

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041782.D
 Acq On : 11 Sep 2023 17:04
 Operator : MA/JU
 Sample : 04247-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ81

Quant Time: Sep 12 04:26:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

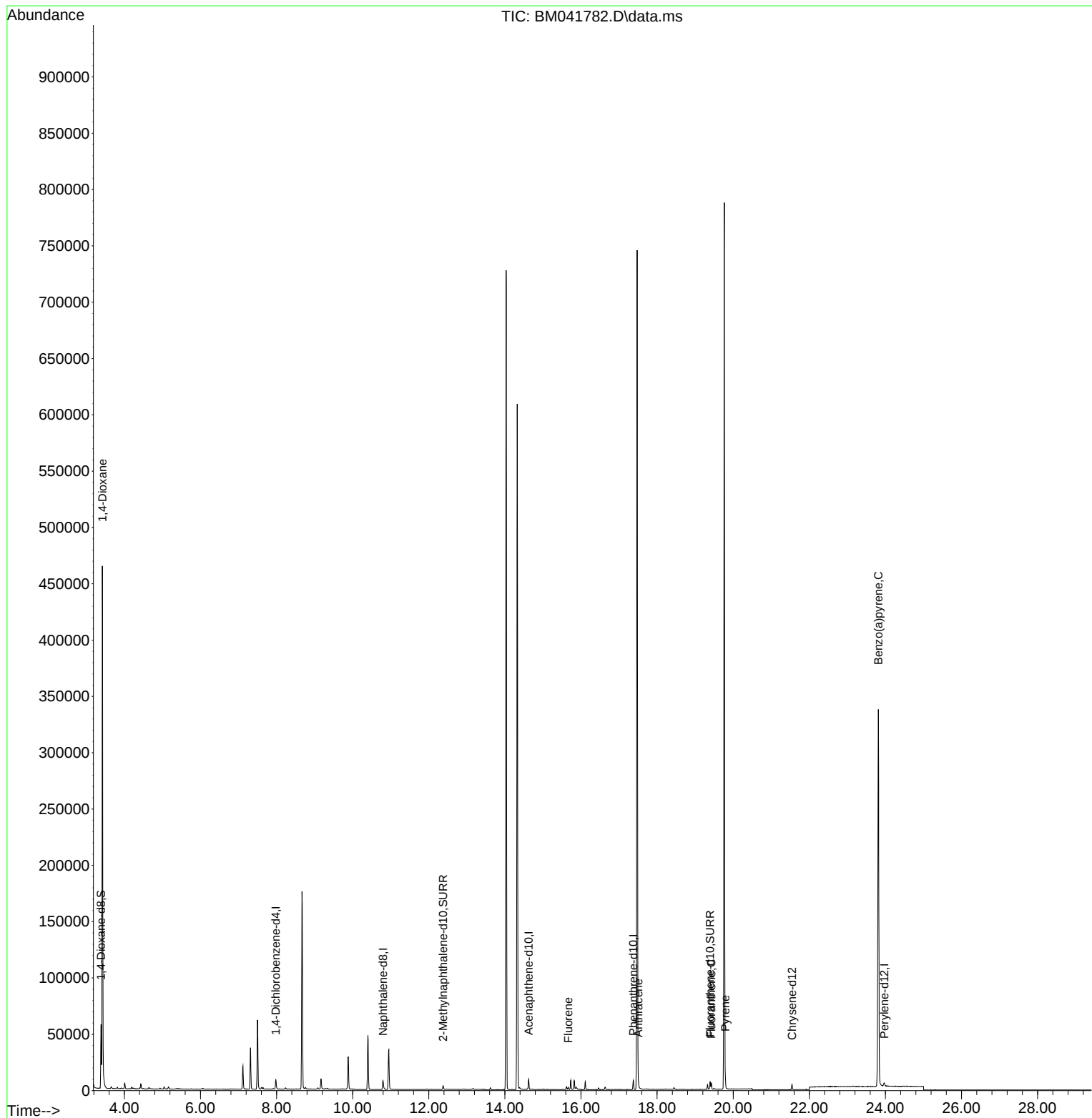
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	4165	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	9755	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	4360	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	8277	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	3392	0.400	ng/ul	0.00
23) Perylene-d12	23.968	264	3990	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	28478	4.474	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.379	152	3808	0.303	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	5360	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	261117	39.489	ng/ul#	85
12) Fluorene	15.665	166	1050	0.045	ng/ul#	1
16) Anthracene	17.510	178	2437	0.081	ng/ul#	85
19) Fluoranthene	19.427	202	4415	0.110	ng/ul#	92
20) Pyrene	19.794	202	8186	0.206	ng/ul#	92
26) Benzo(a)pyrene	23.813	252	3325	0.115	ng/ul#	52

