

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020823\
 Data File : BM038720.D
 Acq On : 08 Feb 2023 14:50
 Operator : CG/JU
 Sample : 01422-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B46

Quant Time: Feb 08 23:57:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 14:57:50 2023
 Response via : Initial Calibration

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

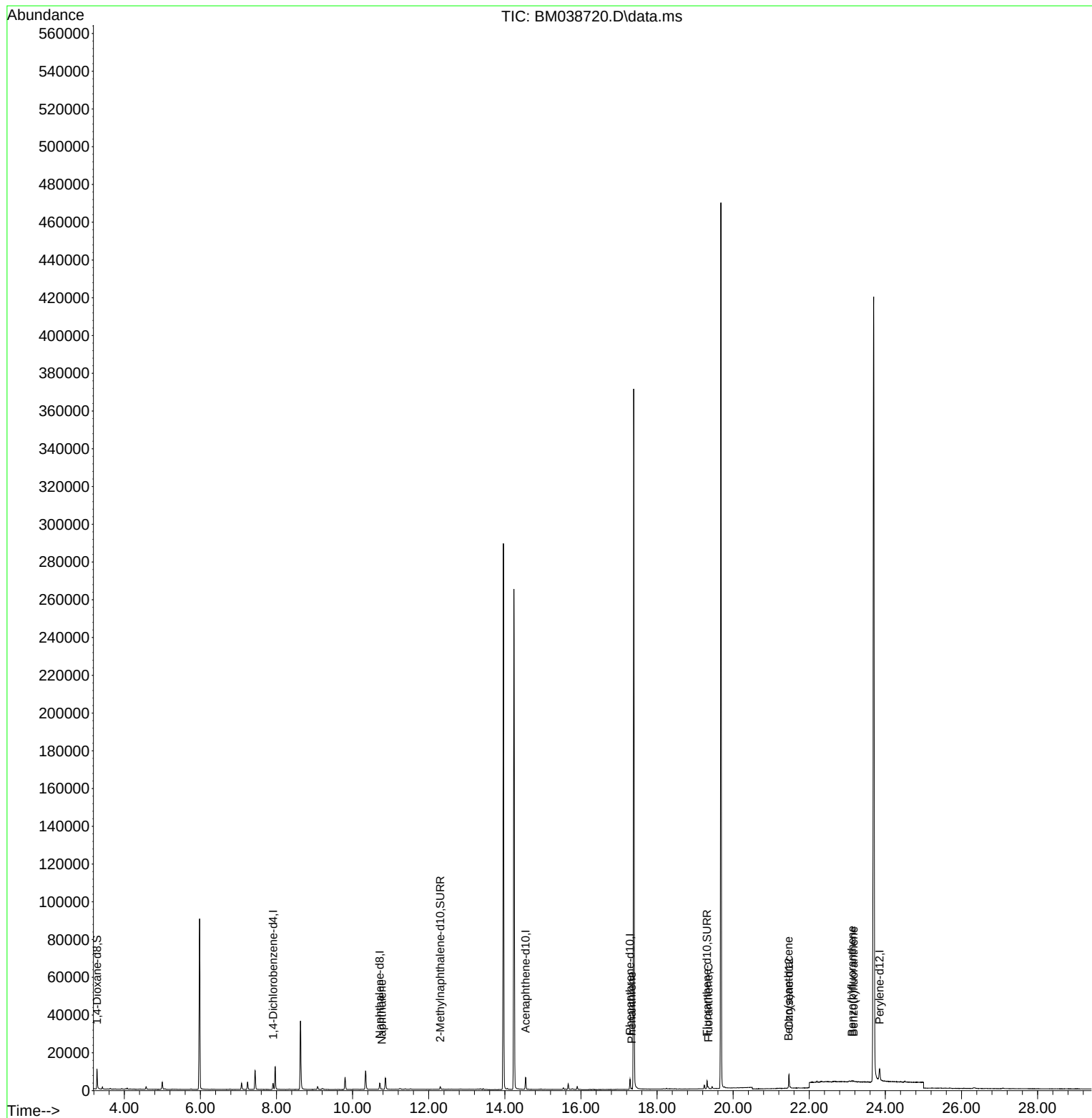
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	4684	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.546	164	3412	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	6755	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.466	240	7070	0.400	ng/ul	# 0.00
23) Perylene-d12	23.848	264	9042	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	6849	3.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	1885	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	4853	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.768	128	241	0.021	ng/ul#	47
15) Phenanthrene	17.333	178	626	0.031	ng/ul#	70
19) Fluoranthene	19.348	202	873	0.031	ng/ul#	68
21) Benzo(a)anthracene	21.451	228	527	0.022	ng/ul#	37
24) Benzo(b)fluoranthene	23.123	252	947	0.029	ng/ul#	1
25) Benzo(k)fluoranthene	23.167	252	706	0.022	ng/ul#	1

