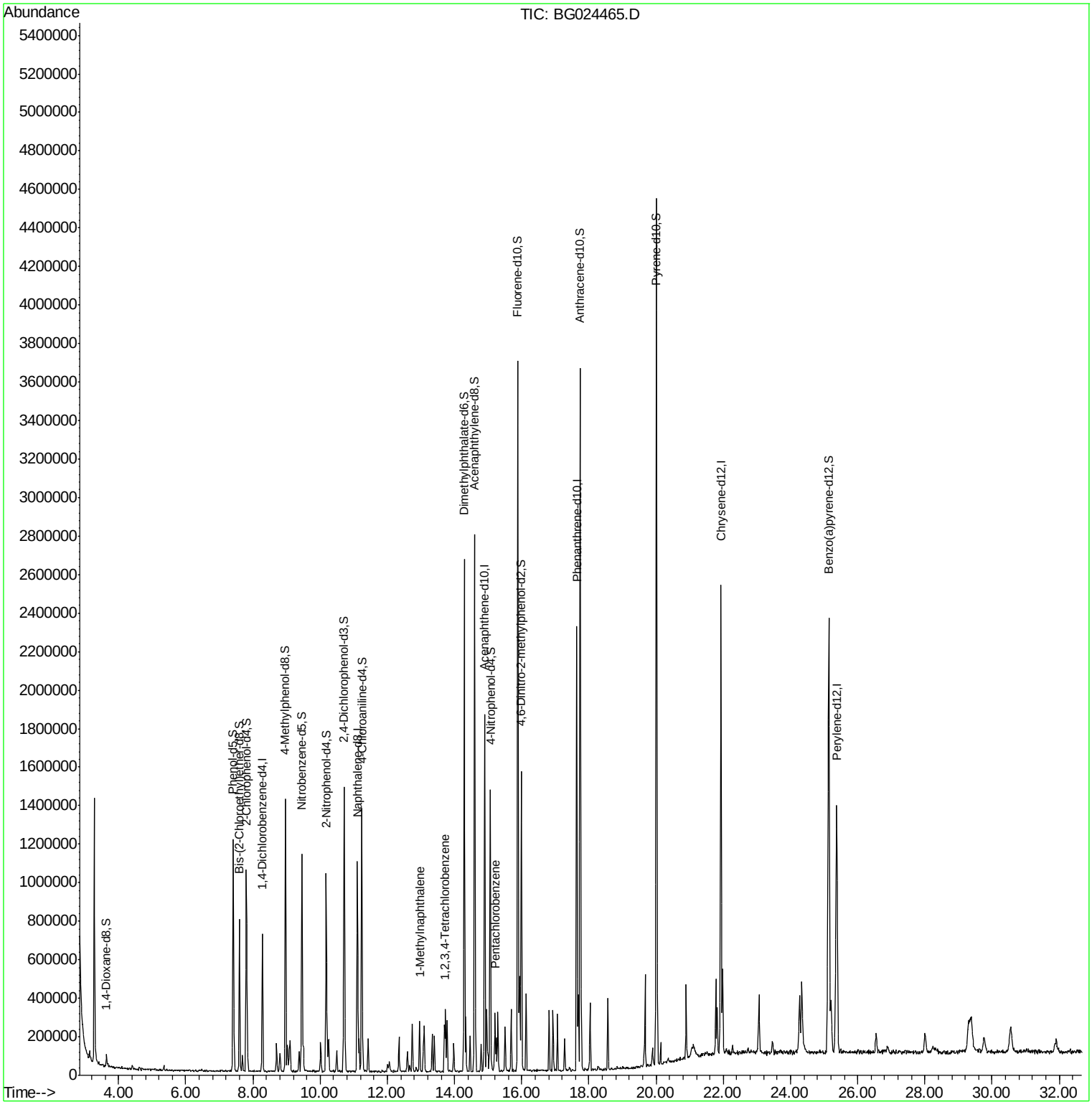
Quantitation Report (QT Reviewed)

