

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036930.D
 Acq On : 11 Oct 2022 05:01
 Operator : CG/JU
 Sample : N4991-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG0

Quant Time: Oct 11 05:31:10 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)

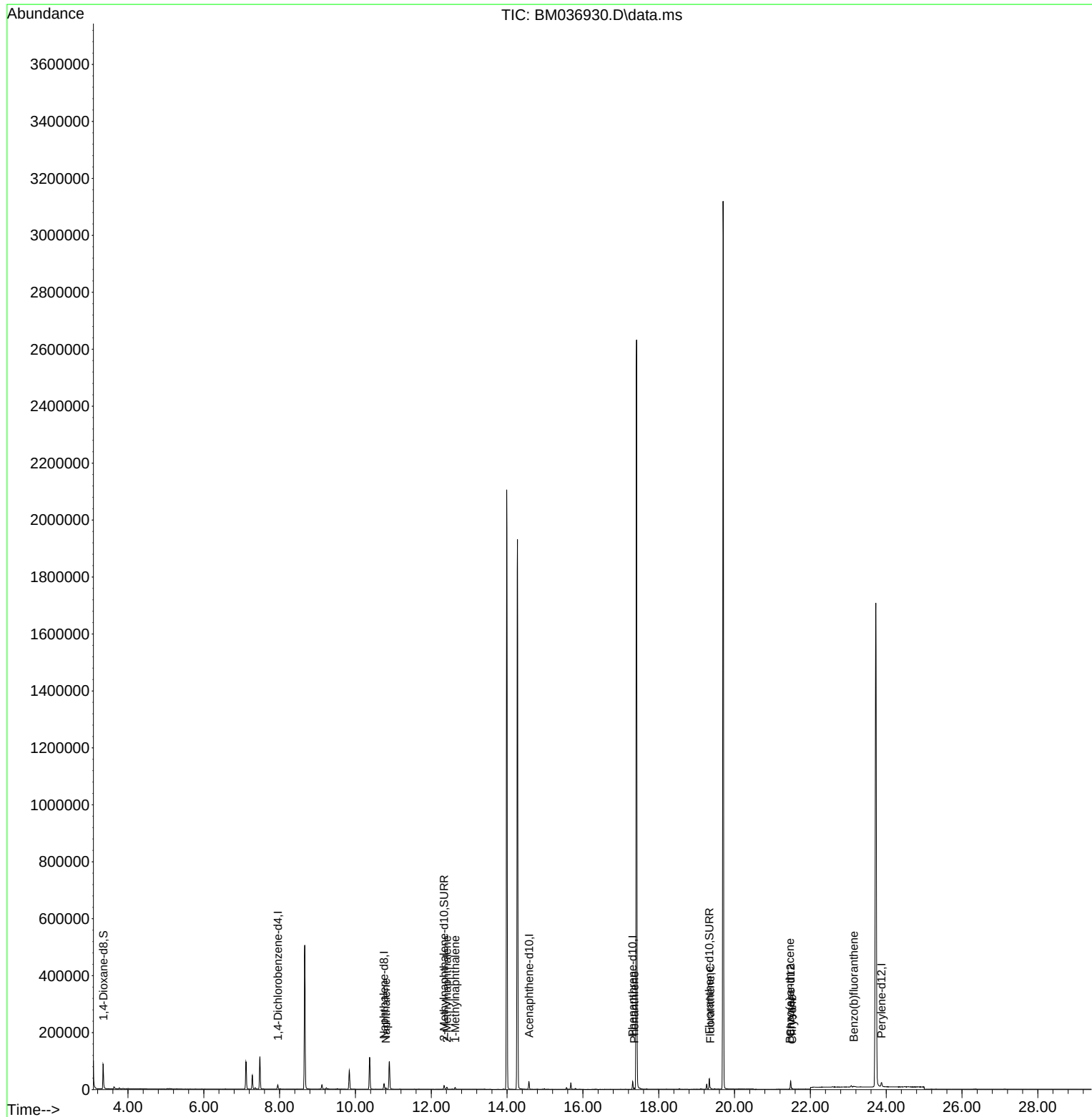
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7458	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	25787	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.580	164	14562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	30061	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	24329	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	21866	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	56091	5.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	17340	0.445	ng/ul	-0.01
18) Fluoranthene-d10	19.336	212	37315	0.513	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	6257	0.085	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	5137	0.114	ng/ul	93
8) 1-Methylnaphthalene	12.629	142	4142	0.090	ng/ul	100
15) Phenanthrene	17.355	178	5051	0.053	ng/ul	95
19) Fluoranthene	19.363	202	4305	0.044	ng/ul#	85
21) Benzo(a)anthracene	21.465	228	2187	0.025	ng/ul#	84
22) Chrysene	21.517	228	3199	0.034	ng/ul#	89
24) Benzo(b)fluoranthene	23.145	252	3159	0.032	ng/ul#	1

