

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025271.D
 Acq On : 17 Dec 2016 12:55
 Operator : UM/SJ
 Sample : H6040-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8T8

Quant Time: Dec 18 00:22:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 00:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	70575	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	293901	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	214478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	463443	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	599934	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	610687	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	7185	5.26	ng/uL	0.00
5) Phenol-d5	7.40	99	178811	29.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	109485	29.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	129164	30.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	146761	28.84	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	61902	29.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	75823	29.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	143678	28.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	35160	7.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	470755	31.91	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	520535	32.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	81354	32.09	ng/ul	0.00
57) Fluorene-d10	15.85	176	421132	30.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	83432	29.12	ng/ul	0.00
70) Anthracene-d10	17.70	188	659116	33.70	ng/ul	0.00
76) Pyrene-d10	19.98	212	830675	33.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	844616	34.13	ng/ul	0.00

Target Compounds

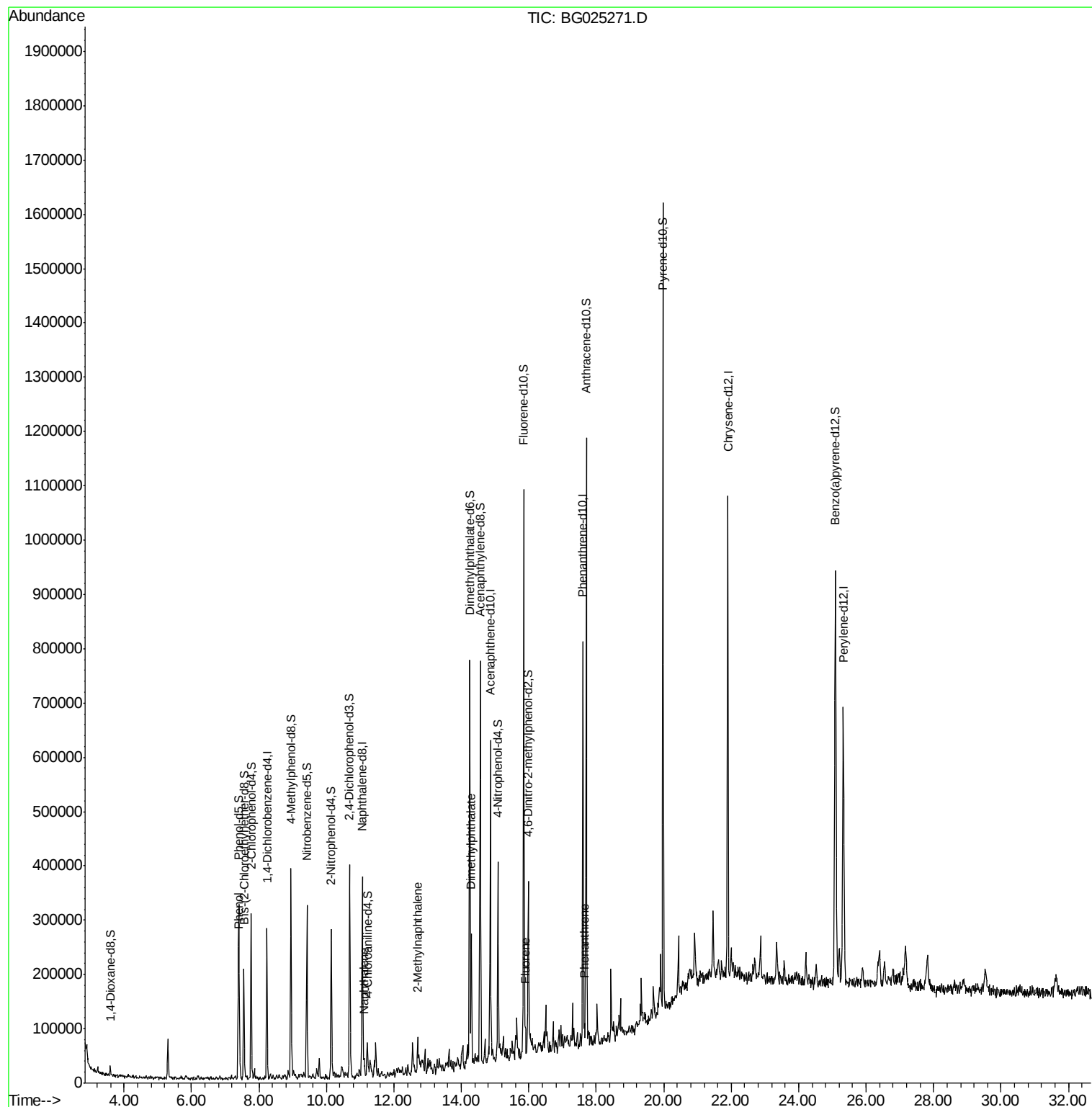
					Ovalue
6) Phenol	7.42	94	22365	3.58 ng/ul	94
28) Naphthalene	11.12	128	22625	1.66 ng/ul#	92
34) 2-Methylnaphthalene	12.70	142	34063	3.16 ng/ul	97
44) Dimethylphthalate	14.30	163	140221	9.67 ng/ul	99
58) Fluorene	15.91	166	16466	1.19 ng/ul#	90
69) Phenanthrene	17.64	178	22180	1.00 ng/ul#	88

