

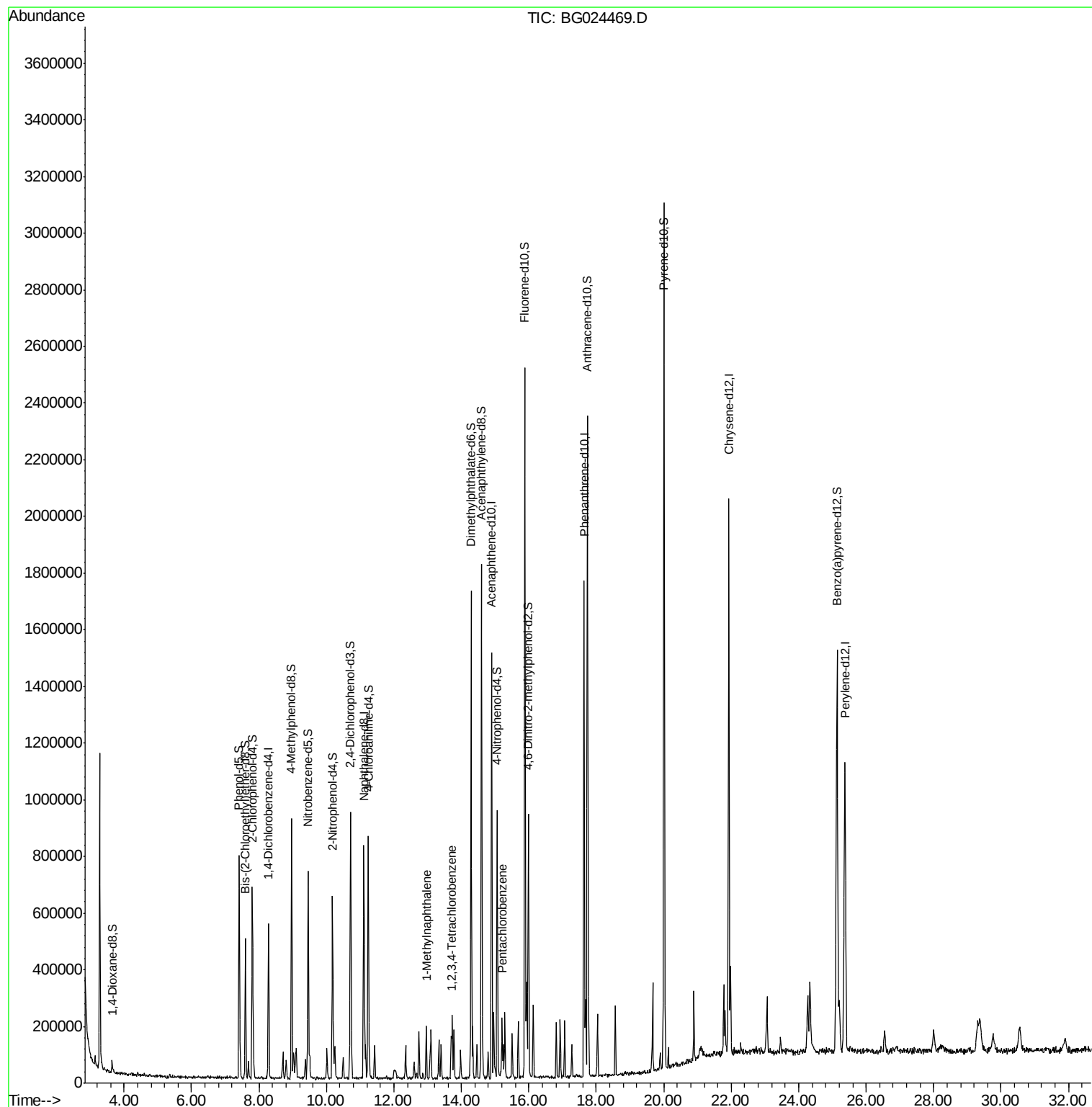
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024469.D
Acq On : 20 Oct 2016 19:06
Operator : UM/SJ
Sample : MDL-05-S
Misc :
ALS Vial : 13 Sample Multiplier: 1

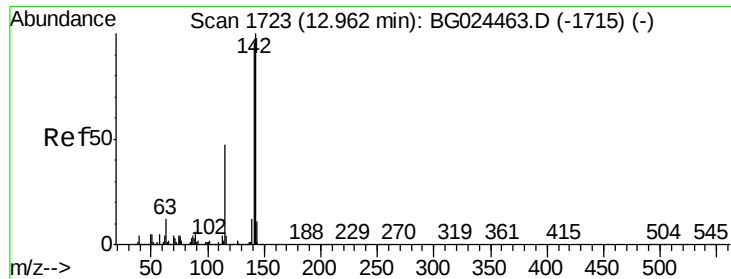
Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Manual Integrations
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Quant Time: Oct 21 17:43:38 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





