

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081816\
 Data File : BG023761.D
 Acq On : 18 Aug 2016 17:17
 Operator : UM/SJ
 Sample : H4460-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BD2S1

Quant Time: Aug 19 01:43:43 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	8.09	152	105664	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.93	136	447507	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.77	164	311943	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.53	188	759807	20.00	ng/ul	-0.01
75) Chrysene-d12	21.78	240	1476	20.00	ng/ul	-0.07
83) Perylene-d12	25.22	264	806140	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	3318	1.43	ng/uL	0.00
5) Phenol-d5	7.25	99	67157	6.78	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.41	67	185351	27.30	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.62	132	158599	22.55	ng/ul	-0.02
13) 4-Methylphenol-d8	8.81	113	111051	14.33	ng/ul	-0.02
19) Nitrobenzene-d5	9.38	128	183	0.05	ng/ul	0.08
22) 2-Nitrophenol-d4	10.00	143	125877	30.54	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.56	165	190407	25.55	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.08	131	22727	2.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	828442	32.04	ng/ul	-0.01
46) Acenaphthylene-d8	14.46	160	878163	29.99	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	25236	6.04	ng/ul	0.01
57) Fluorene-d10	15.77	176	715747	31.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	146215	30.36	ng/ul	0.00
70) Anthracene-d10	17.63	188	1173177	33.49	ng/ul	-0.01
76) Pyrene-d10	19.92	212	1387507	19591.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1269128	34.39	ng/ul	-0.01

Target Compounds

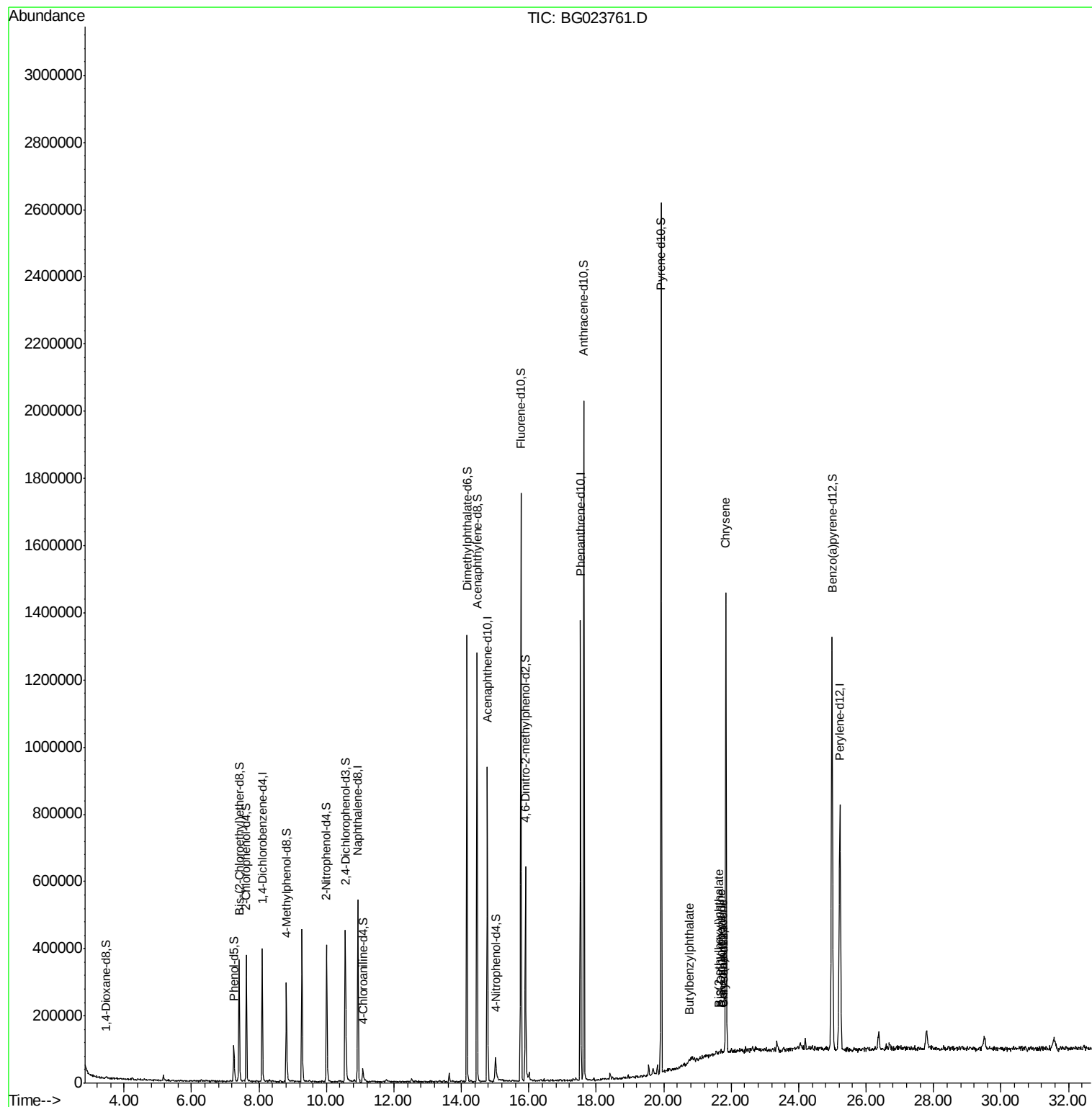
					Qvalue
78) Butylbenzylphthalate	20.76	149	185	4.69 ng/ul#	44
79) 3,3'-Dichlorobenzidine	21.68	252	160	5.45 ng/ul#	26
80) Benzo(a)anthracene	21.74	228	149	1.75 ng/ul#	51
81) Bis(2-ethylhexyl)phthalate	21.63	149	420	7.91 ng/ul#	97
82) Chrysene	21.84	228	4019	52.34 ng/ul#	74

