

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
 Data File : BG019020.D
 Acq On : 5 Oct 2015 00:43
 Operator : UM/NP
 Sample : G3831-05DL 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7DL

Quant Time: Oct 05 02:26:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 02:06:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	106965	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	67072	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	169170	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	221820	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	215015	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.20	99	169	0.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	1067	0.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	764	0.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	453	0.26	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	545	0.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	376	0.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	850	0.51	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	3518	0.67	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	4584	0.70	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.66	176	3664	0.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	78	0.08	ng/ul	0.00
71) Anthracene-d10	17.41	188	169170	21.24	ng/ul	-0.10
79) Pyrene-d10	19.79	212	7042	0.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	6542	0.59	ng/ul	0.00

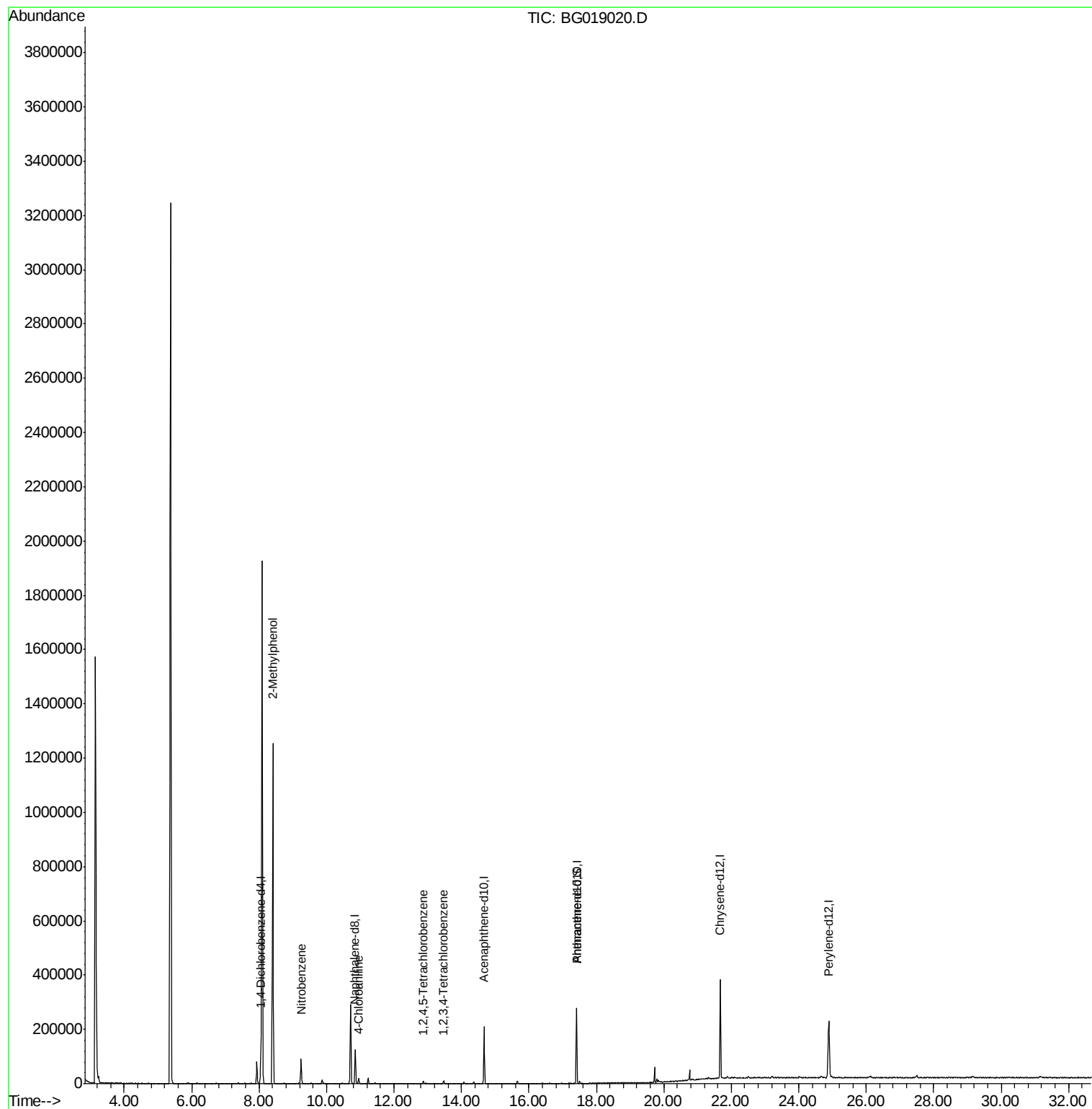
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 2-Methylphenol	8.41	108	4486	2.59	ng/ul	93
20) Nitrobenzene	9.25	77	51690	25.68	ng/ul	99
30) 4-Chloroaniline	10.95	127	9930	4.73	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	3730	1.71	ng/ul#	90
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	4140	1.81	ng/ul#	81

