

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
 Data File : BG021439.D
 Acq On : 17 Mar 2016 19:23
 Operator : UM/SJ
 Sample : H1785-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD6

Manual Integrations
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 3/18/2016 11:58:54 AM

Quant Time: Mar 18 04:40:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 04:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	13780m	20.00	ng/ul	0.07
18) Naphthalene-d8	10.91	136	42838	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	27603	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	65018	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	76792	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	74704	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	5095	3.91	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.43	67	15134	19.61	ng/ul	0.02
9) 2-Chlorophenol-d4	7.67	132	15886	16.06	ng/ul	0.02
13) 4-Methylphenol-d8	8.87	113	10484	9.40	ng/ul	0.02
19) Nitrobenzene-d5	9.27	128	11069	34.44	ng/ul	0.02
22) 2-Nitrophenol-d4	9.99	143	11981	32.61	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	19153	29.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	497	0.58	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	75334	32.78	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	91782	32.40	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	2052	5.59	ng/ul	0.01
58) Fluorene-d10	15.68	176	65343	31.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	13938	32.45	ng/ul	0.00
71) Anthracene-d10	17.54	188	109362	34.32	ng/ul	0.00
79) Pyrene-d10	19.82	212	128685	35.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	133566	38.74	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.93	105	2261	1.24	ng/ul	86
20) Nitrobenzene	9.35	77	989047	1089.55	ng/ul#	87
23) 2-Nitrophenol	10.02	139	4077	10.05	ng/ul	90
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	26532	27.46	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	53568	58.84	ng/uL	94