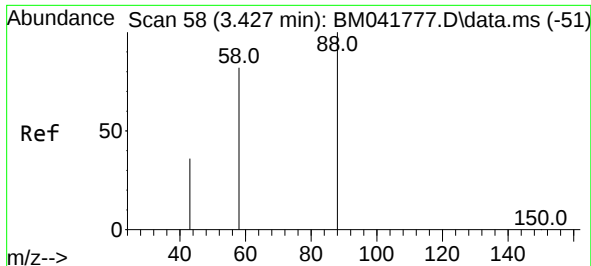
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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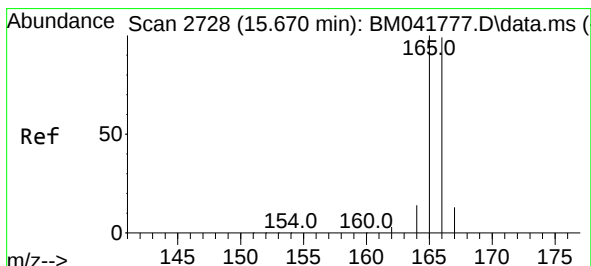
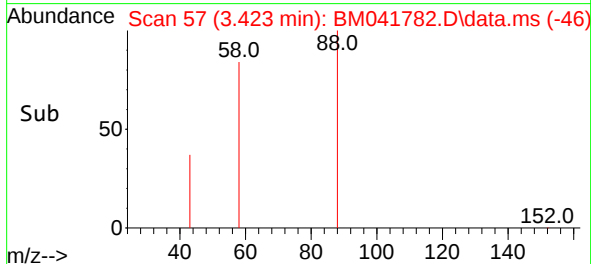
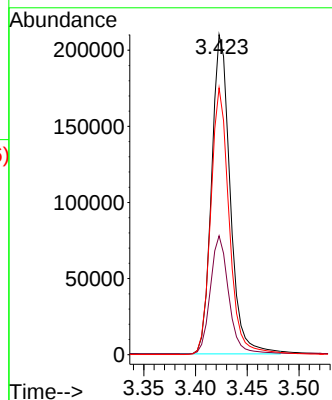
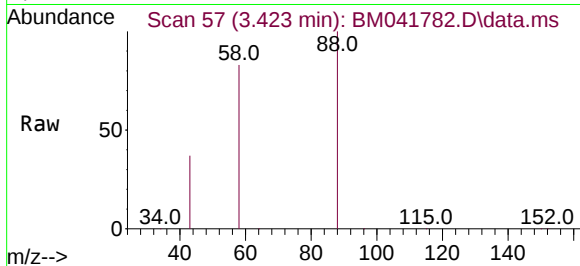




#2
1,4-Dioxane
Concen: 39.489 ng/ul
RT: 3.423 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM041782.D
Acq: 11 Sep 2023 17:04

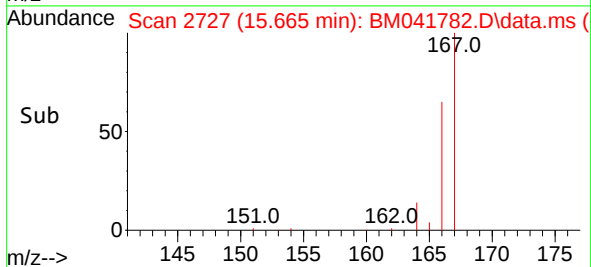
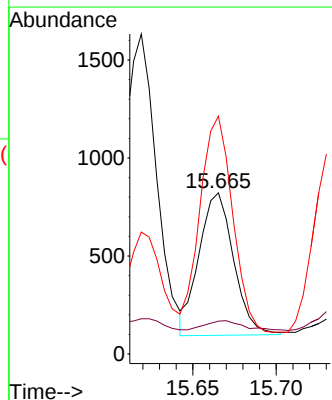
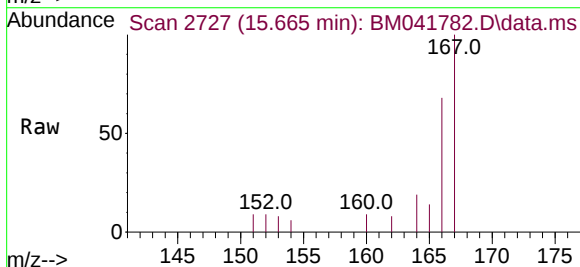
Instrument :
BNA_M
ClientSampleId :
BBJ81