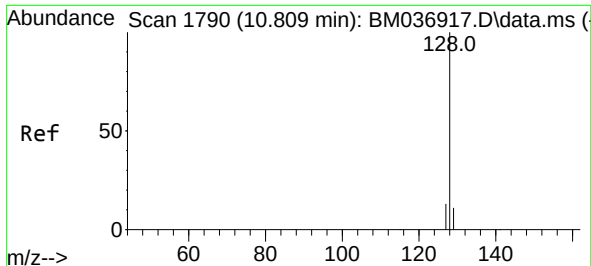
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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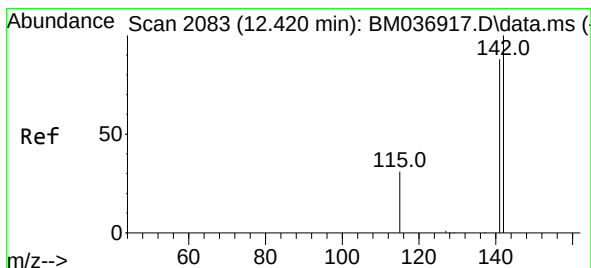
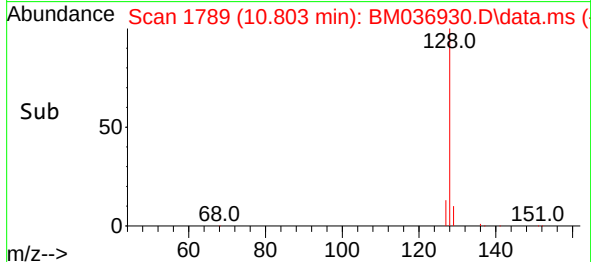
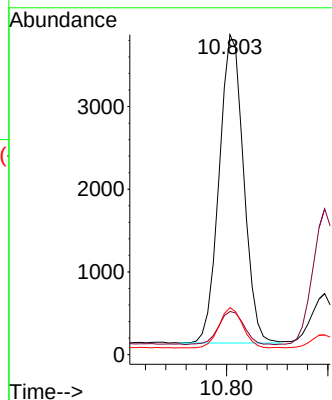
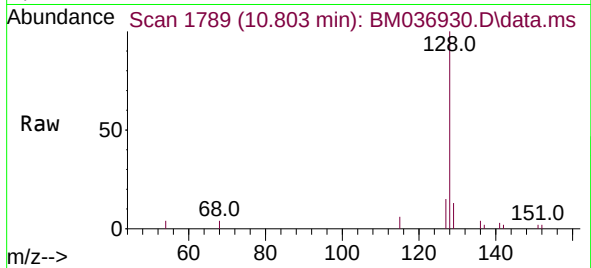




#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.011 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

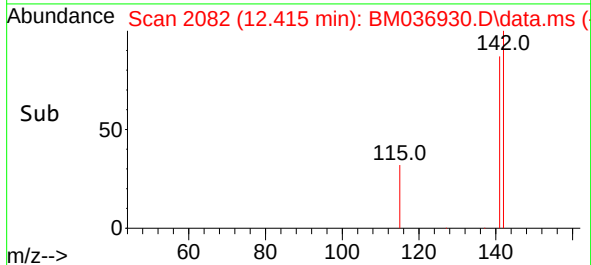
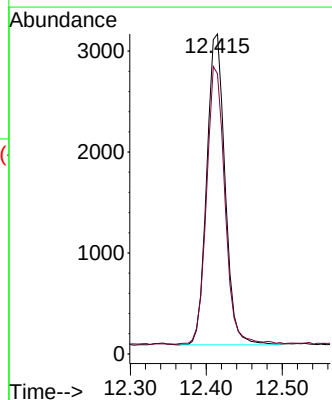
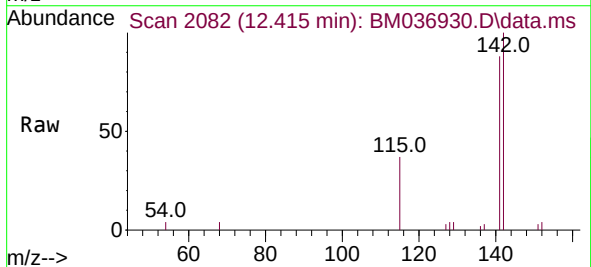
Instrument :
BNA_M
ClientSampleId :
C0BG0

