

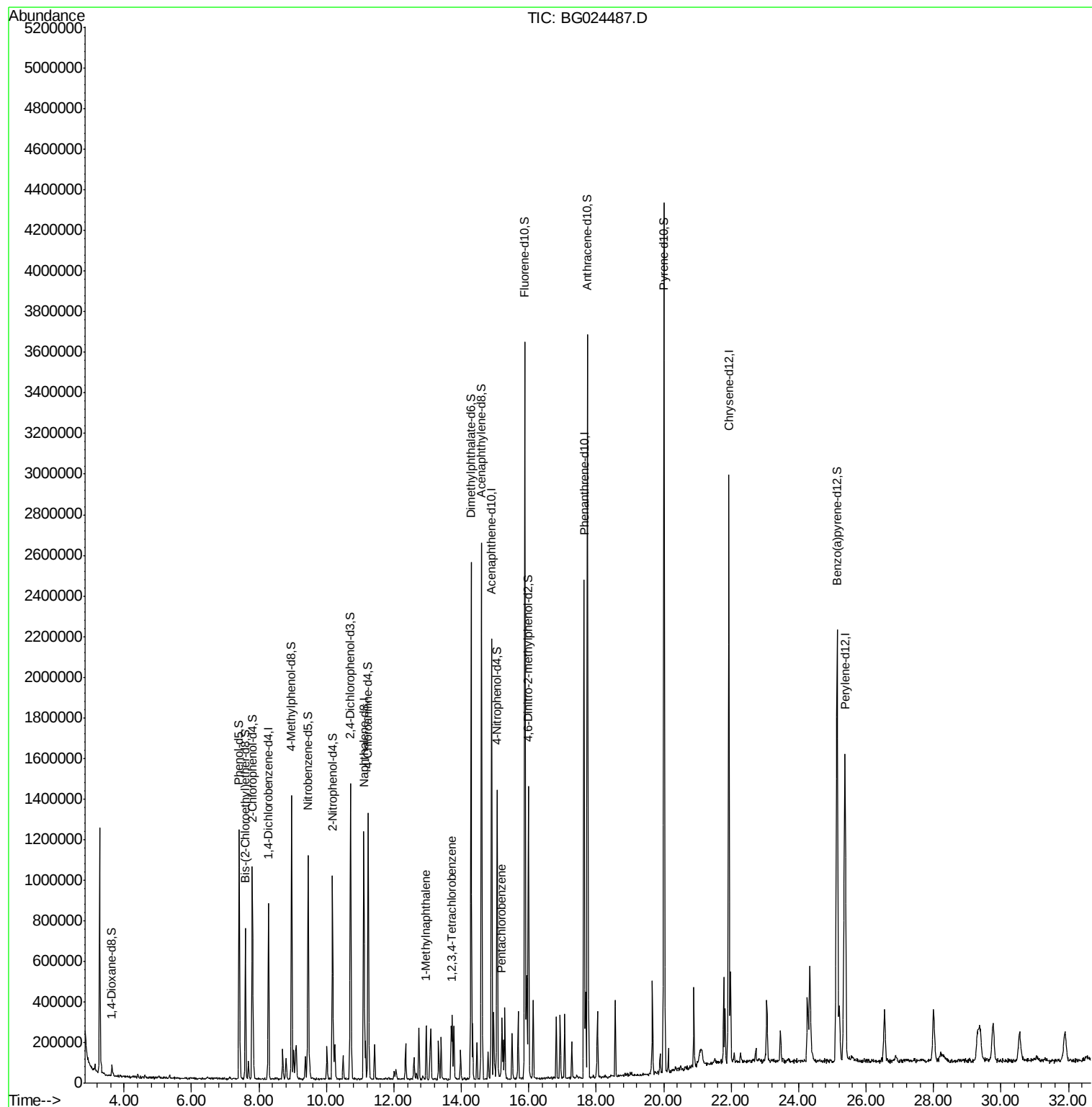
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024487.D
Acq On : 21 Oct 2016 6:53
Operator : UM/SJ
Sample : MDL-05-W
Misc :
ALS Vial : 29 Sample Multiplier: 1

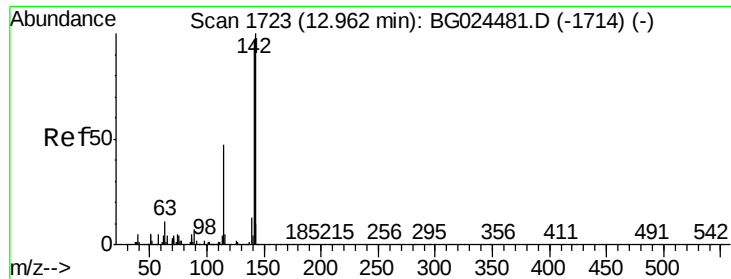
Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations
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Quant Time: Oct 21 18:21:54 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