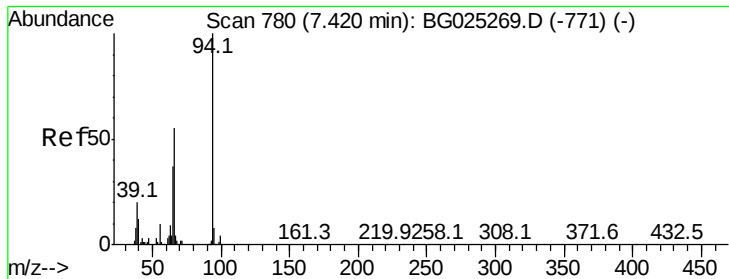
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.58 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

Instrument :

BNA_G

ClientSampleId :

DA8T8

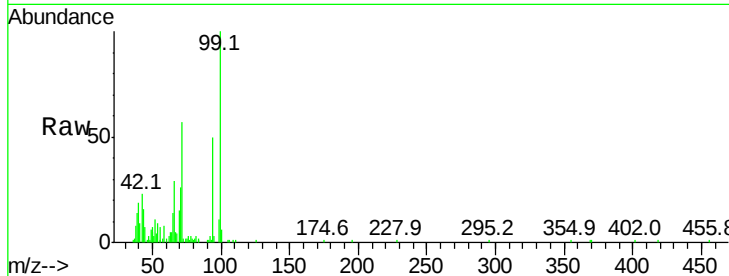
Tot Ion: 94 Resp: 22365

Ion Ratio Lower Upper

94 100

65 28.2 26.8 40.2

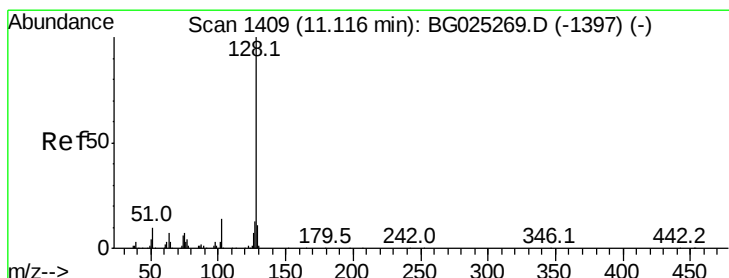
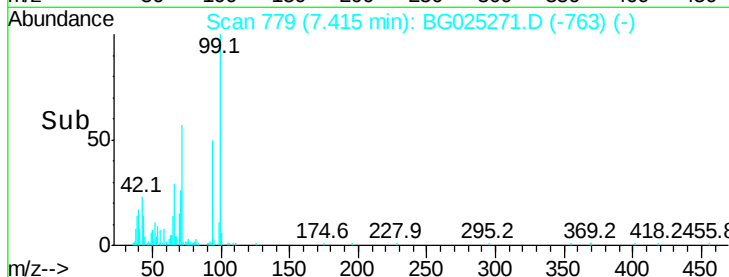
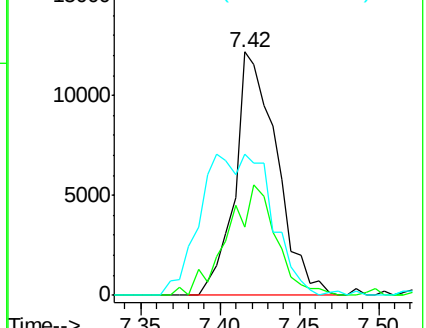
66 57.9 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#28

