

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
 Data File : BG051327.D
 Acq On : 3 Dec 2021 13:16
 Operator : CG/JU
 Sample : M4833-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQM2

Quant Time: Dec 03 13:51:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

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

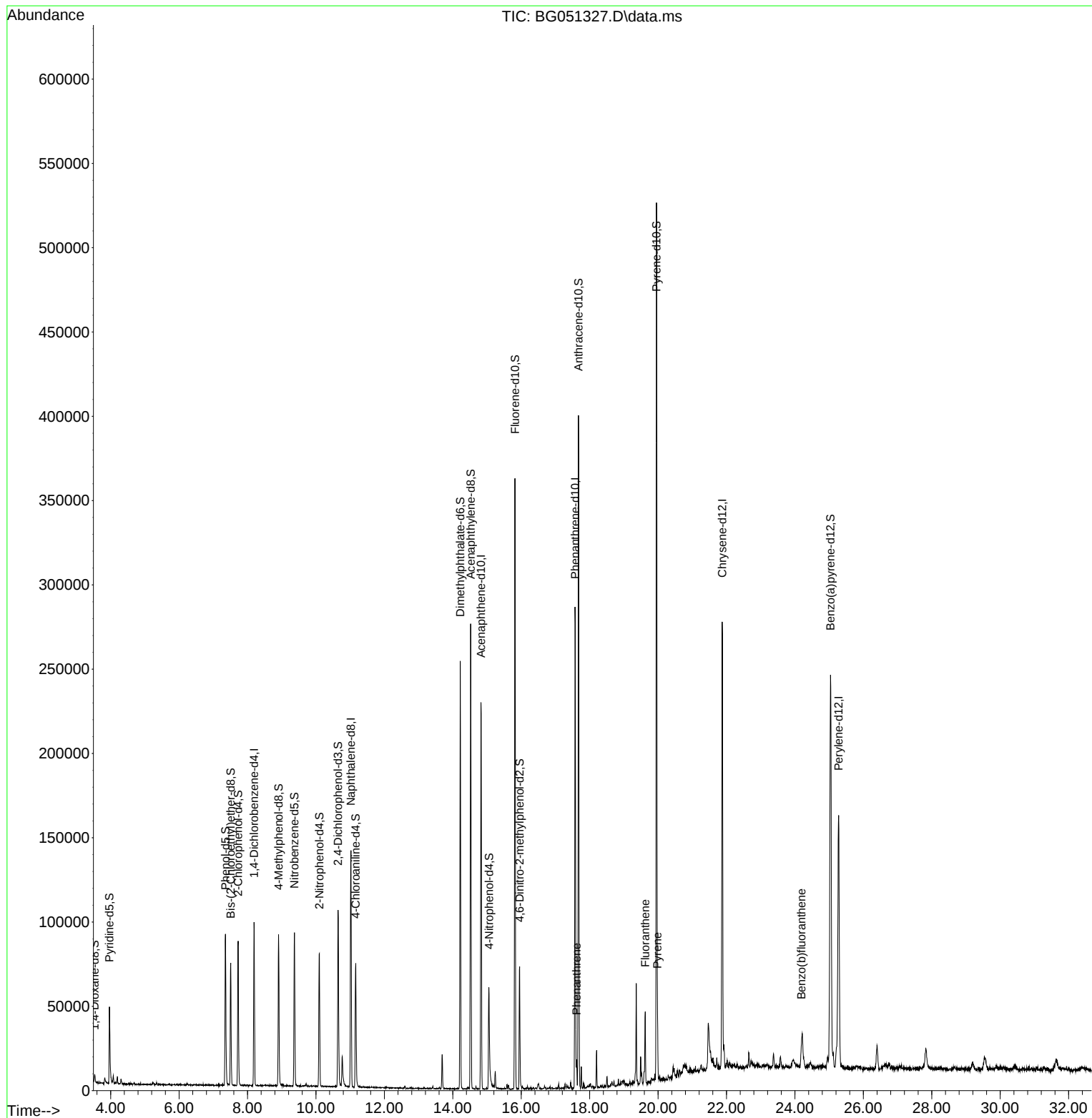
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.190	152	27628	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.022	136	122806	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.824	164	83207	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.579	188	177449	20.000	ng/ul	0.00
79) Chrysene-d12	21.874	240	162025	20.000	ng/ul	0.00
88) Perylene-d12	25.276	264	159978	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	2703	3.400	ng/uL	-0.01
4) Pyridine-d5	3.966	84	29720	12.739	ng/ul	-0.01
7) Phenol-d5	7.356	99	56928	20.848	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.509	67	37371	21.792	ng/ul	0.00
11) 2-Chlorophenol-d4	7.726	132	41086	20.895	ng/ul	0.00
15) 4-Methylphenol-d8	8.907	113	36351	16.497	ng/ul	0.00
21) Nitrobenzene-d5	9.371	128	22694	21.891	ng/ul	0.00
24) 2-Nitrophenol-d4	10.100	143	26660	22.798	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	41542	20.938	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	43768	15.076	ng/ul	0.00
46) Dimethylphthalate-d6	14.219	166	168099	26.256	ng/ul	0.00
49) Acenaphthylene-d8	14.524	160	199654	24.730	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	21512	20.758	ng/ul	0.01
60) Fluorene-d10	15.817	176	147008	25.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	17757	16.217	ng/ul	0.00
73) Anthracene-d10	17.673	188	236925	27.917	ng/ul	0.00
81) Pyrene-d10	19.953	212	290046	29.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.041	264	249881	29.247	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.621	178	10433	1.065	ng/ul	99
80) Fluoranthene	19.624	202	26718	2.219	ng/ul	97
82) Pyrene	19.982	202	20550	1.745	ng/ul#	95
90) Benzo(b)fluoranthene	24.189	252	14535	1.346	ng/ul	96

