

Data Path : Z:\HPCHEM1\BNA_G\Data\BG033016\
 Data File : BG021588.D
 Acq On : 30 Mar 2016 19:44
 Operator : UM/SJ
 Sample : H1935-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD3DL

Manual Integrations
 APPROVED

Sohil
 3/31/2016 1:24:01 PM

Quant Time: Apr 13 08:46:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 02:07:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	9541m	20.00	ng/ul	0.02
18) Naphthalene-d8	10.86	136	36953	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	23515	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	62397	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	71113	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	69923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.36	99	710m	0.79	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.38	67	2861	5.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	3026	4.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.86	113	1547	2.00	ng/ul	0.01
19) Nitrobenzene-d5	9.22	128	1950	7.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	2032	6.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	3227	5.70	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	13826	7.06	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	16530	6.85	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.65	176	12639	7.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	1694	4.11	ng/ul	0.00
71) Anthracene-d10	17.51	188	22079	7.22	ng/ul	0.00
79) Pyrene-d10	19.79	212	25514	7.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	25453	7.89	ng/ul	0.00

Target Compounds						Qvalue
10) 2-Chlorophenol	7.68	128	2328	3.31	ng/ul#	85
20) Nitrobenzene	9.26	77	23233	29.67	ng/ul	99
23) 2-Nitrophenol	9.98	139	749	2.14	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	3539	4.30	ng/ul#	90

