

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061744.D
 Acq On : 27 Jun 2024 18:23
 Operator : MA/JU
 Sample : P2934-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4B56

Quant Time: Jun 27 22:49:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

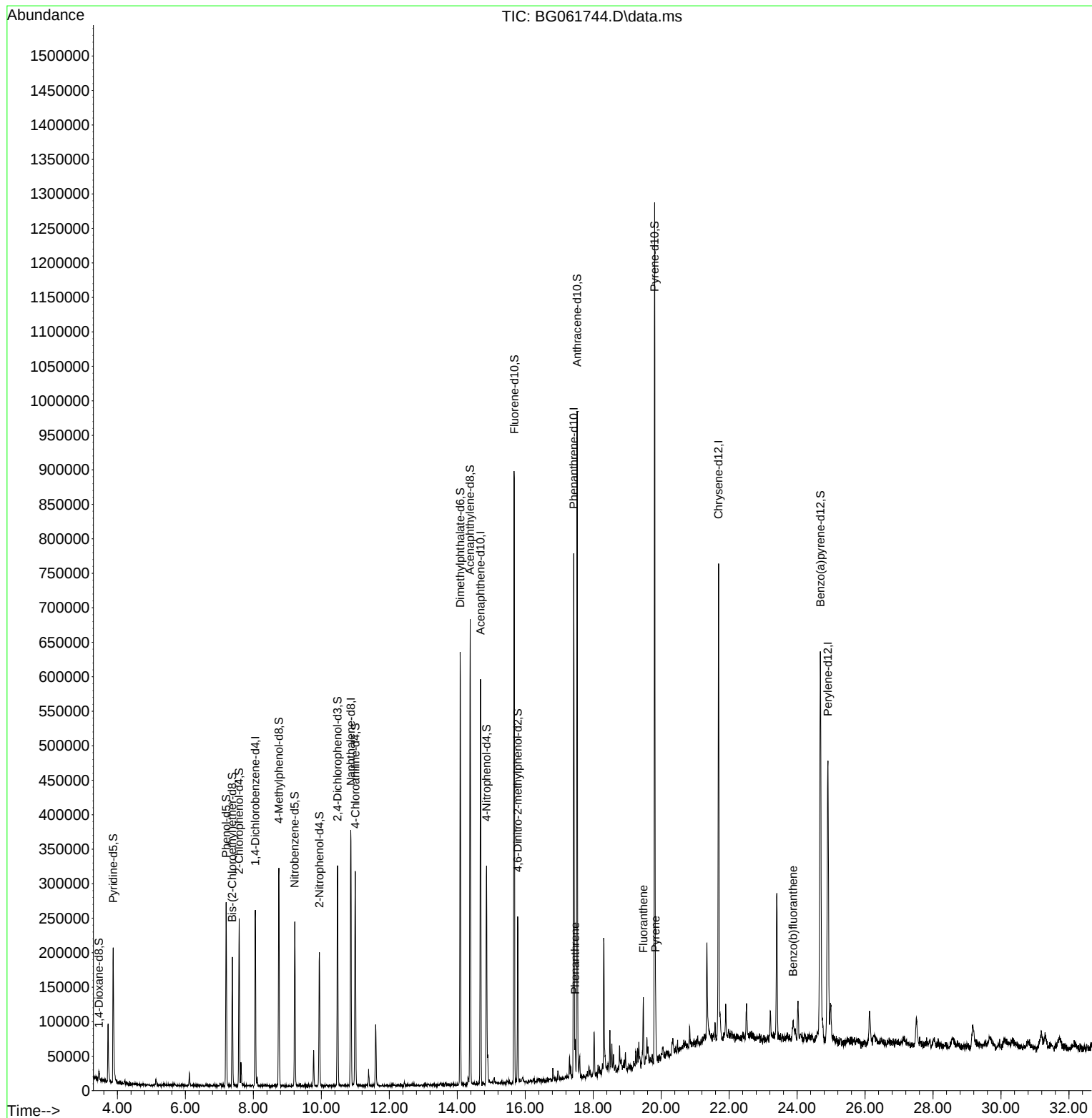
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	62282	20.000	ng/u1	0.00
20) Naphthalene-d8	10.866	136	292605	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.685	164	193021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.429	188	458757	20.000	ng/u1	0.00
79) Chrysene-d12	21.689	240	374942	20.000	ng/u1	0.00
88) Perylene-d12	24.909	264	419266	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	7407	4.296	ng/uL	0.00
4) Pyridine-d5	3.875	84	105602	20.259	ng/u1	0.00
7) Phenol-d5	7.200	99	136735	20.223	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.376	67	87947	20.866	ng/u1	0.00
11) 2-Chlorophenol-d4	7.582	132	95971	20.684	ng/u1	0.00
15) 4-Methylphenol-d8	8.751	113	112166	21.459	ng/u1	0.00
21) Nitrobenzene-d5	9.215	128	46704	23.507	ng/u1	0.00
24) 2-Nitrophenol-d4	9.944	143	51926	25.805	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	106549	22.362	ng/u1	0.00
31) 4-Chloroaniline-d4	11.001	131	154557	21.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.086	166	393350	26.482	ng/u1	0.00
49) Acenaphthylene-d8	14.380	160	433956	26.658	ng/u1	0.00
54) 4-Nitrophenol-d4	14.862	143	58468	22.920	ng/u1	0.00
60) Fluorene-d10	15.678	176	359609	27.654	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.778	200	42841	21.839	ng/u1	0.00
73) Anthracene-d10	17.529	188	560028	26.744	ng/u1	0.00
81) Pyrene-d10	19.809	212	660390	31.532	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.685	264	561931	28.062	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.470	178	30046	1.245	ng/u1	93
80) Fluoranthene	19.474	202	53230	2.190	ng/u1#	96
82) Pyrene	19.838	202	49328	1.909	ng/u1#	95
90) Benzo(b)fluoranthene	23.881	252	27636	1.097	ng/u1#	83

