

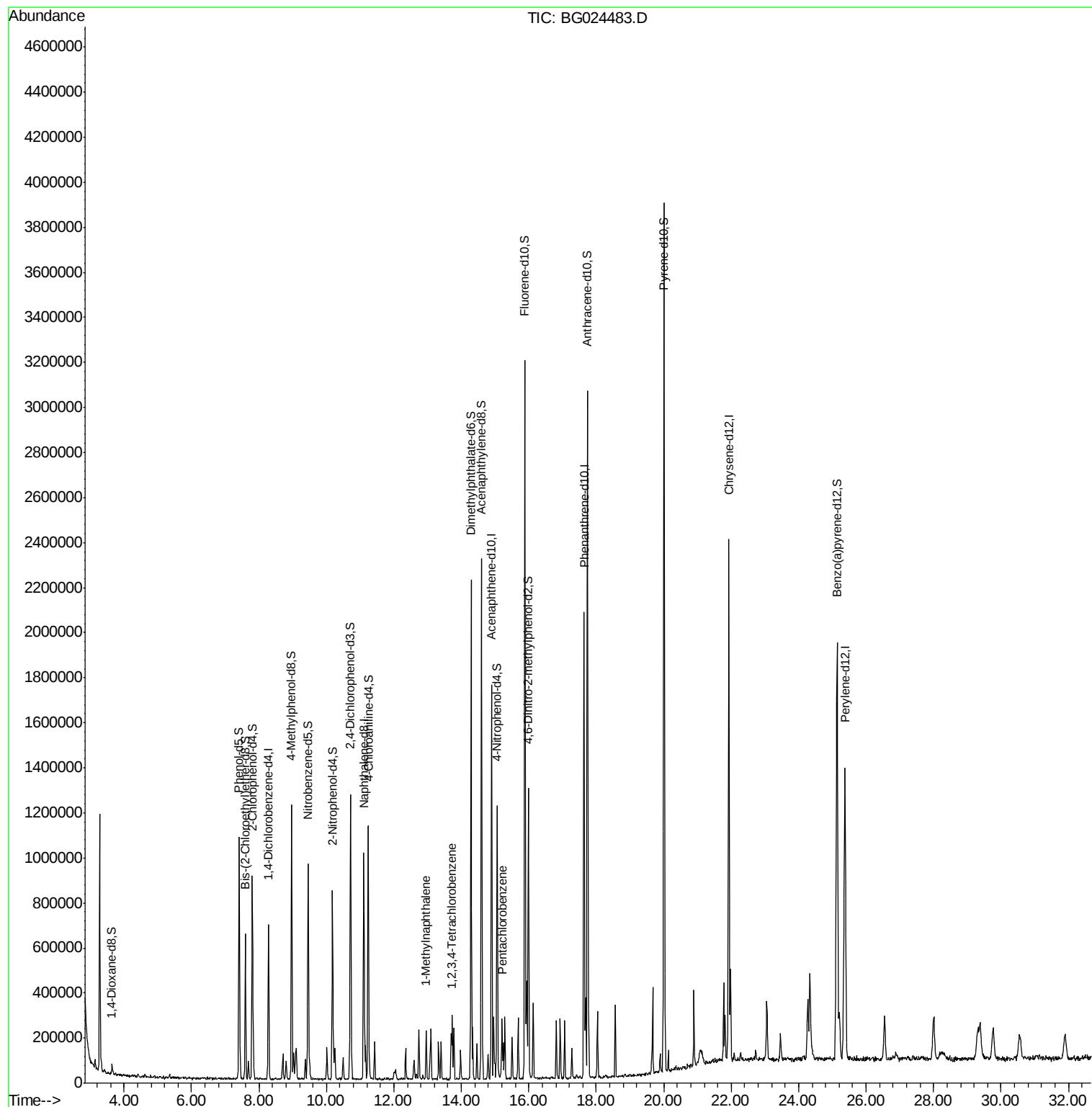
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024483.D
Acq On : 21 Oct 2016 4:19
Operator : UM/SJ
Sample : MDL-01-W
Misc :
ALS Vial : 25 Sample Multiplier: 1

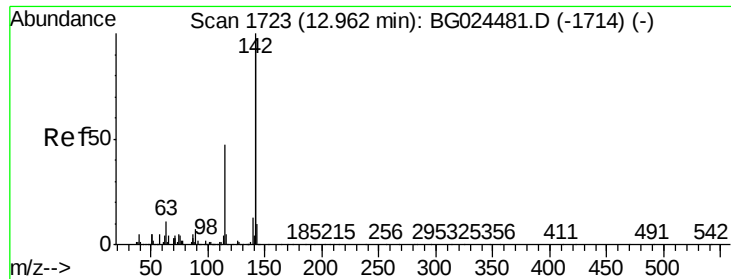
Instrument :
BNA_G
ClientSampleId :
MDL-01-W