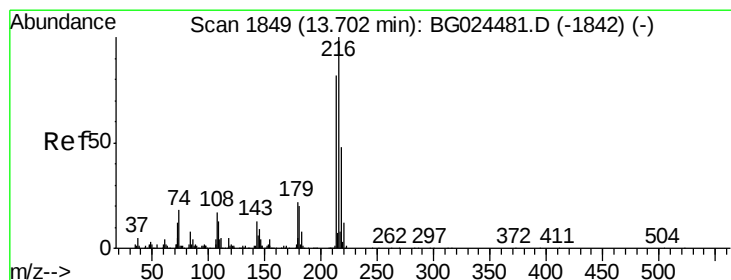
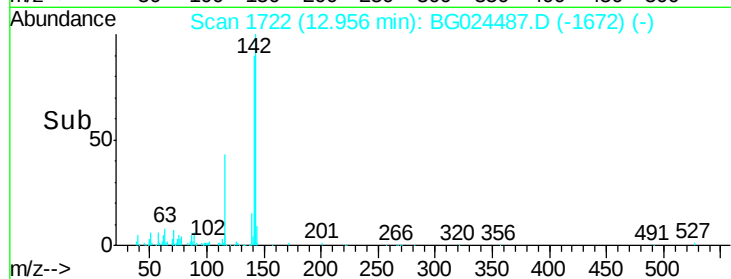
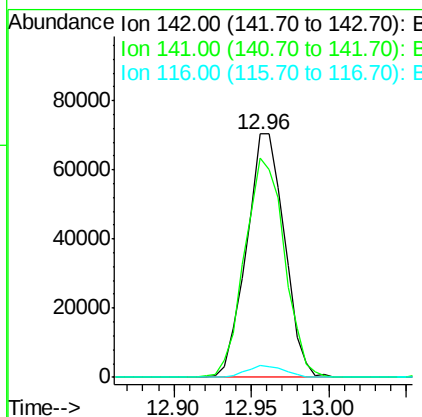
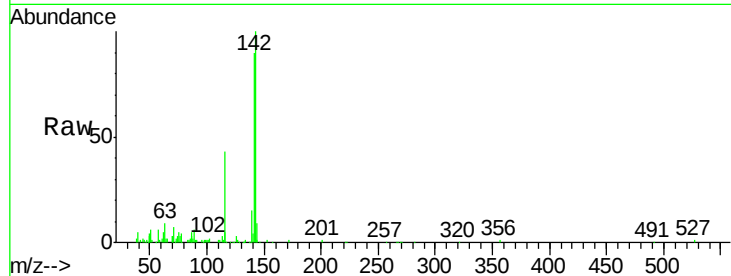
#12
 1-Methylnaphthalene
 Concen: 3.25 ng/uL m
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG024487.D
 Acq: 21 Oct 2016 6:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	119743		
141	89.9	74.9	112.3	
116	5.1	3.1	4.7#	

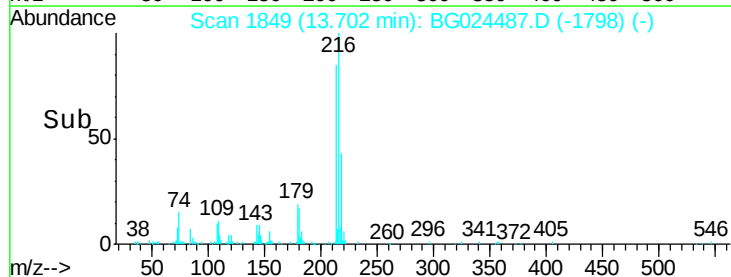
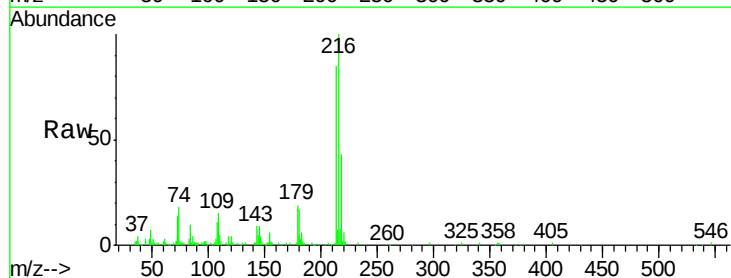
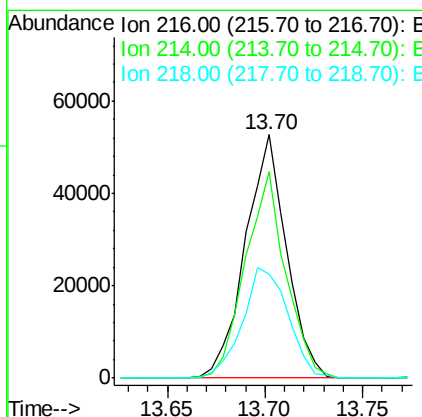
Manual Integrations
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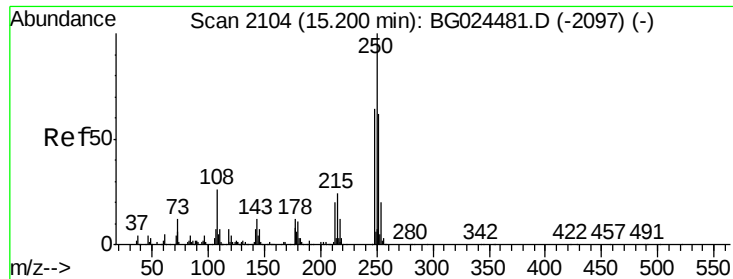
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#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.21 ng/uL
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BG024487.D
 Acq: 21 Oct 2016 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	76956		
214	85.0	62.5	93.7	
218	42.9	38.4	57.6	