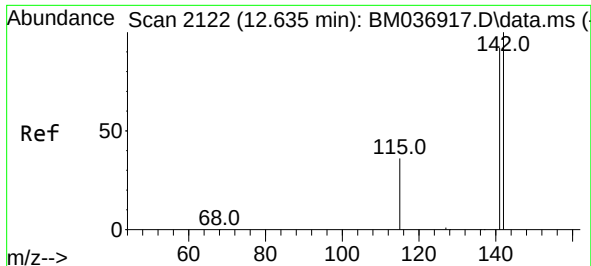
Tgt Ion:128 Resp: 6257
Ion Ratio Lower Upper
128 100
129 13.5 10.2 15.2
127 14.7 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

Tgt Ion:142 Resp: 5137
Ion Ratio Lower Upper
142 100
141 90.1 77.4 116.0

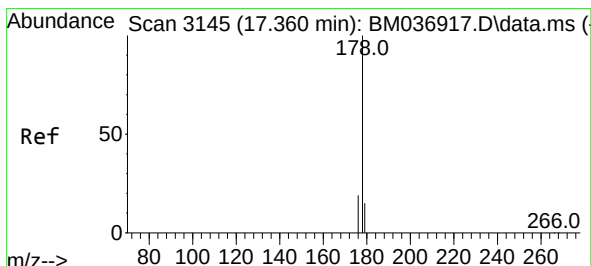
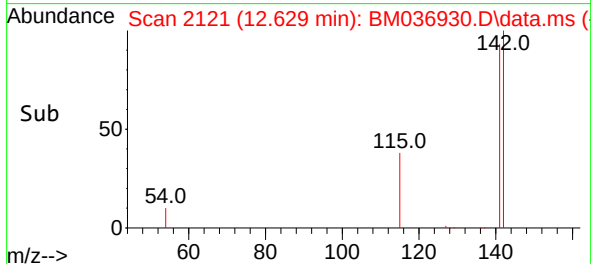
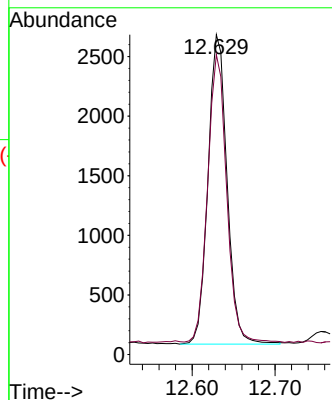
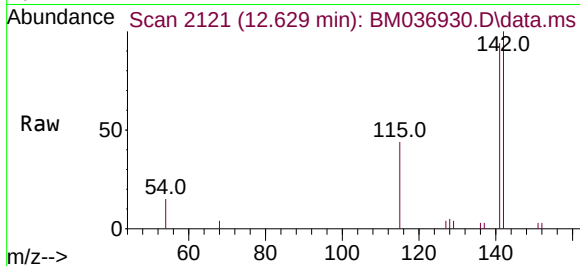




#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.629 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

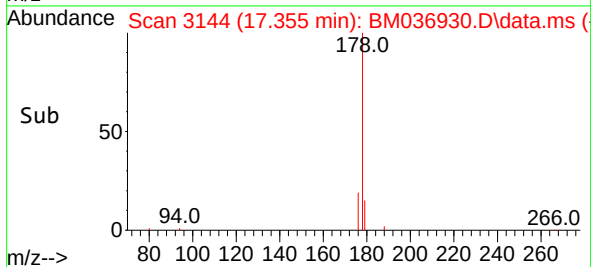
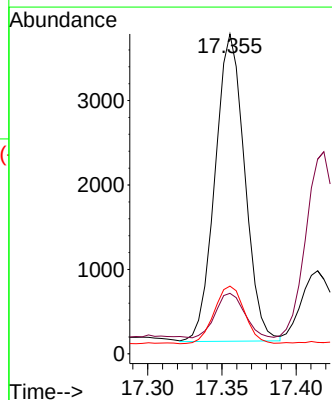
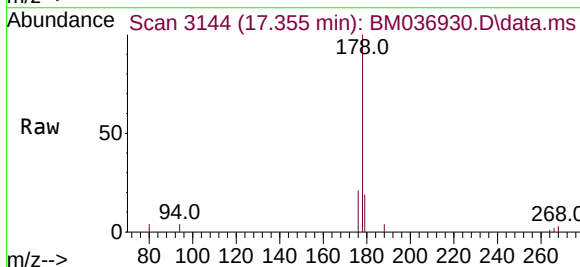
Instrument :
BNA_M
ClientSampleId :
C0BG0