Manual Integrations
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Quant Time: Oct 21 18:16:18 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





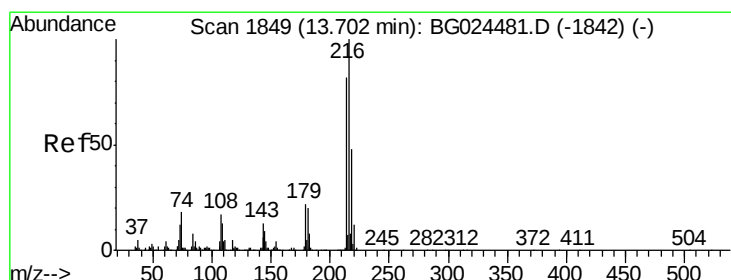
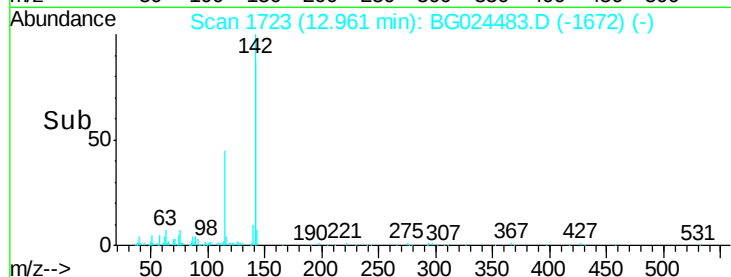
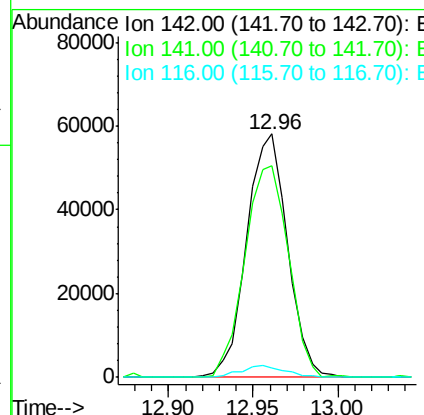
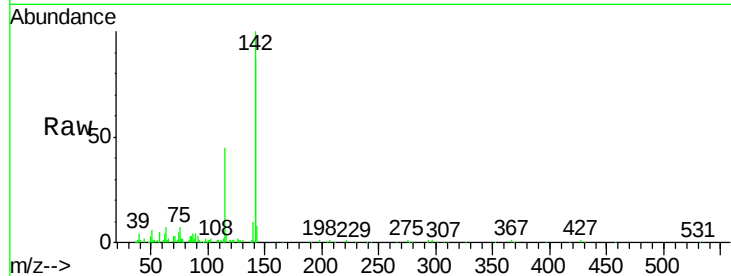
#12
 1-Methylnaphthalene
 Concen: 3.32 ng/uL
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG024483.D
 Acq: 21 Oct 2016 4:19

