

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059196.D
 Acq On : 26 Sep 2023 13:38
 Operator : MA/JU
 Sample : 04450-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKA3

Quant Time: Sep 26 22:33:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

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

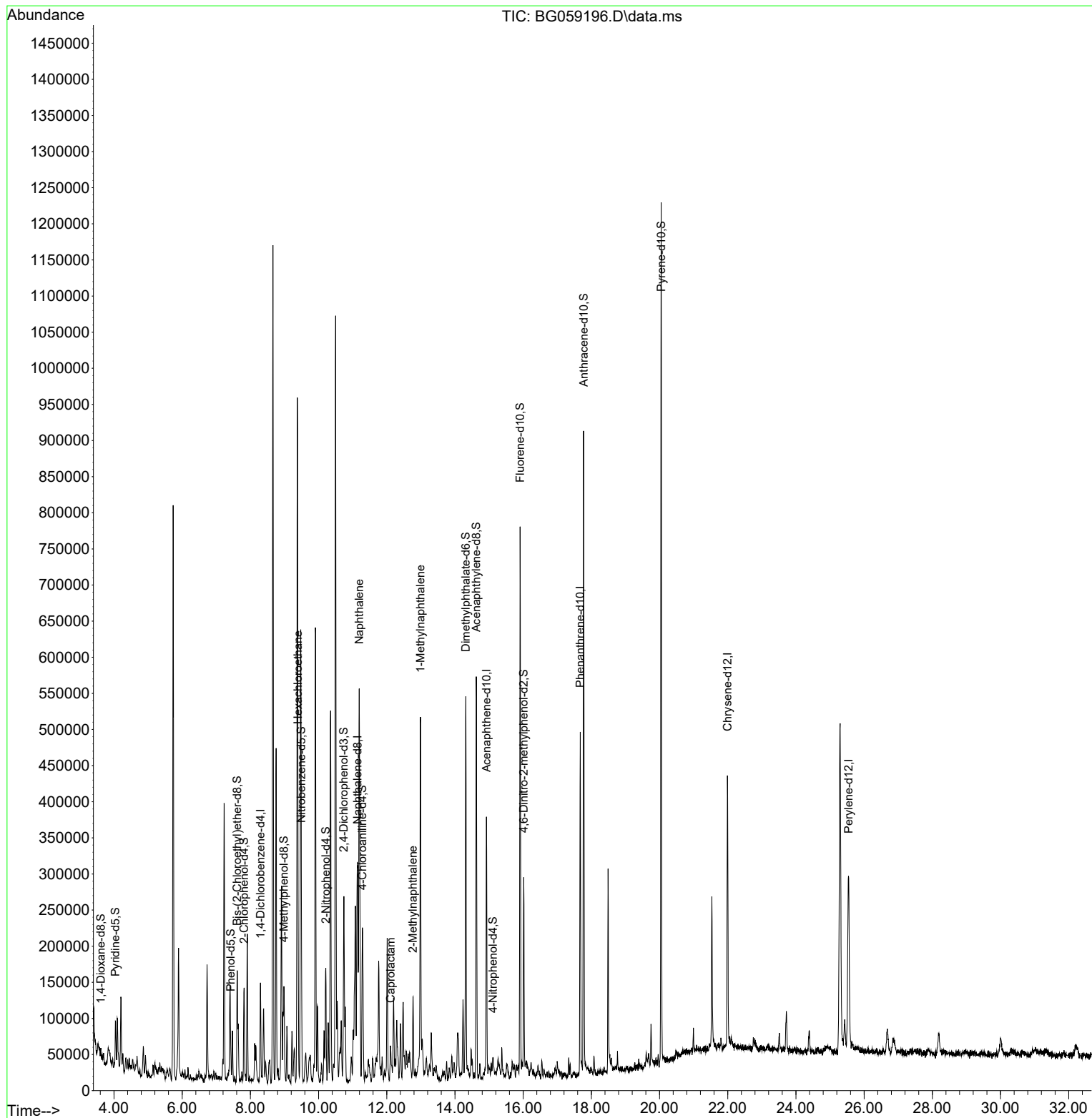
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	34101	20.000	ng/ul	0.00
20) Naphthalene-d8	11.140	136	167289	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.924	164	122043	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.674	188	300028	20.000	ng/ul	0.00
79) Chrysene-d12	21.992	240	246613	20.000	ng/ul	-0.01
88) Perylene-d12	25.547	264	285181	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.614	96	4449	5.107	ng/uL	0.00
4) Pyridine-d5	4.043	84	31596	12.362	ng/ul	-0.01
7) Phenol-d5	7.421	99	23457	6.996	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.615	67	70898	34.455	ng/ul	0.00
11) 2-Chlorophenol-d4	7.815	132	61132	24.705	ng/ul	0.00
15) 4-Methylphenol-d8	8.984	113	44771	16.765	ng/ul	-0.01
21) Nitrobenzene-d5	9.495	128	55698	43.147	ng/ul	0.00
24) 2-Nitrophenol-d4	10.212	143	44671	34.256	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.741	165	79928	32.285	ng/ul	0.00
31) 4-Chloroaniline-d4	11.281	131	97196	25.154	ng/ul	-0.01
46) Dimethylphthalate-d6	14.319	166	355268	37.851	ng/ul	0.00
49) Acenaphthylene-d8	14.624	160	379727	33.226	ng/ul	0.00
54) 4-Nitrophenol-d4	15.118	143	4488	2.621	ng/ul	0.00
60) Fluorene-d10	15.911	176	316955	36.891	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.017	200	59476	34.868	ng/ul	-0.01
73) Anthracene-d10	17.774	188	531545	38.937	ng/ul	0.00
81) Pyrene-d10	20.048	212	654060	45.375	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.412	264	1665	0.120	ng/ul	0.10
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.395	117	121957	122.866	ng/ul#	4
30) Naphthalene	11.193	128	443524	49.546	ng/ul	98
34) Caprolactam	12.116	113	1294	1.412	ng/ul#	1
36) 2-Methylnaphthalene	12.768	142	47847	8.003	ng/ul	99
37) 1-Methylnaphthalene	12.991	142	233959	38.738	ng/ul	99