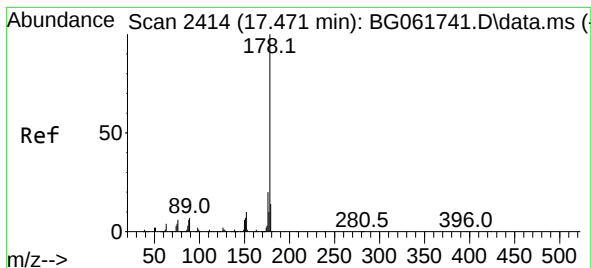
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.245 ng/ul

RT: 17.470 min Scan# 2414

Delta R.T. -0.001 min

Lab File: BG061744.D

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Instrument :

BNA_G

ClientSampleId :

A4B56

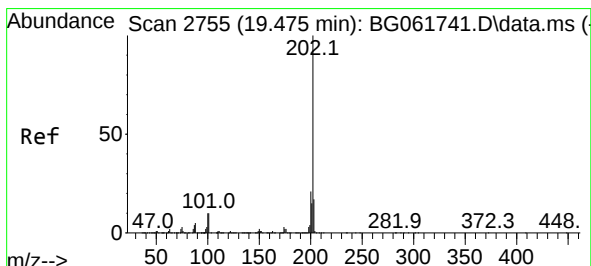
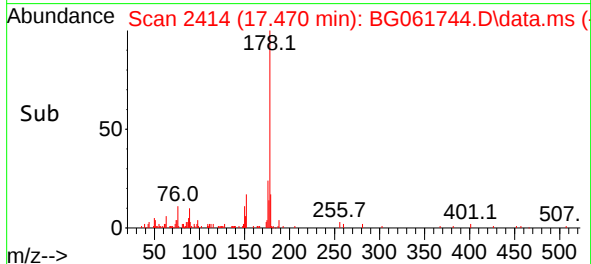
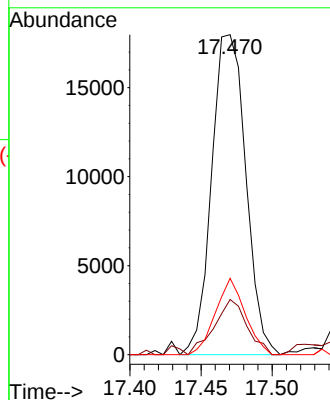
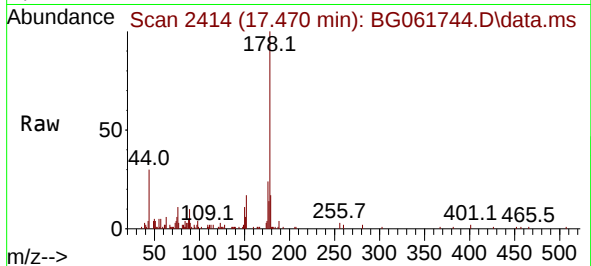
Tgt Ion:178 Resp: 30046