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	74.9	112.3
116	3.9	3.1	4.7

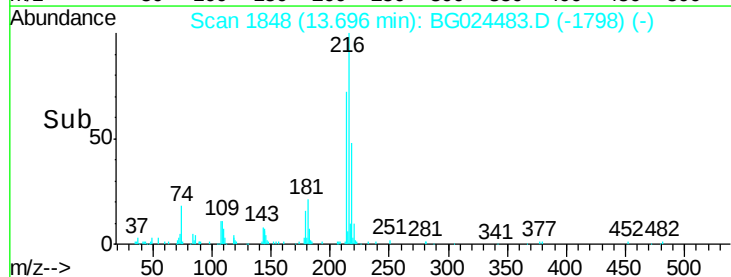
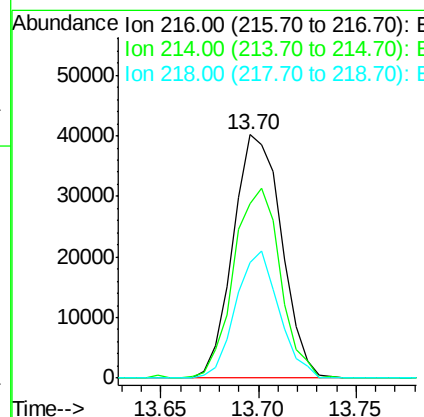
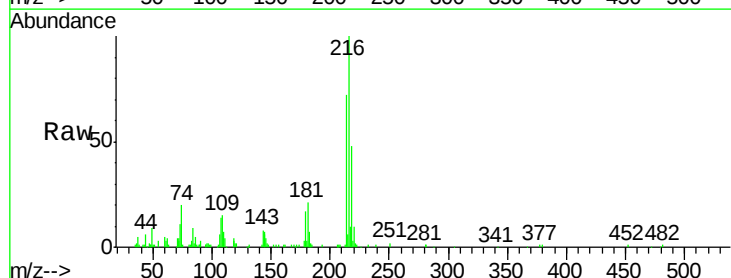
Manual Integrations
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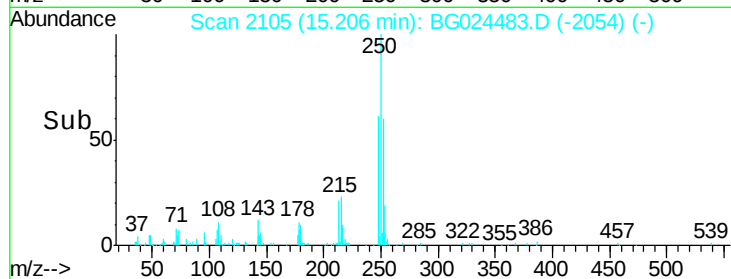
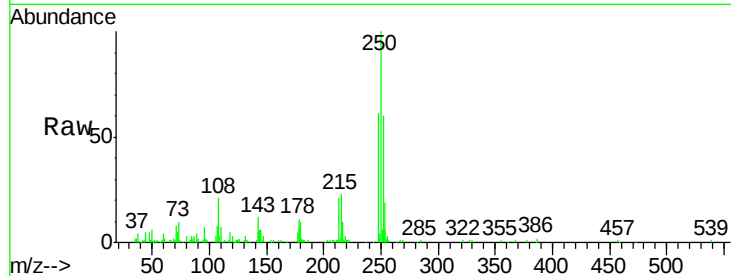
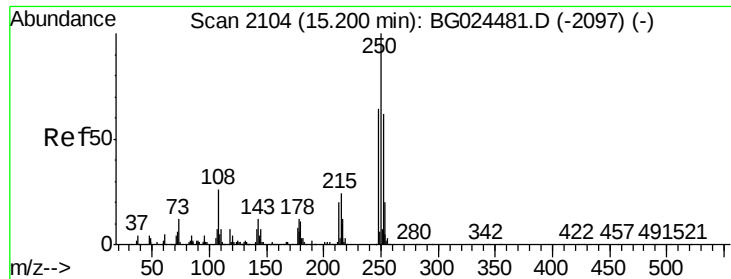
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#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.46 ng/uL
 RT: 13.70 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BG024483.D
 Acq: 21 Oct 2016 4:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	71.9	62.5	93.7
218	47.5	38.4	57.6





#22

Pentachlorobenzene

Concen: 3.49 ng/uL

RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG024483.D

Acq: 21 Oct 2016 4:19

Instrument :

BNA_G

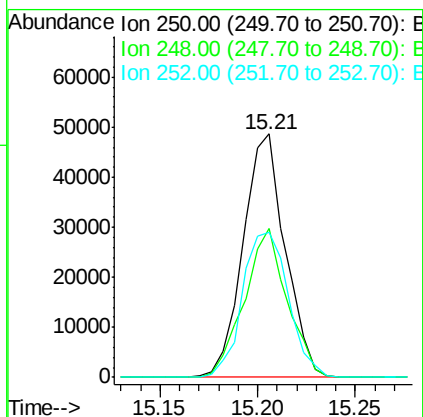
ClientSampleId :

MDL-01-W

Tgt	Ion	250	Resp:	72827
Ion	Ratio	100	Lower	Upper
250	100			
248	61.0	50.6	75.8	
252	59.6	51.4	77.0	

Manual Integrations
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 Data File : BG024483.D
 Acq On : 21 Oct 2016 4:19
 Operator : UM/SJ
 Sample : MDL-01-W
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-01-W

Manual Integrations
 APPROVED

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 10/21/2016 6:54:39 PM

Quant Time: Oct 21 18:16:18 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	171839	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	790591	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	652823	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1303691m	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1521680	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1550528	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	23720	7.38	ng/uL	0.00
3) Phenol-d5	7.41	99	520031	33.28	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	331351	34.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	360276	32.76	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	440672	33.81	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	197892	33.47	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	224566	32.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	437297	31.36	ng/ul	0.00
11) 4-Chloroaniline-d4	11.23	131	545484	37.60	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1418345	32.22	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1687723	32.22	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	230989	30.69	ng/ul	0.00
17) Fluorene-d10	15.88	176	1313363	31.31	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	279837	32.12	ng/ul	0.00
20) Anthracene-d10	17.73	188	1838505	31.74	ng/ul	0.00
24) Pyrene-d10	20.01	212	2145533	32.45	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2281049	33.62	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.96	142	97446	3.32	ng/ul	93
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	68965	3.46	ng/uL	95
22) Pentachlorobenzene	15.21	250	72827	3.49	ng/uL	96

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