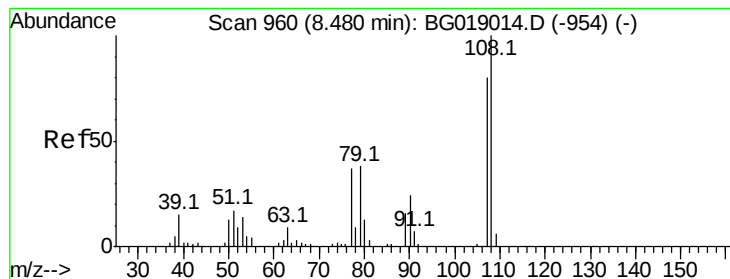
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 2.59 ng/ul

RT: 8.41 min Scan# 948

Delta R.T. -0.07 min

Lab File: BG019020.D

Acq: 5 Oct 2015 00:43

Instrument :

BNA_G

ClientSampleId :

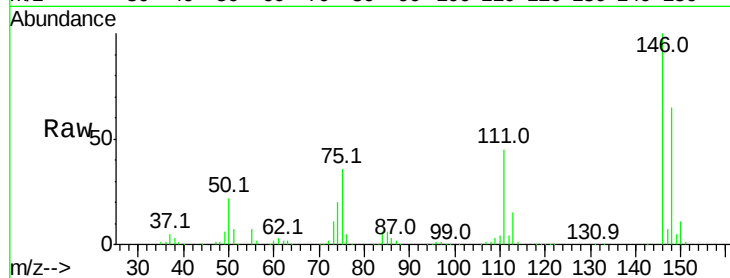
C0AP7DL

Tot Ion:108 Resp: 4486

Ion Ratio Lower Upper

108 100

107 89.2 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.41

2500

2000

1500

1000

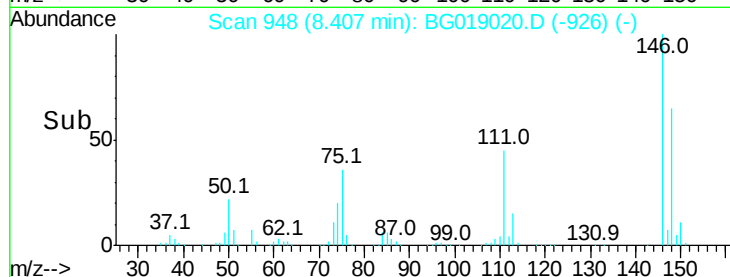
500

0

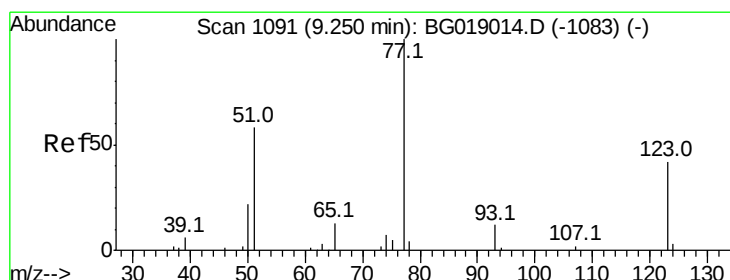
8.35

8.40

8.45



Time-->



#20

Nitrobenzene

Concen: 25.68 ng/ul

RT: 9.25 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BG019020.D

Acq: 5 Oct 2015 00:43

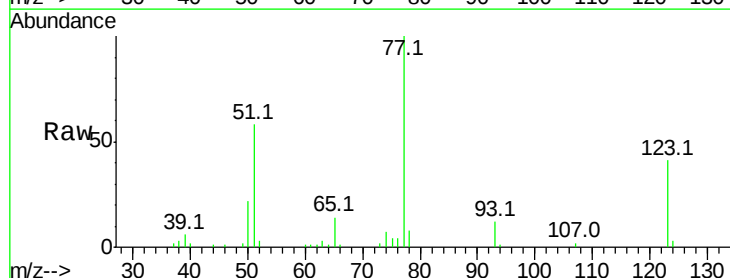