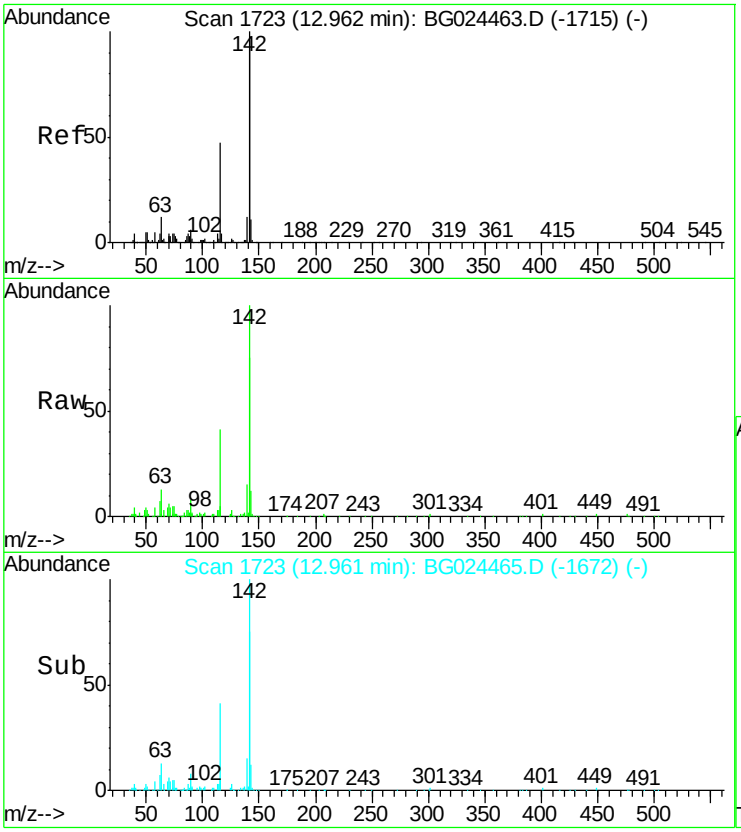
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024465.D
Acq On : 20 Oct 2016 16:32
Operator : UM/SJ
Sample : MDL-01-S
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 21 17:35:44 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-01-S

Manual Integrations APPROVED
sohil
10/21/2016 6:52:41 PM

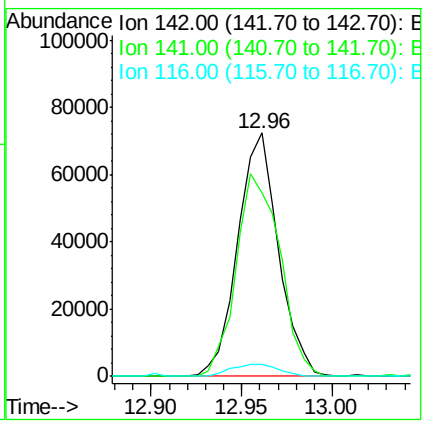




#12
1-Methylnaphthalene
Concen: 3.61 ng/ul
RT: 12.96 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG024465.D
Acq: 20 Oct 2016 16:32