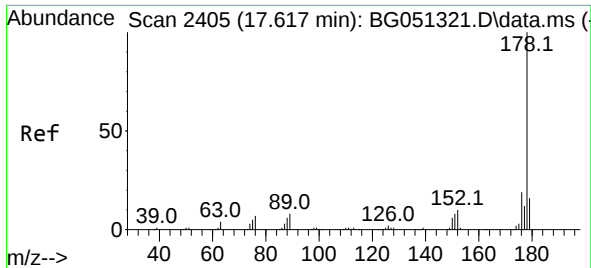
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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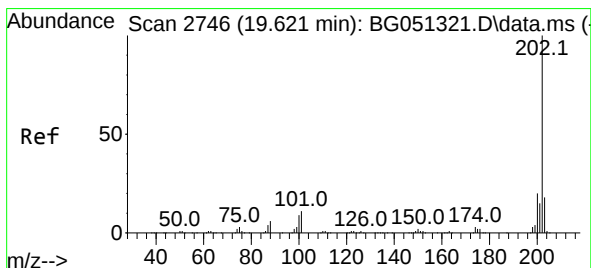
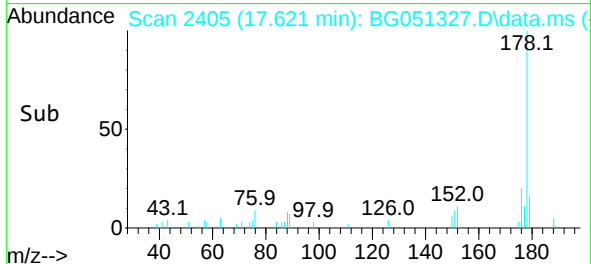
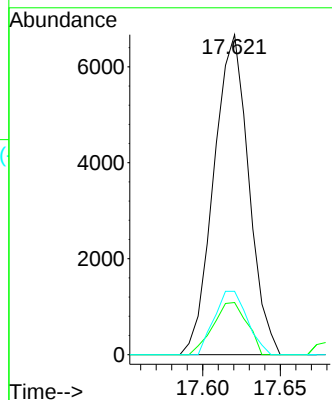
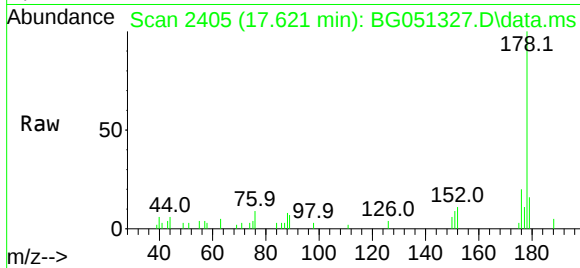




#72
Phenanthrene
Concen: 1.065 ng/ul
RT: 17.621 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG051327.D
Acq: 3 Dec 2021 13:16

