

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082917\
 Data File : BG028542.D
 Acq On : 29 Aug 2017 20:16
 Operator : SJ/JU
 Sample : I4960-01DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5-POST1DL

Quant Time: Aug 30 01:26:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 01:19:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	35385	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	149274	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.96	164	107267	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	260639	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	301375	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	305937	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.80	96	686	0.90	ng/uL	-0.03
5) Phenol-d5	7.51	99	3580	0.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	3231	1.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	2776	1.13	ng/ul	0.01
13) 4-Methylphenol-d8	9.05	113	2806	0.86	ng/ul	0.01
19) Nitrobenzene-d5	9.52	128	1653	1.42	ng/ul	0.01
22) 2-Nitrophenol-d4	10.24	143	1614	1.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	3803	1.44	ng/ul	0.01
29) 4-Chloroaniline-d4	11.31	131	4448	1.51	ng/ul	0.01
43) Dimethylphthalate-d6	14.34	166	12921	1.35	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	13826	1.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.19	143	345	0.23	ng/ul	0.04
57) Fluorene-d10	15.94	176	12228	1.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	630	0.37	ng/ul	0.01
70) Anthracene-d10	17.81	188	17504	1.40	ng/ul	0.00
76) Pyrene-d10	20.08	212	21710	1.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	19629	1.37	ng/ul	0.00

Target Compounds

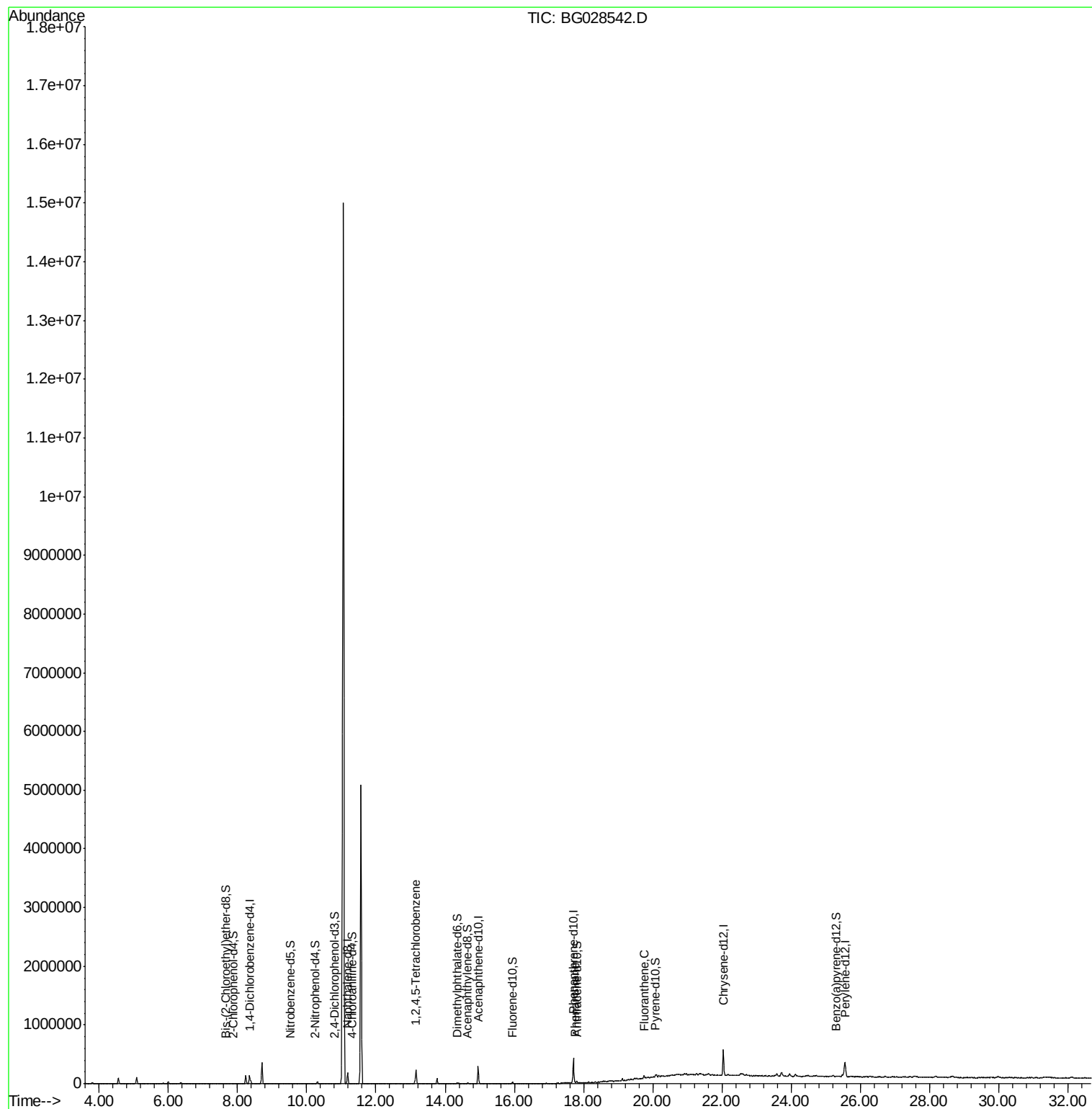
					Qvalue
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	101957	29.489 ng/ul	95
69) Phenanthrene	17.75	178	14935	1.139 ng/ul#	88
74) Fluoranthene	19.75	202	21012	1.318 ng/ul#	97

