

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028285.D
 Acq On : 11 Aug 2017 8:32
 Operator : SJ/JU
 Sample : I4550-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 11 11:09:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 04:08:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43136	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	192398	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	132969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	314179	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	333096	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	328019	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3837	4.14	ng/uL	0.00
5) Phenol-d5	7.50	99	96026	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	59579	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	69074	23.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	66230	16.73	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	34647	23.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	41582	25.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	78602	23.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75106	19.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	278439	23.54	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	317506	23.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	25203	13.40	ng/ul	0.00
57) Fluorene-d10	15.95	176	234107	22.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	34078	16.70	ng/ul	0.00
70) Anthracene-d10	17.71	188	314179	20.85	ng/ul	-0.10
76) Pyrene-d10	20.08	212	424253	24.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	383541	24.98	ng/ul	0.00

Target Compounds

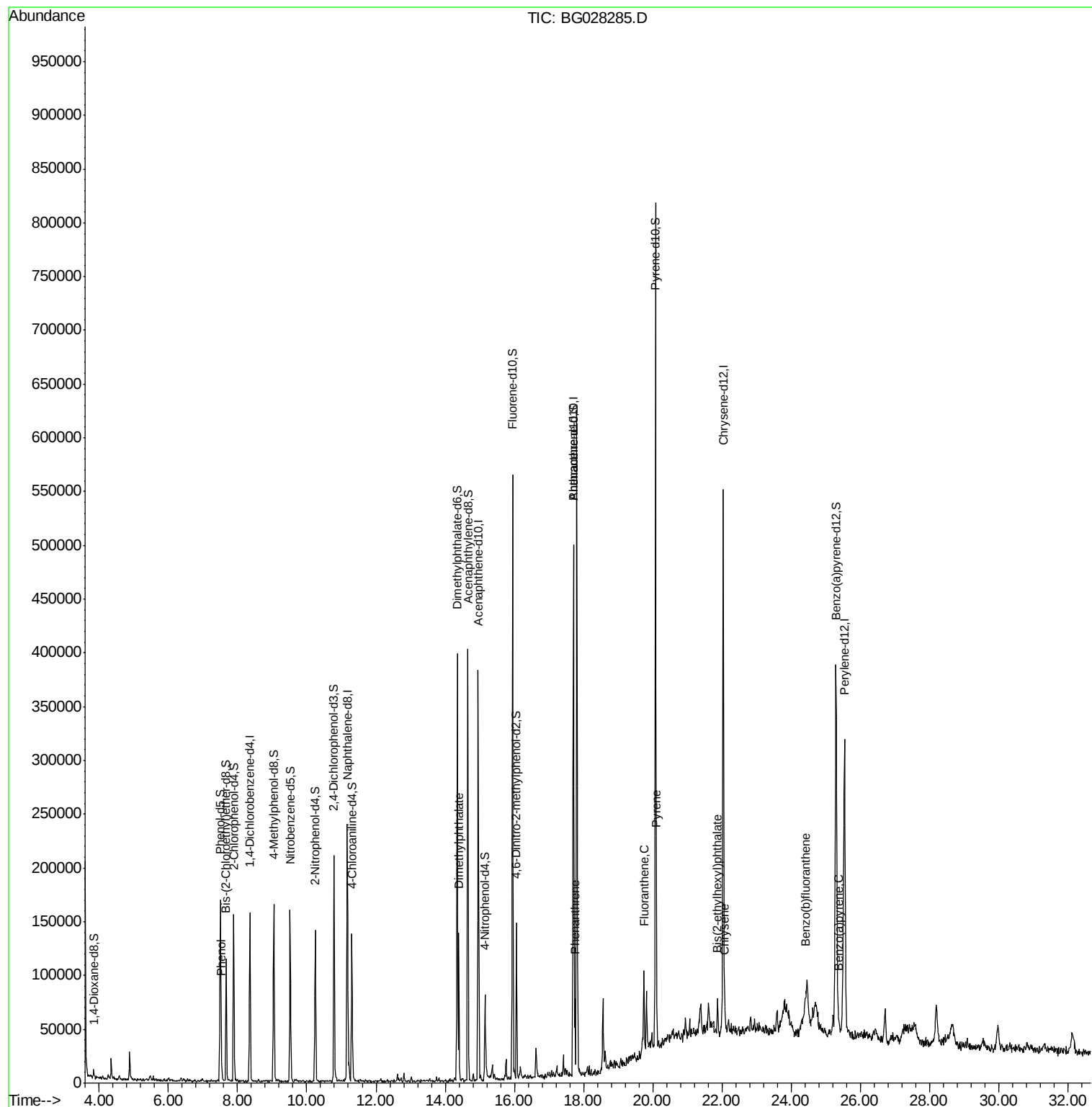
					Ovalue	
6) Phenol	7.53	94	14876	3.160	ng/ul	91
44) Dimethylphthalate	14.39	163	86011	7.899	ng/ul#	96
69) Phenanthrene	17.75	178	41544	2.628	ng/ul	99
74) Fluoranthene	19.75	202	48168	2.507	ng/ul#	95
77) Pyrene	20.10	202	40833	2.055	ng/ul#	95
81) Bis(2-ethylhexyl)phthalate	21.87	149	11405	1.077	ng/ul#	90
82) Chrysene	22.08	228	18170	1.048	ng/ul	99
85) Benzo(b)fluoranthene	24.42	252	23001	1.172	ng/ul#	94
88) Benzo(a)pyrene	25.37	252	19179	1.009	ng/ul#	93