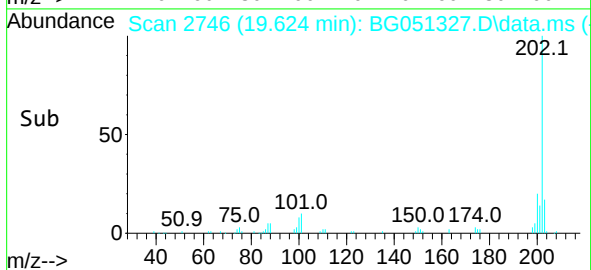
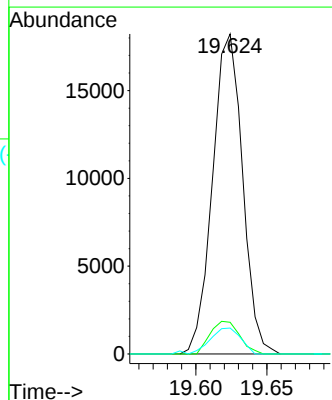
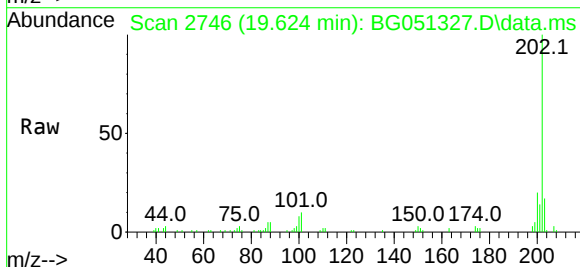
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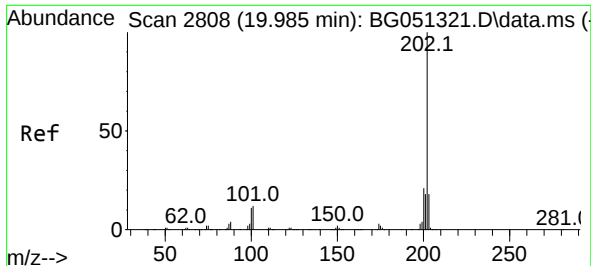
Tgt Ion:178 Resp: 10433
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 19.8 15.5 23.3



#80
Fluoranthene
Concen: 2.219 ng/ul
RT: 19.624 min Scan# 2746
Delta R.T. -0.001 min
Lab File: BG051327.D
Acq: 3 Dec 2021 13:16

Tgt Ion:202 Resp: 26718
Ion Ratio Lower Upper
202 100
101 9.9 9.3 13.9
100 8.1 7.0 10.6

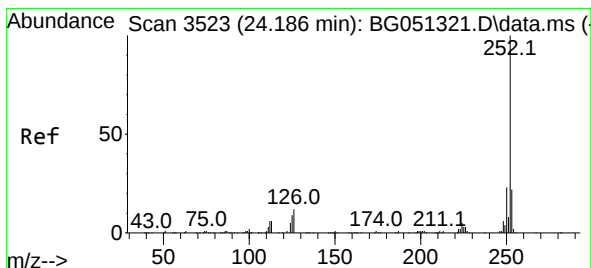
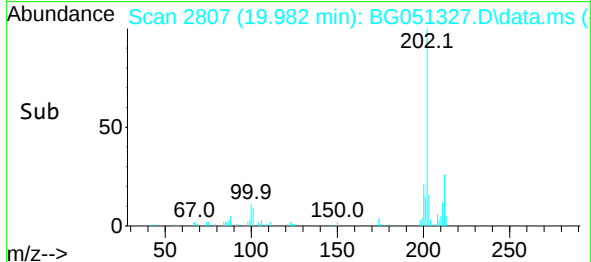
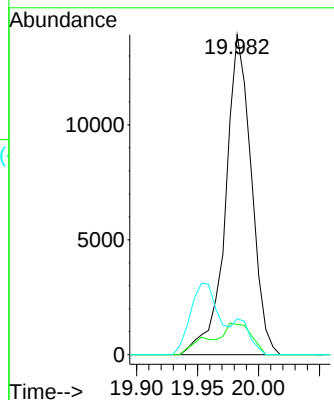
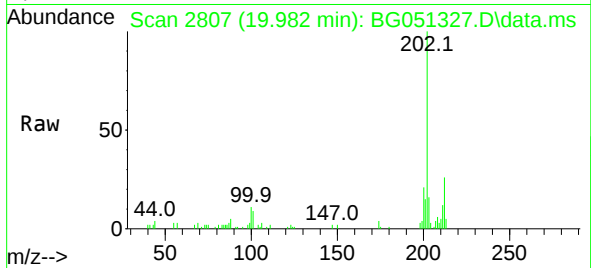




#82
 Pyrene
 Concen: 1.745 ng/ul
 RT: 19.982 min Scan# 2807
 Delta R.T. -0.007 min
 Lab File: BG051327.D
 Acq: 3 Dec 2021 13:16

Instrument :
 BNA_G
 ClientSampleId :
 ESQM2

Tgt Ion:202 Resp: 20550
 Ion Ratio Lower Upper
 202 100
 101 9.4 10.7 16.1#
 100 11.3 9.0 13.6



#90
 Benzo(b)fluoranthene
 Concen: 1.346 ng/ul
 RT: 24.189 min Scan# 3523
 Delta R.T. -0.001 min
 Lab File: BG051327.D
 Acq: 3 Dec 2021 13:16

Tgt Ion:252 Resp: 14535
 Ion Ratio Lower Upper
 252 100
 253 20.2 17.8 26.6
 125 11.6 8.5 12.7