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

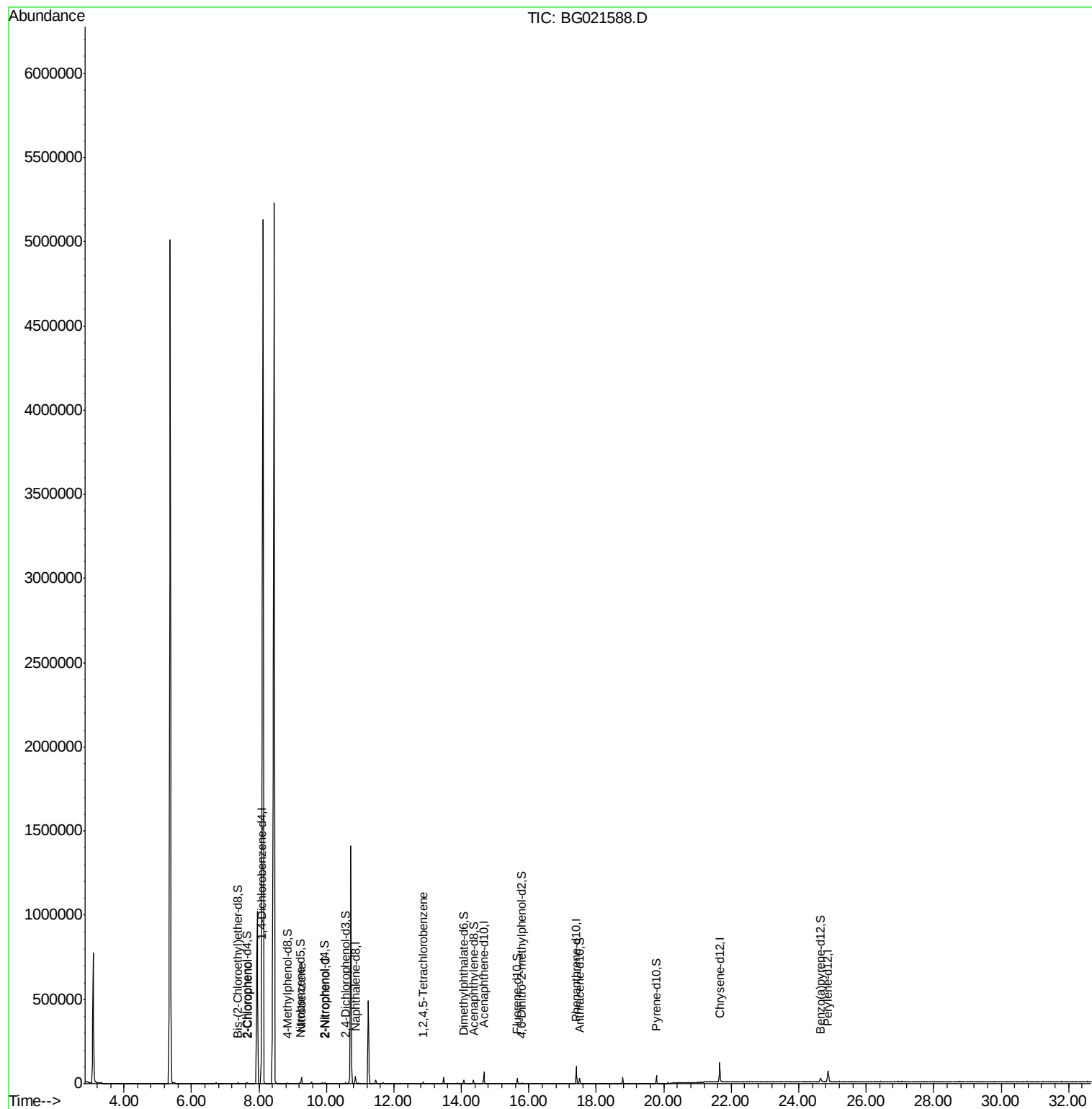
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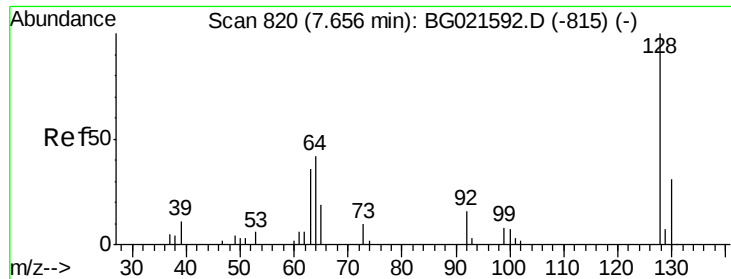
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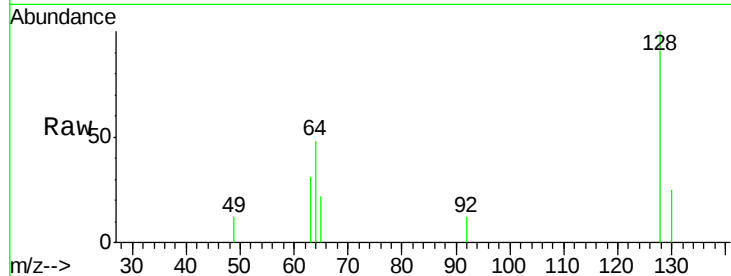
#10
2-Chlorophenol
Concen: 3.31 ng/ul
RT: 7.68 min Scan# 823
Delta R.T. 0.02 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