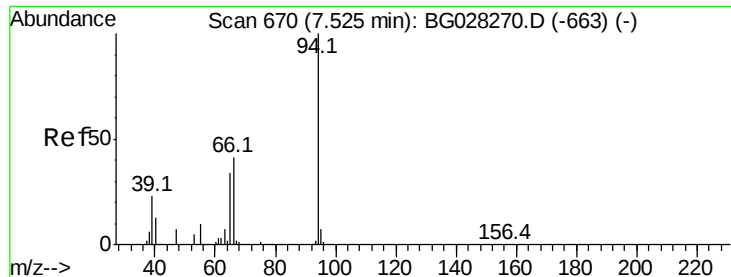
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.160 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

ClientSampleId :

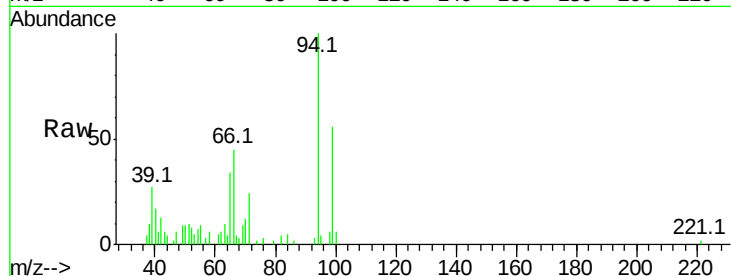
Tot Ion: 94 Resp: 14876

Ion Ratio Lower Upper

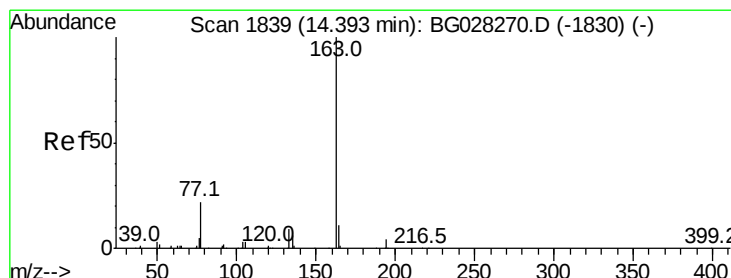
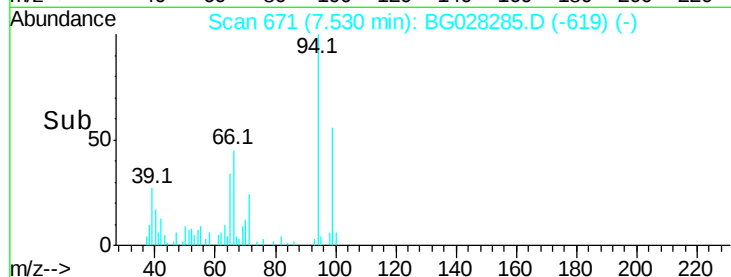
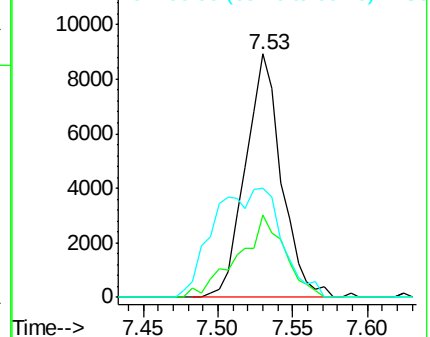
94 100