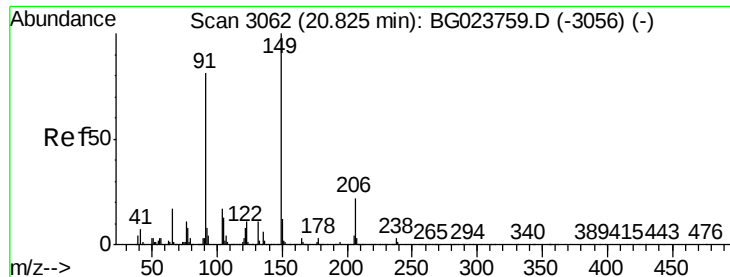
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#78

Butylbenzylphthalate

Concen: 4.69 ng/ul

RT: 20.76 min Scan# 3051

Delta R.T. -0.07 min

Lab File: BG023761.D

Acq: 18 Aug 2016 17:17

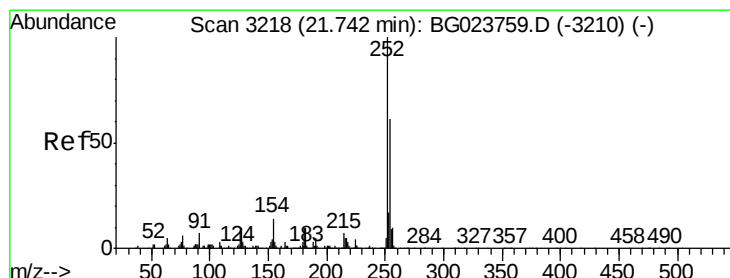
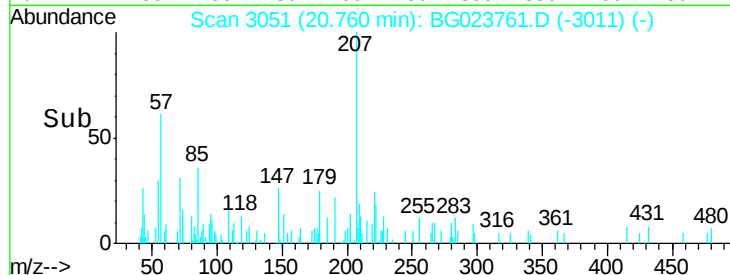
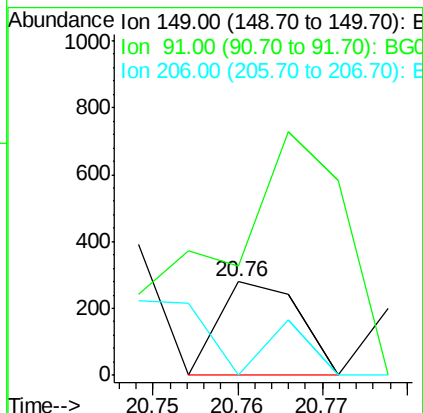
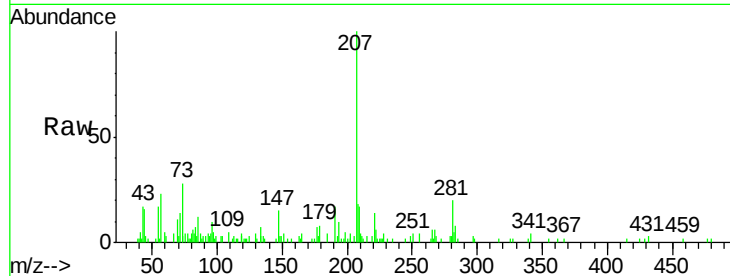
Instrument :

