

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061712.D
 Acq On : 25 Jun 2024 21:21
 Operator : MA/JU
 Sample : P2873-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COSJ8

Quant Time: Jun 25 23:08:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

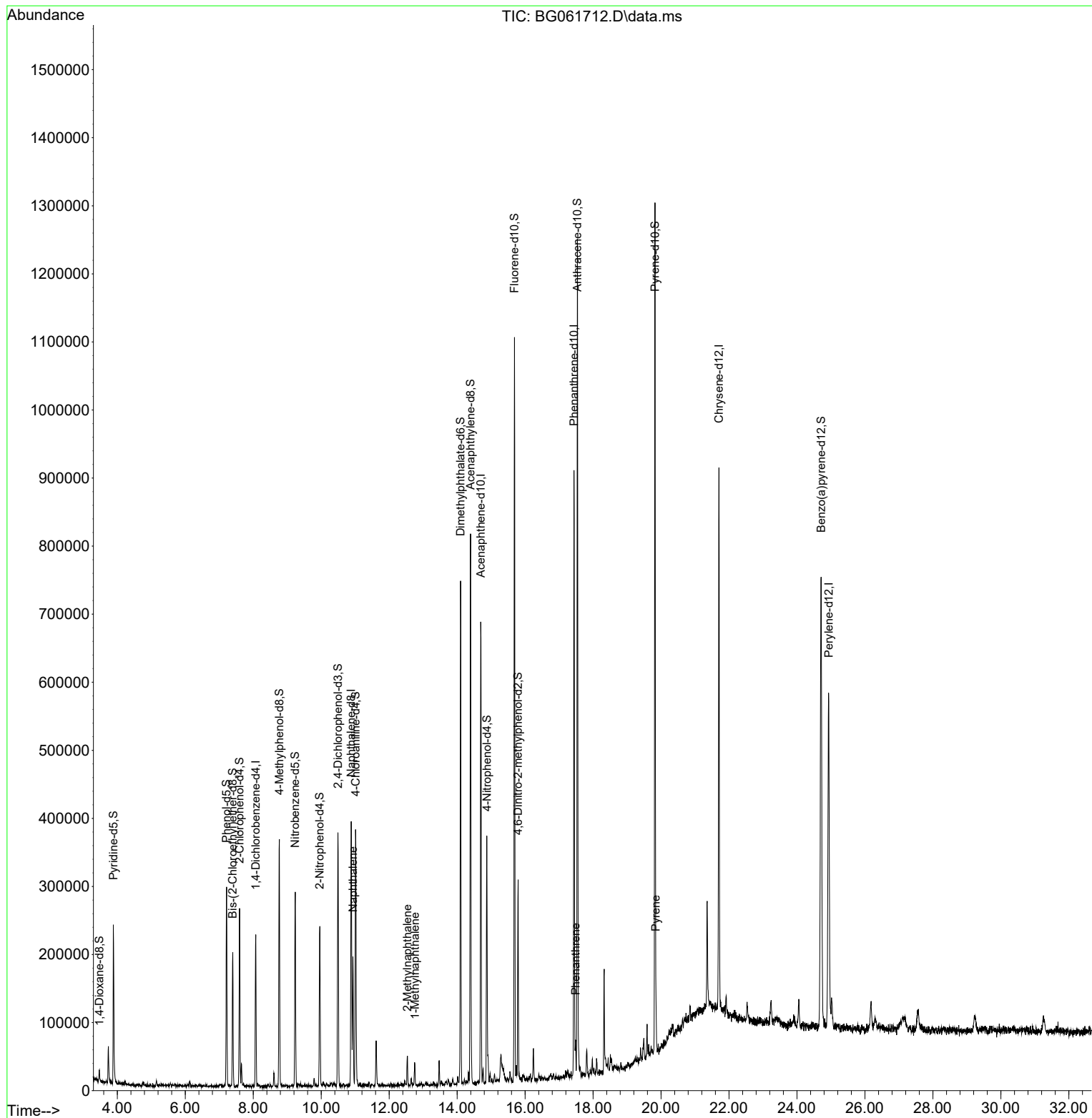
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	57403	20.000	ng/ul	0.00
20) Naphthalene-d8	10.882	136	303525	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	231160	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	530011	20.000	ng/ul	0.00
79) Chrysene-d12	21.705	240	443051	20.000	ng/ul	0.00
88) Perylene-d12	24.936	264	532086	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	7667	4.825	ng/uL	0.00
4) Pyridine-d5	3.884	84	107859	22.450	ng/ul	0.00
7) Phenol-d5	7.216	99	152121	24.411	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	91594	23.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.598	132	104280	24.385	ng/ul	0.00
15) 4-Methylphenol-d8	8.767	113	123134	25.560	ng/ul	0.00
21) Nitrobenzene-d5	9.237	128	57791	28.041	ng/ul	0.00
24) 2-Nitrophenol-d4	9.954	143	67314	32.249	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	132283	26.764	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	182030	24.326	ng/ul	0.00
46) Dimethylphthalate-d6	14.102	166	457326	25.709	ng/ul	0.00
49) Acenaphthylene-d8	14.396	160	525304	26.946	ng/ul	0.00
54) 4-Nitrophenol-d4	14.877	143	68058	22.277	ng/ul	0.00
60) Fluorene-d10	15.688	176	420955	27.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	52315	23.083	ng/ul	0.00
73) Anthracene-d10	17.539	188	662100	27.367	ng/ul	0.00
81) Pyrene-d10	19.824	212	697018	28.165	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.713	264	700869	27.579	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.935	128	140465	8.271	ng/ul	99
36) 2-Methylnaphthalene	12.539	142	20447	1.706	ng/ul	84
37) 1-Methylnaphthalene	12.756	142	14753	1.154	ng/ul#	98
72) Phenanthrene	17.486	178	33132	1.188	ng/ul	96
82) Pyrene	19.848	202	44078	1.444	ng/ul#	89

