Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004636.D
Acq On : 16 Mar 2016 15:03
Operator : UM/SJ
Sample : H1783-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA3

Quant Time: Mar 17 01:40:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 00:56:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	58794	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	267119	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	142835	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	316719	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	363130	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	364879	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	2023	1.19	ng/uL	0.00
5) Phenol-d5	7.00	99	32281	6.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	95613	34.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	103611	26.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	62986	16.17	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	59192	31.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	62175	30.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	108309	27.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	4383	0.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	359143	32.16	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	451037	32.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	8033	3.72	ng/ul	0.00
58) Fluorene-d10	15.47	176	324232	33.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	38855	23.34	ng/ul	0.00
71) Anthracene-d10	17.32	188	510559	35.01	ng/ul	0.00
79) Pyrene-d10	19.61	212	585448	35.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	633894	38.90	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	9.05	77	335959	73.29	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	85319	18.70	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	180043	41.32	ng/uL	100
74) Pentachlorobenzene	14.79	250	7263	1.73	ng/uL	95

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

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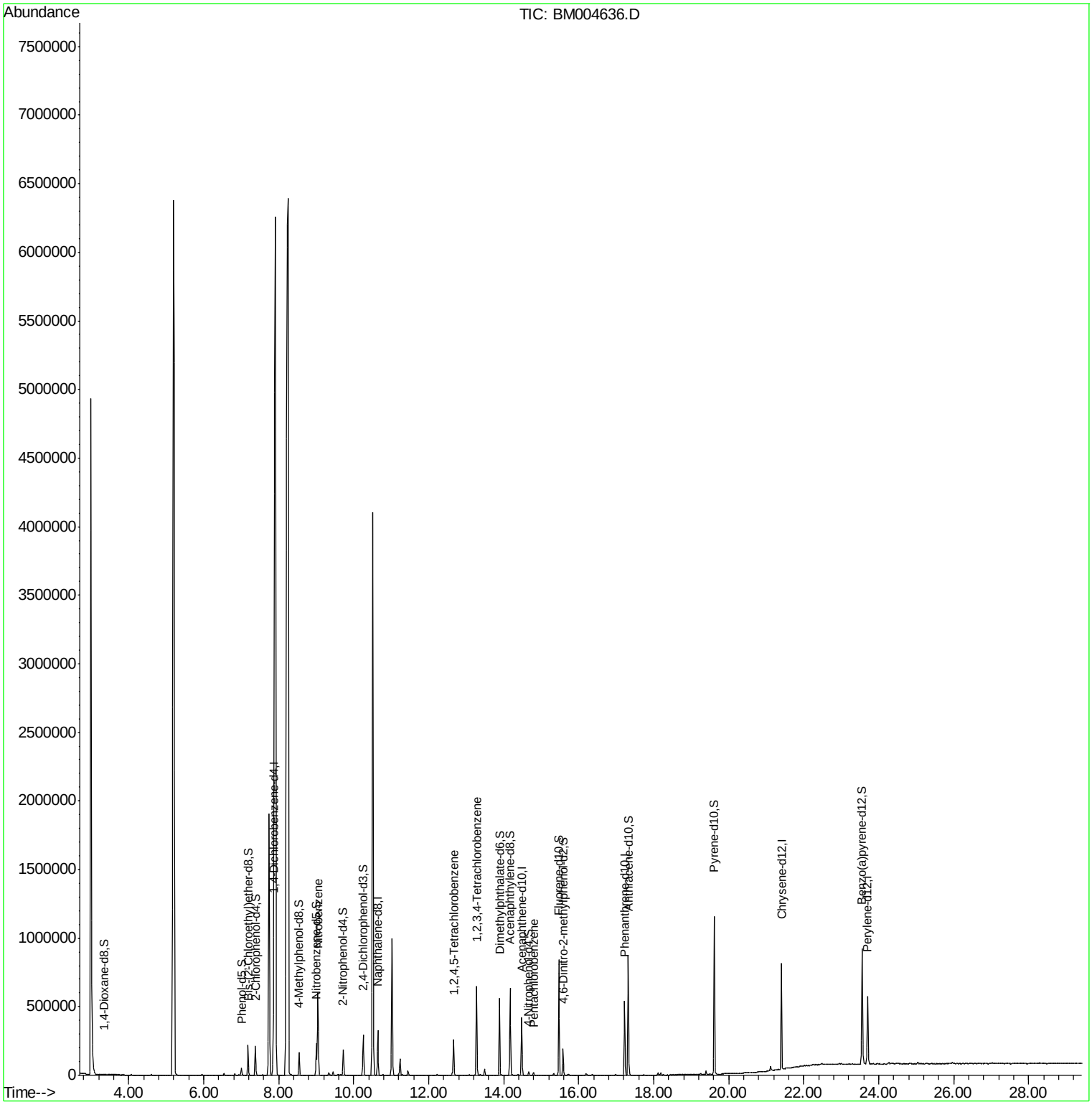
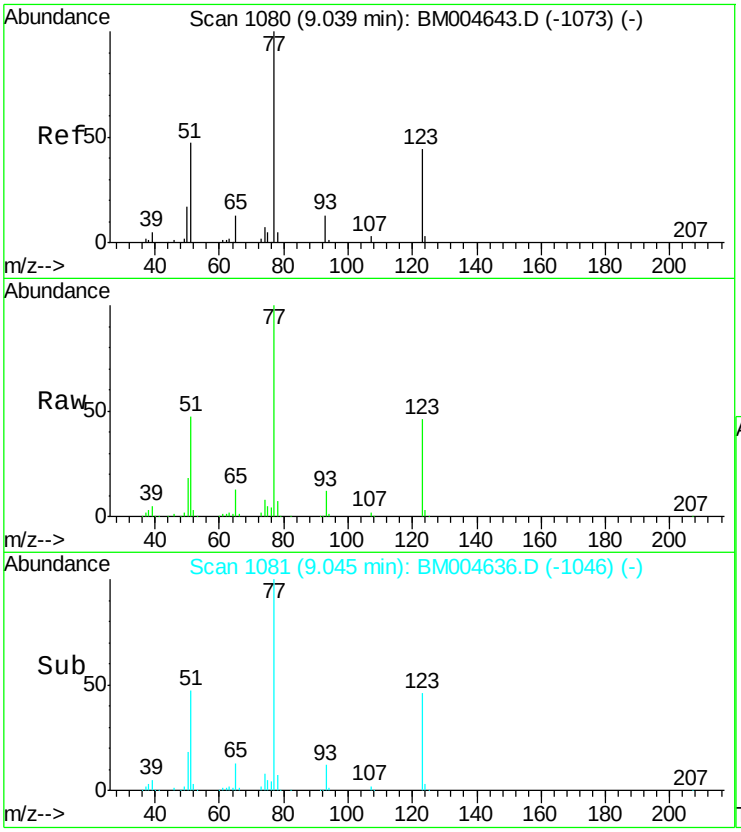