BNA_G

ClientSampled :

BD2S1

Tgt Ion:	149	Resp:	185
Ion	Ratio	Lower	Upper
149	100		
91	116.8	54.2	81.4#
206	0.0	14.1	21.1#



#79

3,3'-Dichlorobenzidine

Concen: 5.45 ng/ul

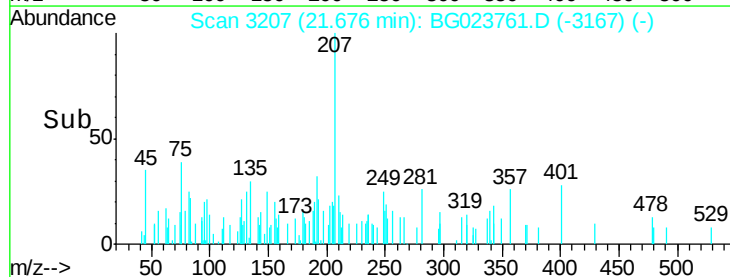
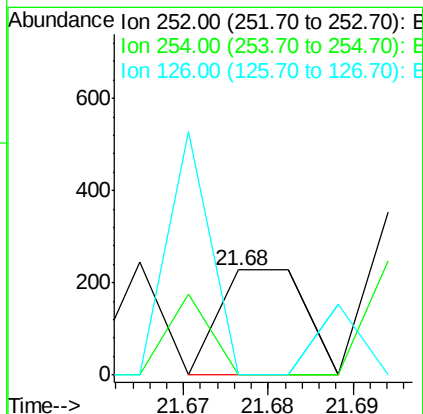
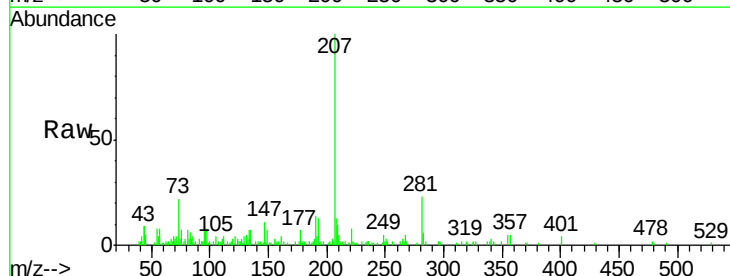
RT: 21.68 min Scan# 3207

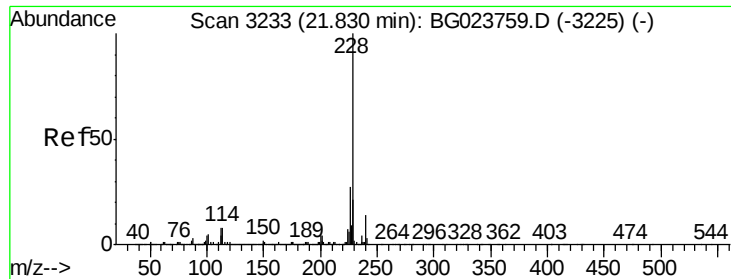
Delta R.T. -0.07 min

Lab File: BG023761.D

Acq: 18 Aug 2016 17:17

Tgt Ion:	252	Resp:	160
Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	10.7	16.1#





#80

Benzo(a)anthracene

Concen: 1.75 ng/ul

RT: 21.74 min Scan# 3217

Delta R.T. -0.09 min

Lab File: BG023761.D

Acq: 18 Aug 2016 17:17

Instrument :

BNA_G

ClientSampleId :

