

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
 Data File : BM033225.D
 Acq On : 22 Nov 2021 20:49
 Operator : CG/JU
 Sample : M4779-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L04

Quant Time: Nov 23 00:01:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

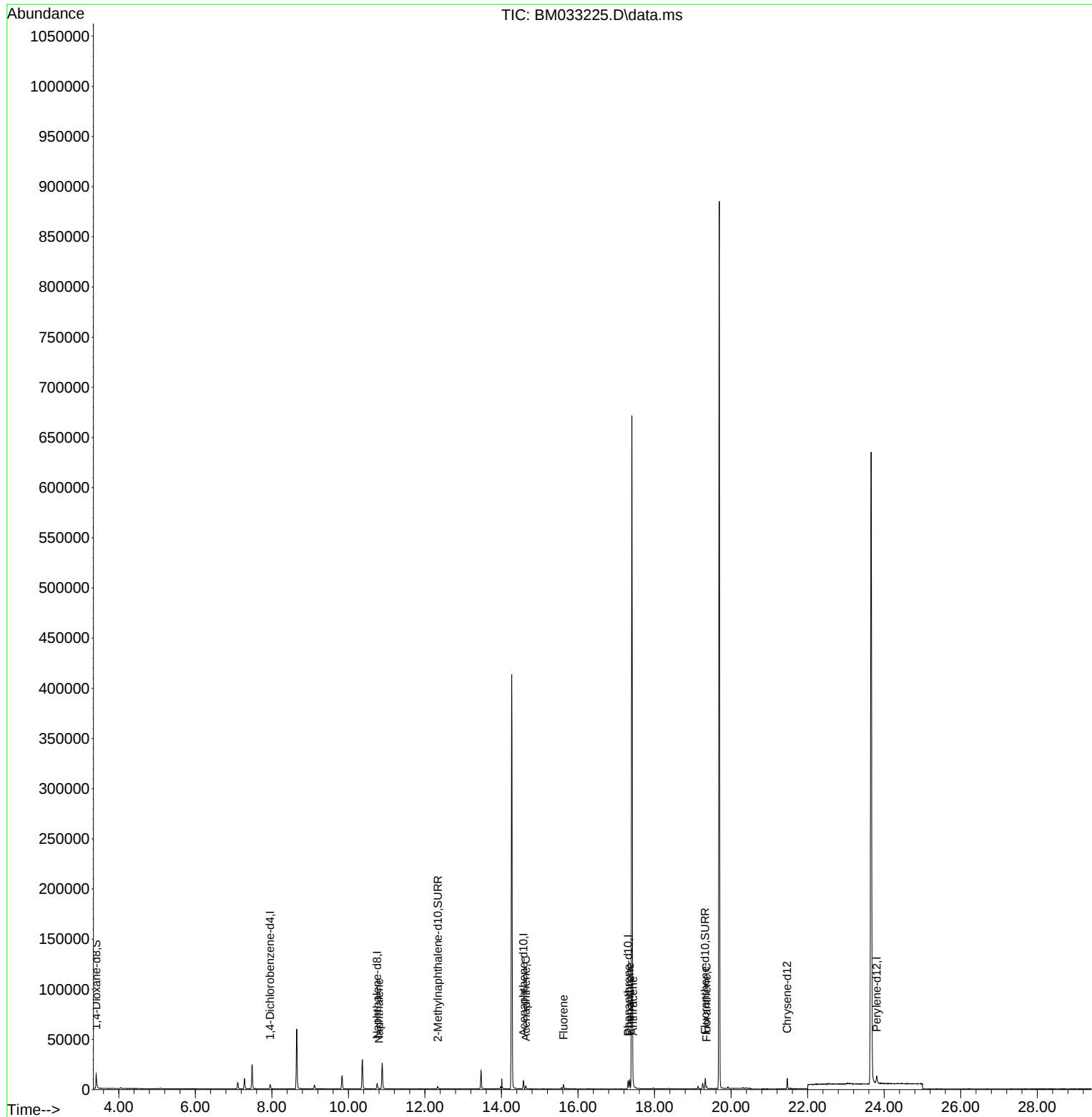
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	2386	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	7000	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.572	164	4323	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.309	188	9522	0.400	ng/ul	-0.01
17) Chrysene-d12	21.466	240	9806	0.400	ng/ul	0.00
23) Perylene-d12	23.803	264	10249	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	9551	4.257	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.334	152	3221	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.323	212	10854	0.382	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	783	0.036	ng/ul#	77
11) Acenaphthene	14.637	153	1885	0.114	ng/ul	98
12) Fluorene	15.619	166	2790	0.149	ng/ul	96
15) Phenanthrene	17.351	178	9875	0.286	ng/ul	99
16) Anthracene	17.441	178	2328	0.083	ng/ul#	88
19) Fluoranthene	19.357	202	1298	0.027	ng/ul#	3