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

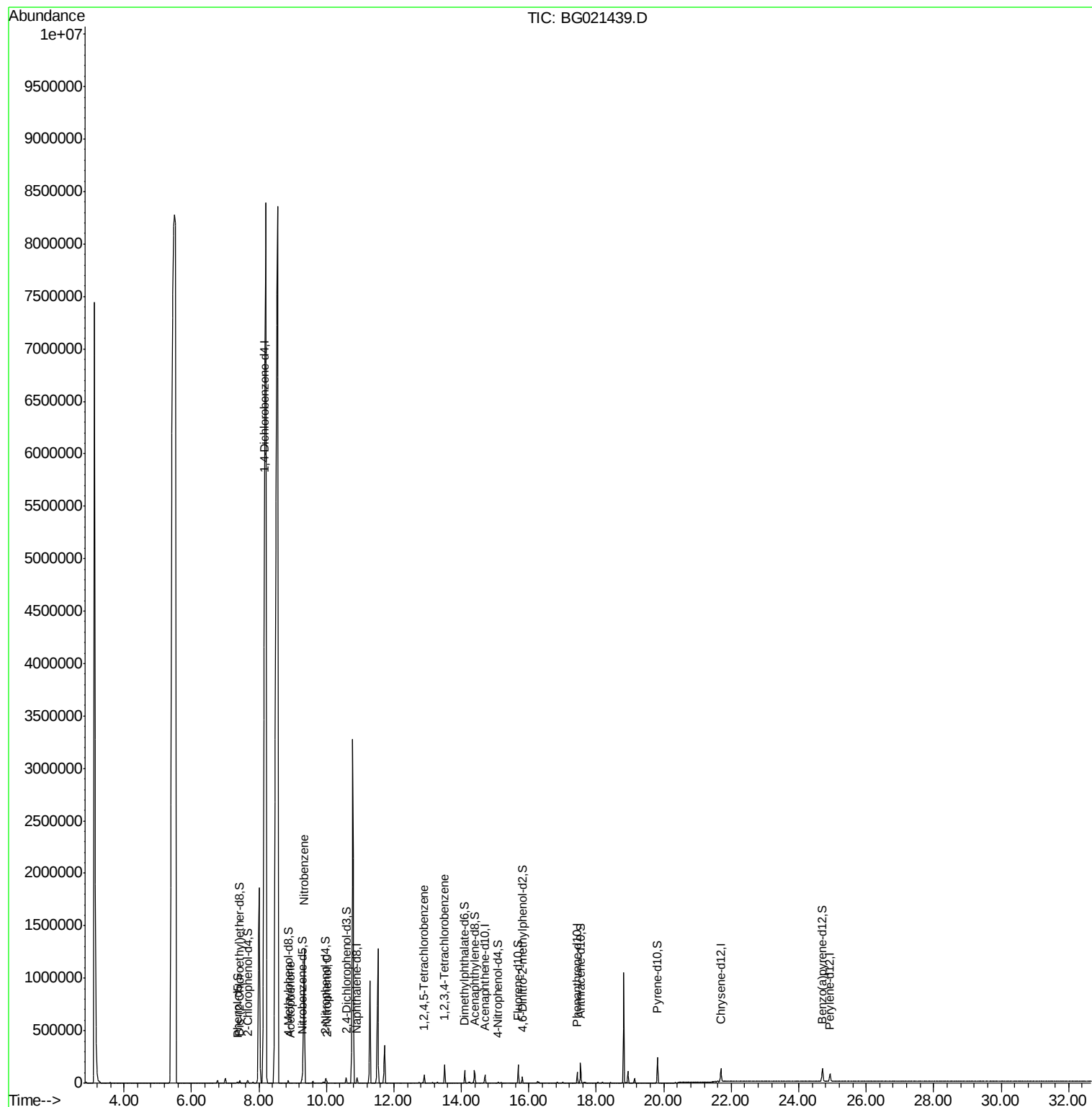
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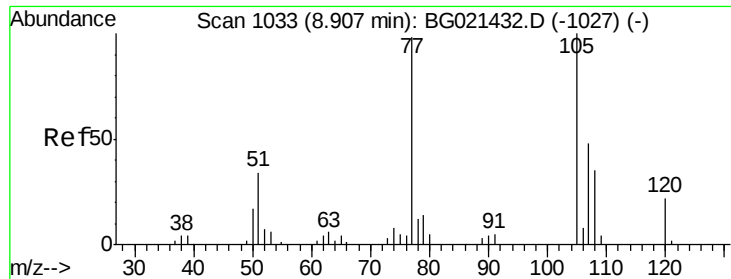
Instrument :
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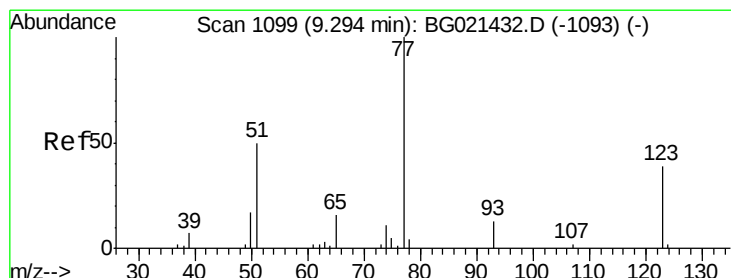
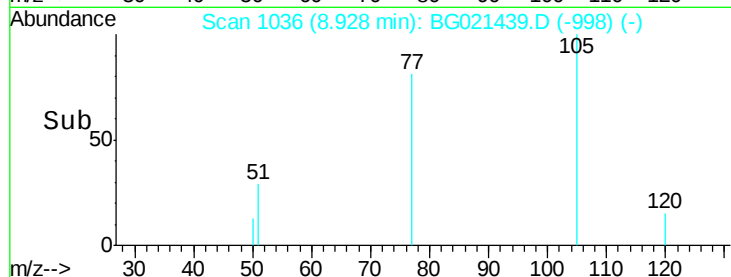
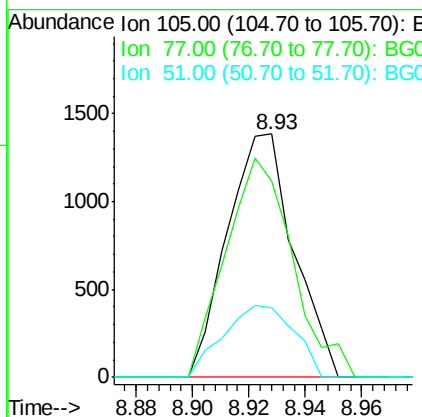
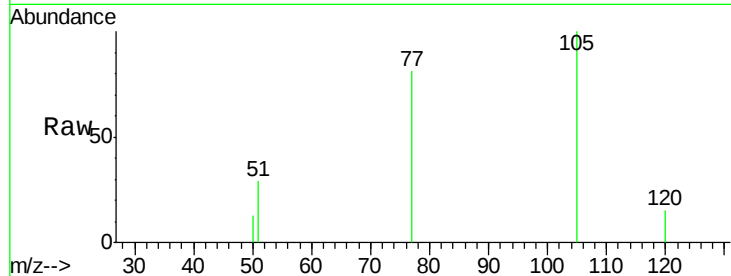
#14
Acetophenone
Concen: 1.24 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG021439.D
Acq: 17 Mar 2016 19:23

Instrument :
BNA_G
ClientSampleId :
C0AD6

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	80.7	76.3	114.5
51	28.6	27.6	41.4

