

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
 Data File : BG028303.D
 Acq On : 11 Aug 2017 23:34
 Operator : SJ/JU
 Sample : I4504-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

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 8/14/2017 6:59:07 PM

Quant Time: Aug 12 01:03:41 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 22:57:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	45138	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	208479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	143442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	310035	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	334137	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	330650	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	1513	1.56	ng/uL	0.00
5) Phenol-d5	7.51	99	47859	9.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	28107	8.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	34018	10.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	42146	10.17	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	17305	10.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	20546	11.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	41826	11.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	7930	1.93	ng/ul	0.02
43) Dimethylphthalate-d6	14.35	166	142939	11.20	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	159194	11.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	15770	7.77	ng/ul	0.01
57) Fluorene-d10	15.95	176	120075	10.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	21930	10.89	ng/ul	0.00
70) Anthracene-d10	17.81	188	190606	12.82	ng/ul	0.00
76) Pyrene-d10	20.08	212	196573	11.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	171679m	11.09	ng/ul	0.02

Target Compounds

					Qvalue
34) 2-Methylnaphthalene	12.81	142	8890	1.072 ng/ul	94
44) Dimethylphthalate	14.40	163	48437	4.123 ng/ul	98
69) Phenanthrene	17.76	178	20462	1.311 ng/ul#	92

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

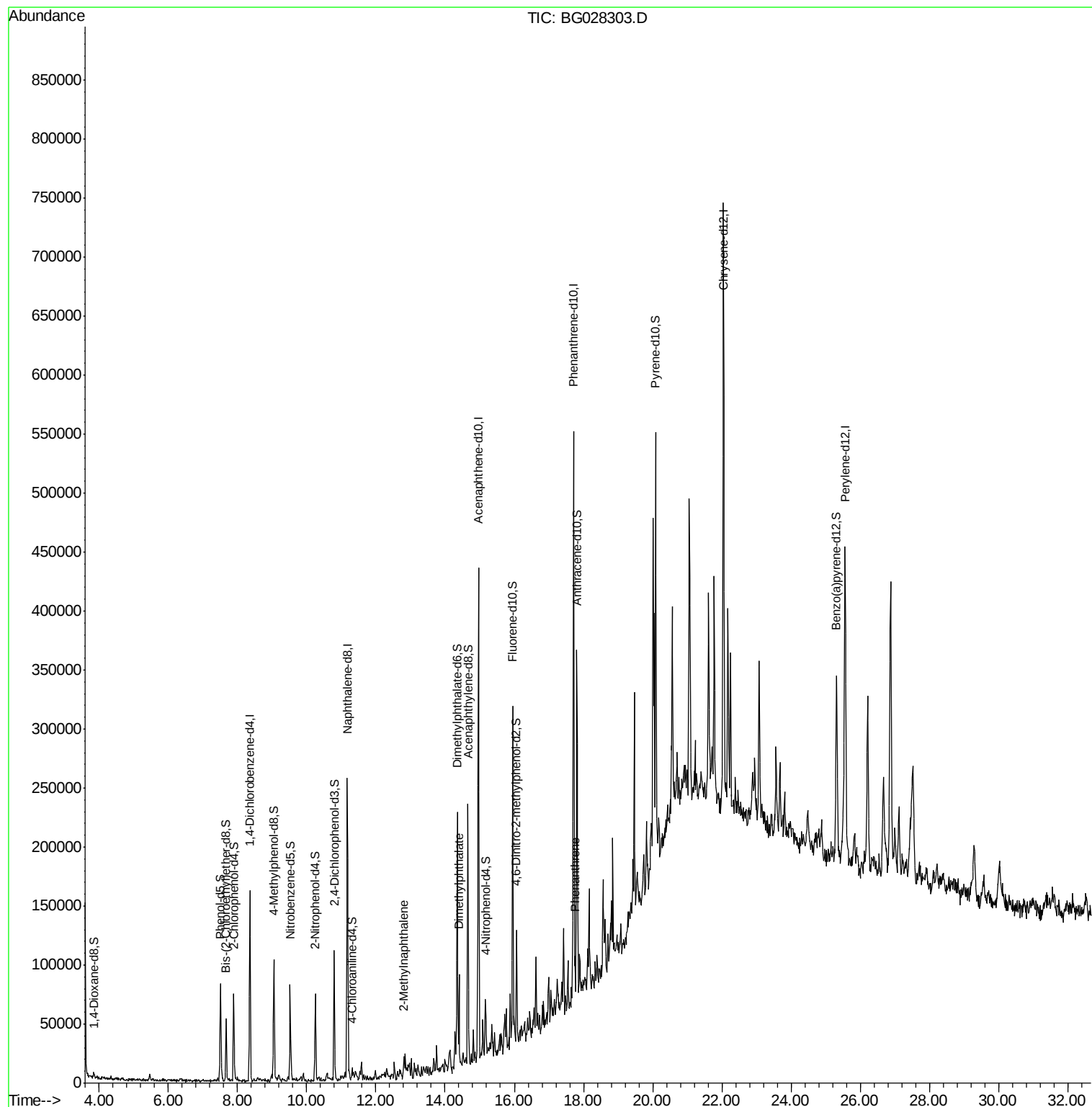
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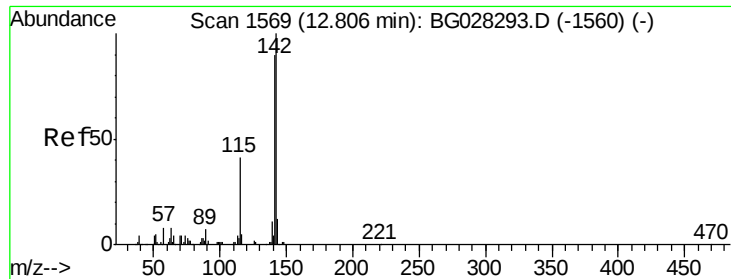
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#34

