

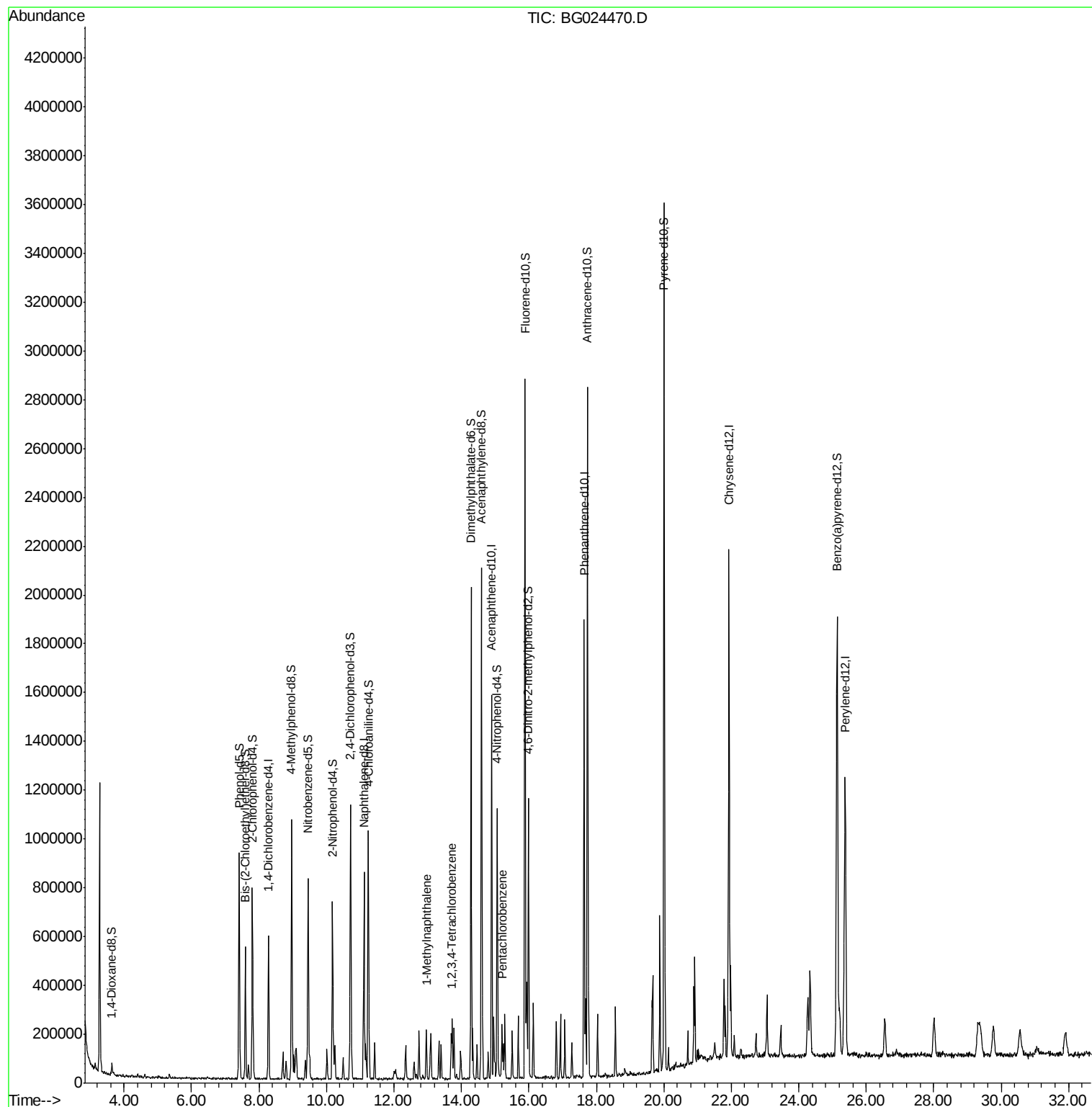
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024470.D
Acq On : 20 Oct 2016 19:57
Operator : UM/SJ
Sample : MDL-06-S
Misc :
ALS Vial : 14 Sample Multiplier: 1

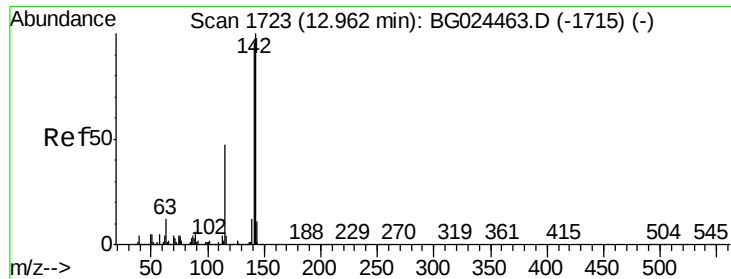
Instrument :
BNA_G
ClientSampleId :
MDL-06-S