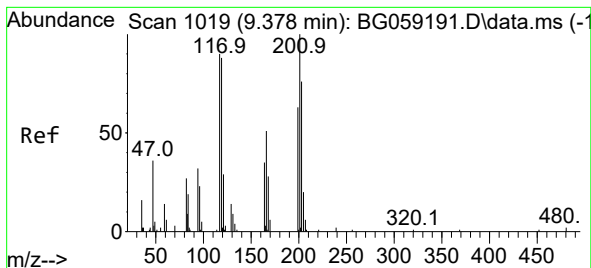
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Hexachloroethane

Concen: 122.866 ng/ul

RT: 9.395 min Scan# 1019

Delta R.T. 0.003 min

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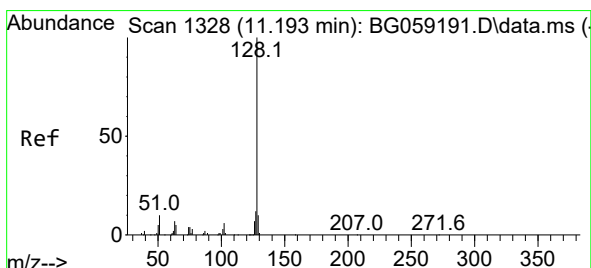
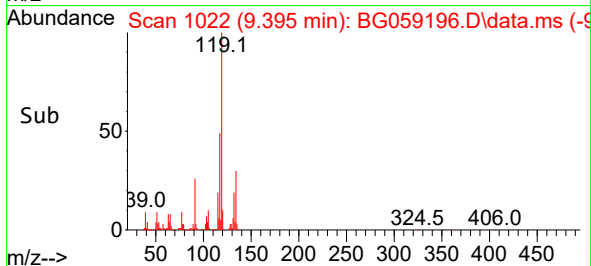
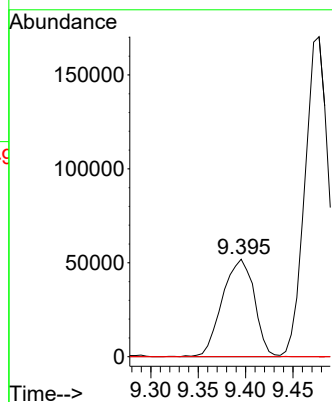
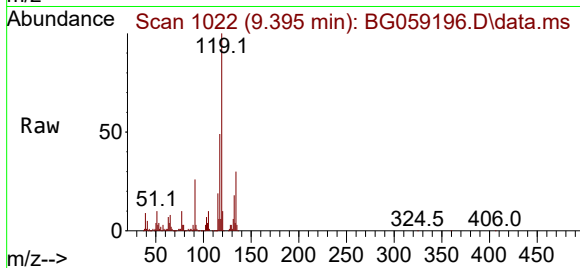
Tgt Ion:117 Resp: 121957

