

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081816\
 Data File : BG023769.D
 Acq On : 18 Aug 2016 22:18
 Operator : UM/SJ
 Sample : H4460-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BD2T7

Quant Time: Aug 19 01:44:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 01:43:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	101664	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.93	136	436464	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.77	164	286545	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.63	188	1069049	20.00	ng/ul	0.09
75) Chrysene-d12	21.91	240	1924	20.00	ng/ul	0.06
83) Perylene-d12	25.22	264	729432	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2777	1.24	ng/uL	0.00
5) Phenol-d5	7.26	99	65312	6.85	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	211511	32.38	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.63	132	175141	25.88	ng/ul	-0.02
13) 4-Methylphenol-d8	8.81	113	118072	15.84	ng/ul	-0.02
19) Nitrobenzene-d5	9.27	128	112651	31.95	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.00	143	132388	32.93	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.55	165	208841	28.73	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.08	131	22142	2.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	814234	34.28	ng/ul	-0.01
46) Acenaphthylene-d8	14.46	160	922011	34.28	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.97	143	217	0.06	ng/ul	-0.02
57) Fluorene-d10	15.76	176	701635	33.83	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	16.00	200	731	0.11	ng/ul	0.09
70) Anthracene-d10	17.63	188	1069049	21.69	ng/ul	-0.01
76) Pyrene-d10	19.92	212	1241494	13448.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1156868	34.64	ng/ul	-0.01

Target Compounds

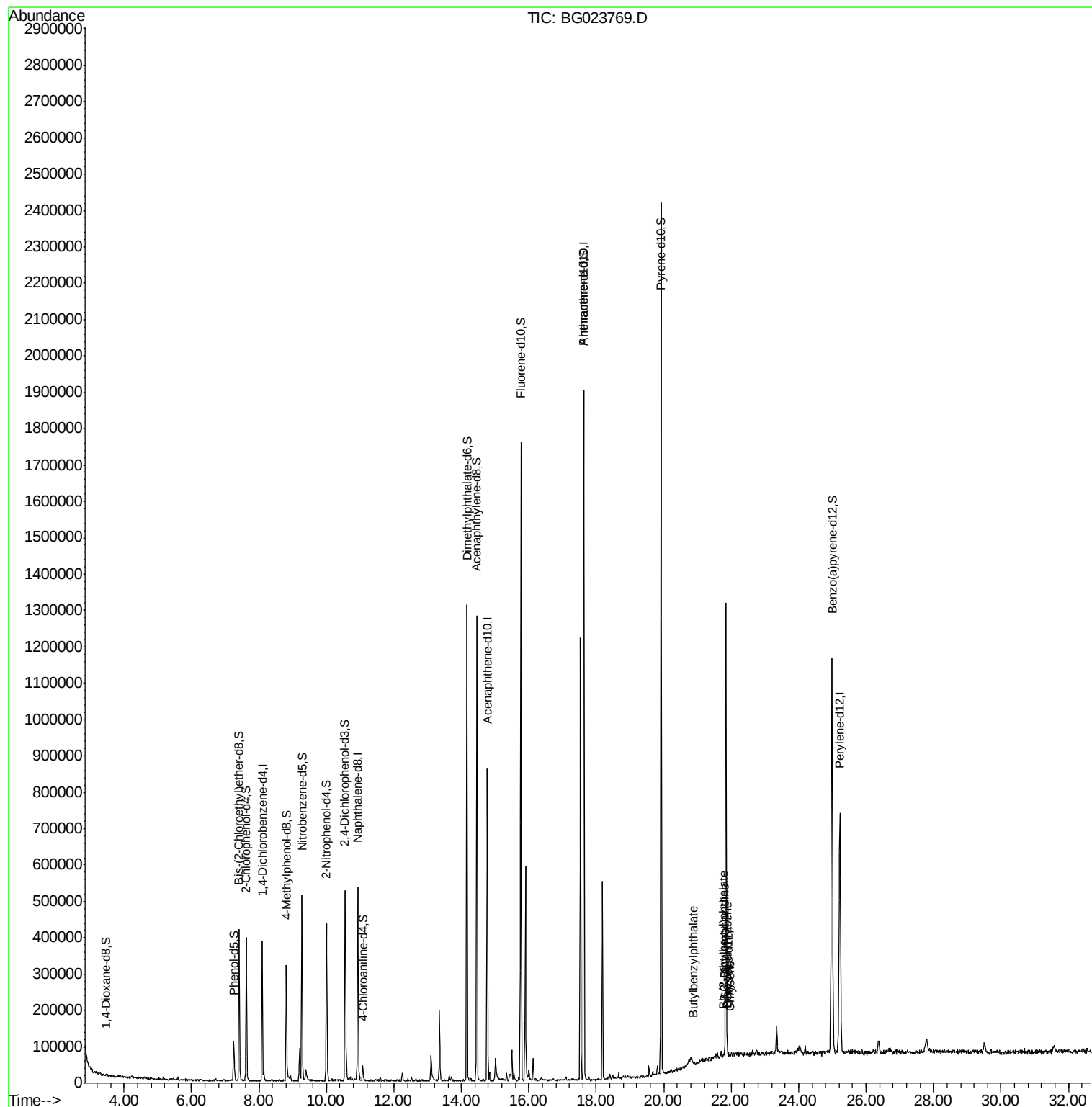
					Qvalue	
78) Butylbenzylphthalate	20.88	149	101	1.96	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.81	252	60	1.57	ng/ul#	26
80) Benzo(a)anthracene	21.89	228	1507	13.55	ng/ul#	58
81) Bis(2-ethylhexyl)phthalate	21.77	149	354	5.12	ng/ul#	52
82) Chrysene	21.98	228	138	1.38	ng/ul#	50