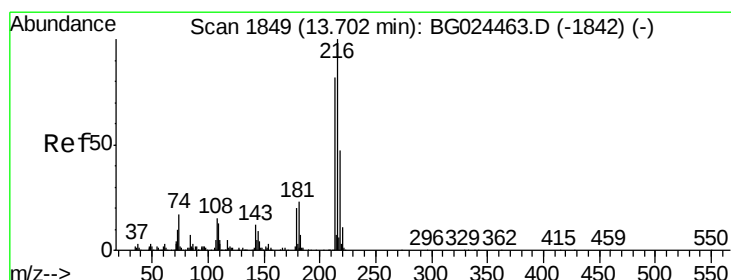
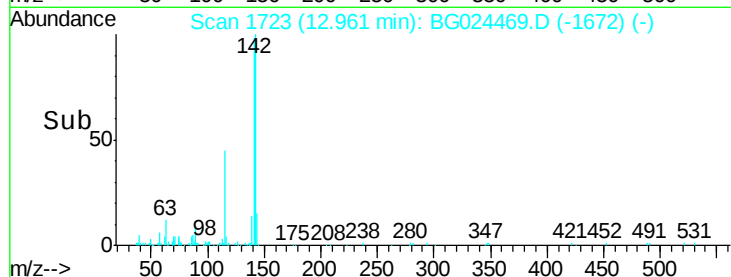
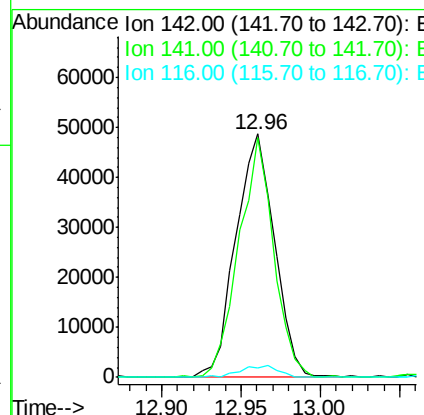
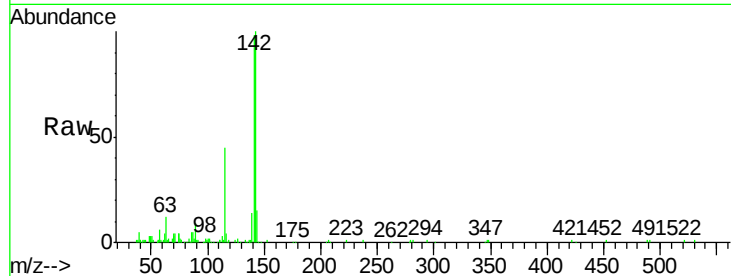
#12
 1-Methylnaphthalene
 Concen: 3.41 ng/uL
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG024469.D
 Acq: 20 Oct 2016 19:06

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.4	74.9	112.3
116	3.9	3.1	4.7

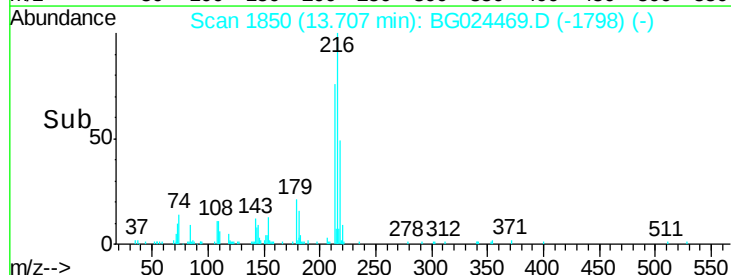
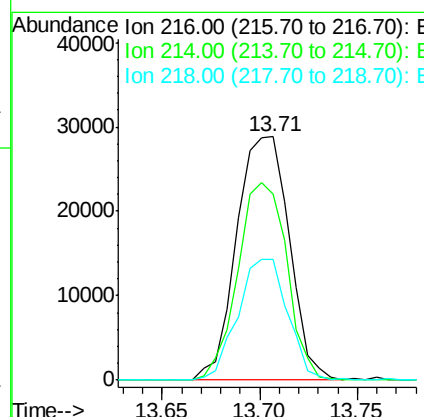
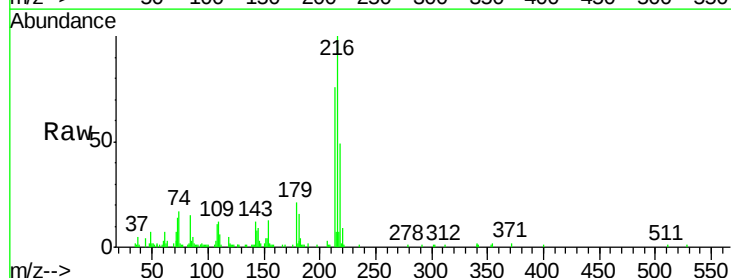
Manual Integrations
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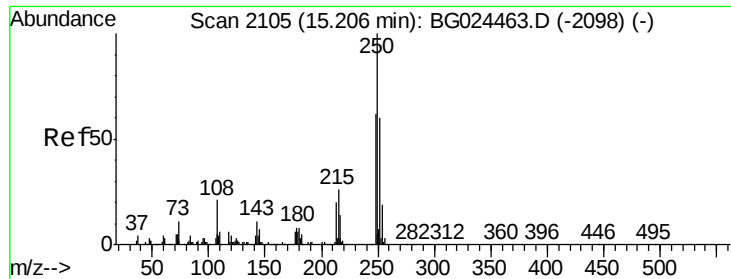
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#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.23 ng/uL
 RT: 13.71 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG024469.D
 Acq: 20 Oct 2016 19:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	62.5	93.7
218	49.4	38.4	57.6





