

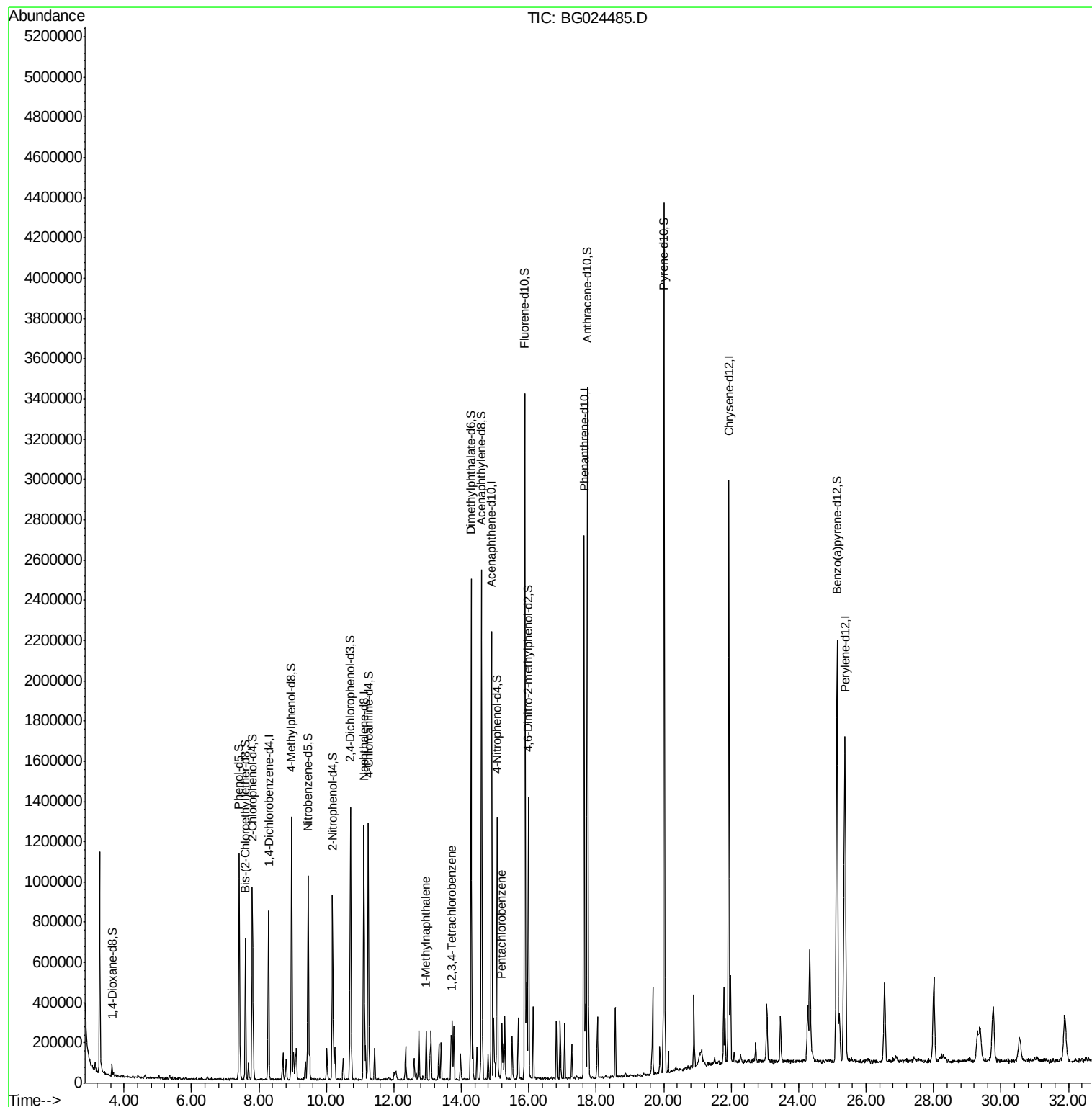
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024485.D
Acq On : 21 Oct 2016 5:36
Operator : UM/SJ
Sample : MDL-03-W
Misc :
ALS Vial : 27 Sample Multiplier: 1

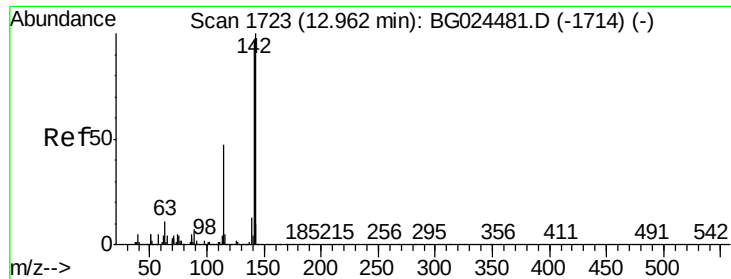
Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations
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Quant Time: Oct 21 18:20:22 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