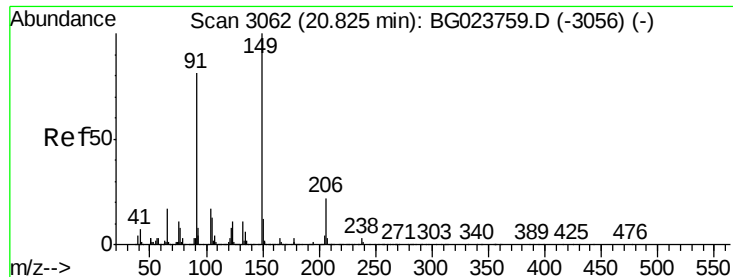
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#78

Butylbenzylphthalate

Concen: 1.96 ng/ul

RT: 20.88 min Scan# 3071

Delta R.T. 0.05 min

Lab File: BG023769.D

Acq: 18 Aug 2016 22:18

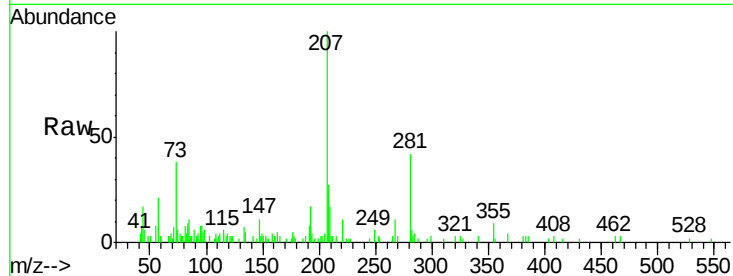
Instrument :

BNA_G

ClientSampleId :

BD2T7

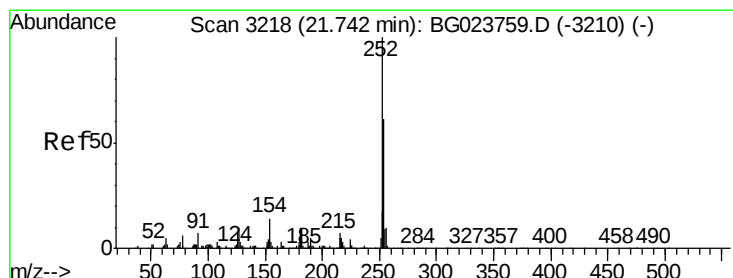
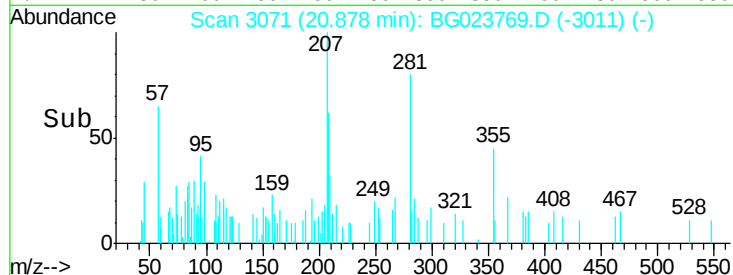
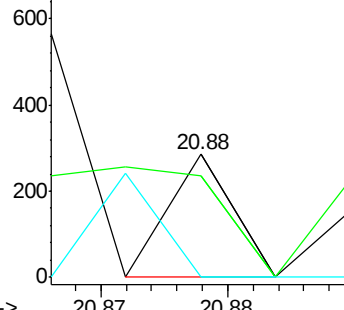
Tgt Ion:	149	Resp:	101
Ion Ratio	Lower	Upper	
149	100		
91	82.9	54.2	81.4#
206	0.0	14.1	21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 1.57 ng/ul