65 33.8 26.8 40.2

66 45.0 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



#44

Dimethylphthalate

Concen: 7.899 ng/ul

RT: 14.39 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

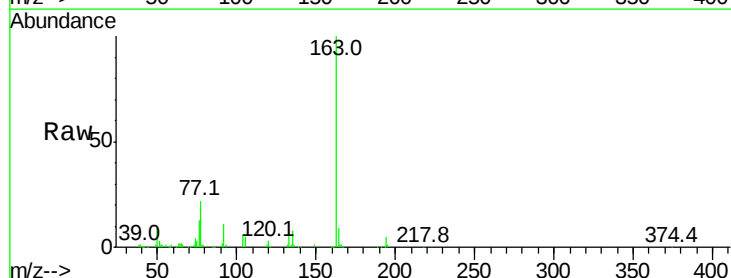
Tgt Ion:163 Resp: 86011

Ion Ratio Lower Upper

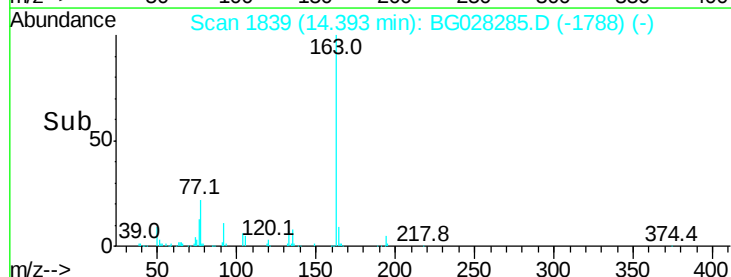
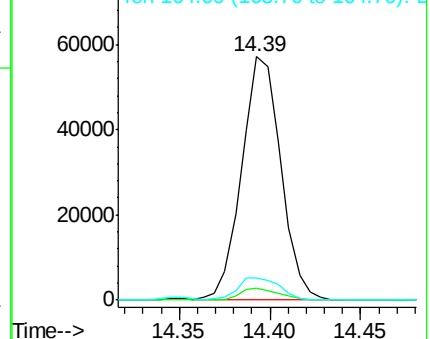
163 100

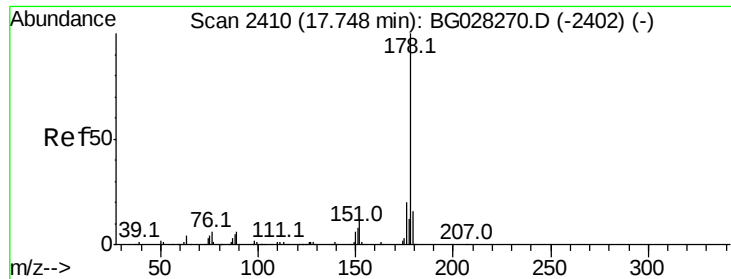
194 5.1 3.4 5.0#

164 9.4 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: 2.628 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

ClientSampleId :

