Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024475.D
Acq On : 20 Oct 2016 23:10
Operator : UM/SJ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 21 17:51:36 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

Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
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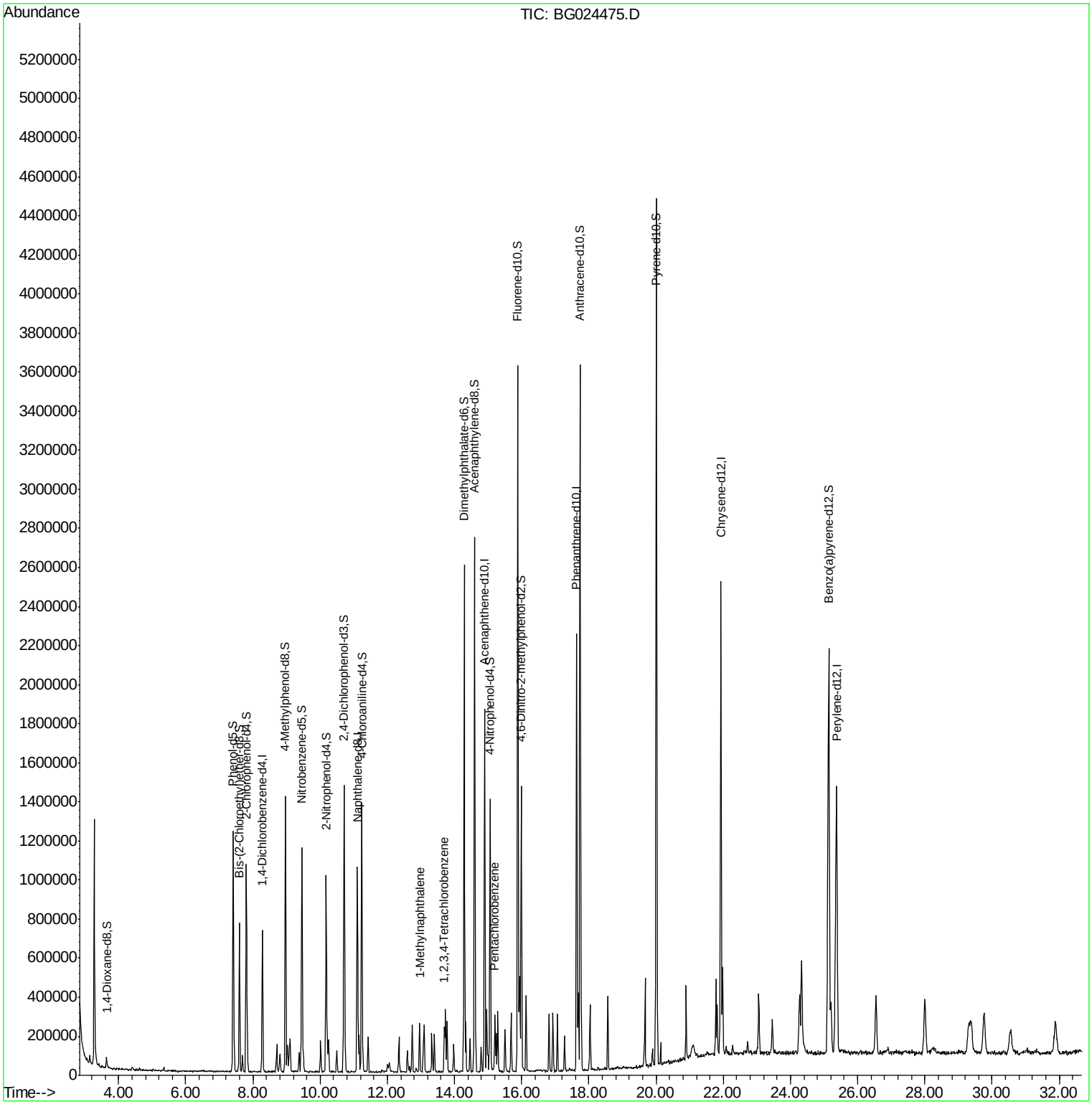
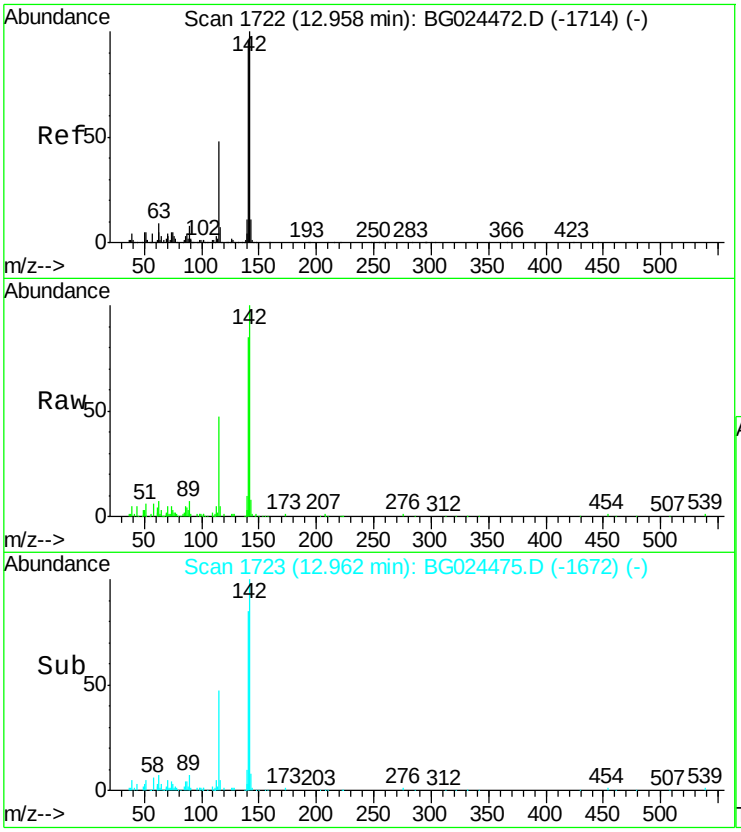
10/21/2016 7:04:15 PM