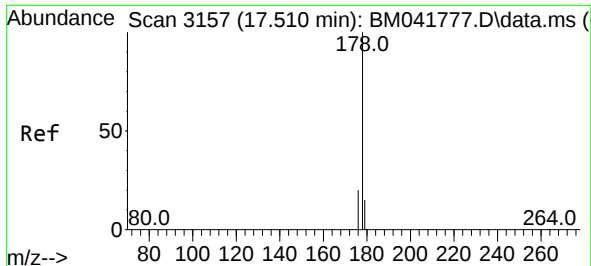
Tgt Ion: 88 Resp: 261117
Ion Ratio Lower Upper
88 100
43 37.1 33.8 50.6
58 83.4 54.2 81.2#



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.665 min Scan# 2727
Delta R.T. -0.014 min
Lab File: BM041782.D
Acq: 11 Sep 2023 17:04

Tgt Ion: 166 Resp: 1050
Ion Ratio Lower Upper
166 100
165 20.3 79.4 119.2#
167 147.6 11.3 16.9#

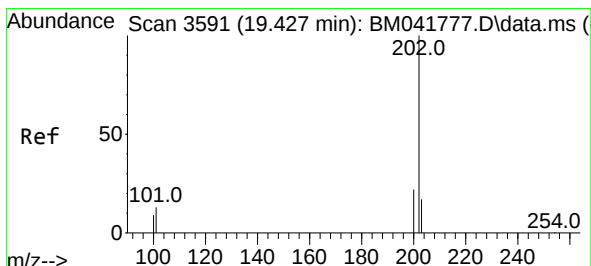
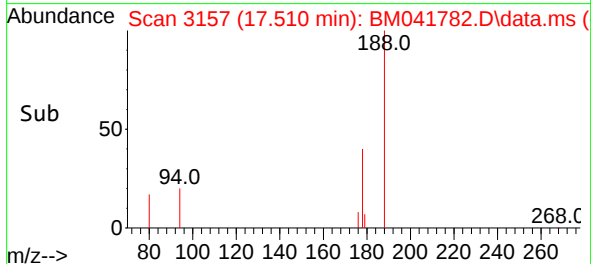
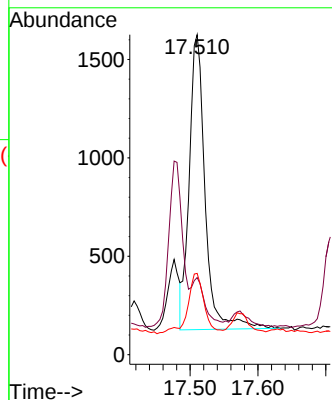
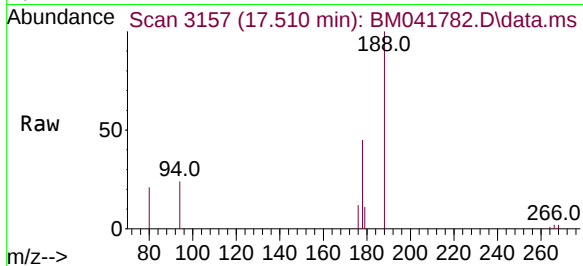




#16
 Anthracene
 Concen: 0.081 ng/ul
 RT: 17.510 min Scan# 3157
 Delta R.T. -0.004 min
 Lab File: BM041782.D
 Acq: 11 Sep 2023 17:04