Tgt Ion:142 Resp: 113580

Ion	Ratio	Lower	Upper
142	100		
141	75.2	74.9	112.3
116	4.7	3.1	4.7



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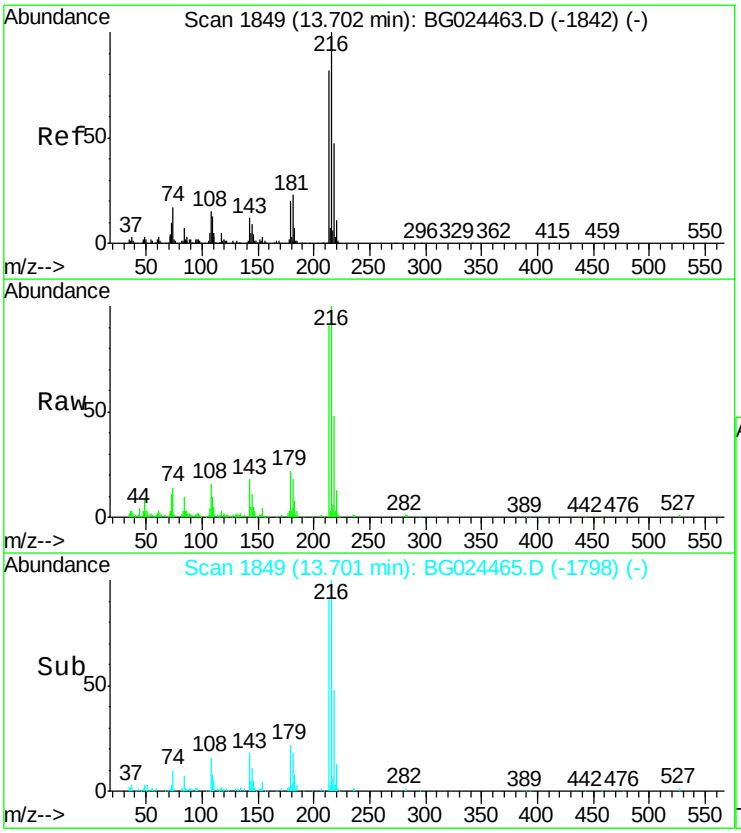
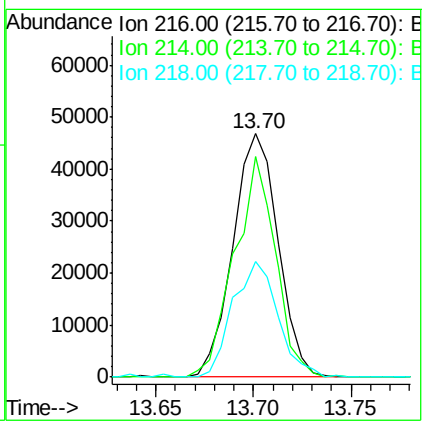
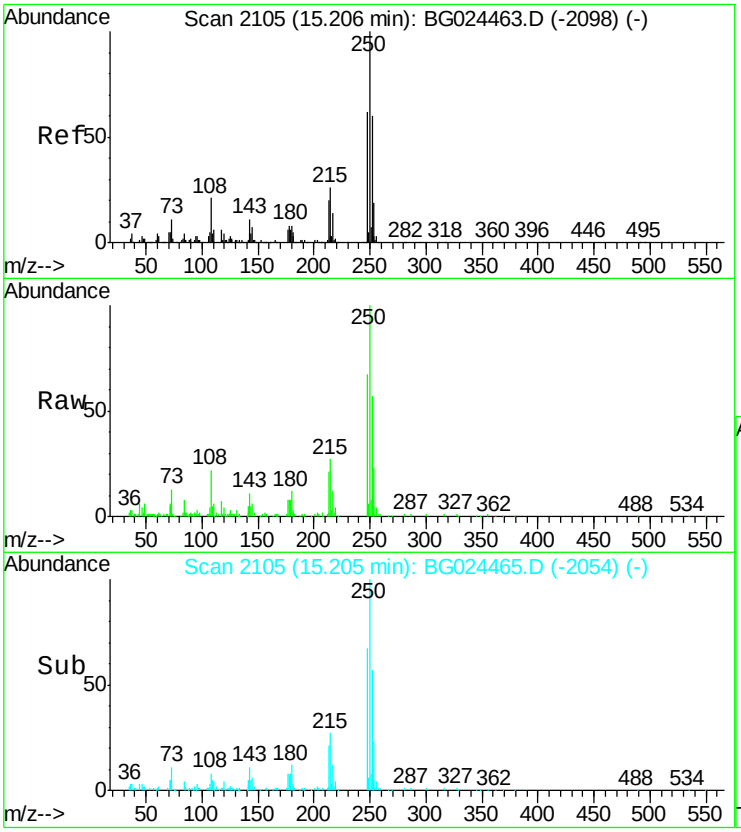


#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.50 ng/uL
RT: 13.70 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG024465.D
Acq: 20 Oct 2016 16:32

Tgt Ion:216 Resp: 74694

Ion	Ratio	Lower	Upper
216	100		
214	90.8	62.5	93.7
218	47.6	38.4	57.6

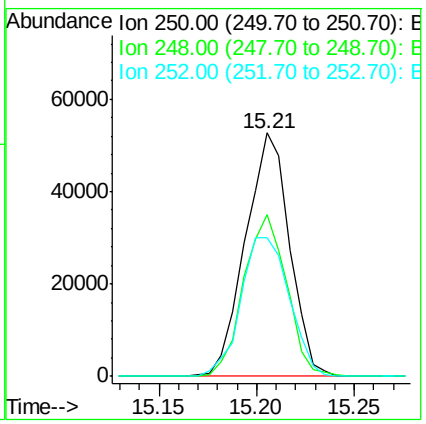




#22
Pentachlorobenzene
Concen: 3.68 ng/uL
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG024465.D
Acq: 20 Oct 2016 16:32

Tgt Ion:250 Resp: 82364

Ion	Ratio	Lower	Upper
250	100		
248	66.6	50.6	75.8
252	56.9	51.4	77.0



Instrument :
BNA_G
ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
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Instrument :
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ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
sohil
10/21/2016 6:52:41 PM

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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	183786	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	847456	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	699520	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1398156m	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1565968	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1619330	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.64	96	29895	8.70	ng/uL	0.00
3) Phenol-d5	7.41	99	613490	36.70	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.60	67	406383	39.33	ng/ul	0.00
5) 2-Chlorophenol-d4	7.81	132	438340	37.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	526386	37.76	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	235889	37.22	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	289100	39.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.71	165	539508	36.09	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	652096	41.94	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1652608	35.03	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1972468	35.14	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	275396	34.15	ng/ul	0.00
17) Fluorene-d10	15.88	176	1570754	34.95	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	324626	34.74	ng/ul	0.00
20) Anthracene-d10	17.74	188	2137773	34.42	ng/ul	0.00
24) Pyrene-d10	20.01	212	2432619	35.76	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	2666590	37.64	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.96	142	113580	3.61	ng/ul	82
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	74694	3.50	ng/uL	91
22) Pentachlorobenzene	15.21	250	82364	3.68	ng/uL	93

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