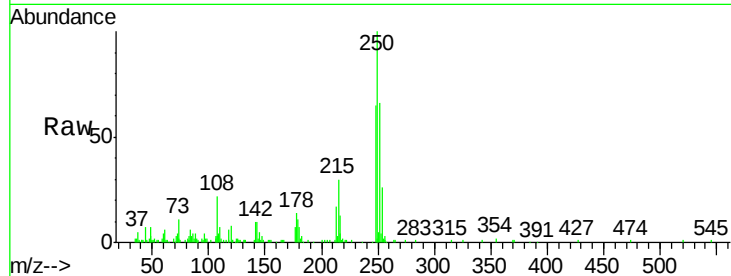
#22
 Pentachlorobenzene
 Concen: 3.18 ng/uL
 RT: 15.21 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG024469.D
 Acq: 20 Oct 2016 19:06

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S

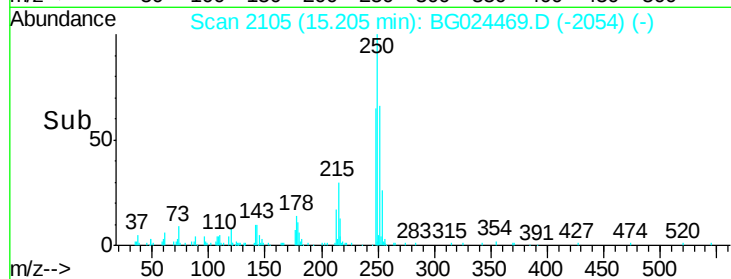
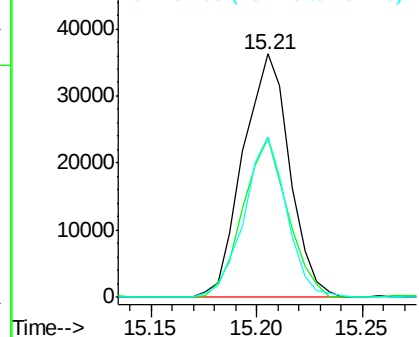
Tgt Ion	Ratio	Lower	Upper
250	100		
248	67.0	50.6	75.8
252	66.0	51.4	77.0

Manual Integrations
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Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E



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 Data File : BG024469.D
 Acq On : 20 Oct 2016 19:06
 Operator : UM/SJ
 Sample : MDL-05-S
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S

Manual Integrations
 APPROVED

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Quant Time: Oct 21 17:43:38 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	140501	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	649140	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	537524	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1092517m	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1251261m	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1281308	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	20638	7.86	ng/uL	0.00
3) Phenol-d5	7.41	99	390673	30.57	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.60	67	249073	31.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	279383	31.07	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	325704	30.56	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	151551	31.22	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	175020	30.96	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	328938	28.73	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	418774	35.16	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1116471	30.80	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1304648	30.24	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	177060	28.57	ng/ul	0.00
17) Fluorene-d10	15.88	176	1028347	29.77	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	194235m	26.60	ng/ul	0.00
20) Anthracene-d10	17.73	188	1433369	29.53	ng/ul	0.00
24) Pyrene-d10	20.01	212	1691449	31.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	1749960	31.21	ng/ul	0.00

Target Compounds

					Qvalue
12) 1-Methylnaphthalene	12.96	142	82308	3.41 ng/ul	95
21) 1,2,3,4-Tetrachlorobenzene	13.71	216	53920	3.23 ng/uL	98
22) Pentachlorobenzene	15.21	250	55721	3.18 ng/uL	96

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