Naphthalene

Concen: 1.66 ng/ul

RT: 11.12 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

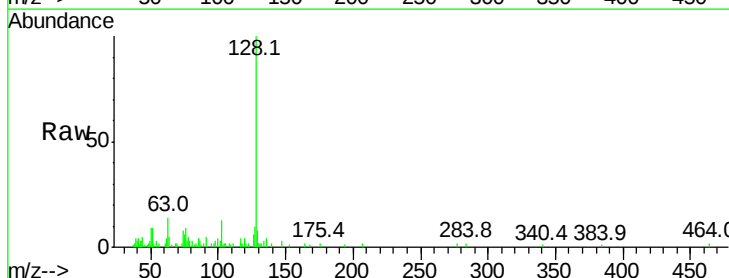
Tgt Ion:128 Resp: 22625

Ion Ratio Lower Upper

128 100

129 8.3 9.4 14.2#

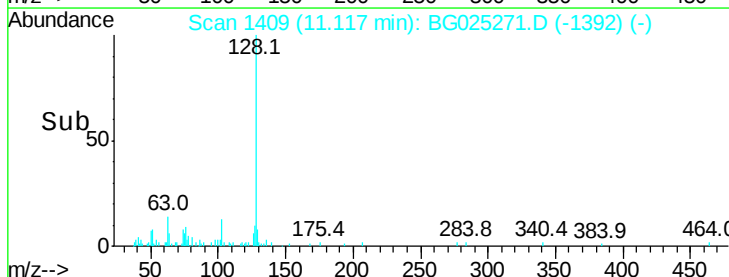
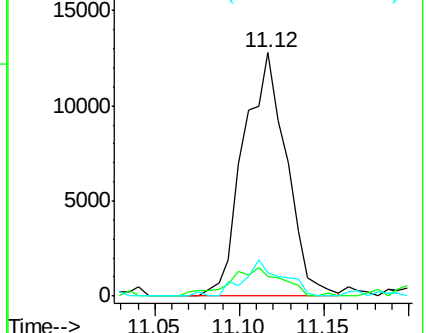
127 9.8 10.3 15.5#