2-Methylnaphthalene

Concen: 1.072 ng/ul

RT: 12.81 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BG028303.D

Acq: 11 Aug 2017 23:34

Instrument :

BNA_G

ClientSampleId :

C0AA7

Tgt Ion:142 Resp: 8890

Ion Ratio Lower Upper

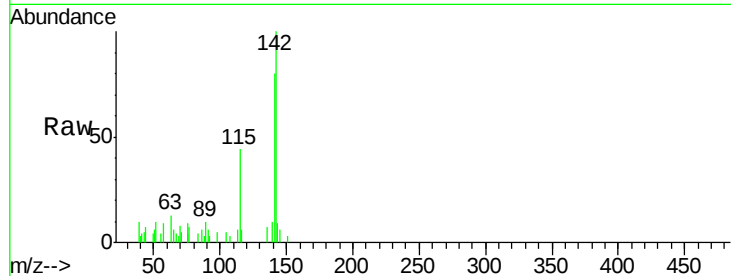
142 100

141 79.9 68.6 102.8

Manual Integrations
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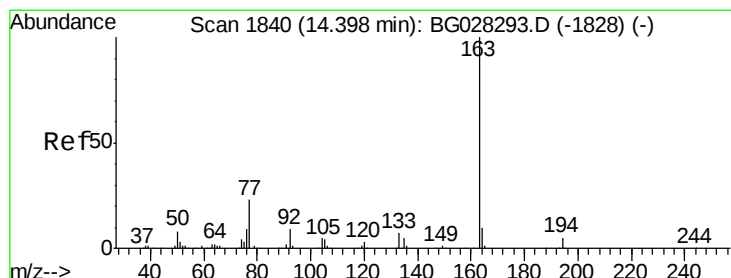
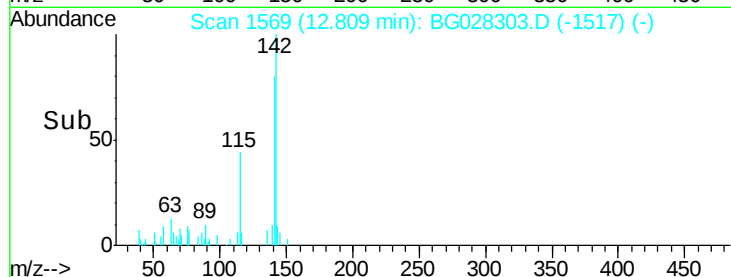
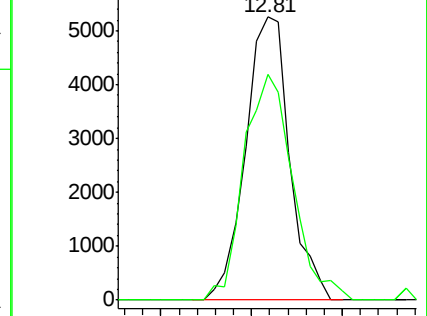
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 4.123 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG028303.D