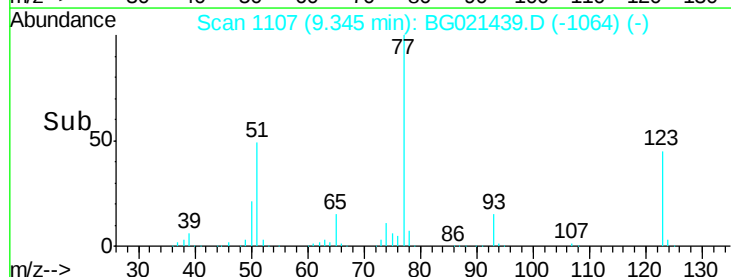
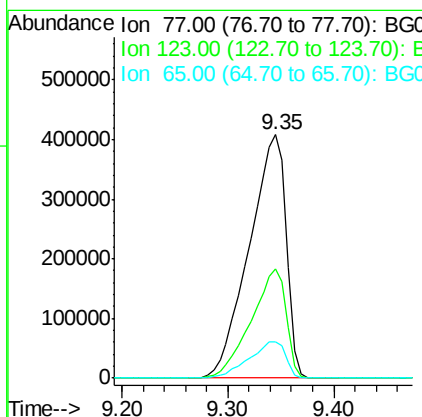
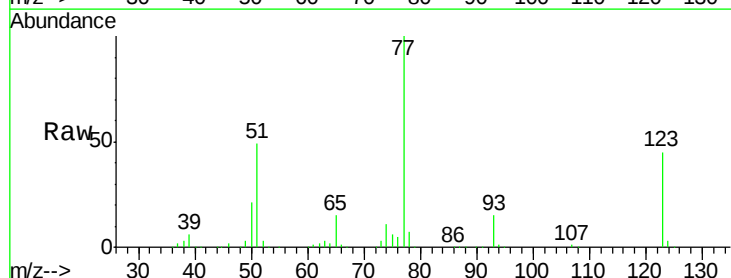
Manual Integrations
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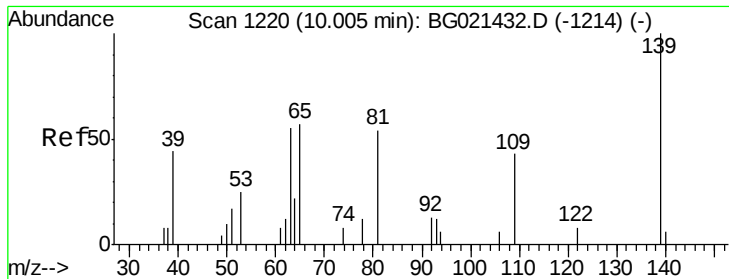
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#20
Nitrobenzene
Concen: 1089.55 ng/ul
RT: 9.35 min Scan# 1107
Delta R.T. 0.05 min
Lab File: BG021439.D
Acq: 17 Mar 2016 19:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	44.9	28.4	42.6#
65	15.1	11.0	16.6





#23

2-Nitrophenol

Concen: 10.05 ng/ul

RT: 10.02 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BG021439.D

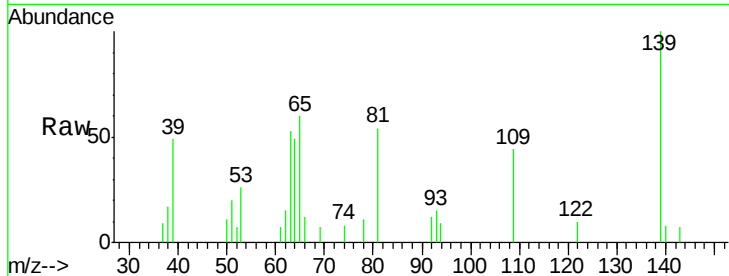
Acq: 17 Mar 2016 19:23

Instrument :

BNA_G

ClientSampled :

