

Data File : BG026790.D
Acq On : 1 May 2017 2:10
Operator : SJ/MA
Sample : I2846-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSR6

Quant Time: May 01 05:03:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 05:02:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	195356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	961620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	543252	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	1023508	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	943979	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	987331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	121	0.03	ng/uL	0.10
5) Phenol-d5	7.18	99	589163	33.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	354884	34.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	482010	32.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	508489	35.14	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	268744	33.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	298931	34.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	458931	33.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	741745	39.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	1431693	32.74	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1868130	34.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	265301	33.66	ng/ul	0.00
57) Fluorene-d10	15.61	176	1259364	33.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	208875	33.61	ng/ul	0.00
70) Anthracene-d10	17.45	188	1721529	34.66	ng/ul	0.00
76) Pyrene-d10	19.73	212	1631869	32.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	1623701	34.78	ng/ul	0.00

Target Compounds

						Qvalue
17) Hexachloroethane	9.12	117	7980	1.46	ng/ul#	1
34) 2-Methylnaphthalene	12.46	142	37396	1.01	ng/ul	90
44) Dimethylphthalate	14.07	163	313863	7.33	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	51295	1.22	ng/ul#	95

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

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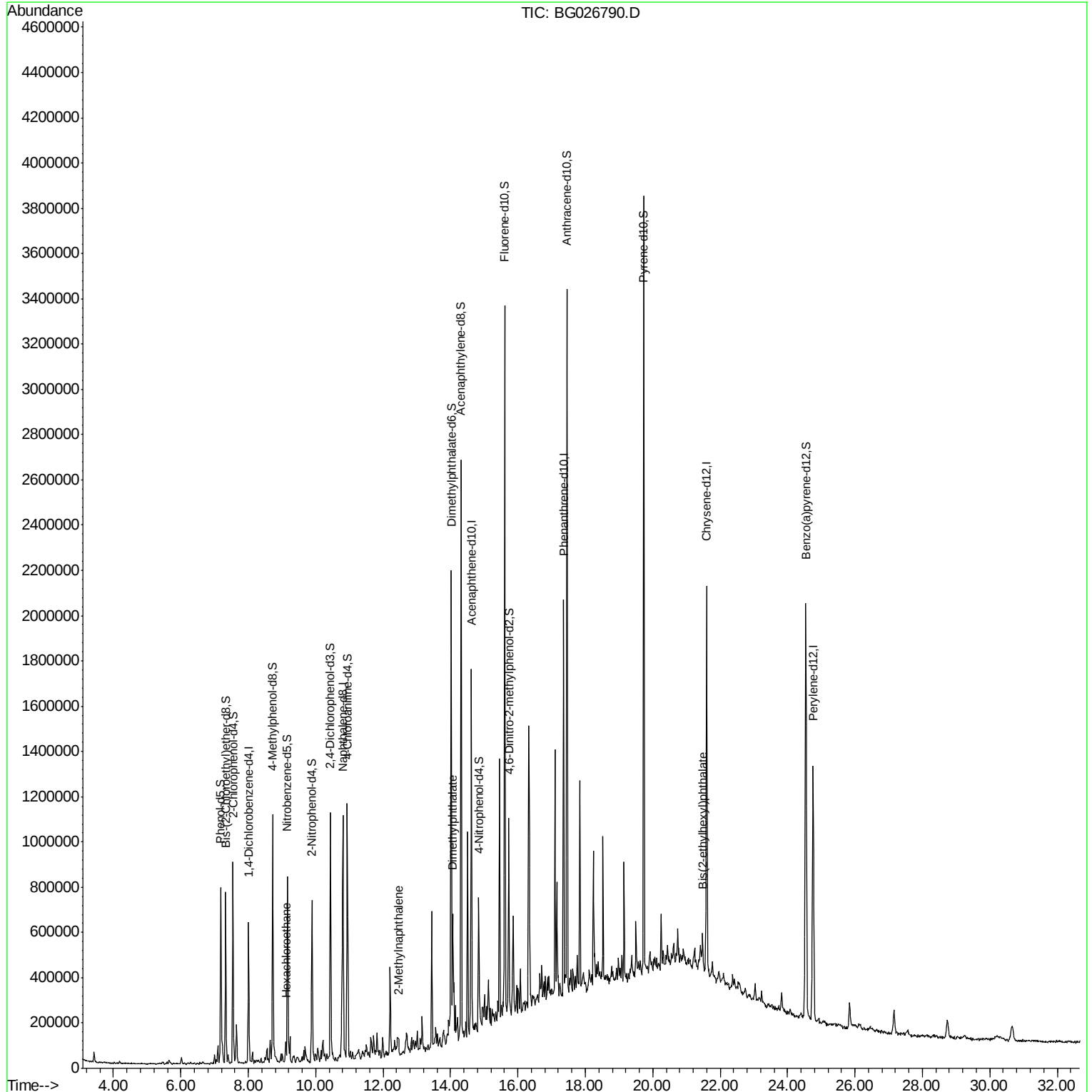
Quant Time: May 01 05:03:50 2017