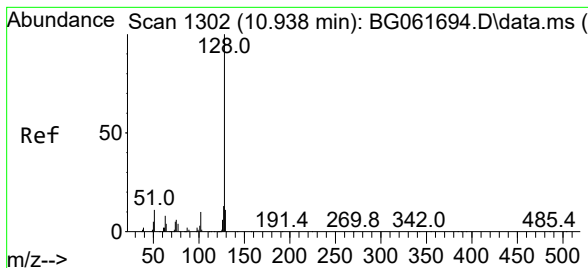
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 8.271 ng/ul

RT: 10.935 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG061712.D

Acq: 25 Jun 2024 21:21

Instrument :

BNA_G

ClientSampleId :

COSJ8

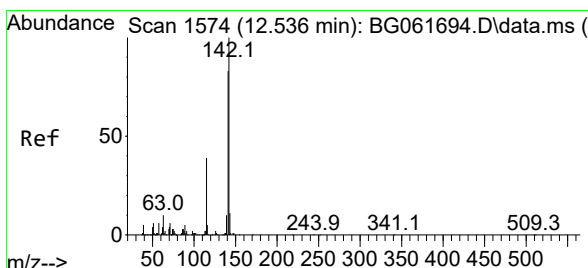
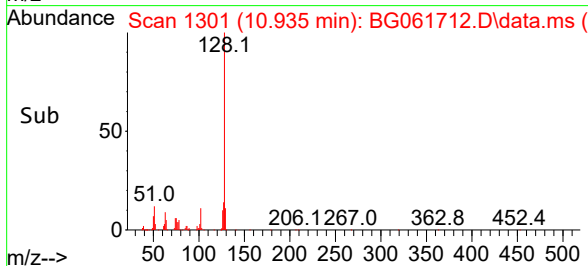
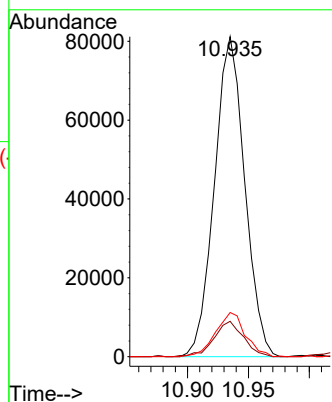
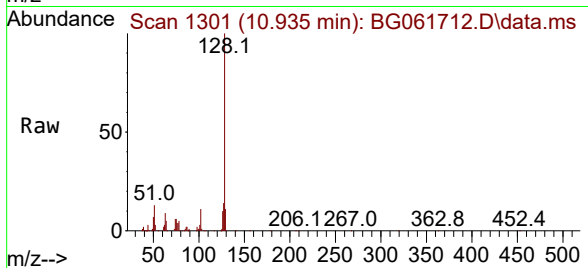
Tgt Ion:128 Resp: 140465