Instrument :
BNA_G
ClientSampleId :
C0AD3DL

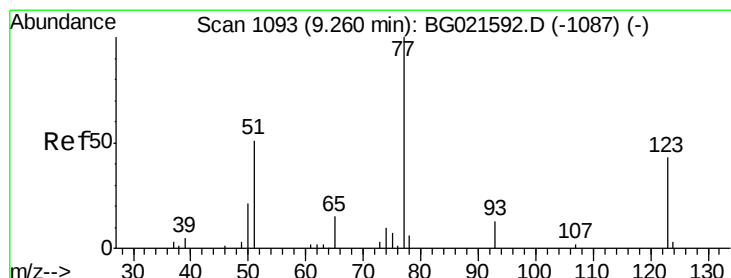
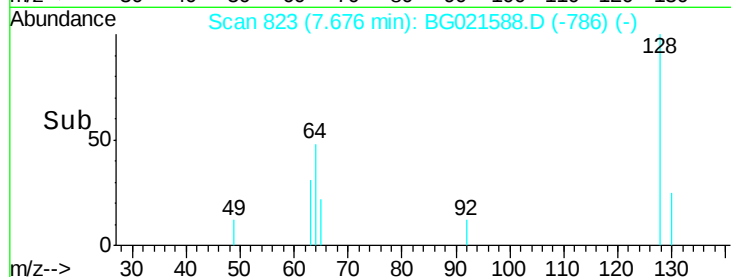
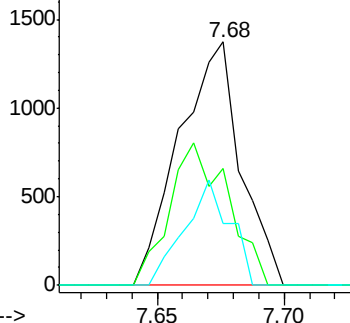
Tgt Ion	Ratio	Lower	Upper
128	100		
64	47.9	47.0	70.6
130	25.5	27.8	41.6#

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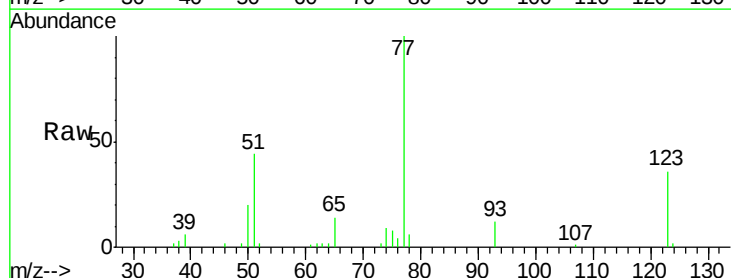


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E

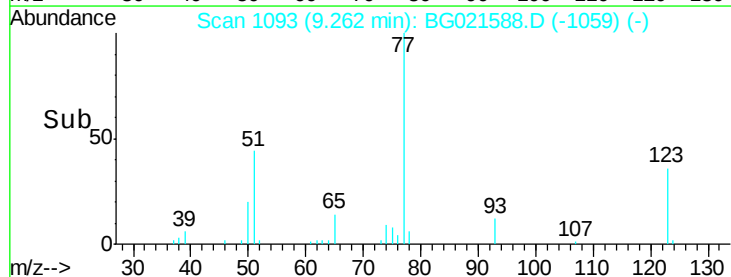
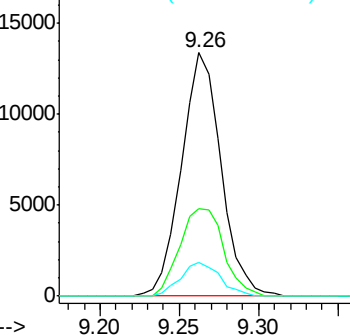


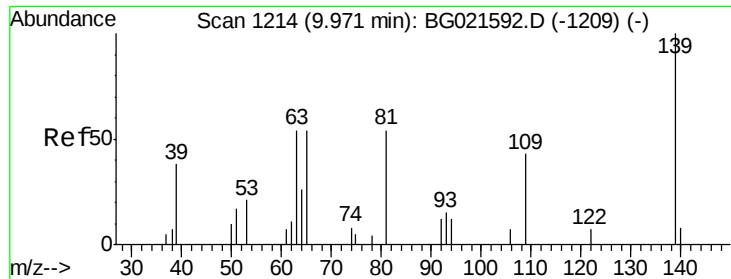
#20
Nitrobenzene
Concen: 29.67 ng/ul
RT: 9.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BG021588.D
Acq: 30 Mar 2016 19:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	28.4	42.6
65	13.7	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