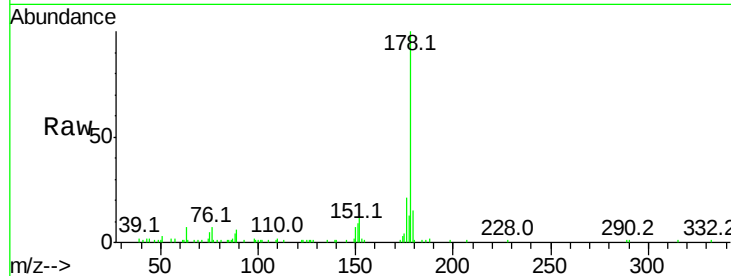
Tot Ion:178 Resp: 41544

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

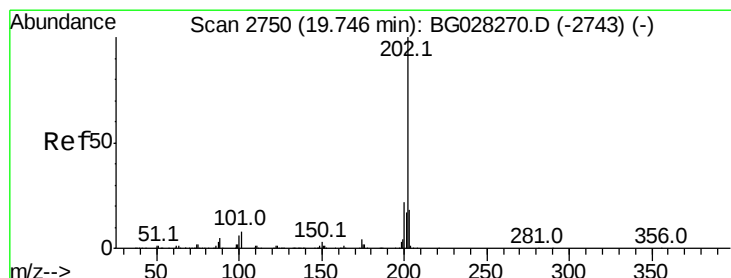
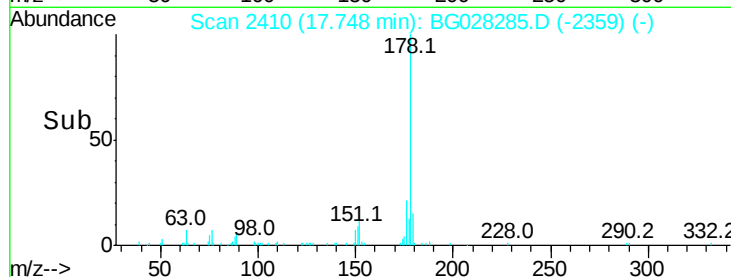
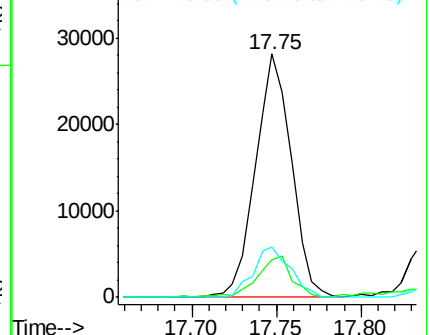
176 20.9 16.5 24.7



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: 2.507 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

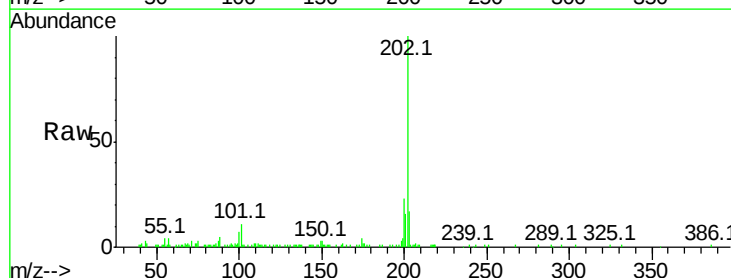
Tgt Ion:202 Resp: 48168

Ion Ratio Lower Upper

202 100

101 10.7 6.2 9.2#

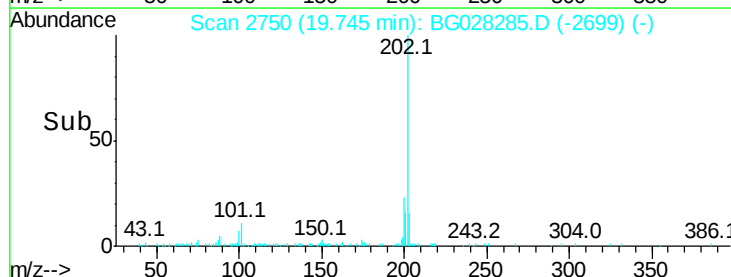
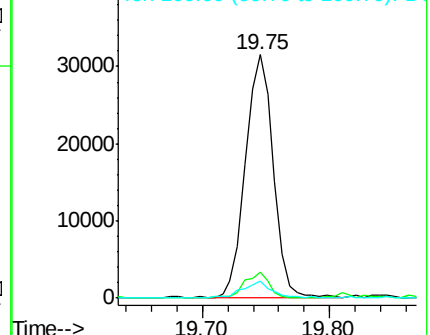
100 6.9 5.2 7.8

