

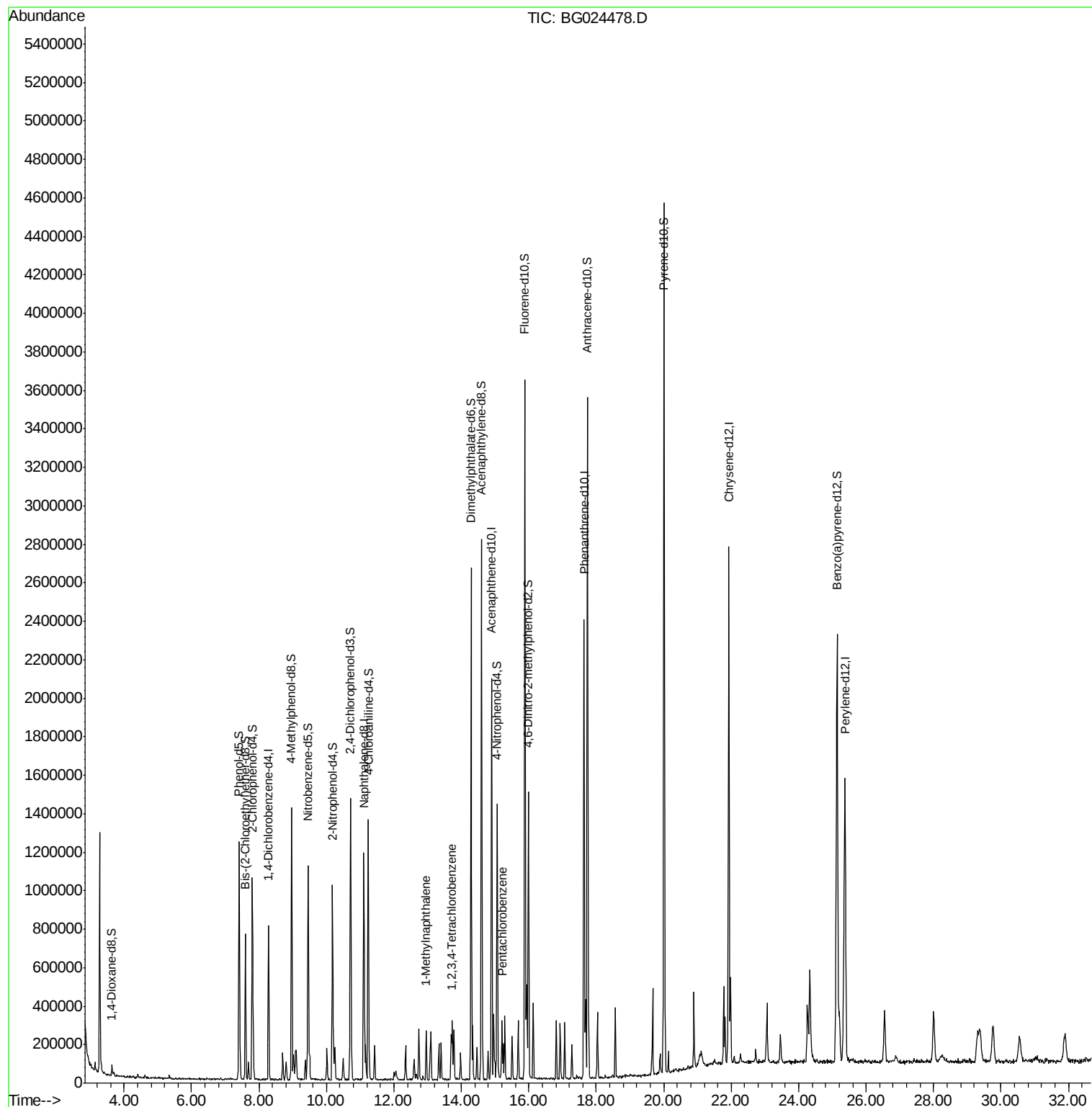
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024478.D
Acq On : 21 Oct 2016 1:06
Operator : UM/SJ
Sample : MDL-05-S-ML
Misc :
ALS Vial : 21 Sample Multiplier: 1

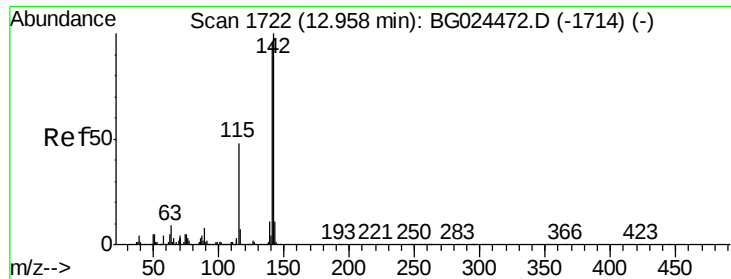
Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations
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Quant Time: Oct 21 17:59:40 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





