Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024480.D
Acq On : 21 Oct 2016 2:23
Operator : UM/SJ
Sample : MDL-07-S-ML
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 21 18:01:38 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-07-S-ML

Manual Integrations APPROVED
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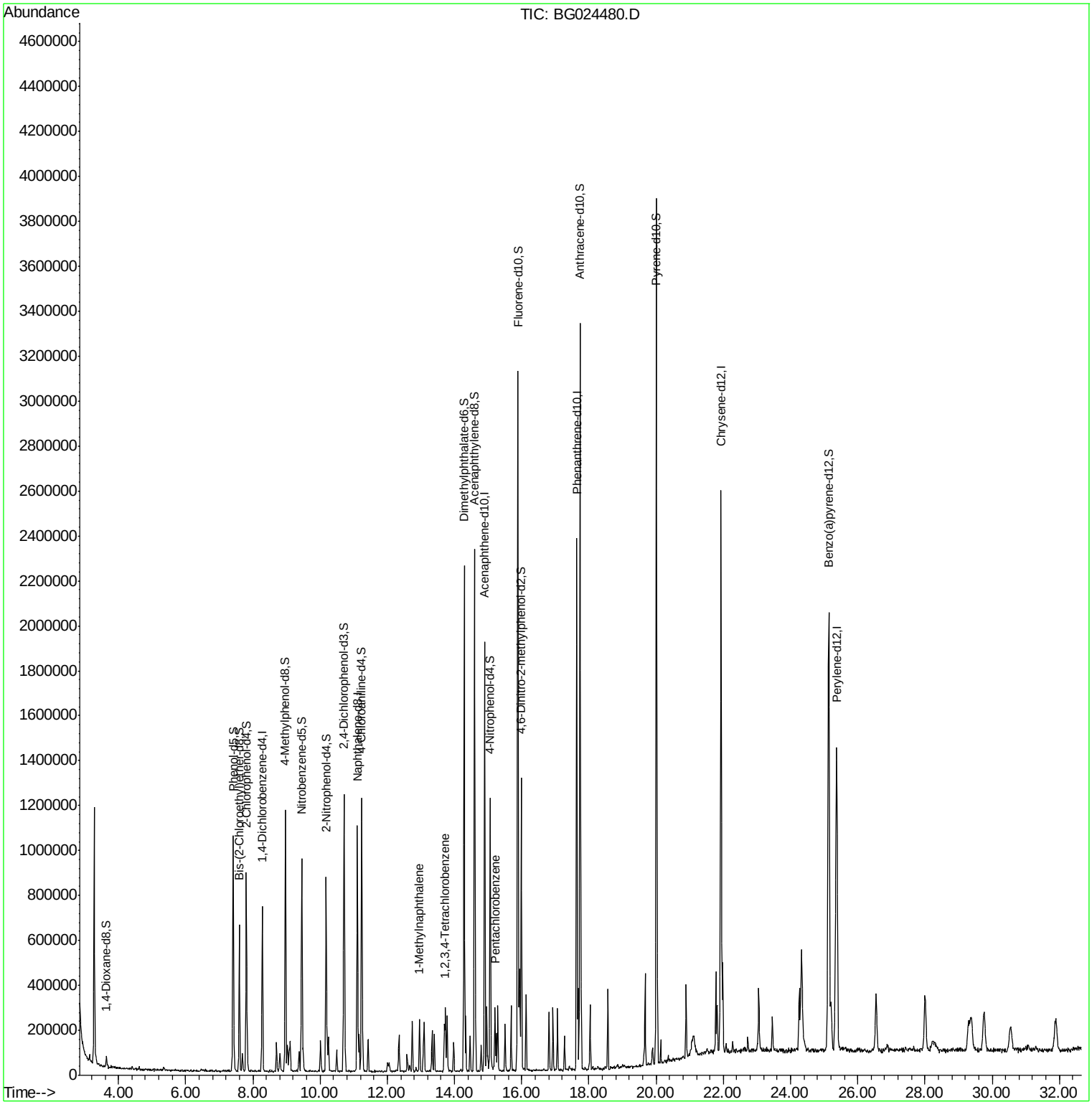
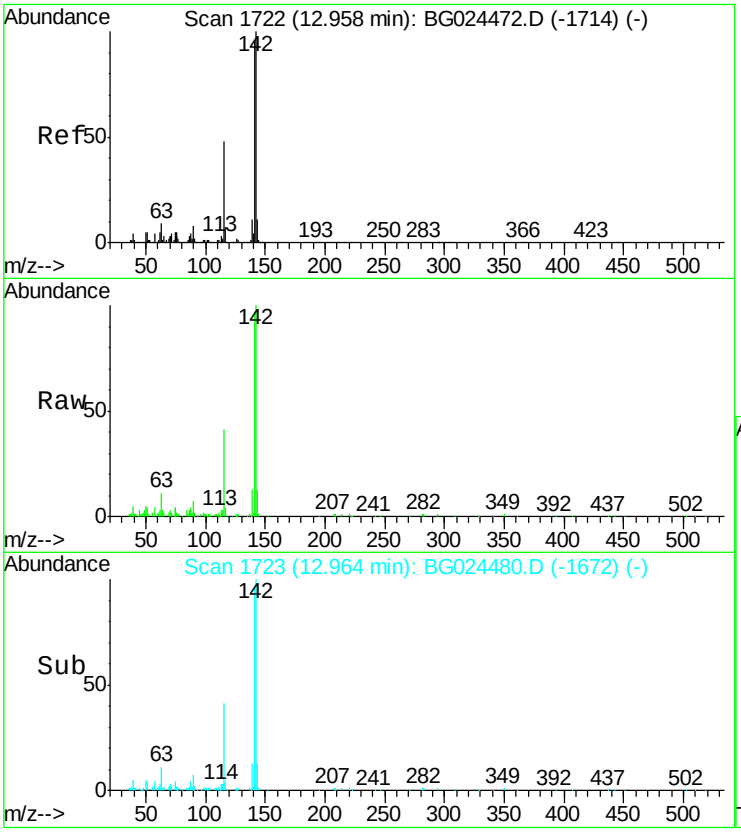
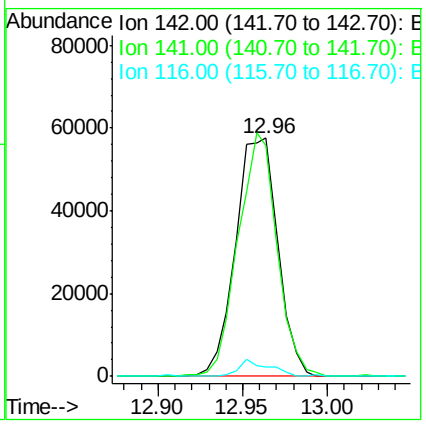