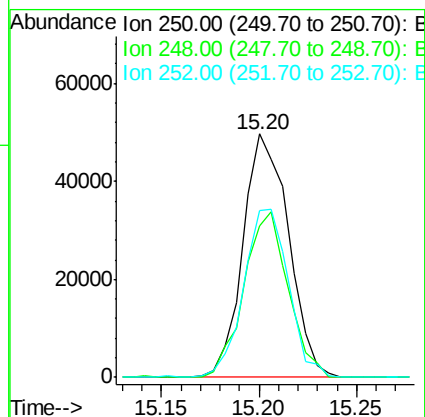
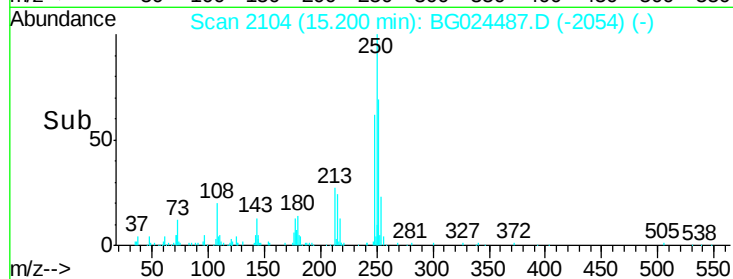
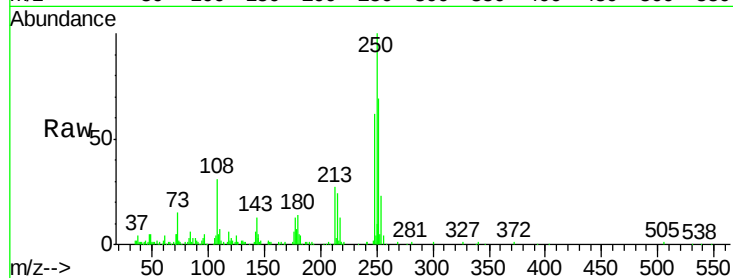
#22
 Pentachlorobenzene
 Concen: 3.19 ng/uL
 RT: 15.20 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG024487.D
 Acq: 21 Oct 2016 6:53

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Tgt Ion	Ratio	Resp Lower	Upper
250	100		
248	56.6	50.6	75.8
252	62.3	51.4	77.0

Manual Integrations
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 Data File : BG024487.D
 Acq On : 21 Oct 2016 6:53
 Operator : UM/SJ
 Sample : MDL-05-W
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-W

Manual Integrations
 APPROVED

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 10/21/2016 6:54:51 PM

Quant Time: Oct 21 18:21:54 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	215140	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	991289	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	800165	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1570865	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1826619	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1898396	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	26126	6.49	ng/uL	0.00
3) Phenol-d5	7.41	99	609435	31.15	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	391021	32.33	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	424320	30.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	508019	31.13	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	239079	32.25	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	279242	32.35	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	513462	29.36	ng/ul	0.00
11) 4-Chloroaniline-d4	11.23	131	617220	33.93	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1633805	30.28	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	1900004	29.59	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	279374	30.28	ng/ul	0.00
17) Fluorene-d10	15.88	176	1513803	29.44	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	327598	31.21	ng/ul	0.00
20) Anthracene-d10	17.74	188	2083567	29.85	ng/ul	0.00
24) Pyrene-d10	20.01	212	2370902	29.88	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2566304	30.90	ng/ul	0.00

Target Compounds

					Qvalue
12) 1-Methylnaphthalene	12.96	142	119743m	3.25	ng/ul
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	76956	3.21	ng/uL
22) Pentachlorobenzene	15.20	250	80357	3.19	ng/uL

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