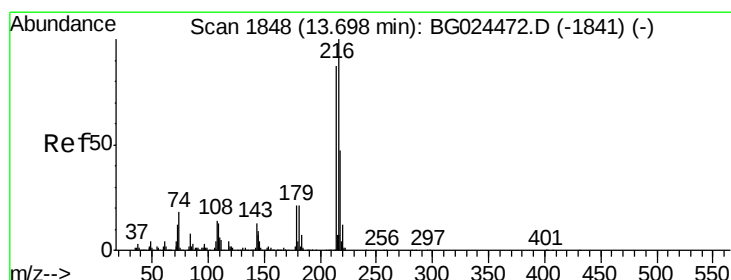
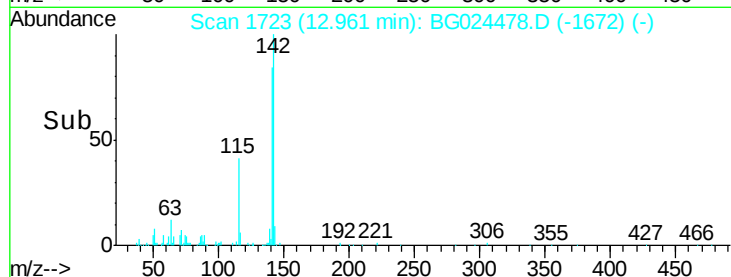
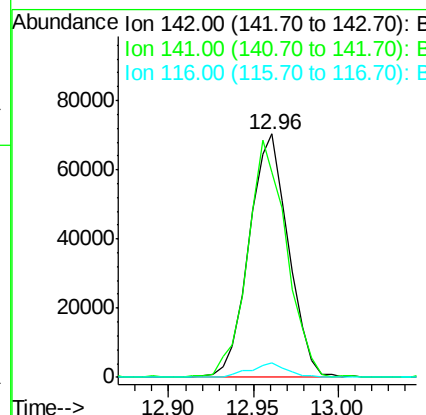
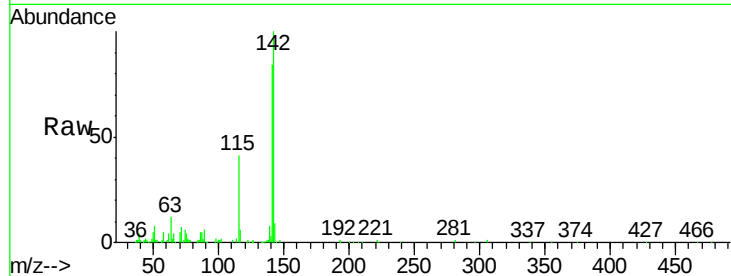
#12
 1-Methylnaphthalene
 Concen: 3.28 ng/uL
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG024478.D
 Acq: 21 Oct 2016 1:06

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S-ML

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	113810		
141	84.1	74.9	112.3	
116	6.0	3.1	4.7#	

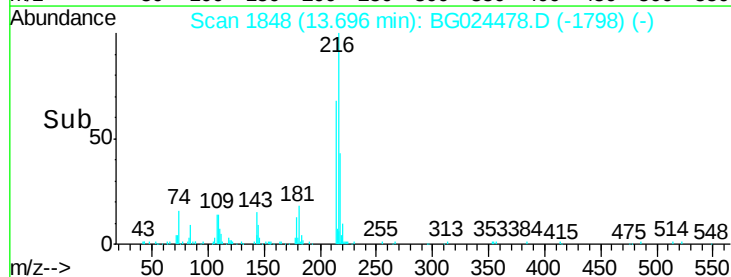
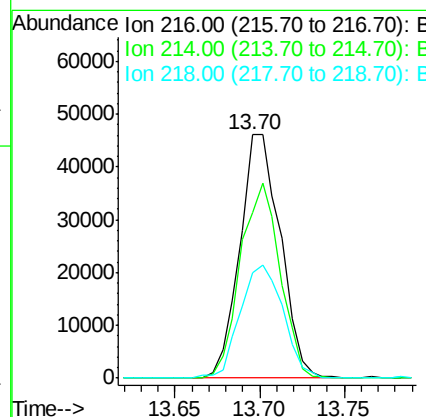
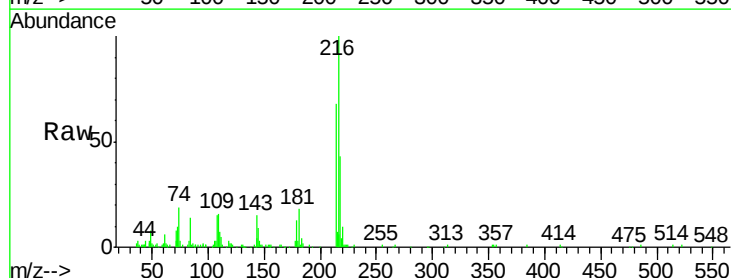
Manual Integrations
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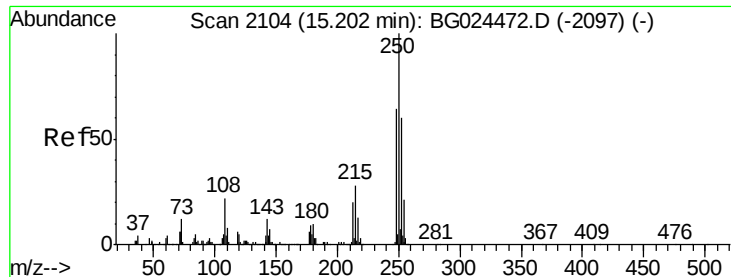
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#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.31 ng/uL
 RT: 13.70 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BG024478.D
 Acq: 21 Oct 2016 1:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	77132		
214	68.0	62.5	93.7	
218	43.1	38.4	57.6	