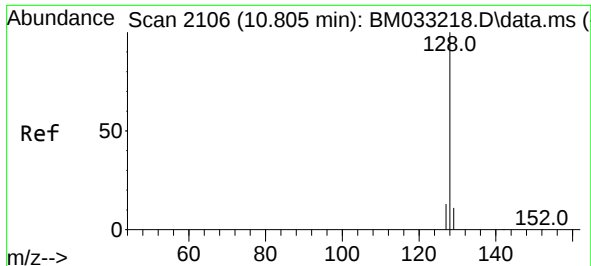
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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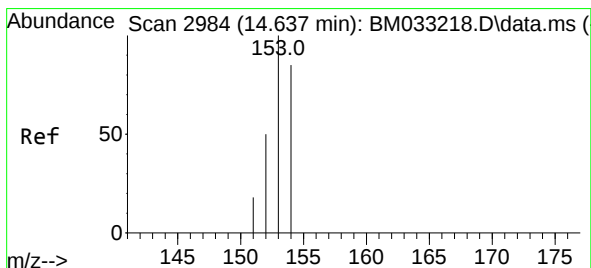
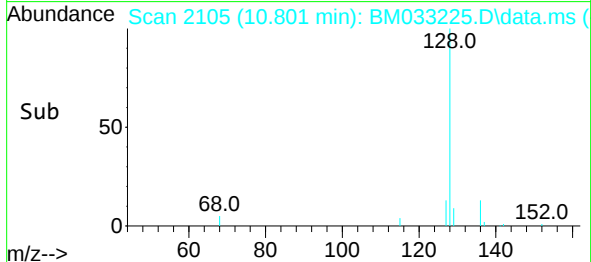
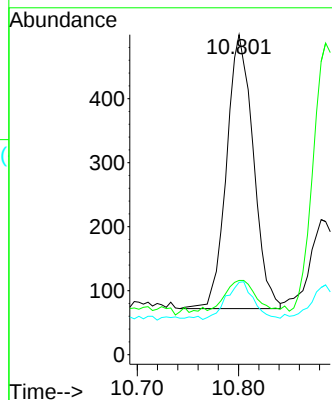
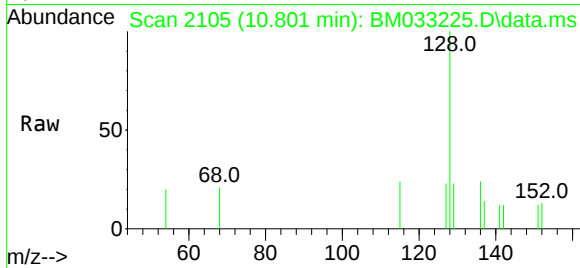




#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.801 min Scan# 2105
Delta R.T. -0.009 min
Lab File: BM033225.D
Acq: 22 Nov 2021 20:49

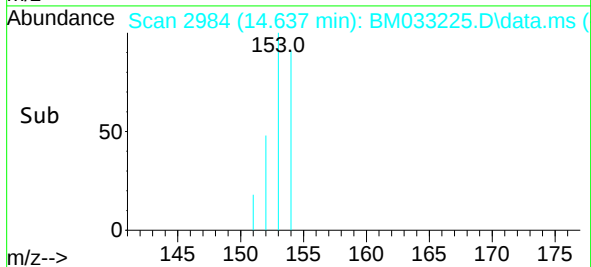
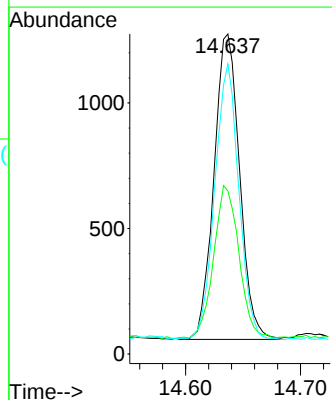
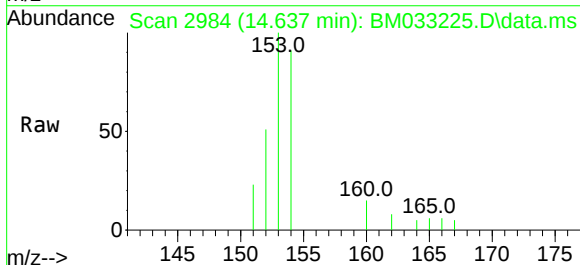
Instrument :
BNA_M
ClientSampleId :
F4L04