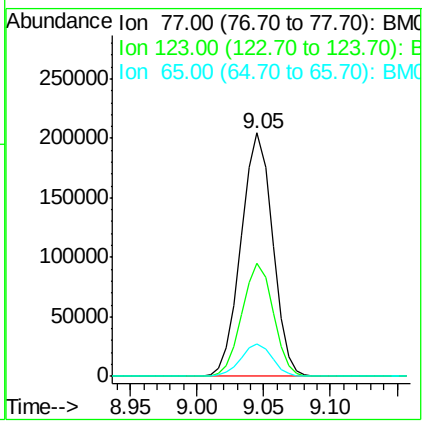


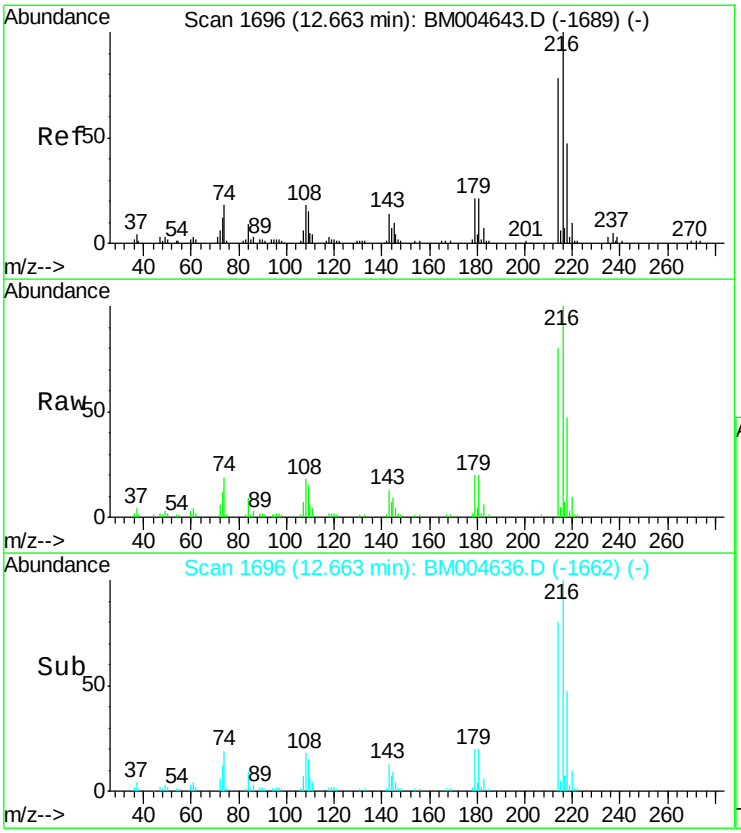
#20
Nitrobenzene
Concen: 73.29 ng/ul
RT: 9.05 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM004636.D
Acq: 16 Mar 2016 15:03

Instrument :
BNA_M
ClientSampleId :
C0AA3

Tgt Ion: 77 Resp: 335959

Ion	Ratio	Lower	Upper
77	100		
123	46.2	39.0	58.4
65	13.2	10.4	15.6

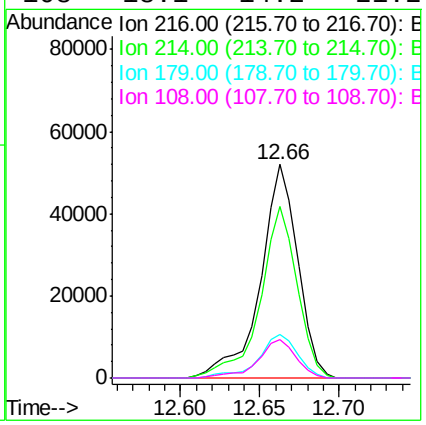


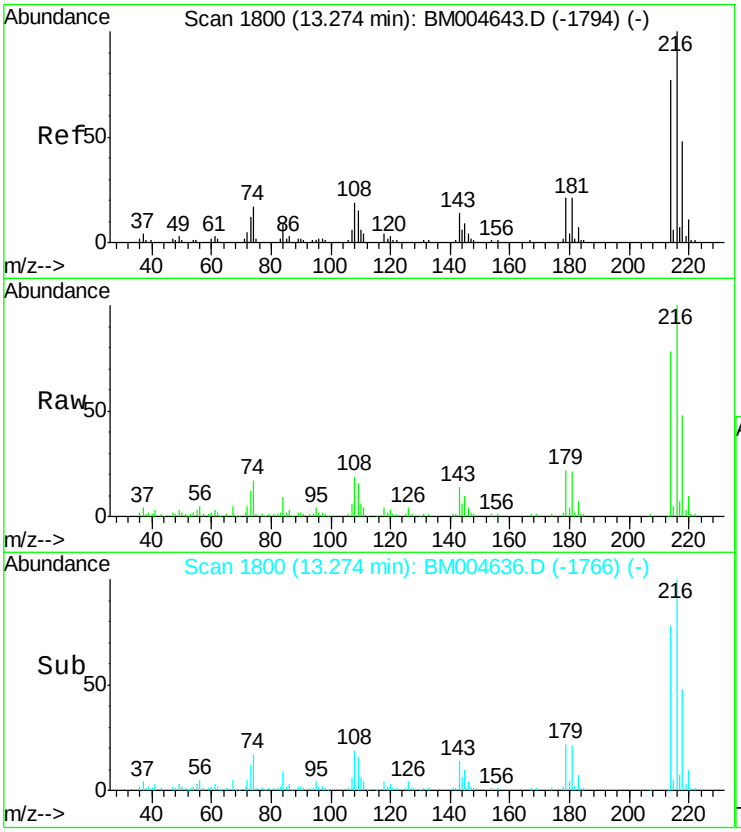


#37
1,2,4,5-Tetrachlorobenzene
Concen: 18.70 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM004636.D
Acq: 16 Mar 2016 15:03