#22

Pentachlorobenzene

Concen: 3.32 ng/uL

RT: 15.21 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG024478.D

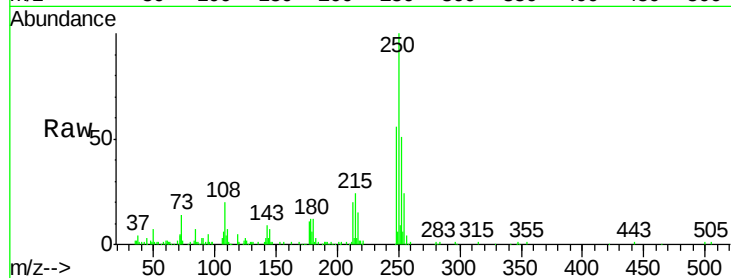
Acq: 21 Oct 2016 1:06

Instrument :

BNA_G

ClientSampleId :

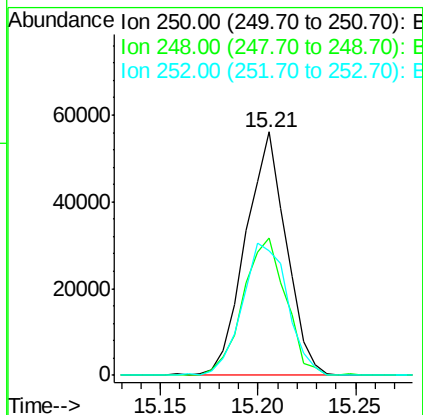
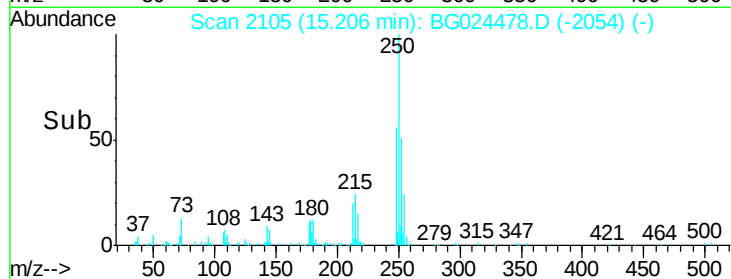
MDL-05-S-ML



Tgt	Ion	Ratio	Lower	Upper
250	100			
248	56.2	50.6	75.8	
252	51.0	51.4	77.0	

Manual Integrations
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 Data File : BG024478.D
 Acq On : 21 Oct 2016 1:06
 Operator : UM/SJ
 Sample : MDL-05-S-ML
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-05-S-ML

Manual Integrations
 APPROVED

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 10/21/2016 6:53:45 PM

Quant Time: Oct 21 17:59:40 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	208745	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	932876	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	758565	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1523771m	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1752263	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1776358	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.64	96	27356	7.01	ng/uL	0.00
3) Phenol-d5	7.41	99	612299	32.25	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.60	67	388216	33.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	423972	31.74	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	526468	33.25	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	233756	33.51	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	281446	34.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	512834	31.16	ng/ul	0.00
11) 4-Chloroaniline-d4	11.23	131	636800	37.20	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1637780	32.02	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1932892	31.75	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	275870	31.54	ng/ul	0.00
17) Fluorene-d10	15.88	176	1519083	31.17	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	330228	32.43	ng/ul	0.00
20) Anthracene-d10	17.74	188	2093495m	30.92	ng/ul	0.00
24) Pyrene-d10	20.01	212	2374301	31.19	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2625680	33.78	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.96	142	113810	3.28	ng/ul#	90
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	77132	3.31	ng/uL	90
22) Pentachlorobenzene	15.21	250	81119	3.32	ng/uL#	87

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