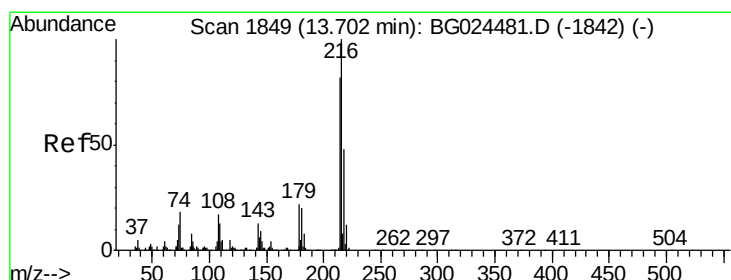
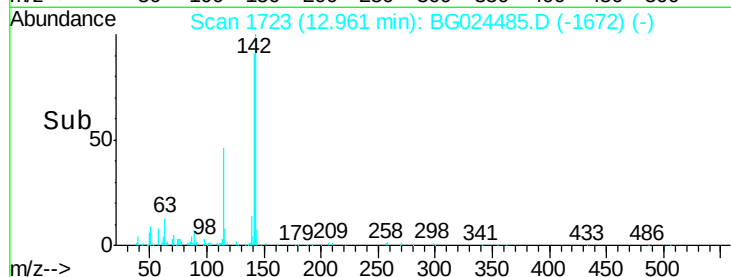
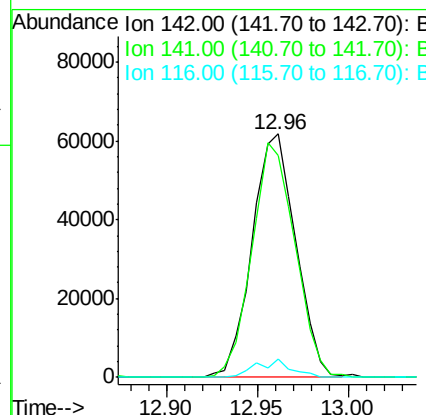
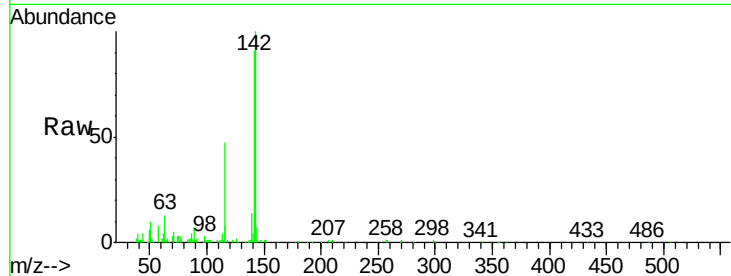
#12
 1-Methylnaphthalene
 Concen: 2.79 ng/uL
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG024485.D
 Acq: 21 Oct 2016 5:36

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-W

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	103384		
141	91.1	74.9	112.3	
116	7.7	3.1	4.7#	