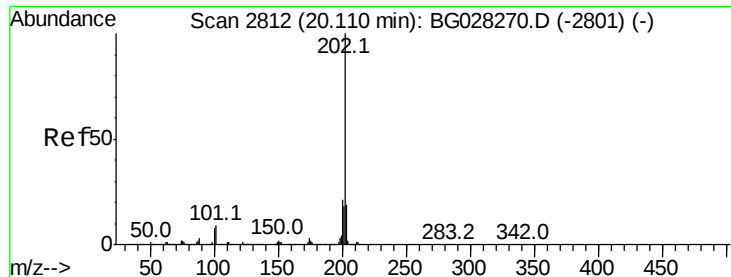


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.055 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

ClientSampleId :

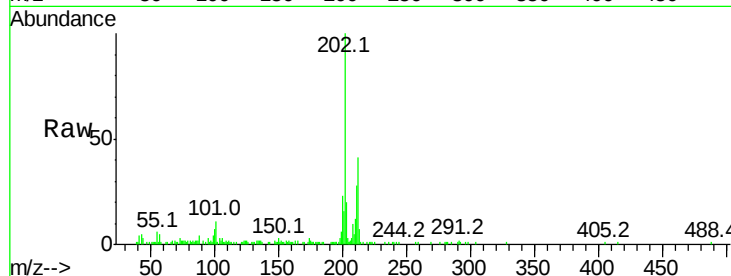
Tot Ion:202 Resp: 40833

Ion Ratio Lower Upper

202 100

101 11.0 6.9 10.3#

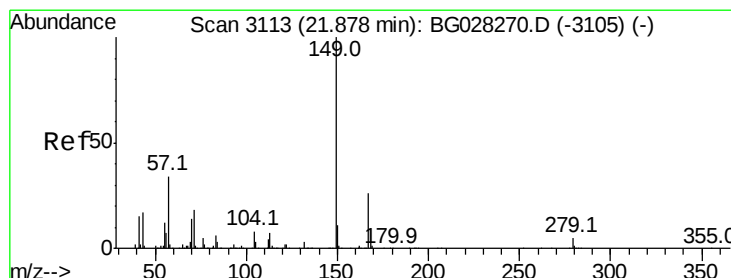
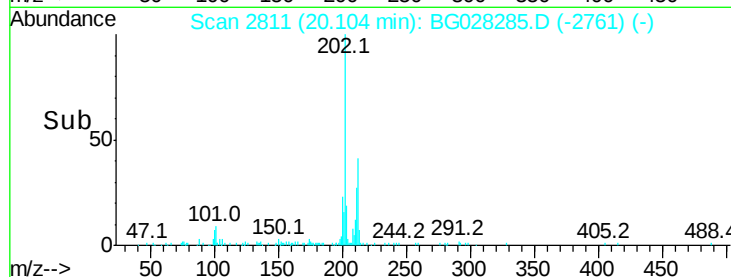
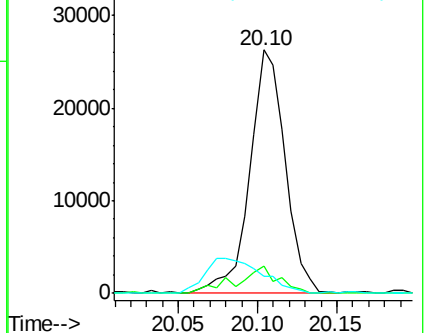
100 6.9 6.6 10.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.077 ng/ul