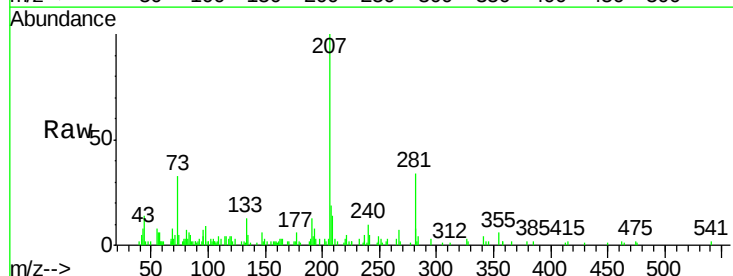
RT: 21.81 min Scan# 3229

Delta R.T. 0.06 min

Lab File: BG023769.D

Acq: 18 Aug 2016 22:18

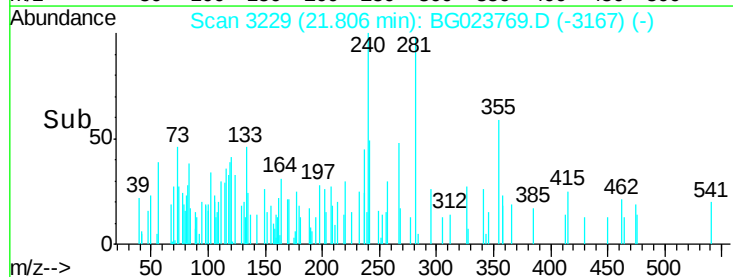
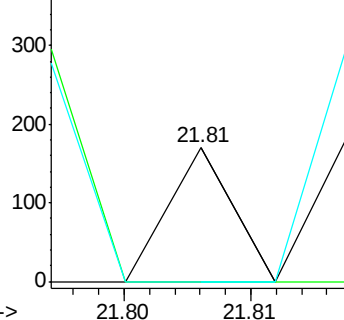
Tgt Ion:	252	Resp:	60
Ion Ratio	Lower	Upper	
252	100		
254	0.0	51.4	77.2#
126	0.0	10.7	16.1#

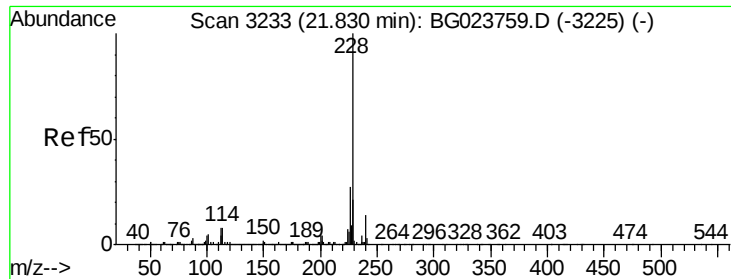


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 13.55 ng/ul

RT: 21.89 min Scan# 3243

Delta R.T. 0.06 min

Lab File: BG023769.D

Acq: 18 Aug 2016 22:18

Instrument :

BNA_G

ClientSampleId :

BD2T7

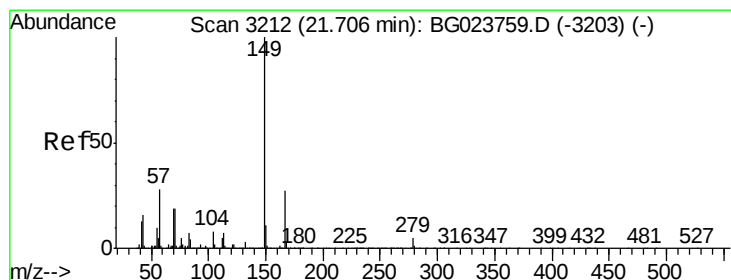
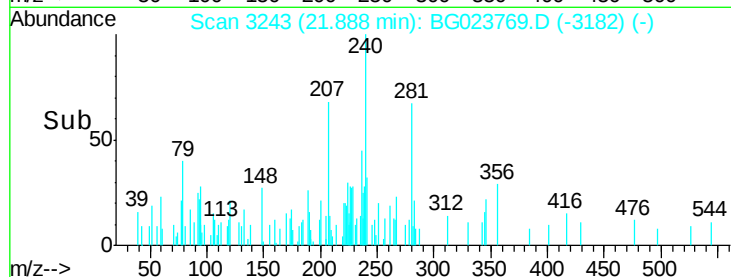
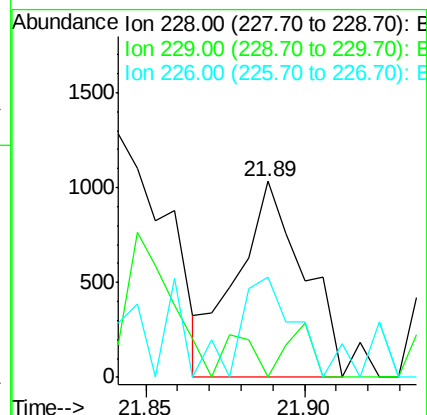
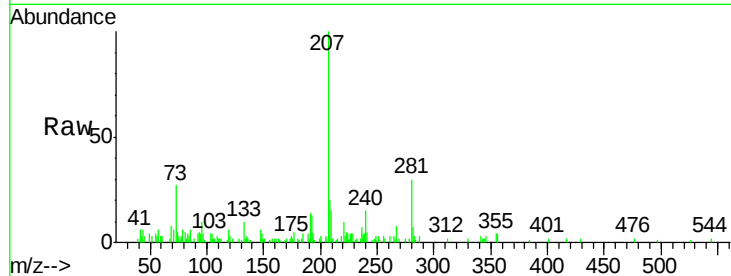
Tgt Ion:228 Resp: 1507

