratio Lower Upper
178 100
179 37.0 13.0 19.6#
176 35.3 15.6 23.4#



#16
Anthracene
Concen: 0.163 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

Tgt Ion:178 Resp: 14053
Ion Ratio Lower Upper
178 100
179 28.3 13.6 20.4#
176 30.0 15.6 23.4#

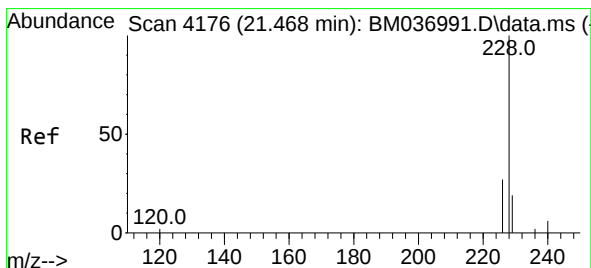
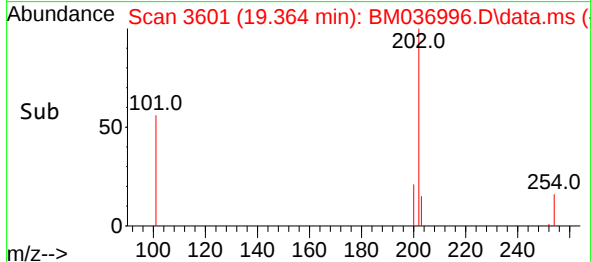
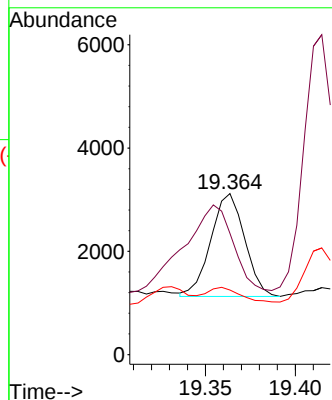
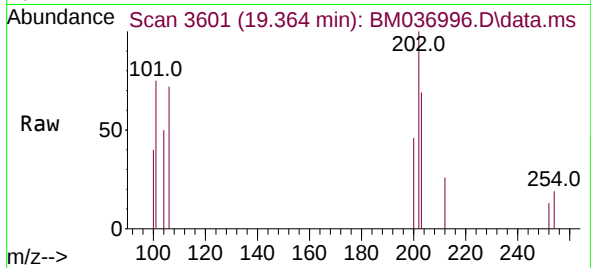




#19
Fluoranthene
Concen: 0.038 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

Instrument :
BNA_M
ClientSampleId :
CB8Y1

Tgt Ion:202 Resp: 2607
Ion Ratio Lower Upper
202 100
101 75.3 10.1 15.1#
100 40.0 7.9 11.9#



#21
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM036996.D
Acq: 12 Oct 2022 23:09

Tgt Ion:228 Resp: 2428
Ion Ratio Lower Upper
228 100
229 63.6 16.2 24.2#
226 51.3 22.5 33.7#