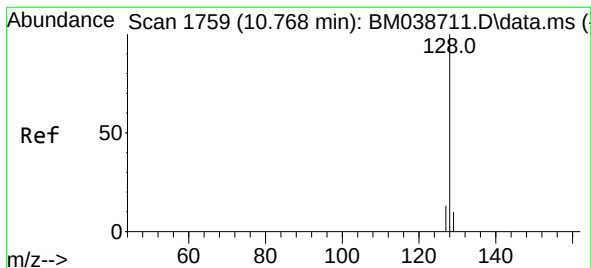
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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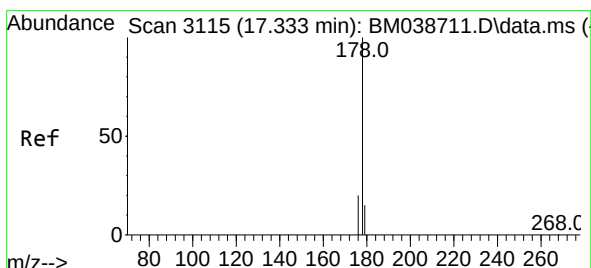
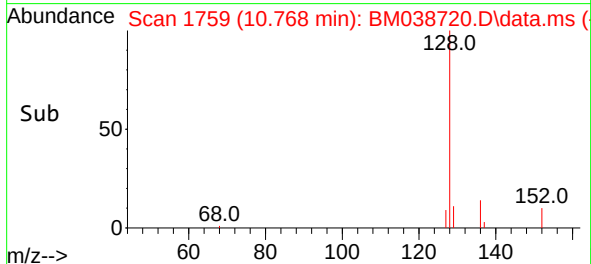
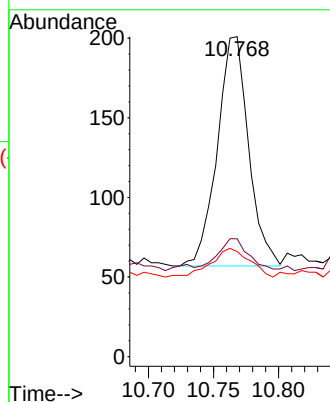
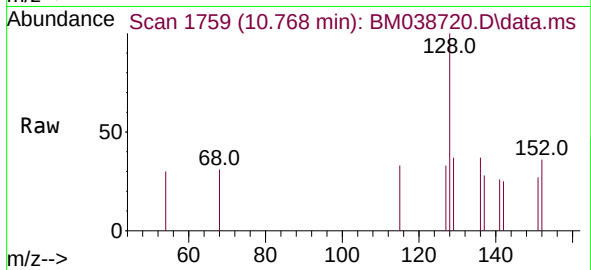




#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM038720.D
Acq: 08 Feb 2023 14:50

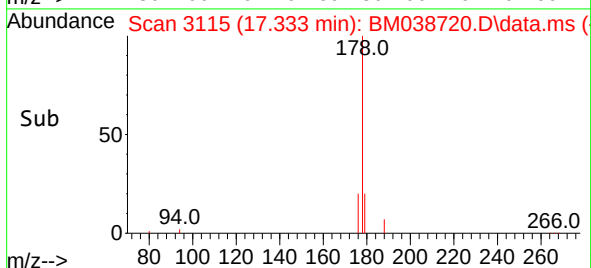
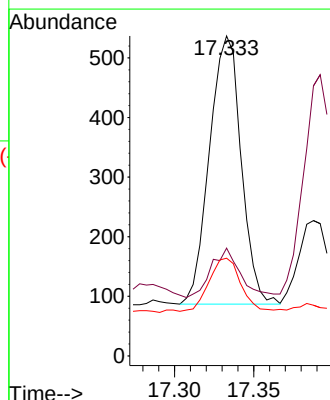
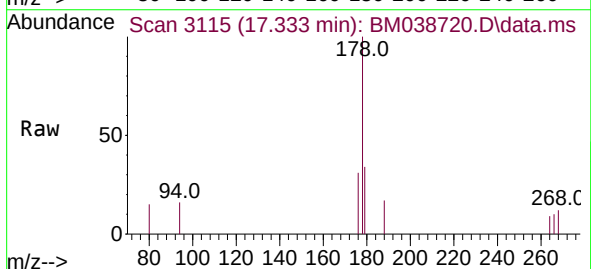
Instrument :
BNA_M
ClientSampleId :
C0B46