Ion Ratio Lower Upper

117 100

201 0.0 86.4 129.6#

199 0.0 56.2 84.2#



#30

Naphthalene

Concen: 49.546 ng/ul

RT: 11.193 min Scan# 1328

Delta R.T. -0.009 min

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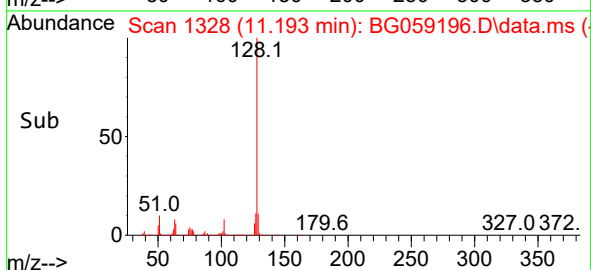
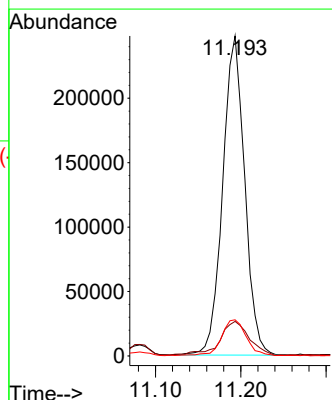
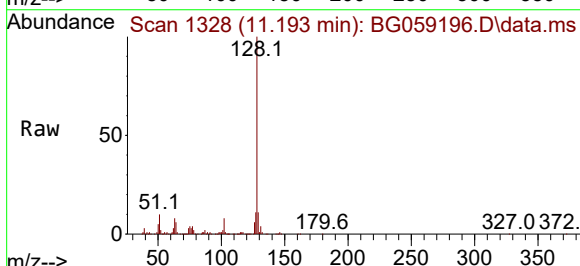
Tgt Ion:128 Resp: 443524

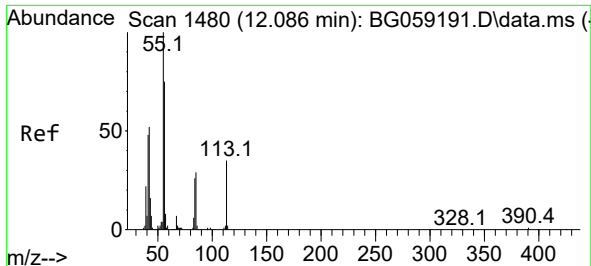
Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 11.3 10.2 15.4

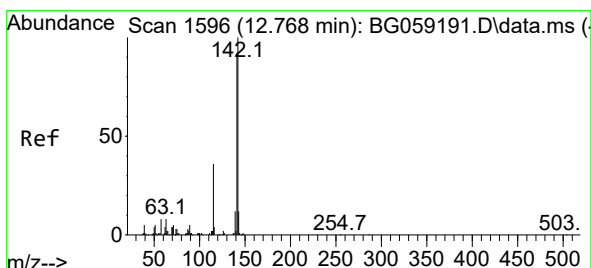
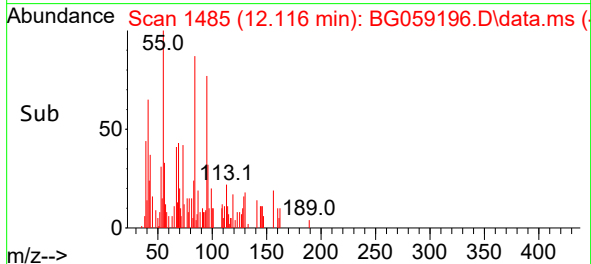
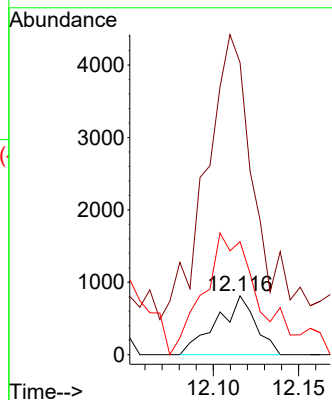
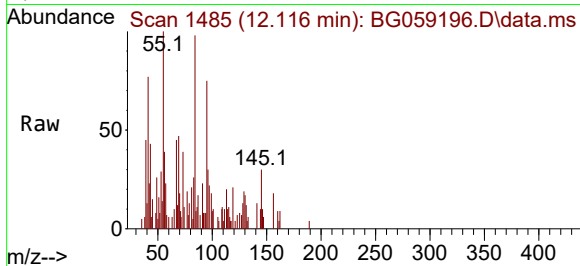