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

226 51.0 22.8 34.2#



#81

Bis(2-ethylhexyl)phthalate

Concen: 5.12 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. 0.06 min

Lab File: BG023769.D

Acq: 18 Aug 2016 22:18

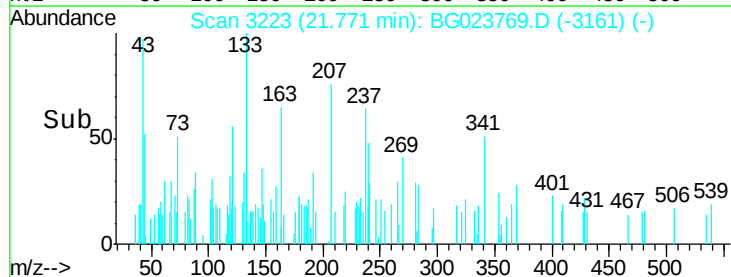
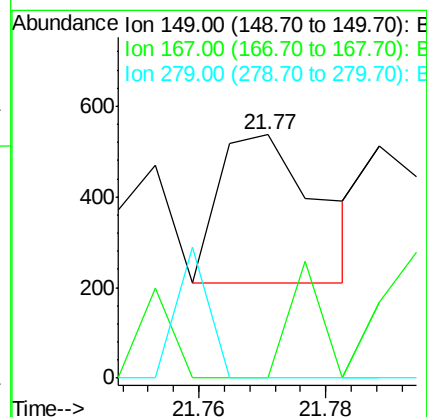
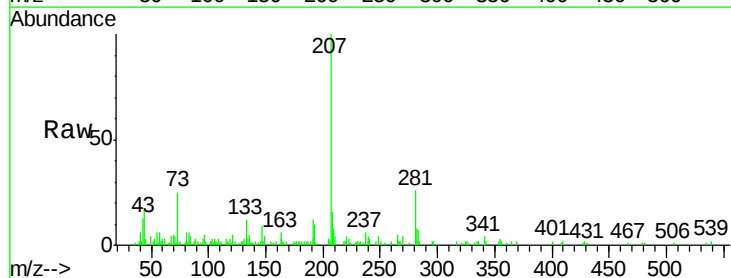
Tgt Ion:149 Resp: 354

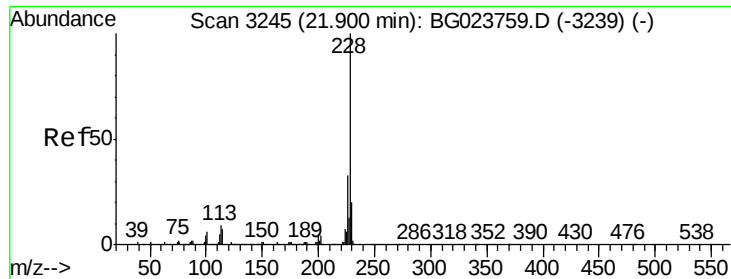
Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

279 0.0 2.9 4.3#





#82

Chrysene

Concen: 1.38 ng/ul

RT: 21.98 min Scan# 3259

Delta R.T. 0.08 min

Lab File: BG023769.D

Acq: 18 Aug 2016 22:18

Instrument :

BNA_G

ClientSampleId :

BD2T7

Tgt Ion: 228 Resp: 138

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

229 0.0 15.0 22.6#