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.8 10.5 15.7



#36

2-Methylnaphthalene

Concen: 1.706 ng/ul

RT: 12.539 min Scan# 1574

Delta R.T. -0.003 min

Lab File: BG061712.D

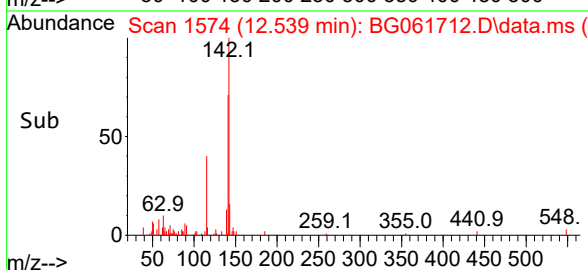
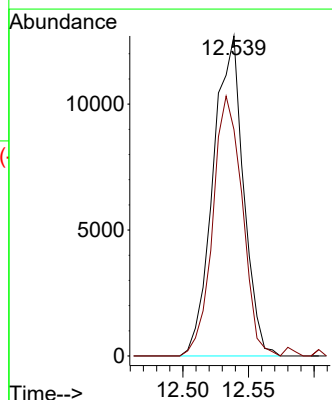
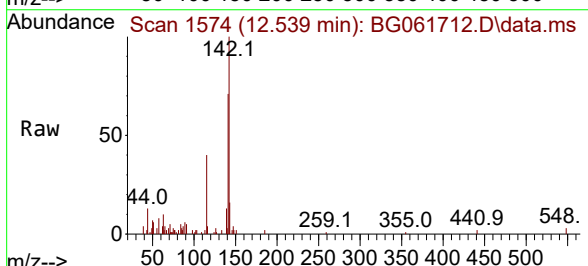
Acq: 25 Jun 2024 21:21

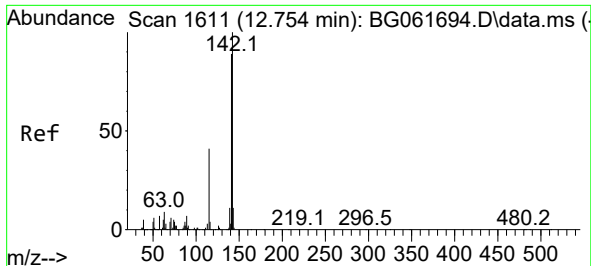
Tgt Ion:142 Resp: 20447

Ion Ratio Lower Upper

142 100

141 70.8 68.5 102.7





#37

1-Methylnaphthalene

Concen: 1.154 ng/ul

RT: 12.756 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG061712.D

Acq: 25 Jun 2024 21:21

Instrument :

BNA_G

ClientSampleId :