#34
Caprolactam
Concen: 1.412 ng/ul
RT: 12.116 min Scan# 1480
Delta R.T. 0.014 min
Lab File: BG059196.D
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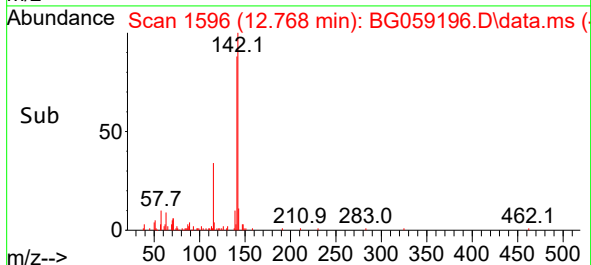
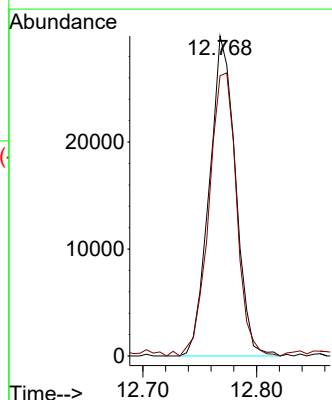
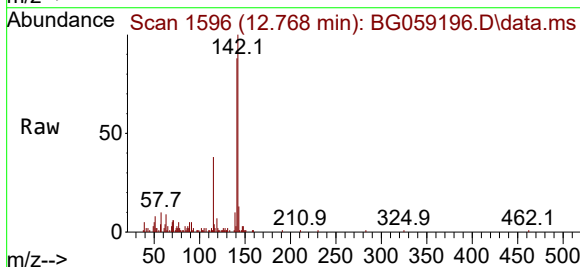
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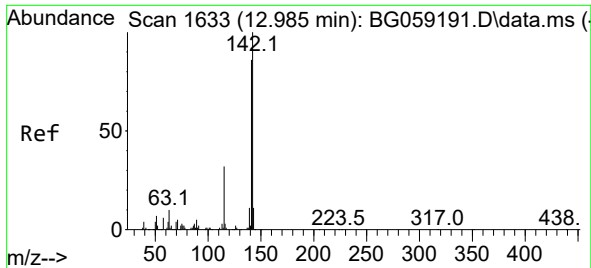
Tgt Ion:113 Resp: 1294
Ion Ratio Lower Upper
113 100
55 496.4 157.6 236.4#
56 191.9 112.3 168.5#



#36
2-Methylnaphthalene
Concen: 8.003 ng/ul
RT: 12.768 min Scan# 1596
Delta R.T. -0.015 min
Lab File: BG059196.D
Acq: 26 Sep 2023 13:38

Tgt Ion:142 Resp: 47847
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0





#37

1-Methylnaphthalene

Concen: 38.738 ng/ul

RT: 12.991 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059196.D

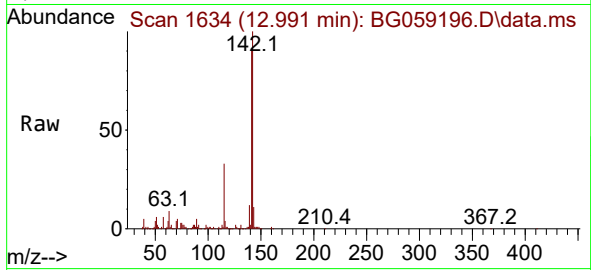
Acq: 26 Sep 2023 13:38

Instrument :

BNA_G

ClientSampleId :

BBKA3



Tgt Ion:142 Resp: 233959

Ion Ratio Lower Upper

142 100

141 90.8 72.0 108.0

116 3.8 2.7 4.1