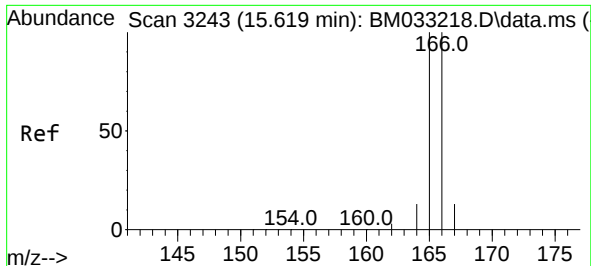
Tgt Ion:128 Resp: 783
Ion Ratio Lower Upper
128 100
129 23.2 9.8 14.6#
127 22.6 11.8 17.8#



#11
Acenaphthene
Concen: 0.114 ng/ul
RT: 14.637 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033225.D
Acq: 22 Nov 2021 20:49

Tgt Ion:153 Resp: 1885
Ion Ratio Lower Upper
153 100
152 51.0 40.6 60.8
154 90.7 70.8 106.2

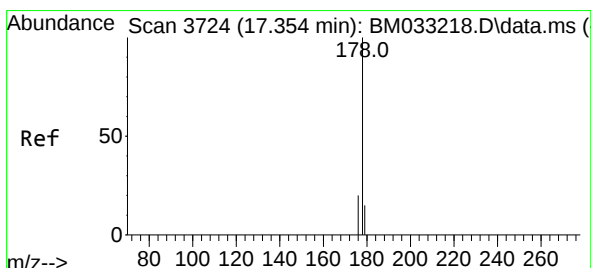
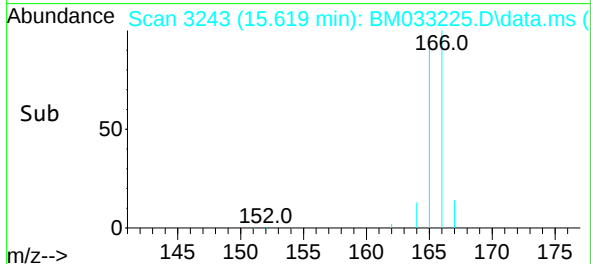
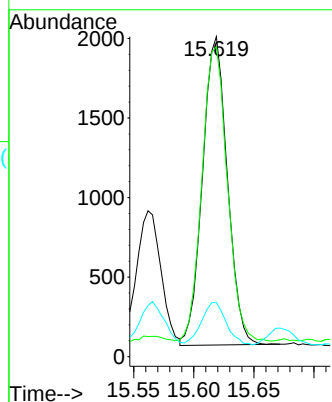
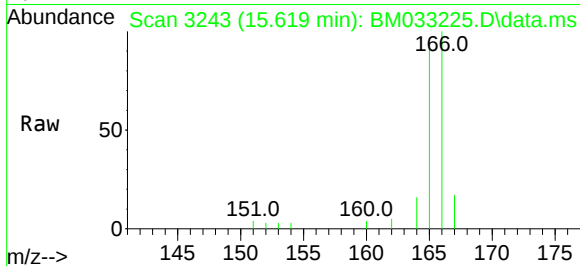




#12
Fluorene
Concen: 0.149 ng/ul
RT: 15.619 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033225.D
Acq: 22 Nov 2021 20:49