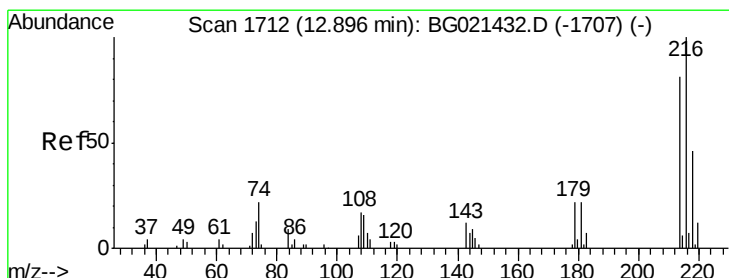
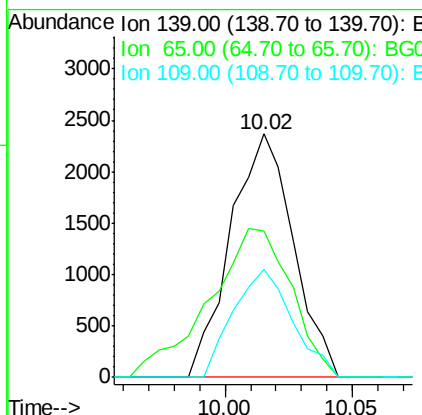
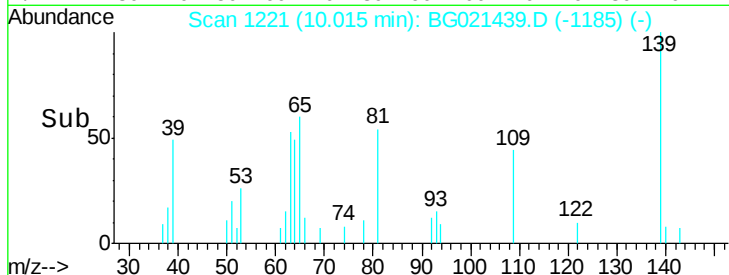
C0AD6



Tgt Ion:	139	Resp:	4077
Ion Ratio	Lower	Upper	
139	100		
65	60.1	55.0	82.4
109	44.4	31.4	47.2

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#37

1,2,4,5-Tetrachlorobenzene

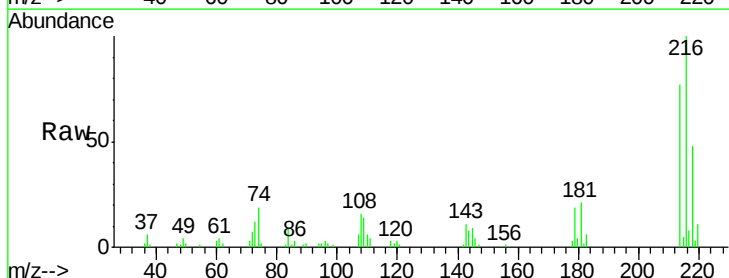
Concen: 27.46 ng/ul

RT: 12.90 min Scan# 1712

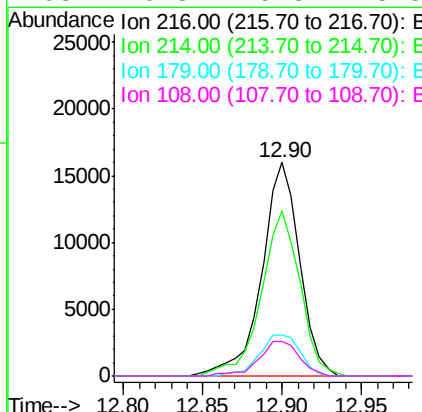
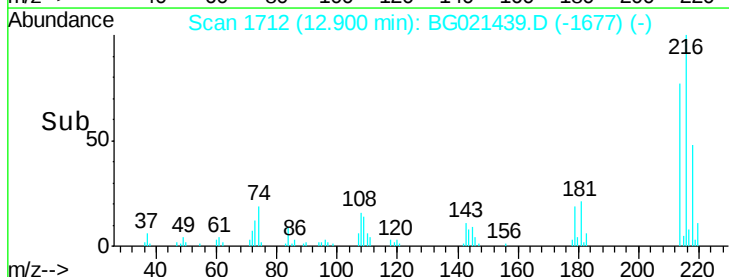
Delta R.T. 0.00 min

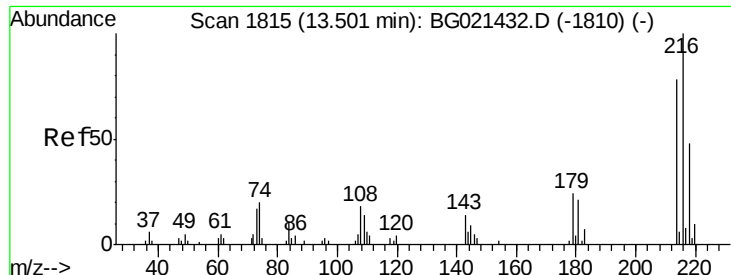
Lab File: BG021439.D

Acq: 17 Mar 2016 19:23



Tgt Ion:	216	Resp:	26532
Ion Ratio	Lower	Upper	
216	100		
214	77.1	57.8	86.8
179	23.2	19.5	29.3
108	16.3	15.8	23.8





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 58.84 ng/uL
 RT: 13.51 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BG021439.D
 Acq: 17 Mar 2016 19:23

Instrument :
 BNA_G
 ClientSampleId :
 C0AD6

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.3	69.2	103.8
218	49.1	41.4	62.0

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