RT: 21.87 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

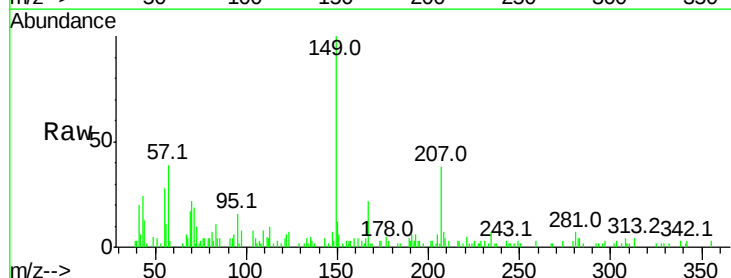
Tgt Ion:149 Resp: 11405

Ion Ratio Lower Upper

149 100

167 21.8 21.8 32.8#

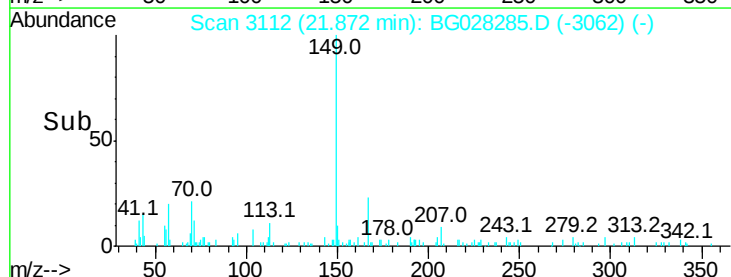
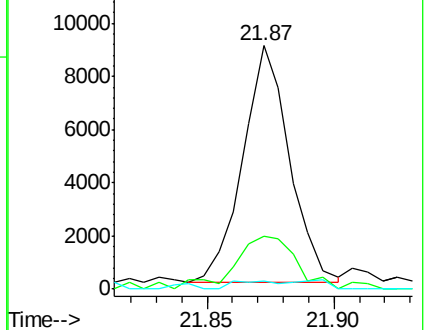
279 3.5 4.5 6.7#

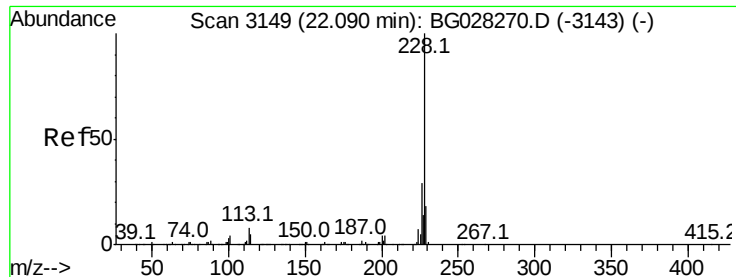


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.048 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

ClientSampled :

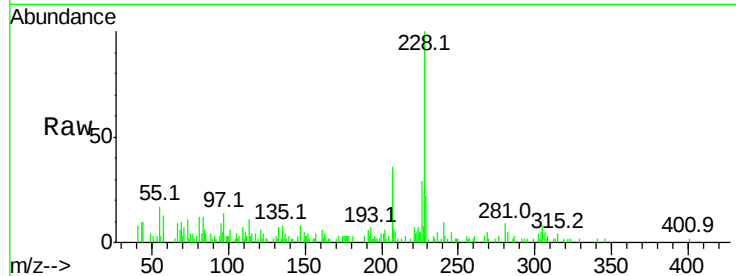
Tot Ion:228 Resp: 18170

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

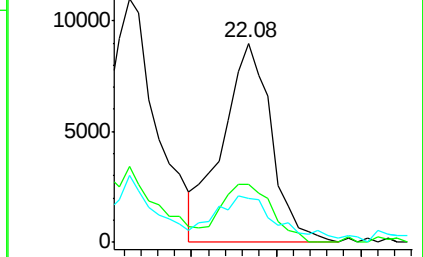
229 22.0 16.9 25.3



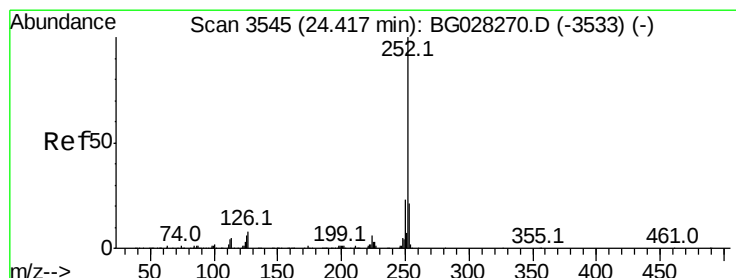
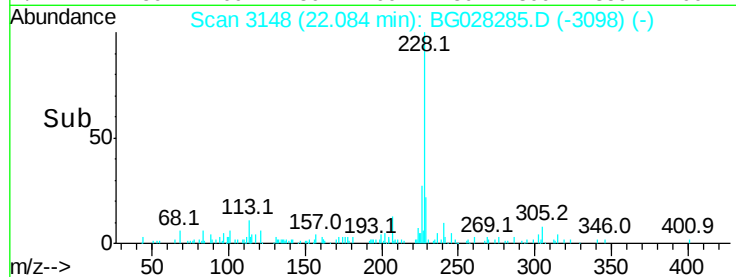
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 1.172 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