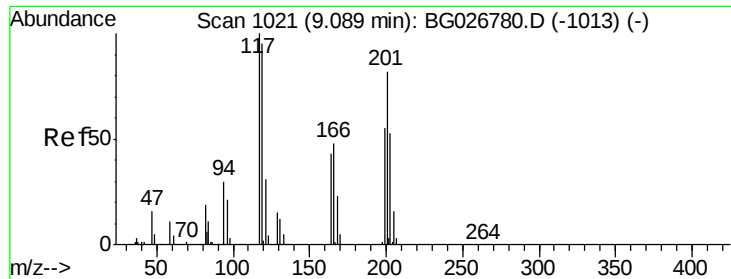
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

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#17

Hexachloroethane

Concen: 1.46 ng/ul

RT: 9.12 min Scan# 1026

Delta R.T. 0.03 min

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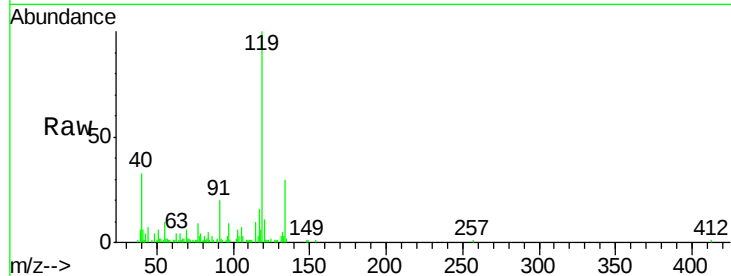
Tgt Ion:117 Resp: 7980

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

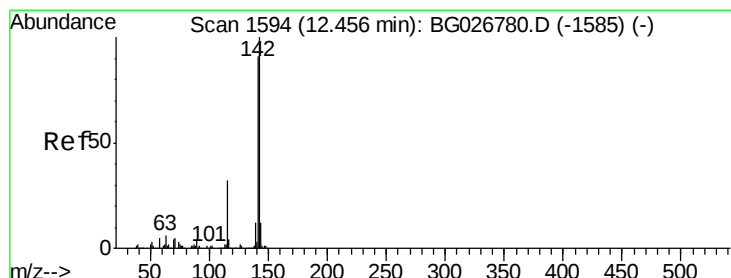
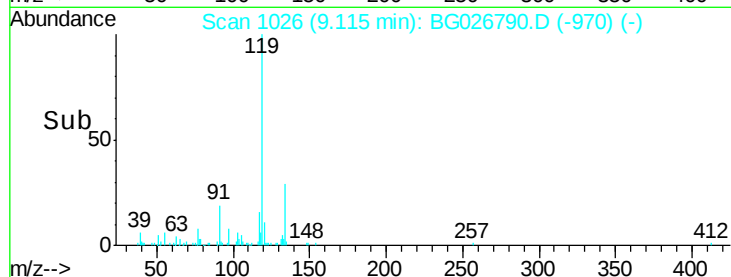
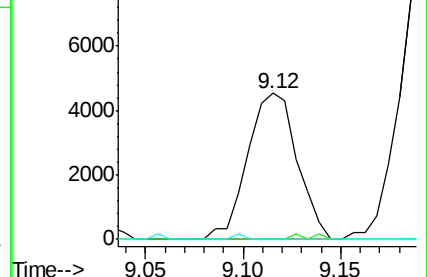
199 0.0 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#34

2-Methylnaphthalene

Concen: 1.01 ng/ul

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG026790.D

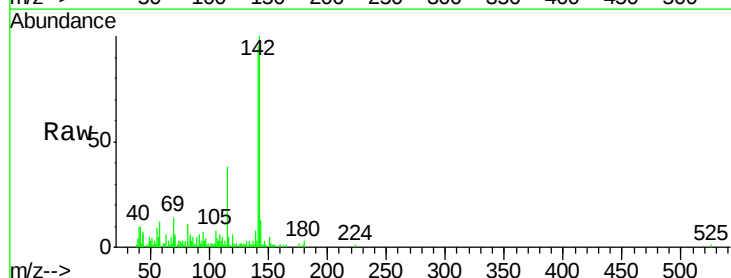
Acq: 1 May 2017 2:10

Tgt Ion:142 Resp: 37396

Ion Ratio Lower Upper

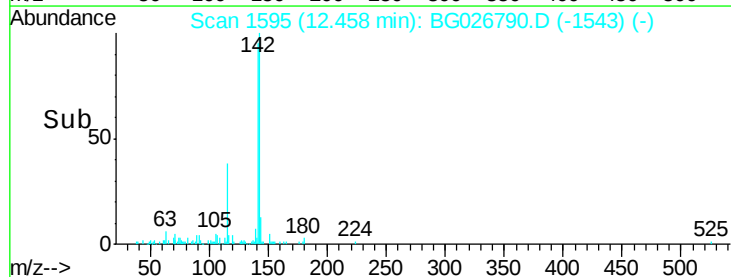
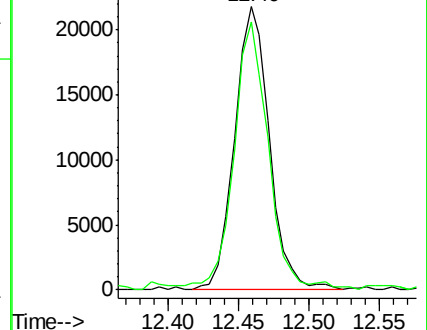
142 100