Ion Ratio Lower Upper

178 100

179 17.2 12.0 18.0

176 23.9 16.2 24.2



#80

Fluoranthene

Concen: 2.190 ng/ul

RT: 19.474 min Scan# 2755

Delta R.T. -0.001 min

Lab File: BG061744.D

Acq: 27 Jun 2024 18:23

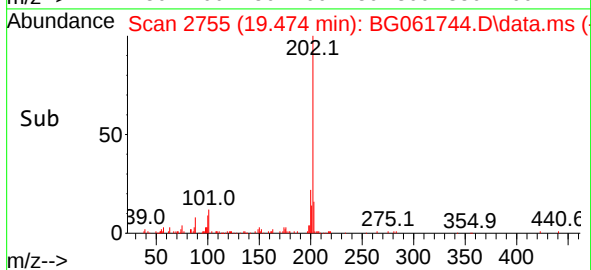
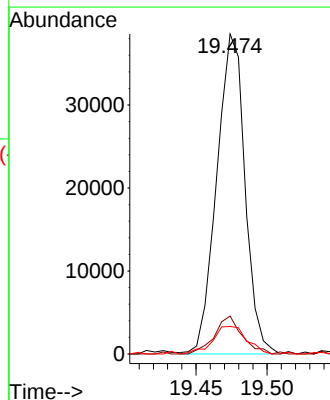
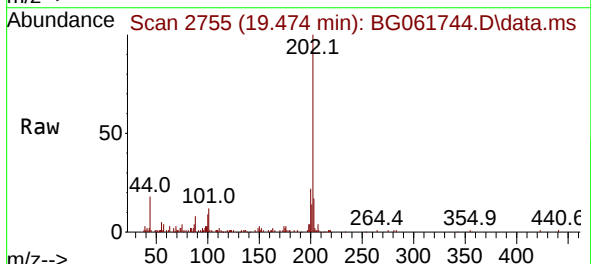
Tgt Ion:202 Resp: 53230

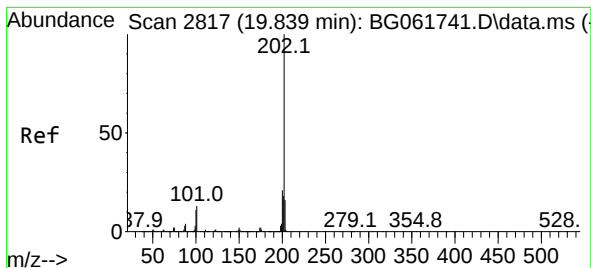
Ion Ratio Lower Upper

202 100

101 11.8 7.8 11.6#

100 8.6 7.7 11.5





#82

Pyrene

Concen: 1.909 ng/ul

RT: 19.838 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061744.D

Acq: 27 Jun 2024 18:23

Instrument :

BNA_G

ClientSampleId :

A4B56

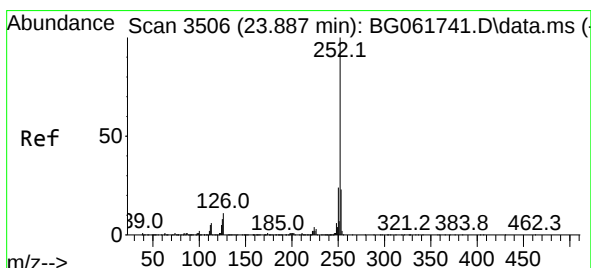
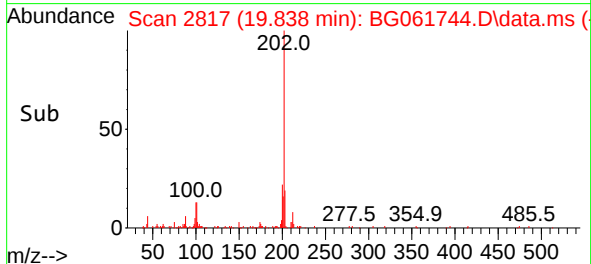
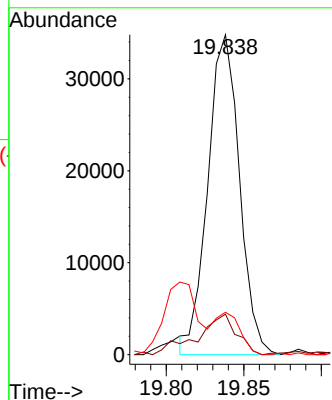
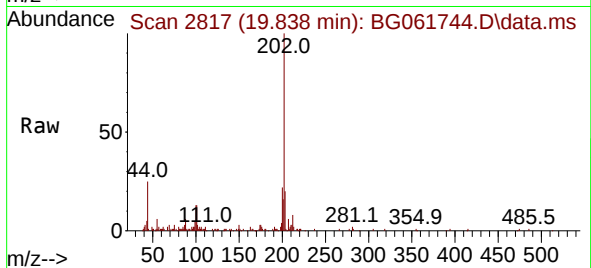
Tgt Ion:202 Resp: 49328

Ion Ratio Lower Upper

202 100

101 15.5 10.1 15.1#

100 13.3 9.9 14.9



#90

Benzo(b)fluoranthene

Concen: 1.097 ng/ul

RT: 23.881 min Scan# 3505

Delta R.T. -0.007 min

Lab File: BG061744.D

Acq: 27 Jun 2024 18:23

Tgt Ion:252 Resp: 27636

Ion Ratio Lower Upper

252 100

253 17.0 18.6 27.8#

125 18.9 7.0 10.6#