Tgt Ion: 77 Resp: 51690

Ion Ratio Lower Upper

77 100

123 40.8 32.6 48.8

65 14.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

9.25

40000

30000

20000

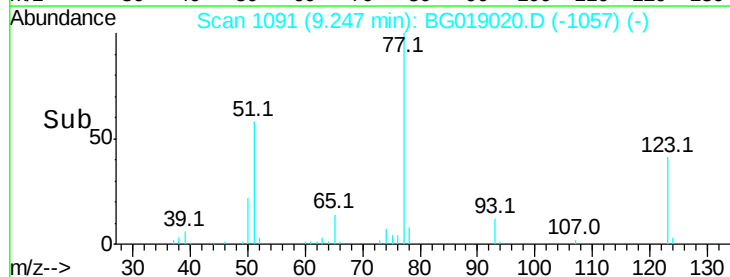
10000

0

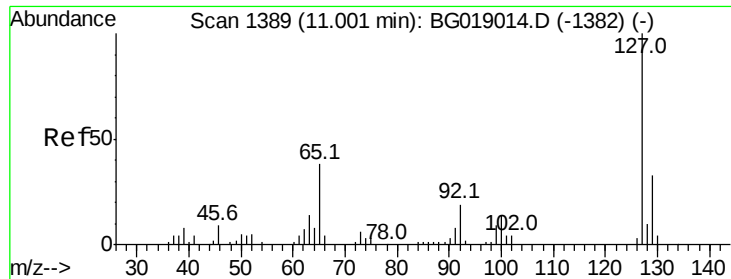
9.20

9.25

9.30



Time-->



#30

4-Chloroaniline

Concen: 4.73 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.05 min

Lab File: BG019020.D

Acq: 5 Oct 2015 00:43

Instrument :

BNA_G

ClientSampleId :

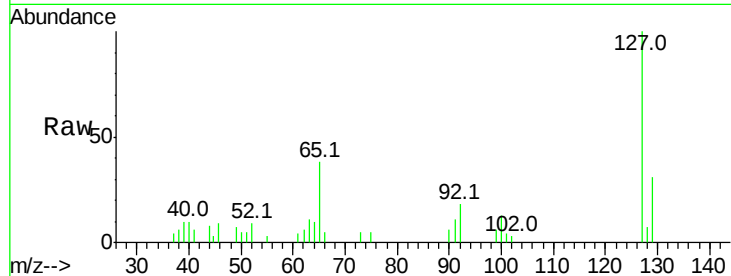
C0AP7DL

Tot Ion:127 Resp: 9930

Ion Ratio Lower Upper

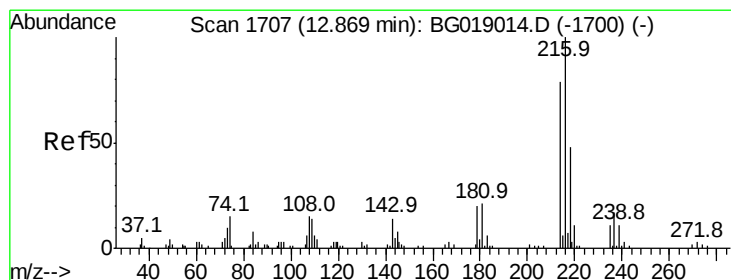
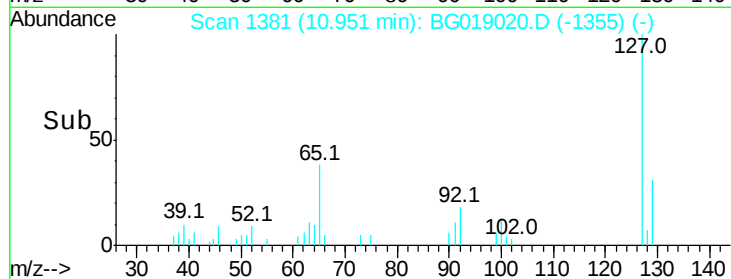
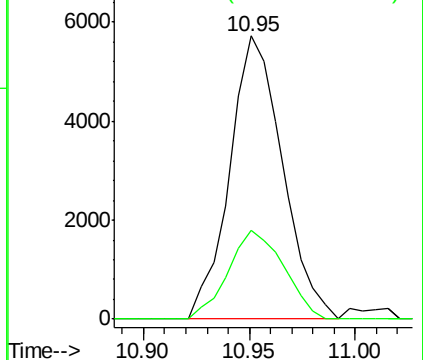
127 100

