

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024476.D
Acq On : 20 Oct 2016 23:48
Operator : UM/SJ
Sample : MDL-03-S-ML
Misc :
ALS Vial : 19 Sample Multiplier: 1

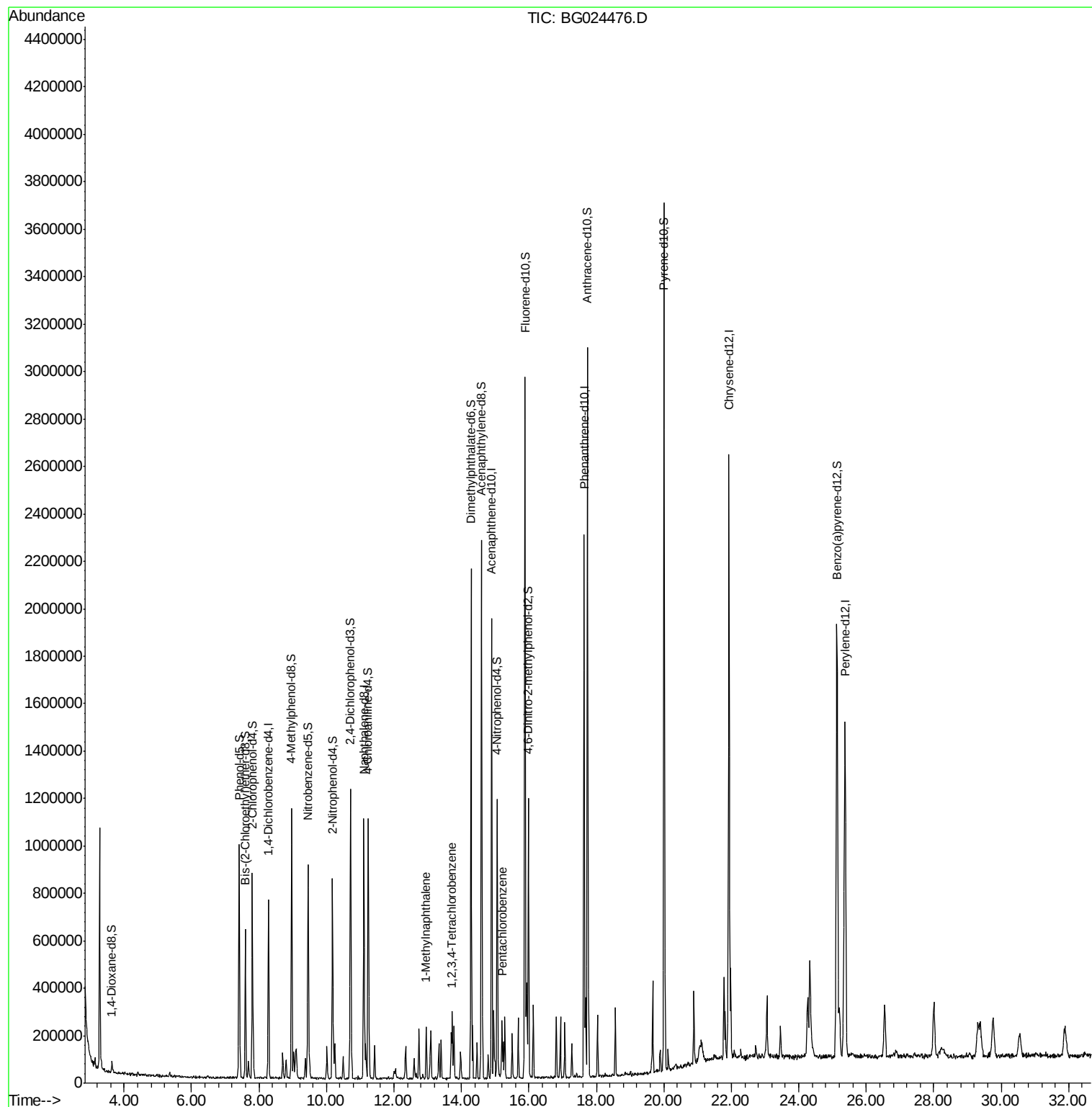
Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