Tgt Ion:216 Resp: 85319

Ion	Ratio	Lower	Upper
216	100		
214	80.5	62.5	93.7
179	20.1	18.2	27.2
108	18.1	14.2	21.2



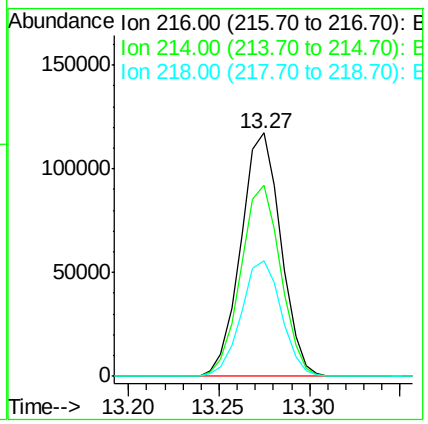


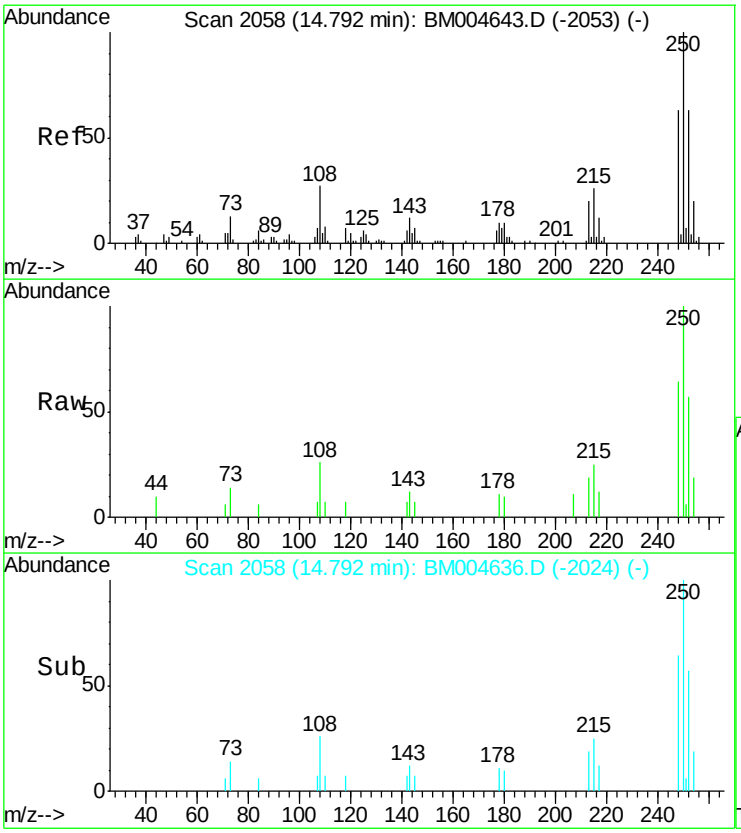
#73
1,2,3,4-Tetrachlorobenzene
Concen: 41.32 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BM004636.D
Acq: 16 Mar 2016 15:03

Instrument :
BNA_M
ClientSampleId :
C0AA3

Tgt Ion:216 Resp: 180043

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.5	93.7
218	47.7	38.4	57.6





#74
Pentachlorobenzene
Concen: 1.73 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM004636.D
Acq: 16 Mar 2016 15:03

Tgt Ion:250 Resp: 7263

Ion	Ratio	Lower	Upper
250	100		
248	64.0	50.6	75.8
252	56.6	51.4	77.0