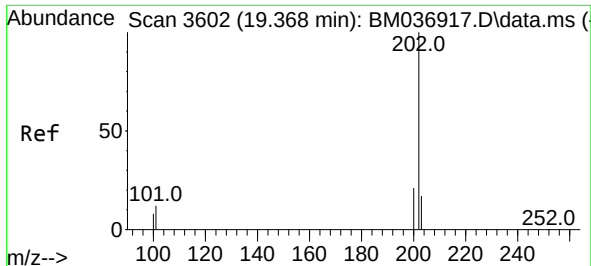
Tgt Ion:142 Resp: 4142
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1



#15
Phenanthrene
Concen: 0.053 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

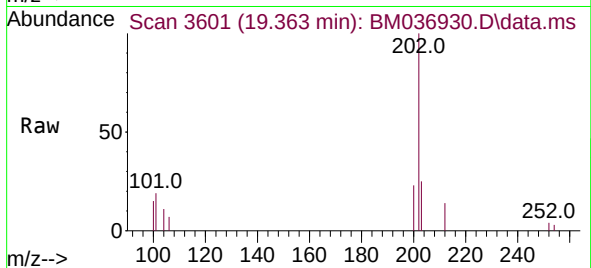
Tgt Ion:178 Resp: 5051
Ion Ratio Lower Upper
178 100
179 18.9 13.0 19.6
176 21.2 15.6 23.4



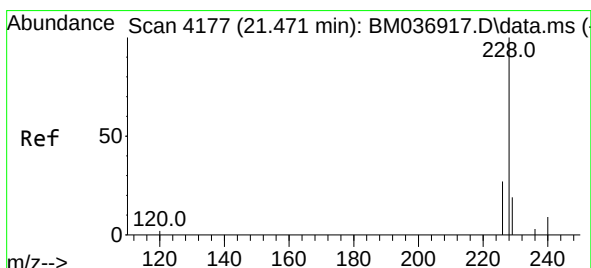
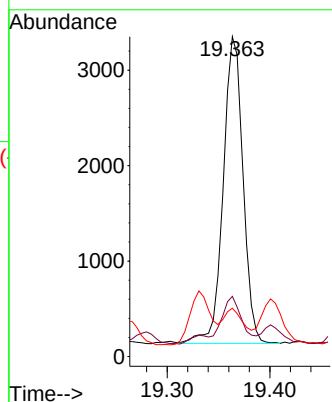
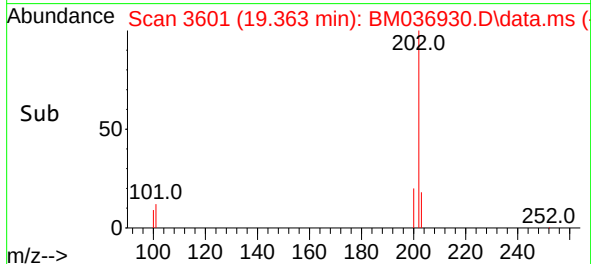


#19
Fluoranthene
Concen: 0.044 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. -0.010 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