BD2S1

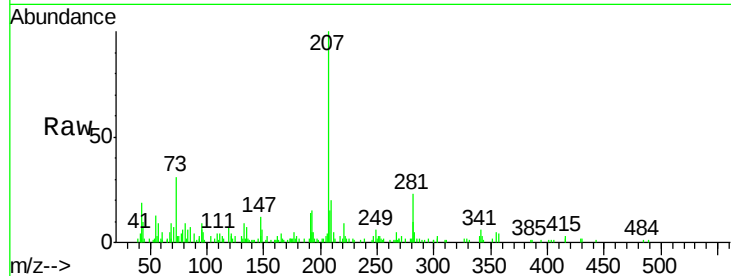
Tgt Ion:228 Resp: 149

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

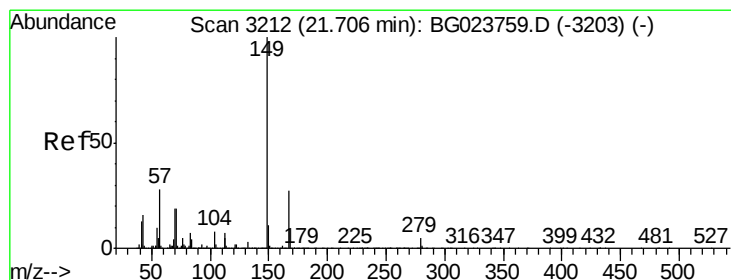
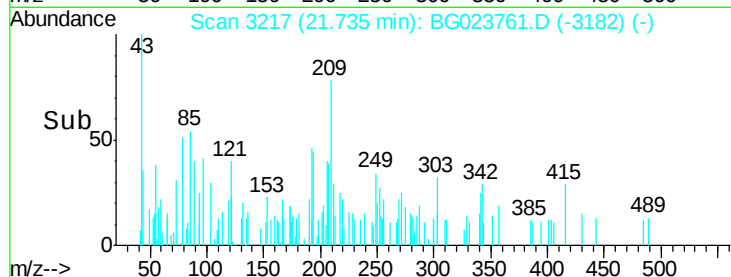
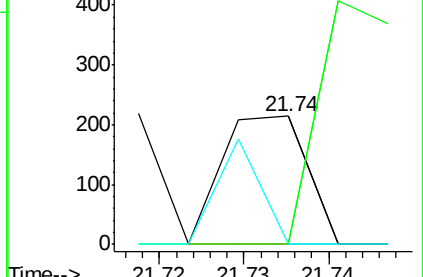
226 0.0 22.8 34.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 7.91 ng/ul

RT: 21.63 min Scan# 3199

Delta R.T. -0.08 min

Lab File: BG023761.D

Acq: 18 Aug 2016 17:17

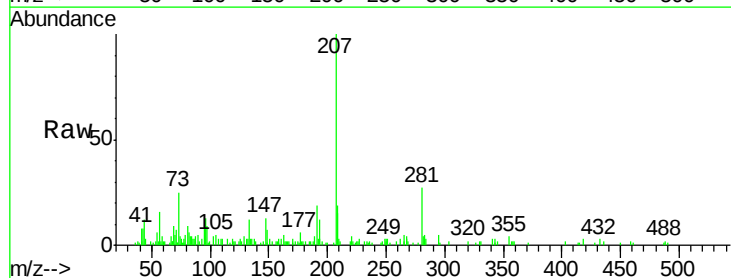
Tgt Ion:149 Resp: 420

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

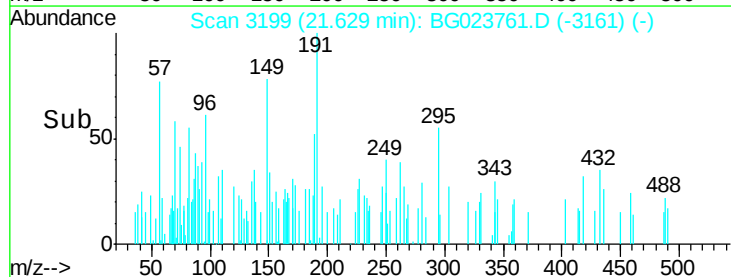
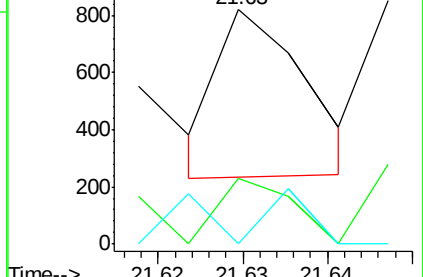
279 0.0 2.9 4.3#

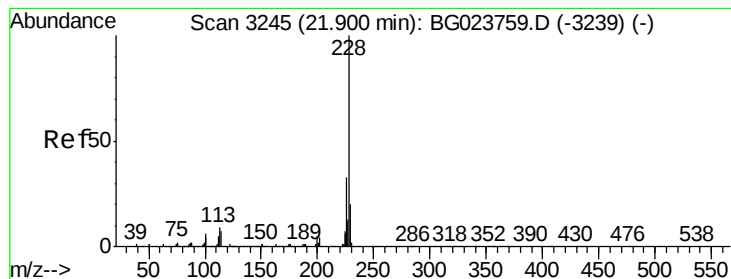


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 52.34 ng/ul

RT: 21.84 min Scan# 3235

Delta R.T. -0.06 min

Lab File: BG023761.D

Acq: 18 Aug 2016 17:17

Instrument :

BNA_G

ClientSampleId :

BD2S1

Tgt Ion: 228 Resp: 4019

Ion Ratio Lower Upper

228 100

226 10.2 24.2 36.4#

229 23.1 15.0 22.6#