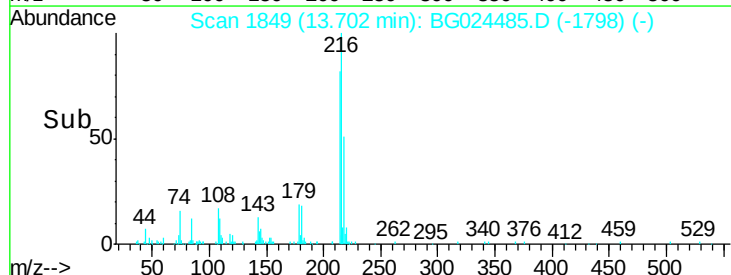
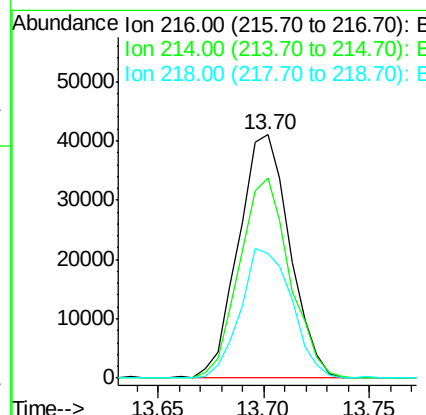
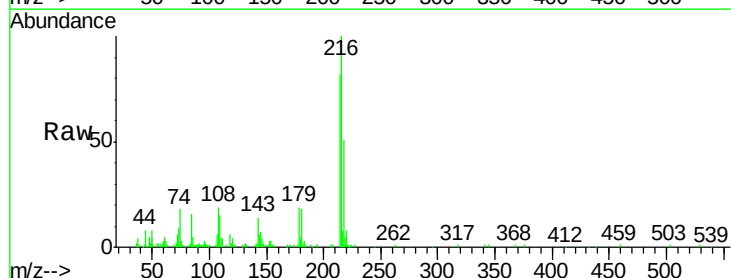
Manual Integrations
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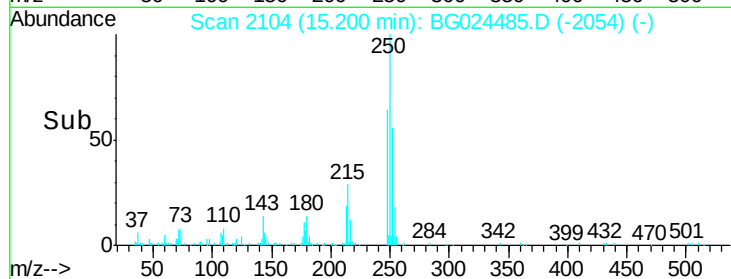
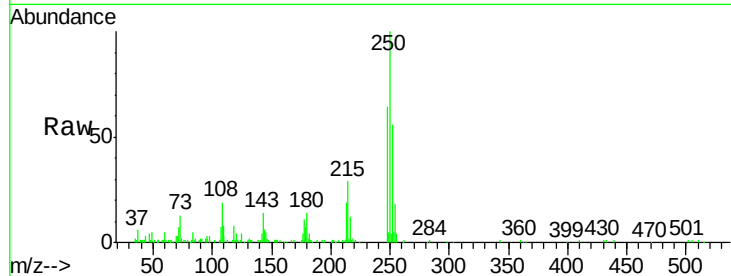
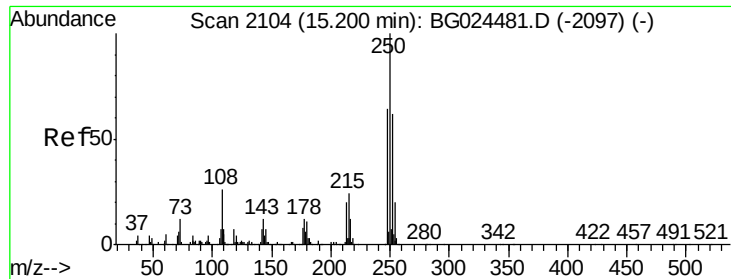
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#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.77 ng/uL
 RT: 13.70 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG024485.D
 Acq: 21 Oct 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	69113		
214	82.3	62.5	93.7	
218	51.0	38.4	57.6	





#22

Pentachlorobenzene

Concen: 2.91 ng/uL

RT: 15.20 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG024485.D

Acq: 21 Oct 2016 5:36

Tgt Ion:	250	Resp:	76087
Ion Ratio	Lower	Upper	
250	100		
248	64.2	50.6	75.8
252	56.0	51.4	77.0

Instrument :

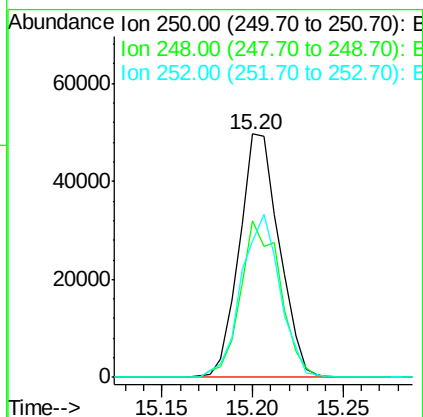
BNA_G

ClientSampleId :

MDL-03-W

Manual Integrations
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
 Data File : BG024485.D
 Acq On : 21 Oct 2016 5:36
 Operator : UM/SJ
 Sample : MDL-03-W
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-W

Manual Integrations
 APPROVED

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 10/21/2016 6:54:45 PM

Quant Time: Oct 21 18:20:22 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	233062	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	998768	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	811264	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1632952m	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1888512	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1944037	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	26905	6.17	ng/uL	0.00
3) Phenol-d5	7.41	99	565971	26.70	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	357567	27.29	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	395546	26.52	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	479819	27.14	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	213613	28.60	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	261654	30.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	472416	26.81	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	607058	33.12	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1547575	28.29	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1826025	28.05	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	264889	28.32	ng/ul	0.00
17) Fluorene-d10	15.88	176	1436629	27.56	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	301578m	27.64	ng/ul	0.00
20) Anthracene-d10	17.74	188	1986089	27.38	ng/ul	0.00
24) Pyrene-d10	20.01	212	2288057	27.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2471737	29.06	ng/ul	0.00

Target Compounds					Qvalue
12) 1-Methylnaphthalene	12.96	142	103384	2.79 ng/ul#	97
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	69113	2.77 ng/uL	95
22) Pentachlorobenzene	15.20	250	76087	2.91 ng/uL	94

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