Acq: 11 Aug 2017 23:34

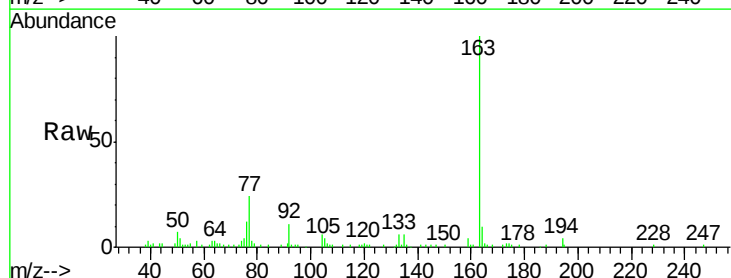
Tgt Ion:163 Resp: 48437

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

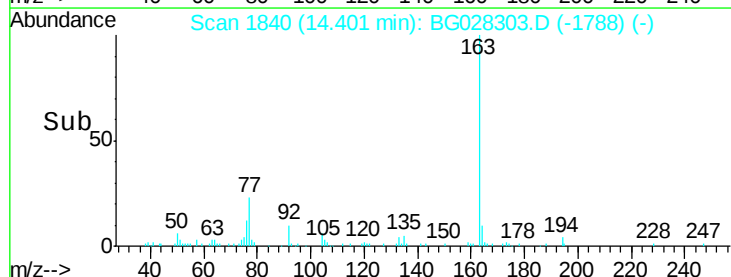
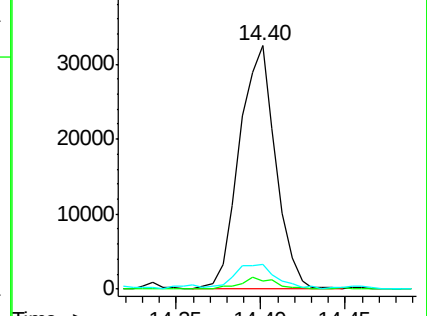
164 10.4 9.0 13.4

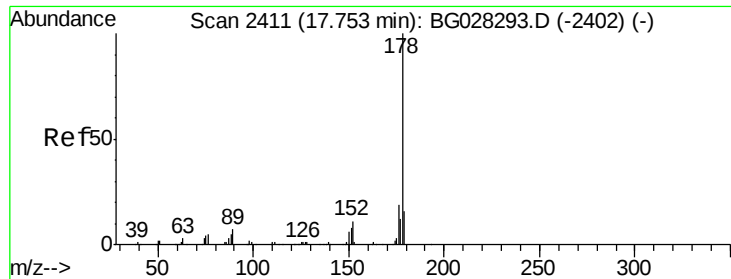


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.311 ng/ul

RT: 17.76 min Scan# 2411

Delta R.T. 0.00 min

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Acq: 11 Aug 2017 23:34

Instrument :

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Tgt Ion:	178	Resp:	20462
Ion Ratio	Lower	Upper	
178	100		
179	19.9	12.4	18.6#
176	23.4	16.5	24.7

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