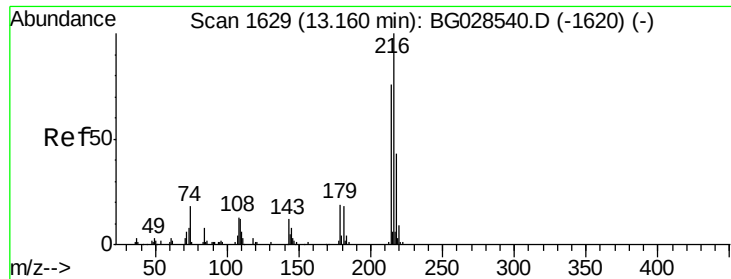
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 29.489 ng/ul

RT: 13.16 min Scan# 1629

Delta R.T. -0.00 min

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Tgt Ion:216 Resp: 101957

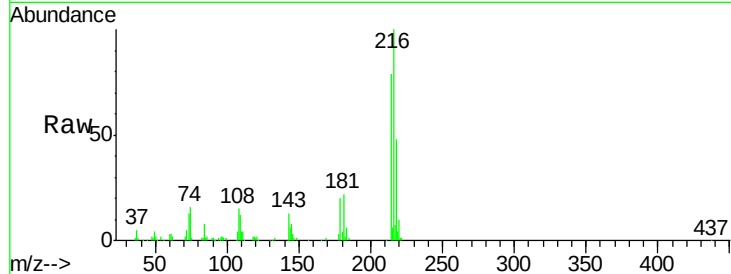
Ion Ratio Lower Upper

216 100

214 79.0 67.0 100.6

179 20.2 18.1 27.1

108 14.9 14.1 21.1

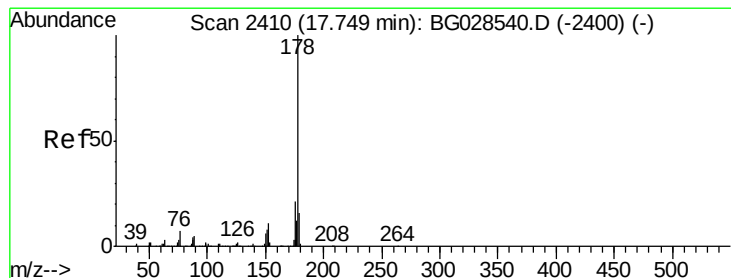
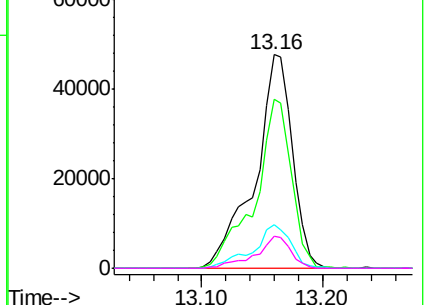
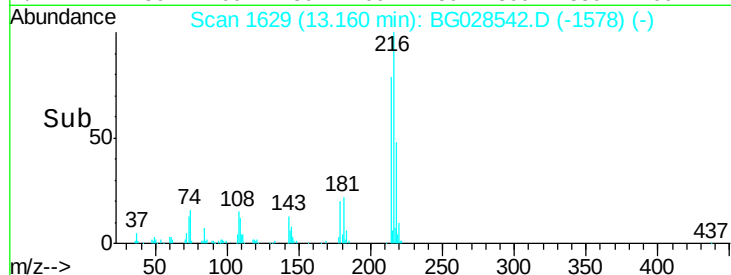