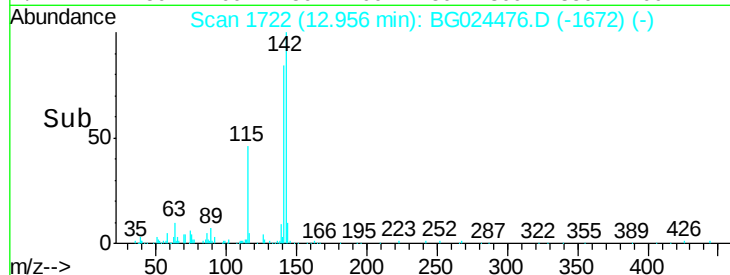
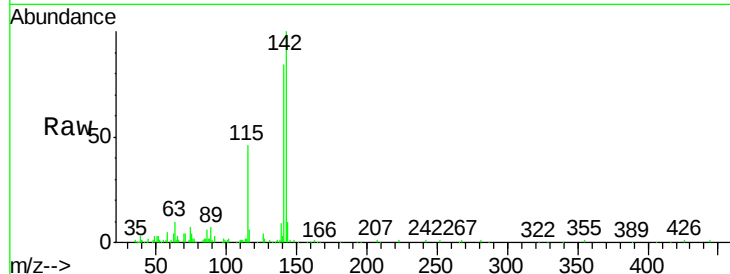
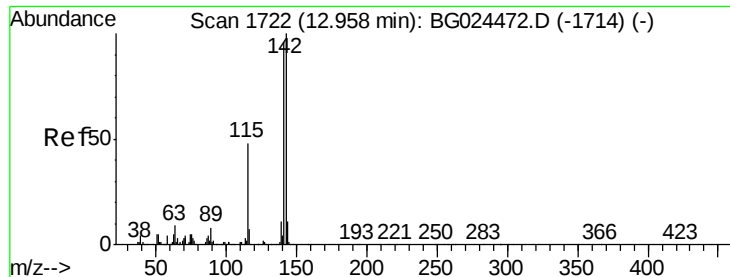
Manual Integrations
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Quant Time: Oct 21 17:53:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 17:27:43 2016
Response via : Initial Calibration





#12
1-Methylnaphthalene
Concen: 2.99 ng/ul m
RT: 12.96 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG024476.D
Acq: 20 Oct 2016 23:48

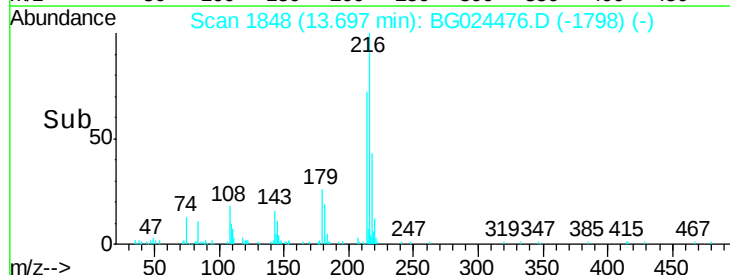
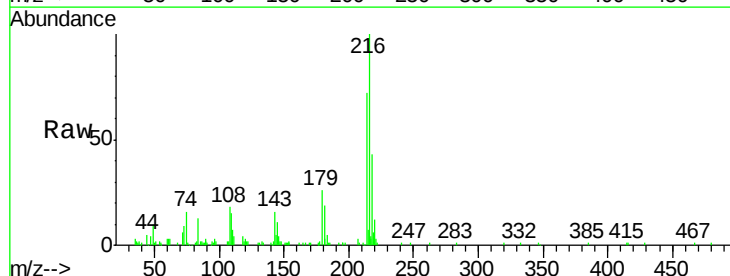
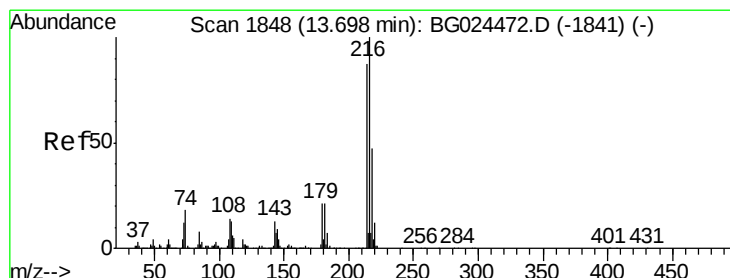
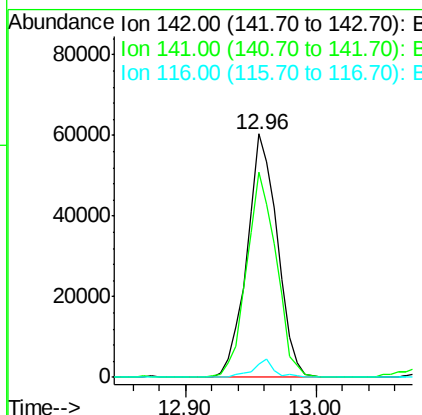
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.1	74.9	112.3
116	5.6	3.1	4.7#