129 31.2 24.3 36.5



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.71 ng/ul

RT: 12.87 min Scan# 1707

Delta R.T. -0.00 min

Lab File: BG019020.D

Acq: 5 Oct 2015 00:43

Tgt Ion:216 Resp: 3730

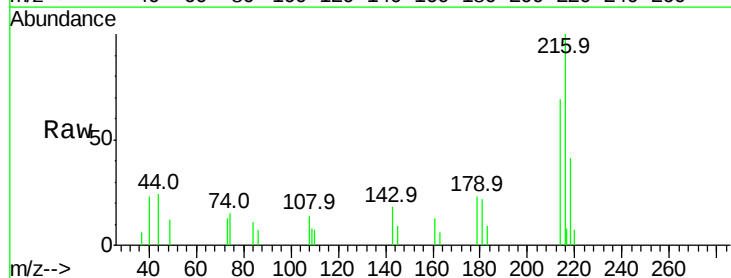
Ion Ratio Lower Upper

216 100

214 68.6 62.6 94.0

179 22.7 14.6 22.0#

108 14.0 12.9 19.3

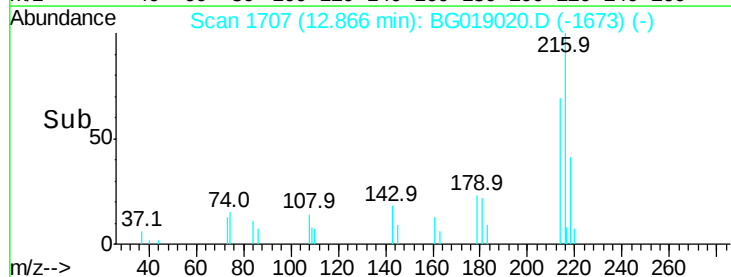
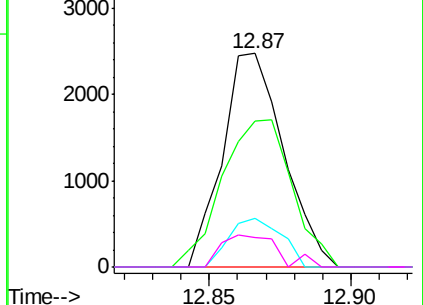


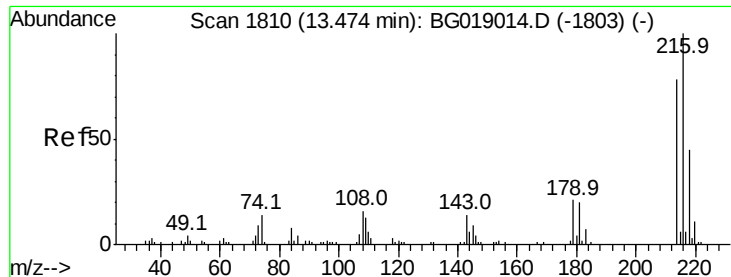
Abundance Ion 216.00 (215.70 to 216.70): E

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.81 ng/uL

RT: 13.47 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BG019020.D

Acq: 5 Oct 2015 00:43

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C0AP7DL

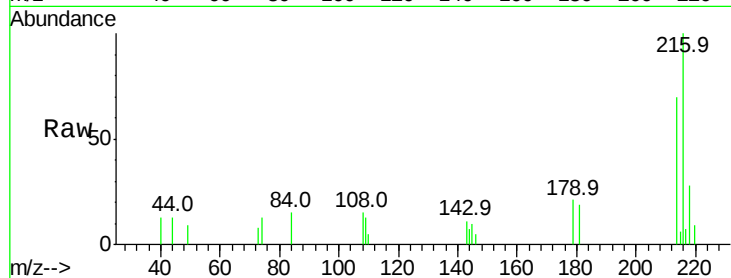
Tot Ion:216 Resp: 4140

Ion Ratio Lower Upper

216 100

214 70.4 64.5 96.7

218 28.3 40.4 60.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