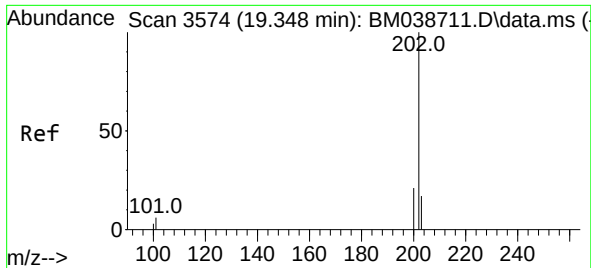
Tgt Ion:128 Resp: 241
Ion Ratio Lower Upper
128 100
129 36.8 10.2 15.4#
127 32.8 11.2 16.8#



#15
Phenanthrene
Concen: 0.031 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM038720.D
Acq: 08 Feb 2023 14:50

Tgt Ion:178 Resp: 626
Ion Ratio Lower Upper
178 100
179 33.7 13.0 19.6#
176 30.5 16.5 24.7#

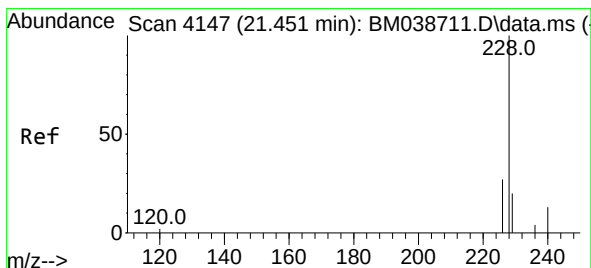
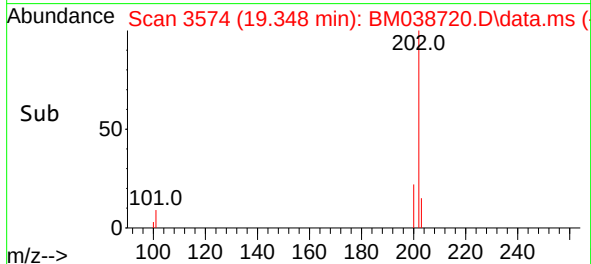
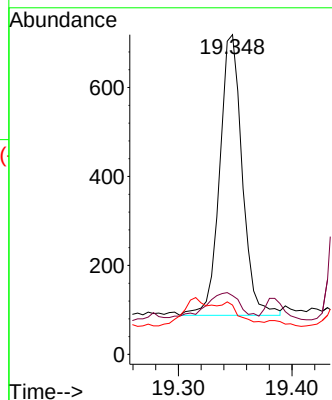
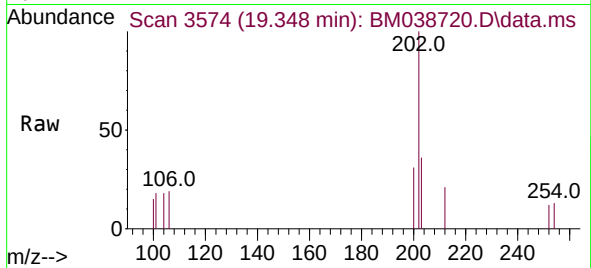




#19
Fluoranthene
Concen: 0.031 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BM038720.D
Acq: 08 Feb 2023 14:50

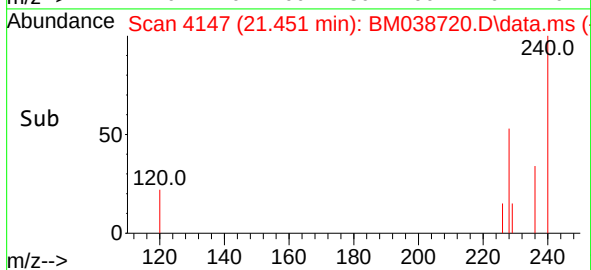
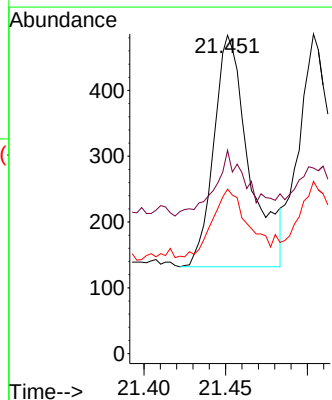
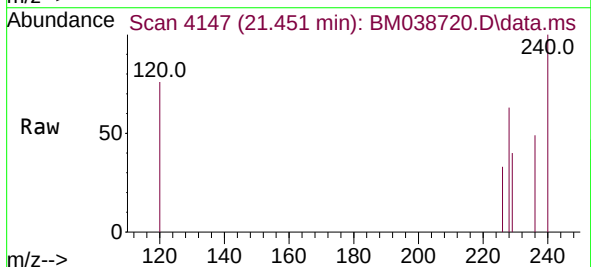
Instrument :
BNA_M
ClientSampleId :
C0B46