#12
1-Methylnaphthalene
Concen: 3.15 ng/ul
RT: 12.96 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BG024480.D
Acq: 21 Oct 2016 2:23

Tgt Ion:142 Resp: 100084

Ion	Ratio	Lower	Upper
142	100		
141	96.8	74.9	112.3
116	3.7	3.1	4.7



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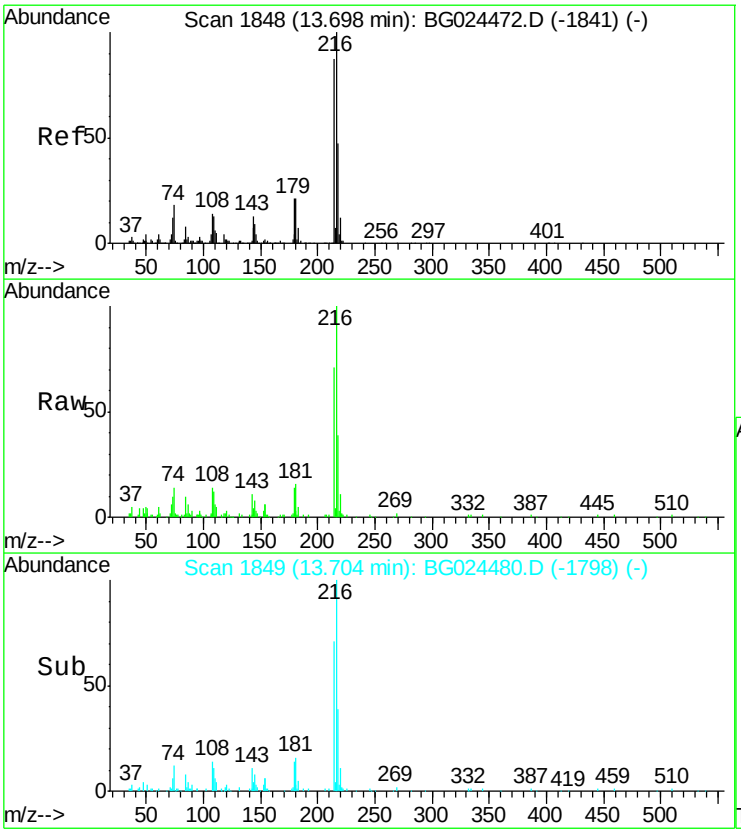
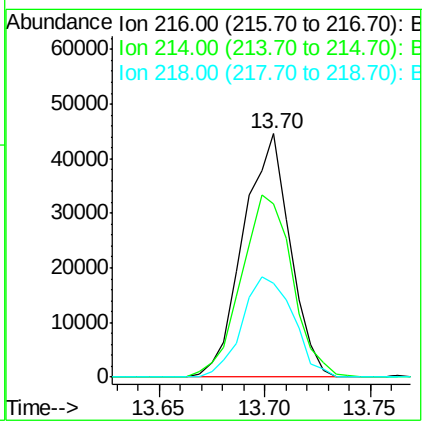
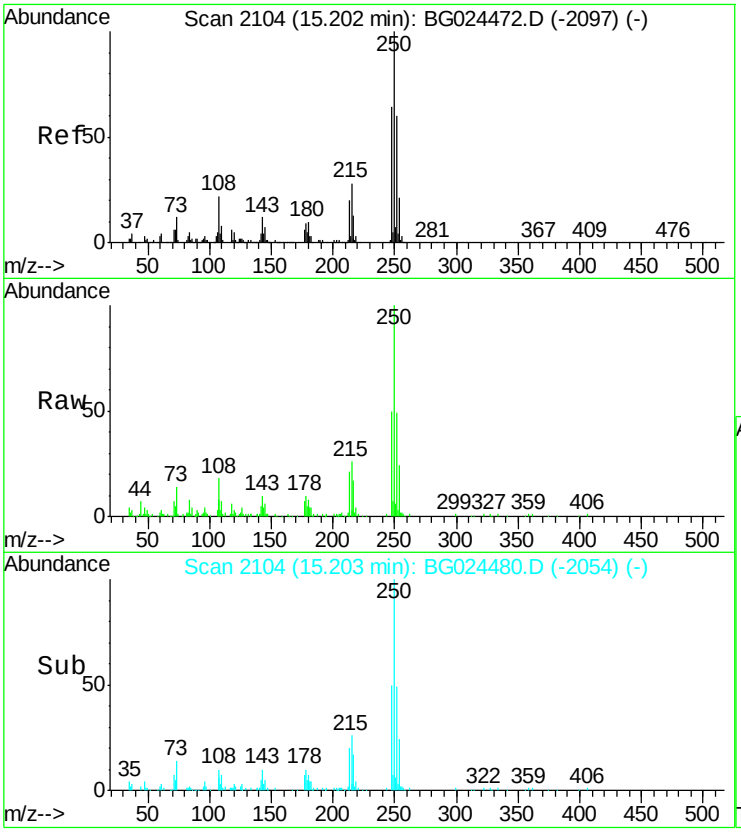


#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.15 ng/uL
RT: 13.70 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BG024480.D
Acq: 21 Oct 2016 2:23

Tgt Ion:216 Resp: 68674

Ion	Ratio	Lower	Upper
216	100		
214	75.5	62.5	93.7
218	38.6	38.4	57.6

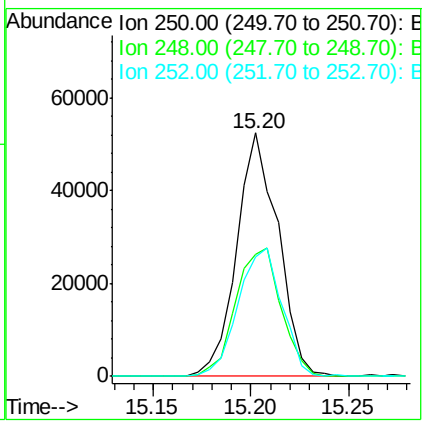




#22
Pentachlorobenzene
Concen: 3.37 ng/uL
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG024480.D
Acq: 21 Oct 2016 2:23

Tgt Ion:250 Resp: 76998

Ion	Ratio	Lower	Upper
250	100		
248	47.2	50.6	75.8#
252	46.4	51.4	77.0#



Instrument :
BNA_G
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	191915	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	854074	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.90	164	704027	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.63	188	1425512	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1630275	20.00	ng/ul	0.00
25) Perylene-d12	25.37	264	1665656	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.65	96	21009	5.85	ng/uL	0.00
3) Phenol-d5	7.41	99	519503m	29.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	320716	29.73	ng/ul	0.00
5) 2-Chlorophenol-d4	7.81	132	357400	29.10	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	439449	30.19	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	201548	31.55	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	237417	31.92	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	442155	29.35	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	555488	35.45	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1451550	30.57	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1685951	29.84	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	240159	29.59	ng/ul	0.00
17) Fluorene-d10	15.88	176	1357397	30.01	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.98	200	278244	29.21	ng/ul	0.00
20) Anthracene-d10	17.73	188	1900530	30.01	ng/ul	0.00
24) Pyrene-d10	20.00	212	2155859	30.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.14	264	2282718	31.32	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.96	142	100084	3.15	ng/ul	97
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	68674	3.15	ng/uL	93
22) Pentachlorobenzene	15.20	250	76998	3.37	ng/uL#	78

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