Instrument :
BNA_M
ClientSampleId :
C0BG0

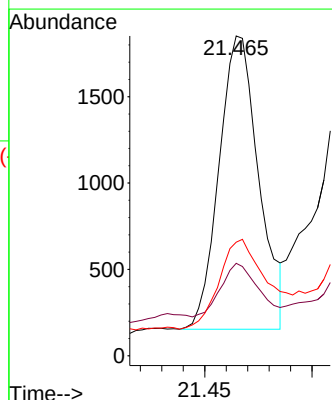
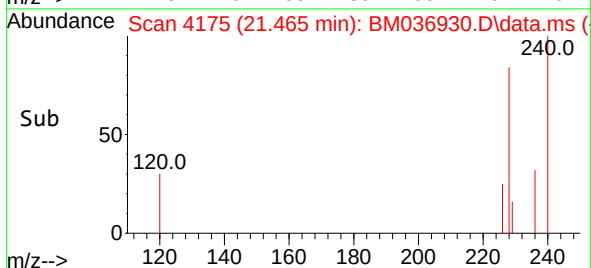
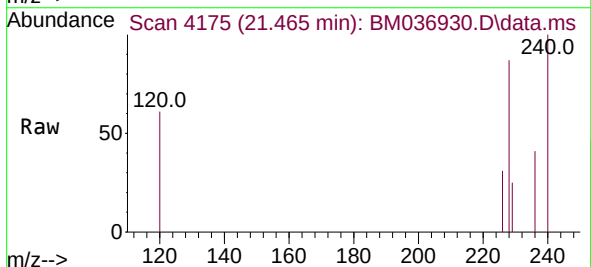


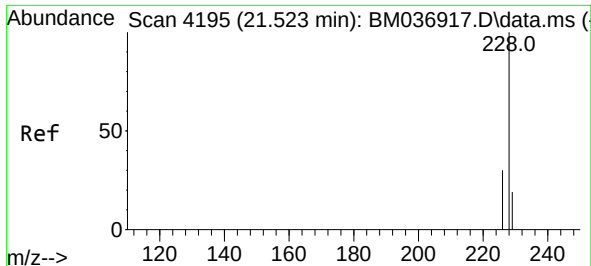
Tgt Ion:202 Resp: 4305
Ion Ratio Lower Upper
202 100
101 18.8 10.1 15.1#
100 15.1 7.9 11.9#



#21
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.008 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

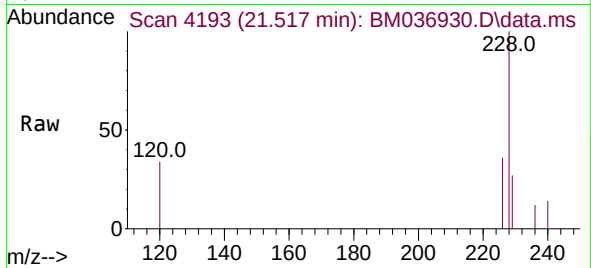
Tgt Ion:228 Resp: 2187
Ion Ratio Lower Upper
228 100
229 28.9 16.2 24.2#
226 35.5 22.5 33.7#



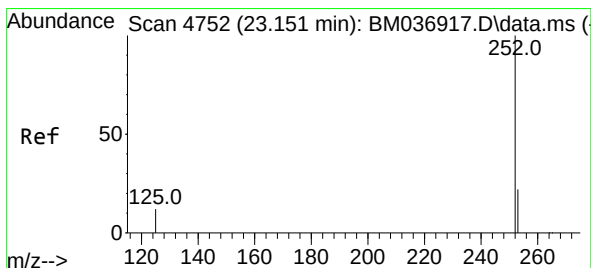
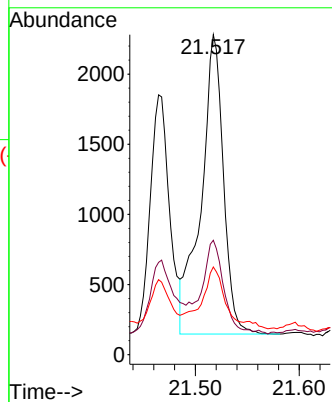
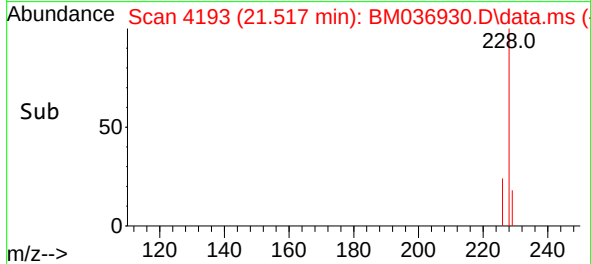


#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.008 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

Instrument :
BNA_M
ClientSampleId :
C0BG0



Tgt Ion:228 Resp: 3199
Ion Ratio Lower Upper
228 100
226 35.7 24.6 37.0
229 27.4 16.4 24.6#



#24
Benzo(b)fluoranthene
Concen: 0.032 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.011 min
Lab File: BM036930.D
Acq: 11 Oct 2022 05:01

Tgt Ion:252 Resp: 3159
Ion Ratio Lower Upper
252 100
253 65.3 0.0 61.4#
125 105.9 0.0 42.6#