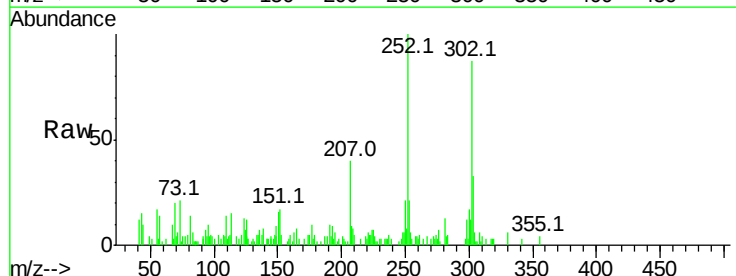
Tgt Ion:252 Resp: 23001

Ion Ratio Lower Upper

252 100

253 20.9 17.7 26.5

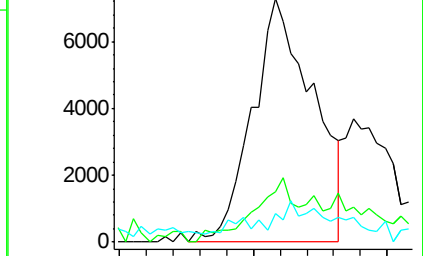
125 11.9 4.0 6.0#



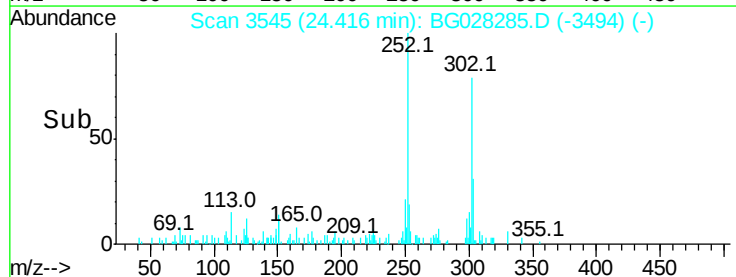
Abundance Ion 252.00 (251.70 to 252.70): E

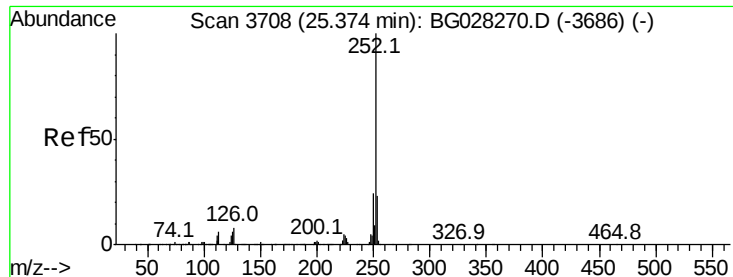
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(a)pyrene

Concen: 1.009 ng/ul

RT: 25.37 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

ClientSampleId :

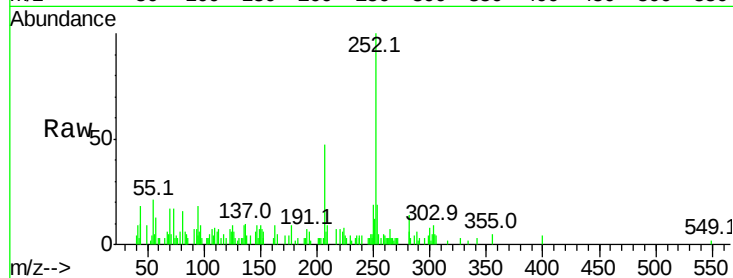
Tot Ion:252 Resp: 19179

Ion Ratio Lower Upper

252 100

253 19.0 17.8 26.6

125 9.3 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