Manual Integrations
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Quant Time: Oct 21 17:45:11 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





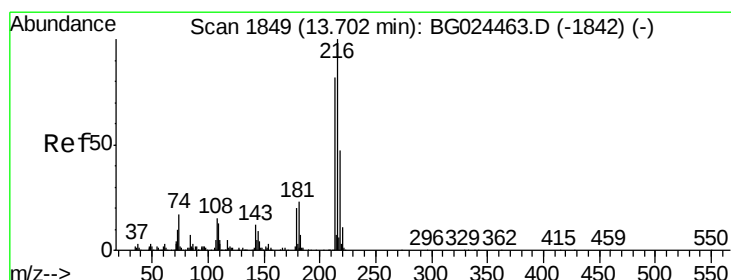
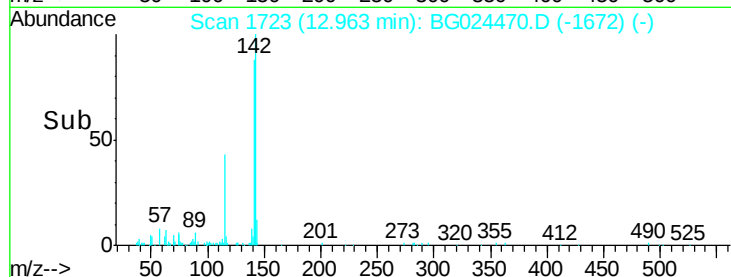
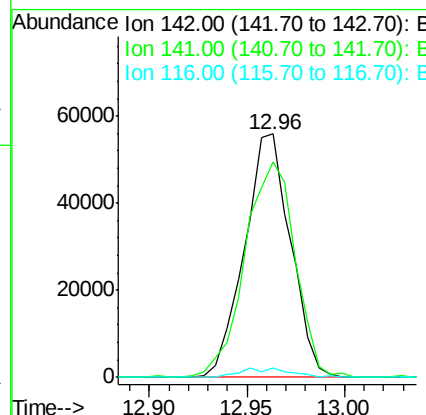
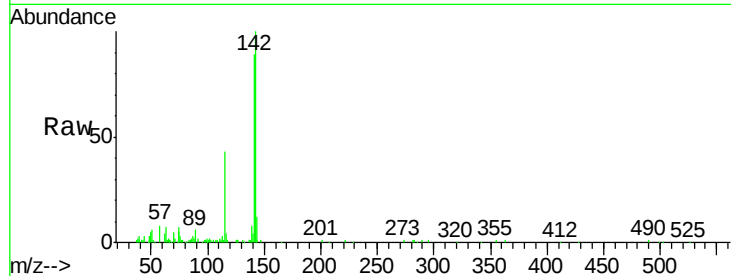
#12
 1-Methylnaphthalene
 Concen: 3.63 ng/uL
 RT: 12.96 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG024470.D
 Acq: 20 Oct 2016 19:57

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.9	112.3
116	3.9	3.1	4.7

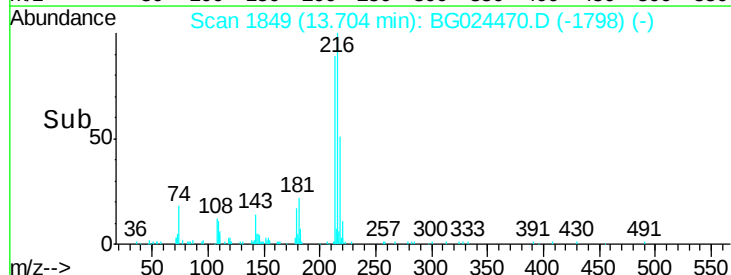
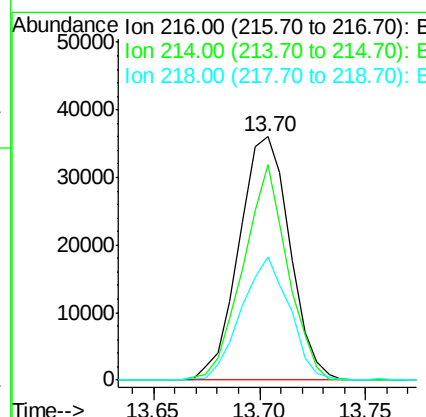
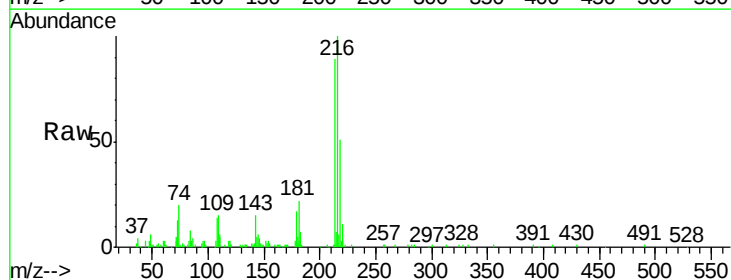
Manual Integrations
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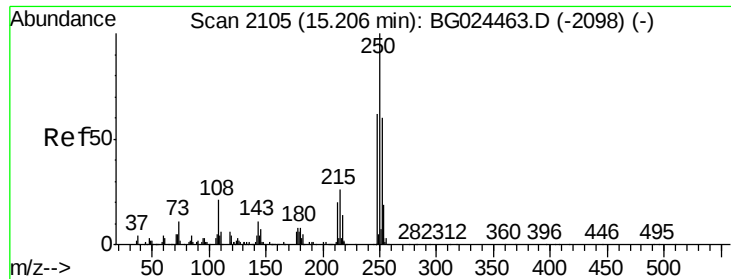
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#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.41 ng/uL
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BG024470.D
 Acq: 20 Oct 2016 19:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	88.6	62.5	93.7
218	50.7	38.4	57.6