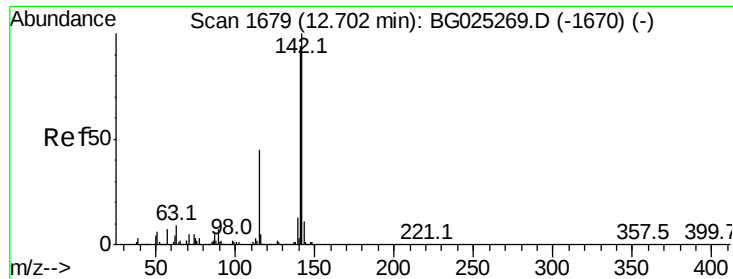


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

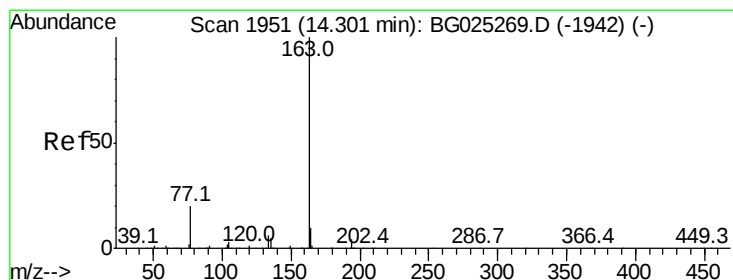
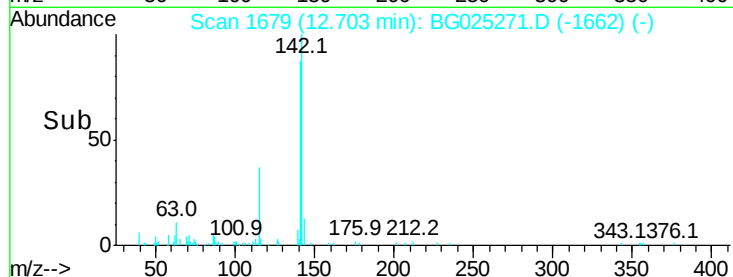
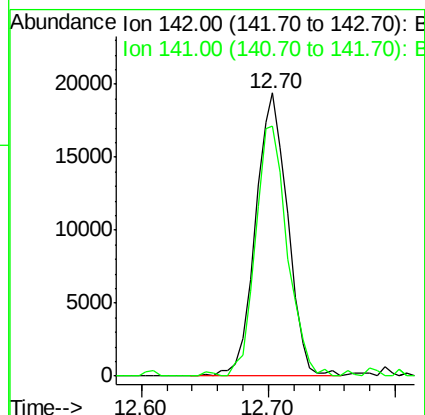
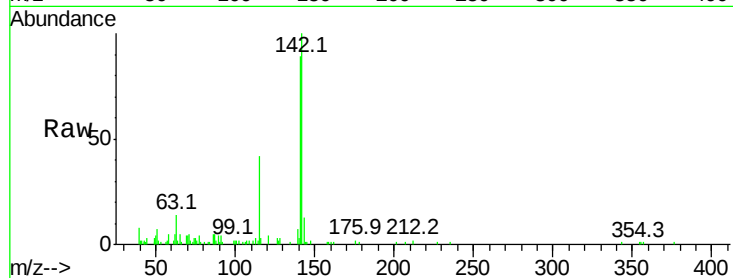




#34
 2-Methylnaphthalene
 Concen: 3.16 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG025271.D
 Acq: 17 Dec 2016 12:55

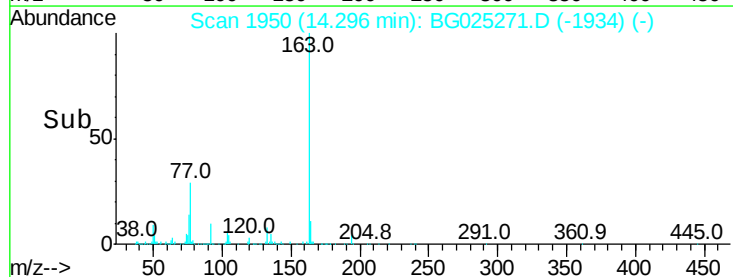
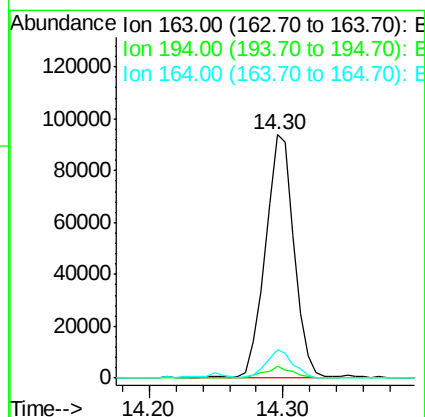
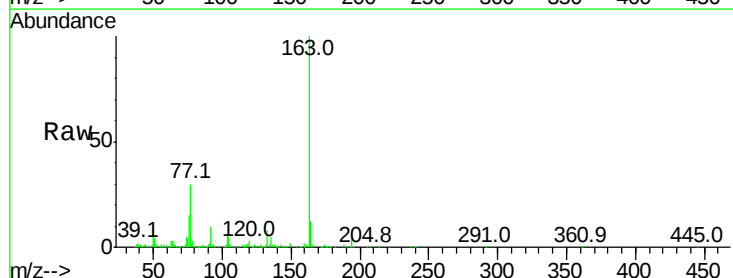
Instrument :
 BNA_G
 ClientSampleId :
 DA8T8