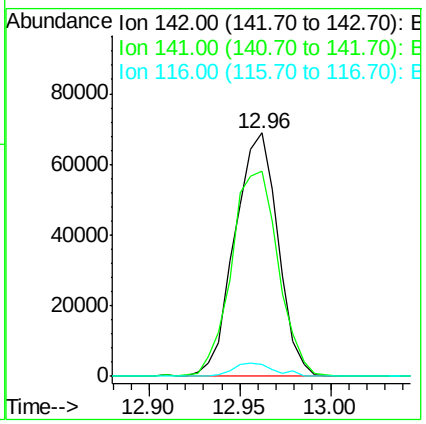




#12
1-Methylnaphthalene
Concen: 3.63 ng/ul
RT: 12.96 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BG024475.D
Acq: 20 Oct 2016 23:10

Tgt Ion:142 Resp: 114437

Ion	Ratio	Lower	Upper
142	100		
141	84.5	74.9	112.3
116	5.0	3.1	4.7#



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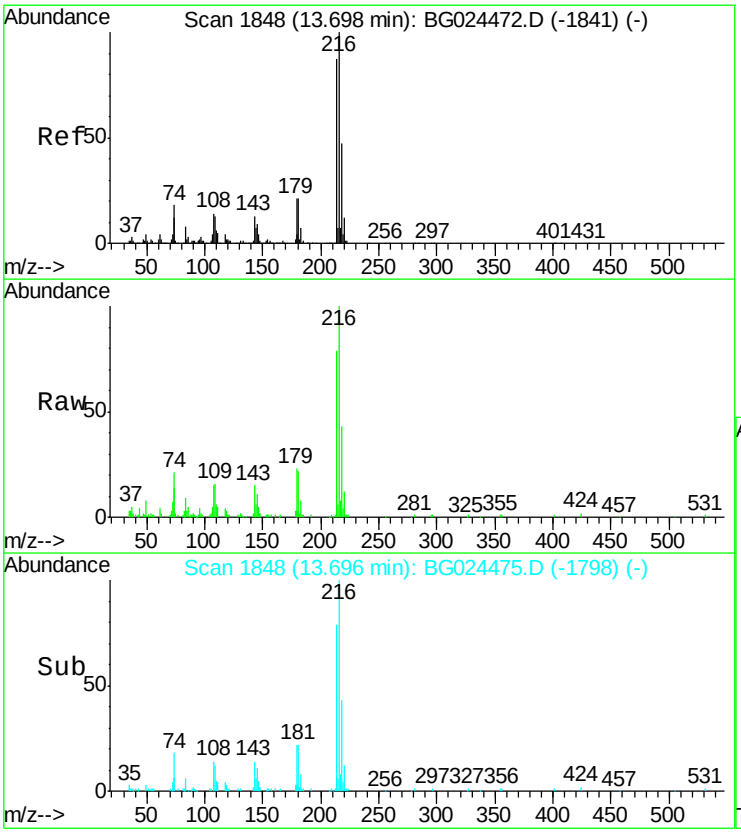
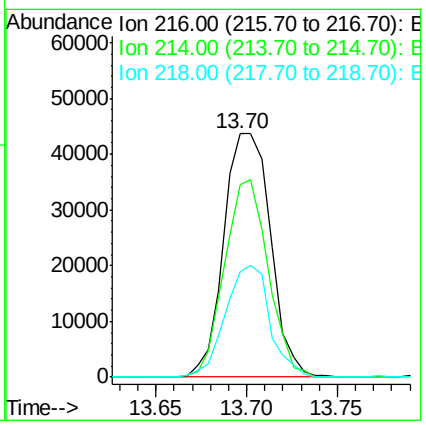
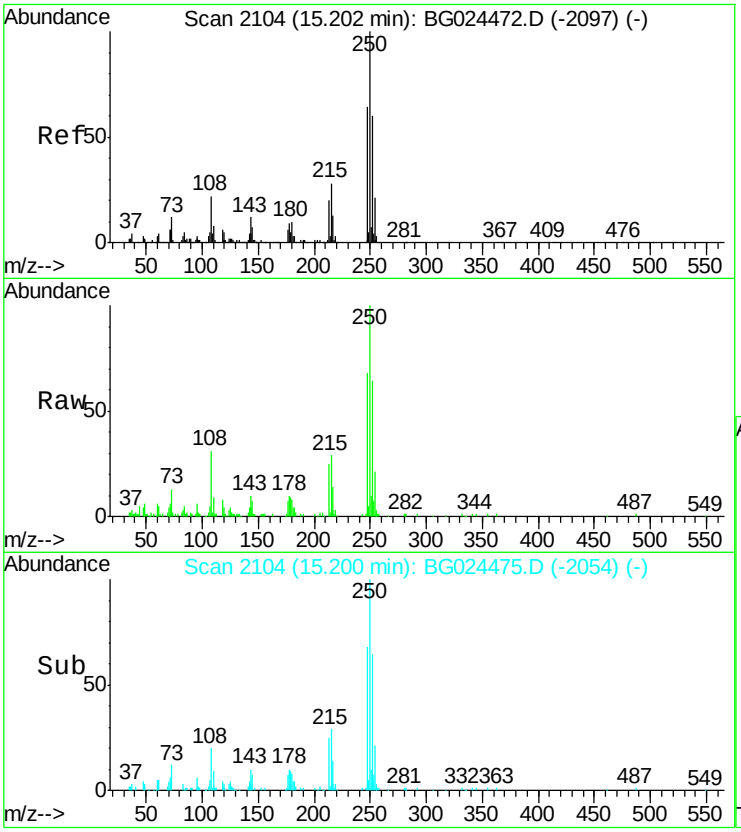