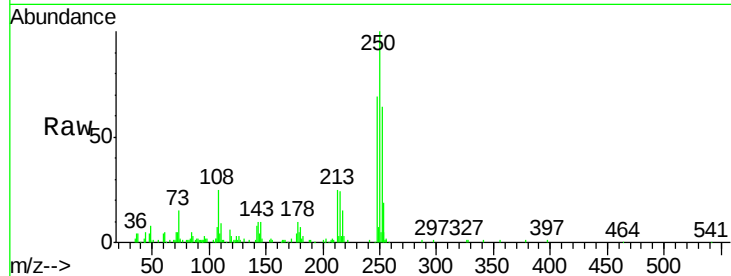
#22
 Pentachlorobenzene
 Concen: 3.33 ng/uL
 RT: 15.21 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG024470.D
 Acq: 20 Oct 2016 19:57

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Tgt Ion	Ratio	Lower	Upper
250	100		
248	68.9	50.6	75.8
252	64.1	51.4	77.0

Manual Integrations
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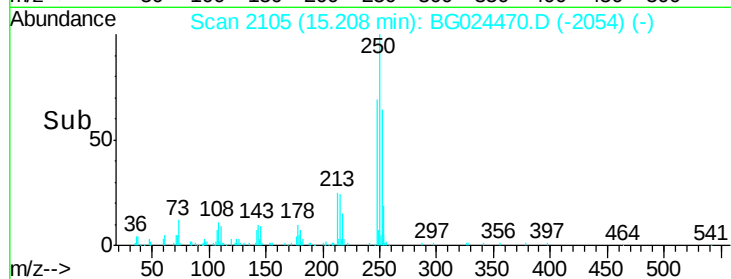
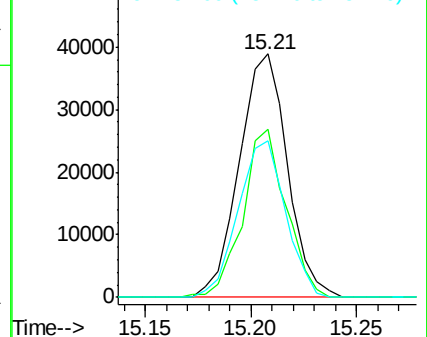


Abundance

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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 Sample : MDL-06-S
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-06-S

Manual Integrations
 APPROVED

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Quant Time: Oct 21 17:45:11 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	8.29	152	152051	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	677570	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.90	164	555331	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1151248m	20.00	ng/ul	0.00
23) Chrysene-d12	21.94	240	1358774	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1362766	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.63	96	22897	8.05	ng/uL	0.00
3) Phenol-d5	7.41	99	451223	32.63	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	277425	32.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	319151	32.80	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	381005	33.03	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	167683	33.09	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	207611	35.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	380350	31.82	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	472826	38.03	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1257009	33.57	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	1498155	33.62	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	217205	33.93	ng/ul	0.00
17) Fluorene-d10	15.88	176	1185763	33.23	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	246602m	32.05	ng/ul	0.00
20) Anthracene-d10	17.73	188	1661286	32.48	ng/ul	0.00
24) Pyrene-d10	20.01	212	1936174	32.80	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2083347	34.94	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1-Methylnaphthalene	12.96	142	91403	3.63	ng/ul	95
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	60044	3.41	ng/uL	91
22) Pentachlorobenzene	15.21	250	61437	3.33	ng/uL	96

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