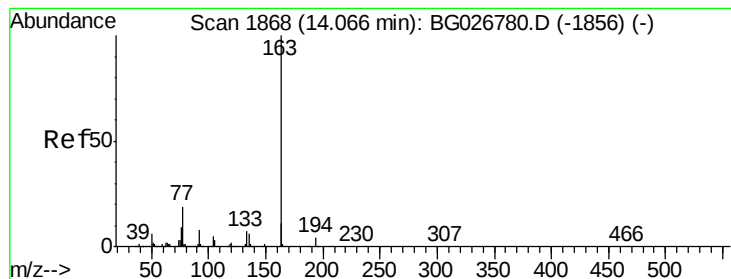
141 94.5 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 7.33 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. 0.00 min

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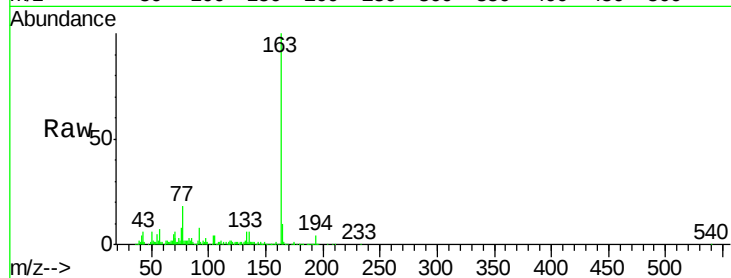
Tgt Ion:163 Resp: 313863

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

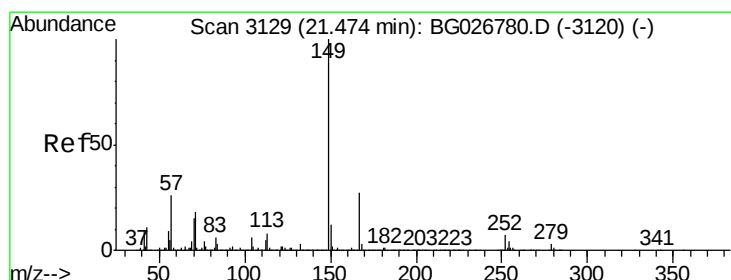
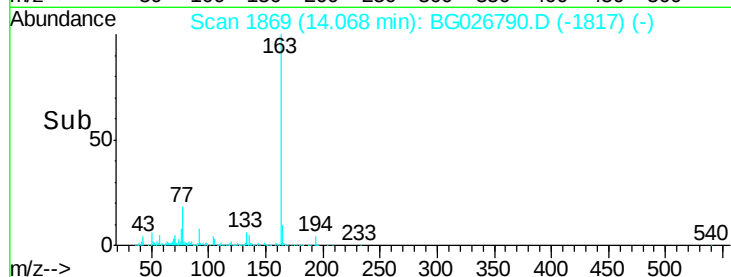
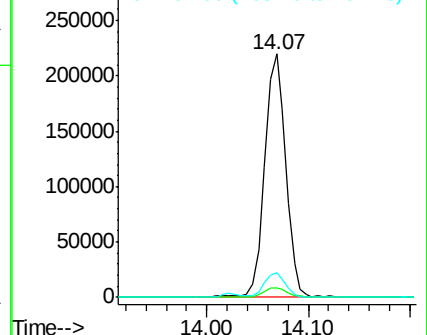
164 10.4 9.0 13.4



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.22 ng/ul

RT: 21.48 min Scan# 3130

Delta R.T. 0.00 min

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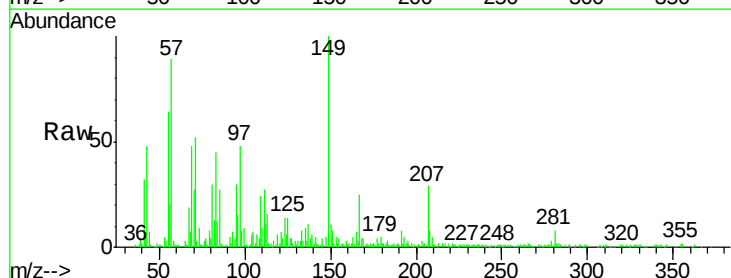
Tgt Ion:149 Resp: 51295

Ion Ratio Lower Upper

149 100

167 25.0 21.8 32.8

279 3.0 4.5 6.7#



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