Instrument :
BNA_G
ClientSampleId :
MDL-03-S-ML

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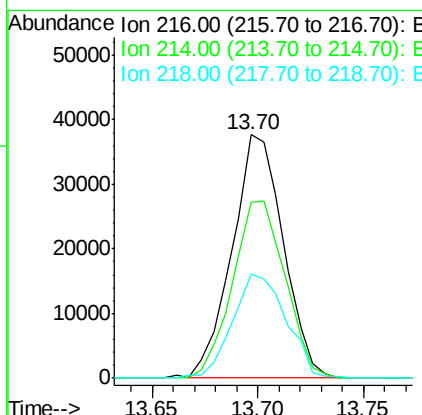
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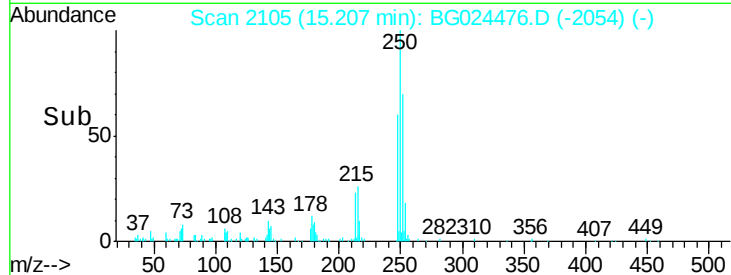
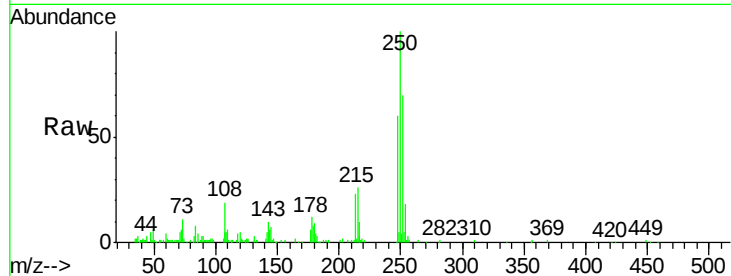
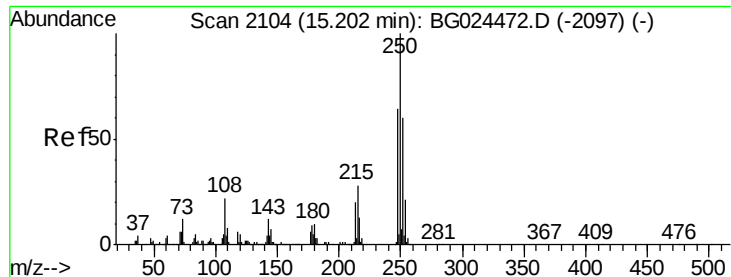
10/21/2016 6:53:34 PM



#21
1,2,3,4-Tetrachlorobenzene
Concen: 2.89 ng/uL
RT: 13.70 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG024476.D
Acq: 20 Oct 2016 23:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	69.9	62.5	93.7
218	41.5	38.4	57.6





#22
 Pentachlorobenzene
 Concen: 2.72 ng/uL
 RT: 15.21 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG024476.D
 Acq: 20 Oct 2016 23:48

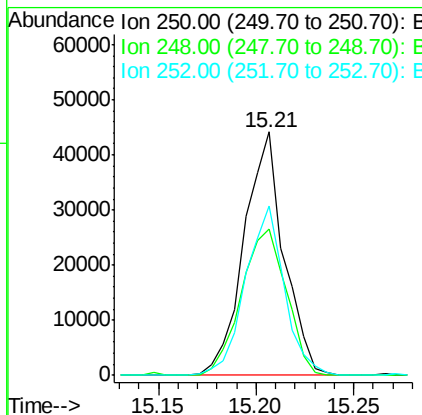
Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion:	250	Resp:	62586
Ion Ratio	Lower	Upper	
250	100		
248	60.2	50.6	75.8
252	69.6	51.4	77.0

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Manual Integrations
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Quant Time: Oct 21 17:53:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 21 17:27:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	188917	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	878633	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.90	164	704026	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1433468	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1642571	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1716038	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	21231	6.01	ng/uL	0.00
3) Phenol-d5	7.41	99	485985	28.29	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	310756	29.26	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	338899	28.03	ng/ul	0.00
6) 4-Methylphenol-d8	8.96	113	420232	29.32	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	192667	29.32	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	219212	28.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	422370	27.25	ng/ul	0.00
11) 4-Chloroaniline-d4	11.23	131	502886	31.19	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1360072	28.65	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	1608452	28.47	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	231418	28.51	ng/ul	0.00
17) Fluorene-d10	15.88	176	1275591	28.20	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.98	200	264897	27.65	ng/ul	0.00
20) Anthracene-d10	17.73	188	1735468	27.25	ng/ul	0.00
24) Pyrene-d10	20.01	212	2033639	28.50	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	2172607	28.94	ng/ul	0.00

Target Compounds					Qvalue
12) 1-Methylnaphthalene	12.96	142	97492m	2.99	ng/ul
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	63296	2.89	ng/uL 91
22) Pentachlorobenzene	15.21	250	62586	2.72	ng/uL 95

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