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#69

Phenanthrene

Concen: 1.139 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. 0.01 min

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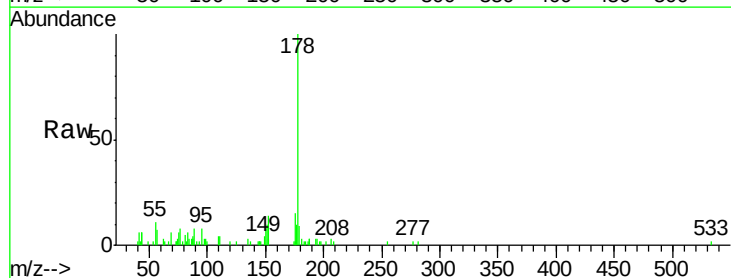
Tgt Ion:178 Resp: 14935

Ion Ratio Lower Upper

178 100

179 9.5 12.4 18.6#

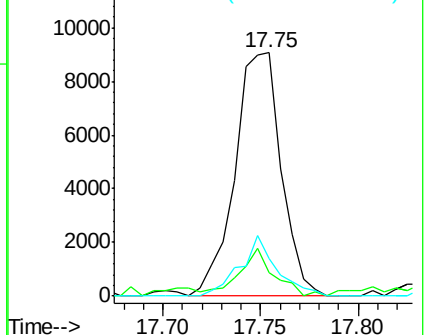
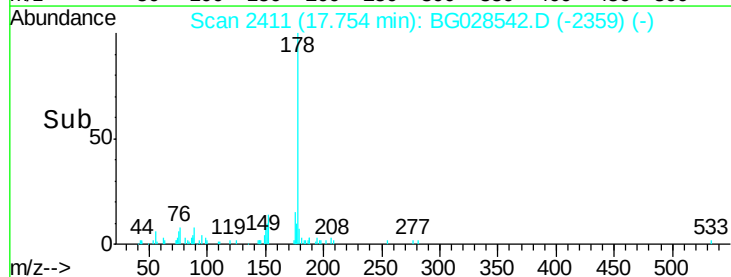
176 15.5 16.5 24.7#

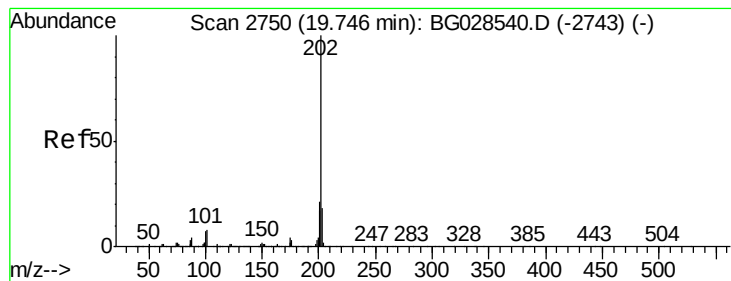


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.318 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG028542.D

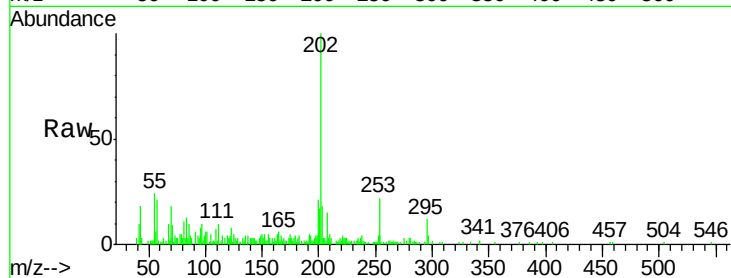
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Tgt Ion:	202	Resp:	21012
Ion	Ratio	Lower	Upper
202	100		
101	6.0	6.2	9.2#
100	6.0	5.2	7.8