#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.75 ng/uL
RT: 13.70 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG024475.D
Acq: 20 Oct 2016 23:10

Tgt Ion:216 Resp: 78236

Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.5	93.7
218	43.1	38.4	57.6

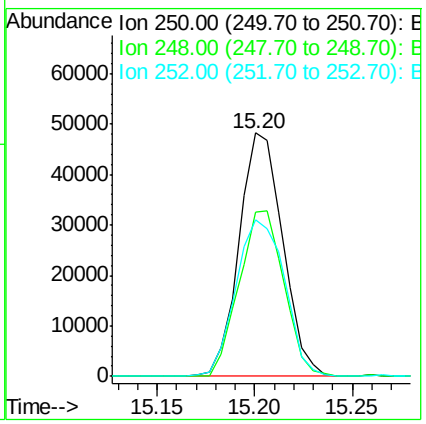




#22
Pentachlorobenzene
Concen: 3.40 ng/uL
RT: 15.20 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BG024475.D
Acq: 20 Oct 2016 23:10

Tgt Ion:250 Resp: 74510

Ion	Ratio	Lower	Upper
250	100		
248	67.6	50.6	75.8
252	64.3	51.4	77.0



Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
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ClientSampleId :
MDL-02-S-ML

Manual Integrations APPROVED
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10/21/2016 7:04:15 PM

Quant Time: Oct 21 17:51:36 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	192376	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	847725	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	690694	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1365869	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1564389	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1605122	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.64	96	26447	7.35	ng/uL	0.00
3) Phenol-d5	7.41	99	613486	35.06	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	400989	37.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	434782	35.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	525120	35.99	ng/ul	0.00
8) Nitrobenzene-d5	9.45	128	238182	37.57	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	281414	38.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	518562	34.68	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	626560	40.28	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1646030	35.34	ng/ul	0.00
15) Acenaphthylene-d8	14.60	160	1917232	34.59	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	291493	36.61	ng/ul	0.00
17) Fluorene-d10	15.88	176	1543336	34.77	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	331331m	36.30	ng/ul	0.00
20) Anthracene-d10	17.73	188	2115915	34.87	ng/ul	0.00
24) Pyrene-d10	20.01	212	2397282	35.27	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2621024	37.32	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.96	142	114437	3.63	ng/ul#	91
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	78236	3.75	ng/uL	96
22) Pentachlorobenzene	15.20	250	74510	3.40	ng/uL	97

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