C0SJ8

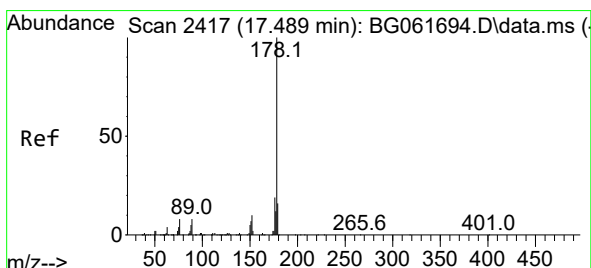
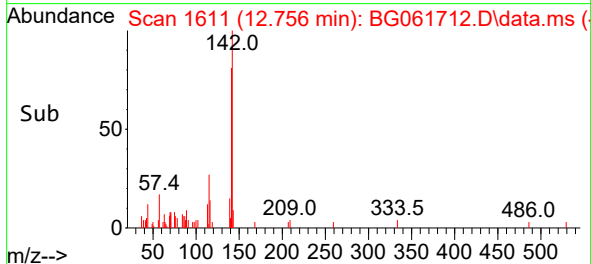
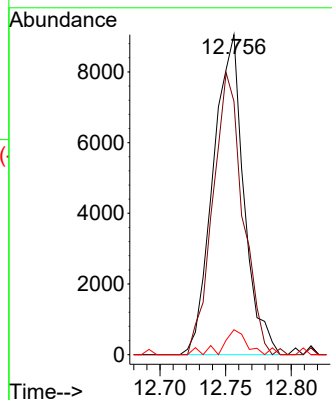
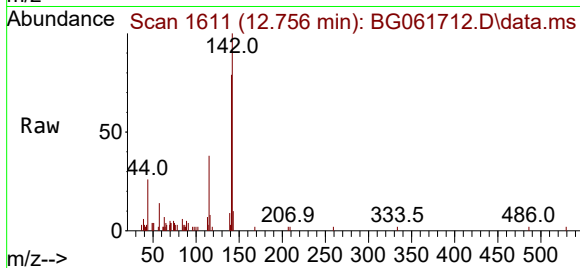
Tgt Ion:142 Resp: 14753

Ion Ratio Lower Upper

142 100

141 79.1 64.6 97.0

116 7.8 3.0 4.6#



#72

Phenanthrene

Concen: 1.188 ng/ul

RT: 17.486 min Scan# 2416

Delta R.T. -0.003 min

Lab File: BG061712.D

Acq: 25 Jun 2024 21:21

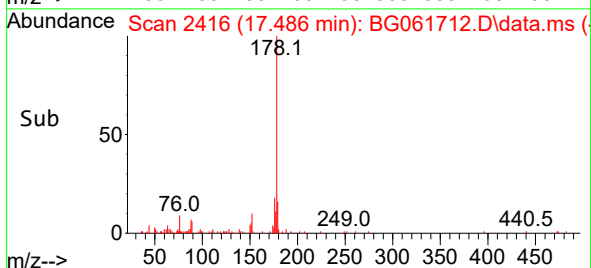
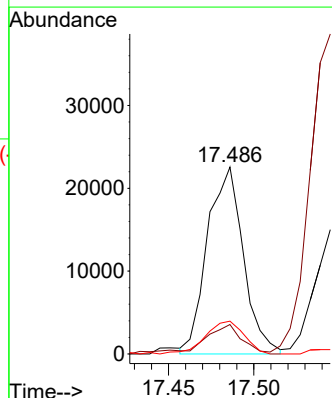
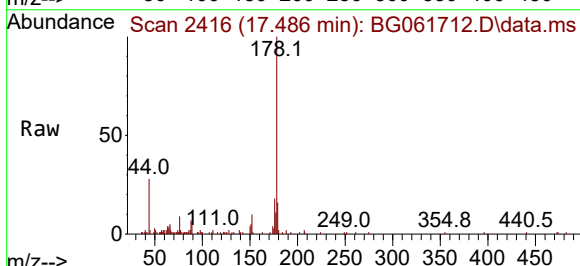
Tgt Ion:178 Resp: 33132

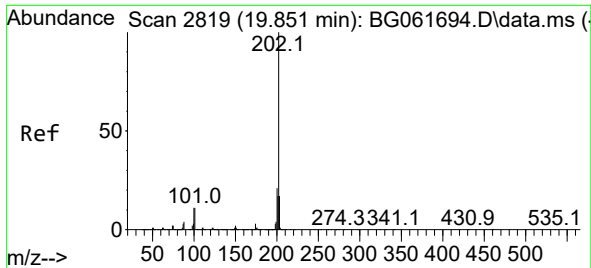
Ion Ratio Lower Upper

178 100

179 15.8 12.0 18.0

176 17.5 16.2 24.2





#82
 Pyrene
 Concen: 1.444 ng/ul
 RT: 19.848 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG061712.D
 Acq: 25 Jun 2024 21:21

Instrument :
 BNA_G
 ClientSampleId :
 C0SJ8

Tgt Ion:202 Resp: 44078
 Ion Ratio Lower Upper
 202 100
 101 14.5 10.1 15.1
 100 18.8 9.9 14.9#