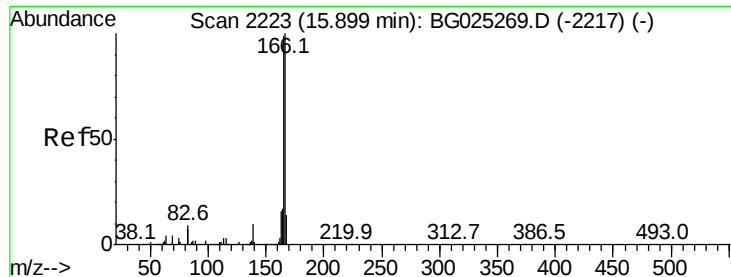
Tot Ion:142 Resp: 34063
 Ion Ratio Lower Upper
 142 100
 141 88.5 68.6 102.8



#44
 Dimethylphthalate
 Concen: 9.67 ng/ul
 RT: 14.30 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BG025271.D
 Acq: 17 Dec 2016 12:55

Tgt Ion:163 Resp: 140221
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.4 5.0
 164 11.6 9.0 13.4





#58

Fluorene

Concen: 1.19 ng/ul

RT: 15.91 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

Instrument :

BNA_G

ClientSampleId :

DA8T8

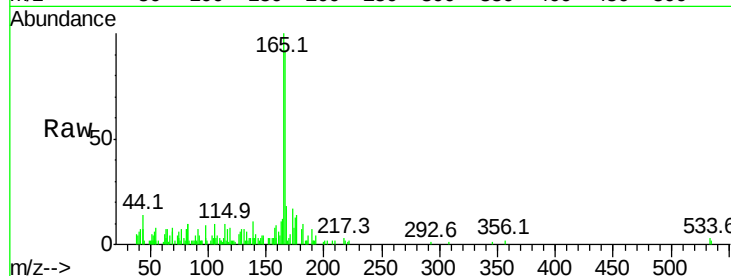
Tot Ion:166 Resp: 16466

Ion Ratio Lower Upper

166 100

165 109.2 79.7 119.5

167 19.2 11.4 17.2#



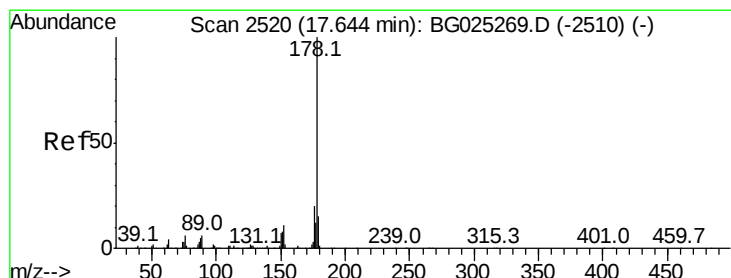
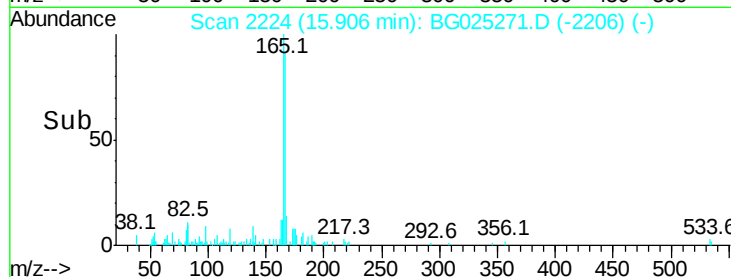
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.91

Time-->



#69

Phenanthrene

Concen: 1.00 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025271.D

Acq: 17 Dec 2016 12:55

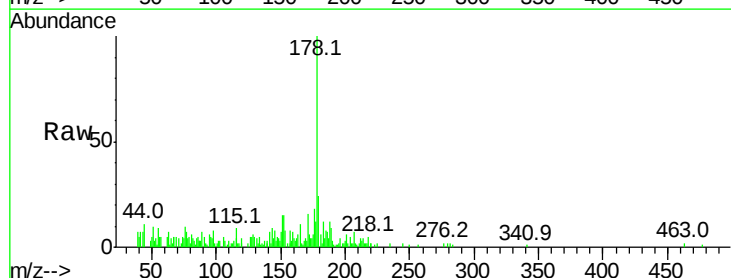
Tgt Ion:178 Resp: 22180

Ion Ratio Lower Upper

178 100

179 23.9 12.4 18.6#

176 17.7 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

17.64

Time-->