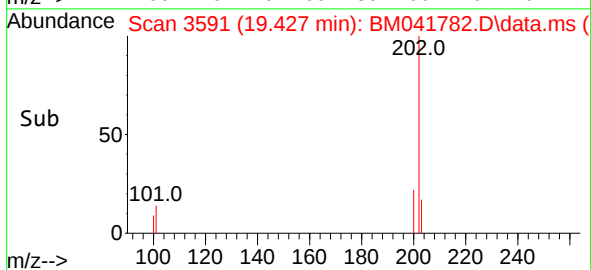
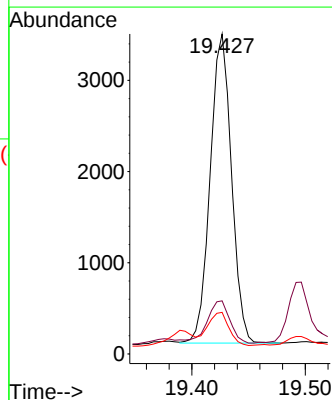
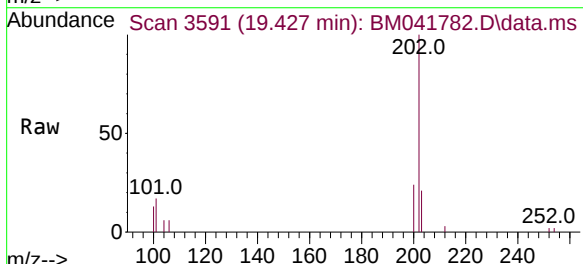
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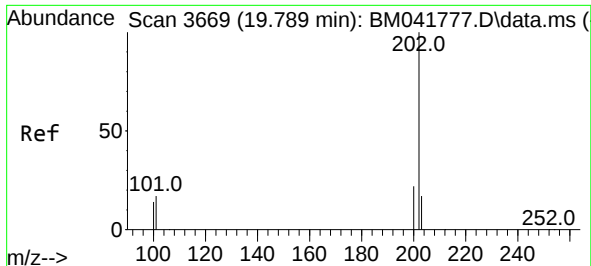
Tgt Ion:178 Resp: 2437
 Ion Ratio Lower Upper
 178 100
 179 24.1 12.9 19.3#
 176 25.4 15.8 23.8#



#19
 Fluoranthene
 Concen: 0.110 ng/ul
 RT: 19.427 min Scan# 3591
 Delta R.T. -0.005 min
 Lab File: BM041782.D
 Acq: 11 Sep 2023 17:04

Tgt Ion:202 Resp: 4415
 Ion Ratio Lower Upper
 202 100
 101 16.6 10.5 15.7#
 100 13.0 8.4 12.6#

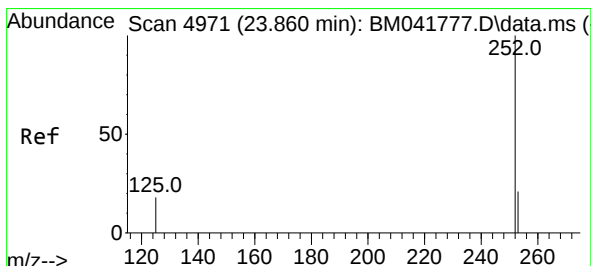
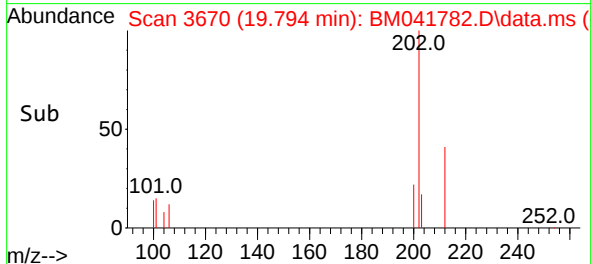
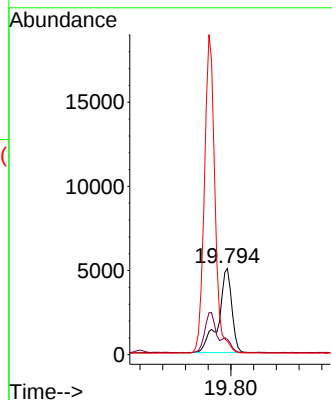
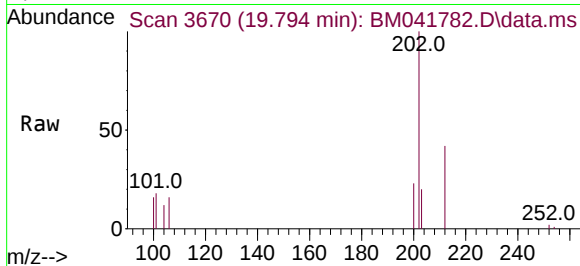




#20
Pyrene
Concen: 0.206 ng/u1
RT: 19.794 min Scan# 3670
Delta R.T. -0.005 min
Lab File: BM041782.D
Acq: 11 Sep 2023 17:04

Instrument :
BNA_M
ClientSampleId :
BBJ81

Tgt Ion:202 Resp: 8186
Ion Ratio Lower Upper
202 100
101 17.8 11.8 17.8
100 15.6 9.8 14.6#



#26
Benzo(a)pyrene
Concen: 0.115 ng/u1
RT: 23.813 min Scan# 4955
Delta R.T. -0.050 min
Lab File: BM041782.D
Acq: 11 Sep 2023 17:04

Tgt Ion:252 Resp: 3325
Ion Ratio Lower Upper
252 100
253 49.5 22.4 33.6#
125 54.2 21.0 31.4#