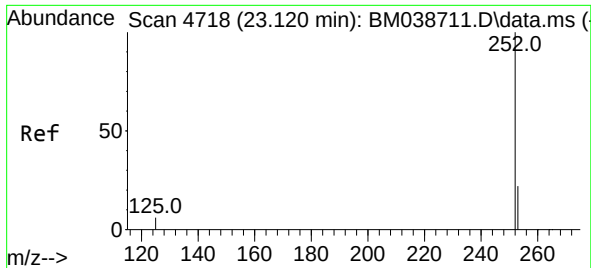
Tgt Ion:202 Resp: 873
Ion Ratio Lower Upper
202 100
101 18.4 5.0 7.6#
100 15.4 4.6 6.8#



#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.451 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BM038720.D
Acq: 08 Feb 2023 14:50

Tgt Ion:228 Resp: 527
Ion Ratio Lower Upper
228 100
229 63.8 17.0 25.6#
226 51.7 23.0 34.6#

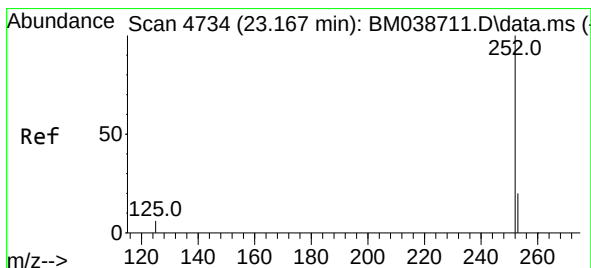
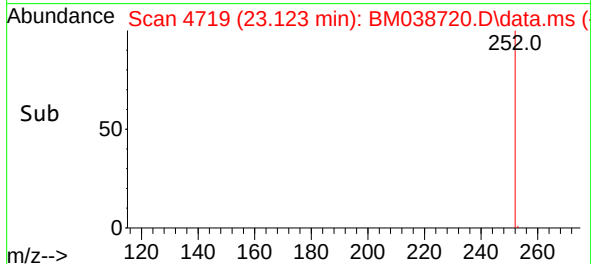
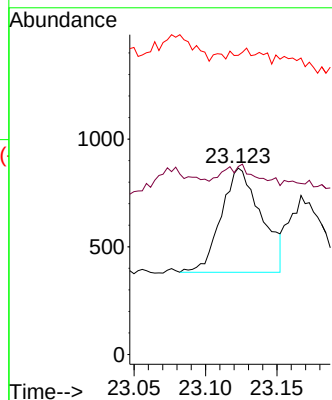
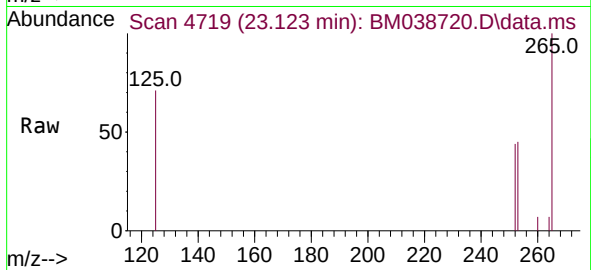




#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM038720.D
Acq: 08 Feb 2023 14:50

Instrument :
BNA_M
ClientSampleId :
C0B46

Tgt Ion:252 Resp: 947
Ion Ratio Lower Upper
252 100
253 100.9 0.0 56.4#
125 160.6 0.0 22.8#



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul
RT: 23.167 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM038720.D
Acq: 08 Feb 2023 14:50

Tgt Ion:252 Resp: 706
Ion Ratio Lower Upper
252 100
253 107.6 23.0 34.6#
125 186.4 9.4 14.0#