#23

2-Nitrophenol

Concen: 2.14 ng/ul

RT: 9.98 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BG021588.D

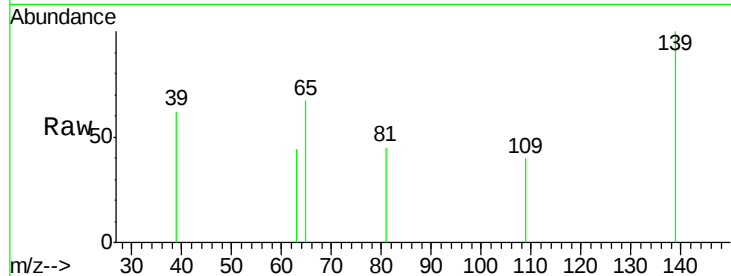
Acq: 30 Mar 2016 19:44

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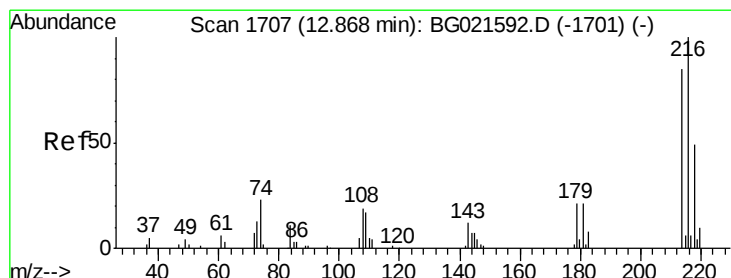
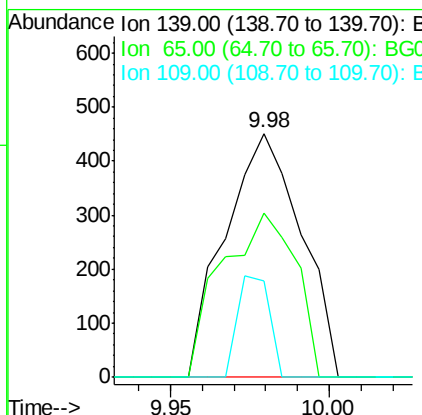
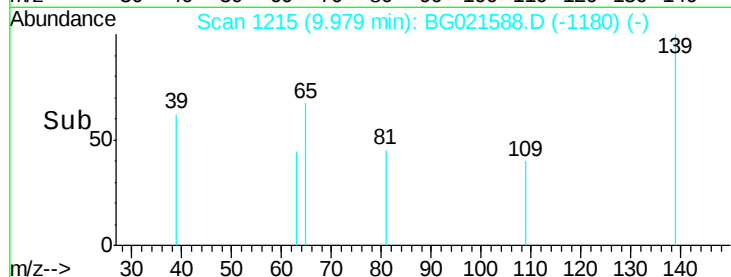
C0AD3DL



Tgt Ion:	139	Resp:	749
Ion Ratio	Lower	Upper	
139	100		
65	67.2	55.0	82.4
109	39.7	31.4	47.2

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#37

1,2,4,5-Tetrachlorobenzene

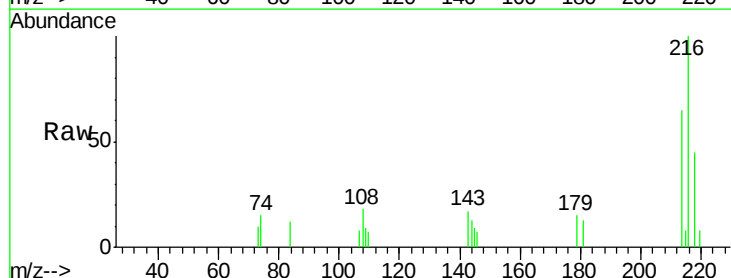
Concen: 4.30 ng/ul

RT: 12.87 min Scan# 1707

Delta R.T. 0.01 min

Lab File: BG021588.D

Acq: 30 Mar 2016 19:44



Tgt Ion:	216	Resp:	3539
Ion Ratio	Lower	Upper	
216	100		
214	65.0	57.8	86.8
179	14.7	19.5	29.3#
108	17.8	15.8	23.8