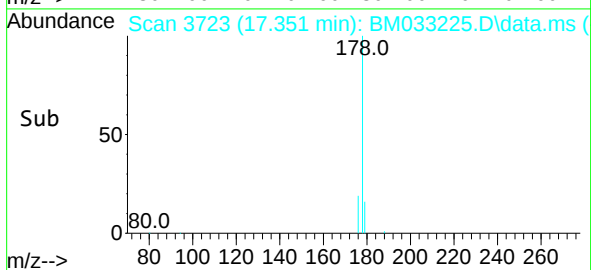
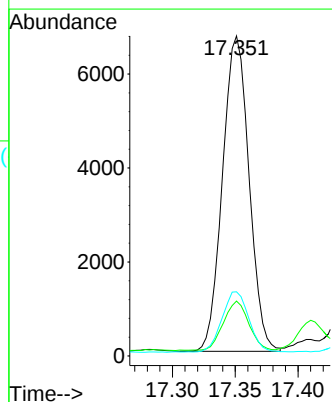
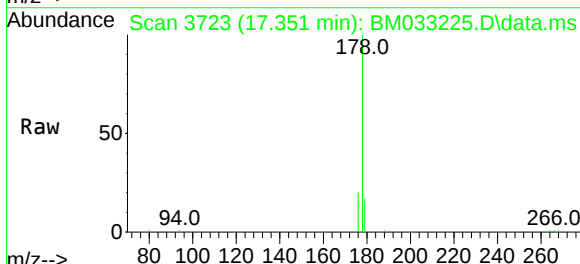
Instrument :
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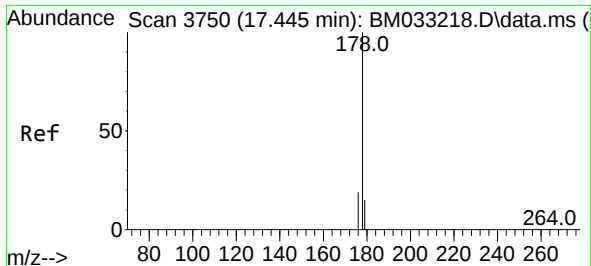
Tgt Ion:166 Resp: 2790
Ion Ratio Lower Upper
166 100
165 96.9 80.8 121.2
167 17.0 11.7 17.5



#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.351 min Scan# 3723
Delta R.T. -0.007 min
Lab File: BM033225.D
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Tgt Ion:178 Resp: 9875
Ion Ratio Lower Upper
178 100
179 17.1 12.9 19.3
176 20.0 16.0 24.0

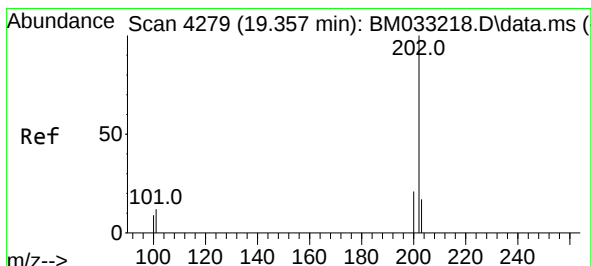
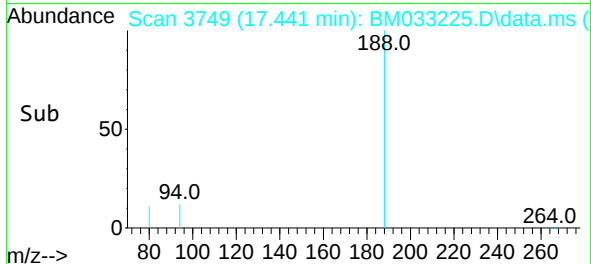
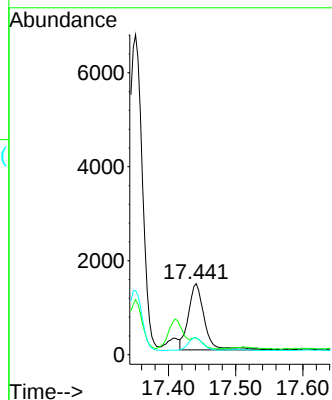
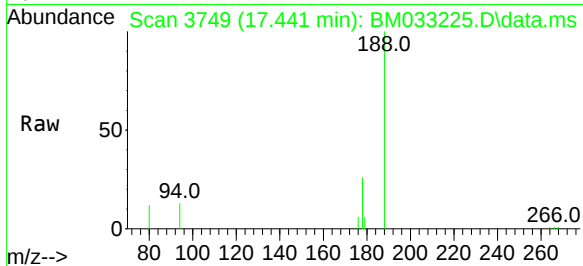




#16
 Anthracene
 Concen: 0.083 ng/u1
 RT: 17.441 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BM033225.D
 Acq: 22 Nov 2021 20:49

Instrument :
 BNA_M
 ClientSampleId :
 F4L04

Tgt Ion:178 Resp: 2328
 Ion Ratio Lower Upper
 178 100
 179 23.1 13.0 19.6#
 176 23.9 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.027 ng/u1
 RT: 19.357 min Scan# 4279
 Delta R.T. -0.004 min
 Lab File: BM033225.D
 Acq: 22 Nov 2021 20:49

Tgt Ion:202 Resp: 1298
 Ion Ratio Lower Upper
 202 100
 101 22.5 9.9 14.9#
 100 79.5 7.3 10.9#

