

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
 Data File : BM009293.D
 Acq On : 20 Mar 2017 13:57
 Operator : SJ/MA
 Sample : I2303-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH8

Quant Time: Mar 20 14:34:37 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:19:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	98476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	467002	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	314677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	822788	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1302467	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1358811	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	10872	4.86	ng/uL	0.00
5) Phenol-d5	7.03	99	47991	4.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	189385	27.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	141527	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	99863	11.75	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	105095	31.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	112531	30.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	195719	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	12946	1.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	826144	34.57	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	994084	36.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	19251	4.06	ng/ul	0.00
57) Fluorene-d10	15.50	176	781630	36.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	129644	26.34	ng/ul	0.00
70) Anthracene-d10	17.36	188	1356932	34.85	ng/ul	0.00
78) Pyrene-d10	19.65	212	1717385	32.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	2065740	33.23	ng/ul	0.00

Target Compounds

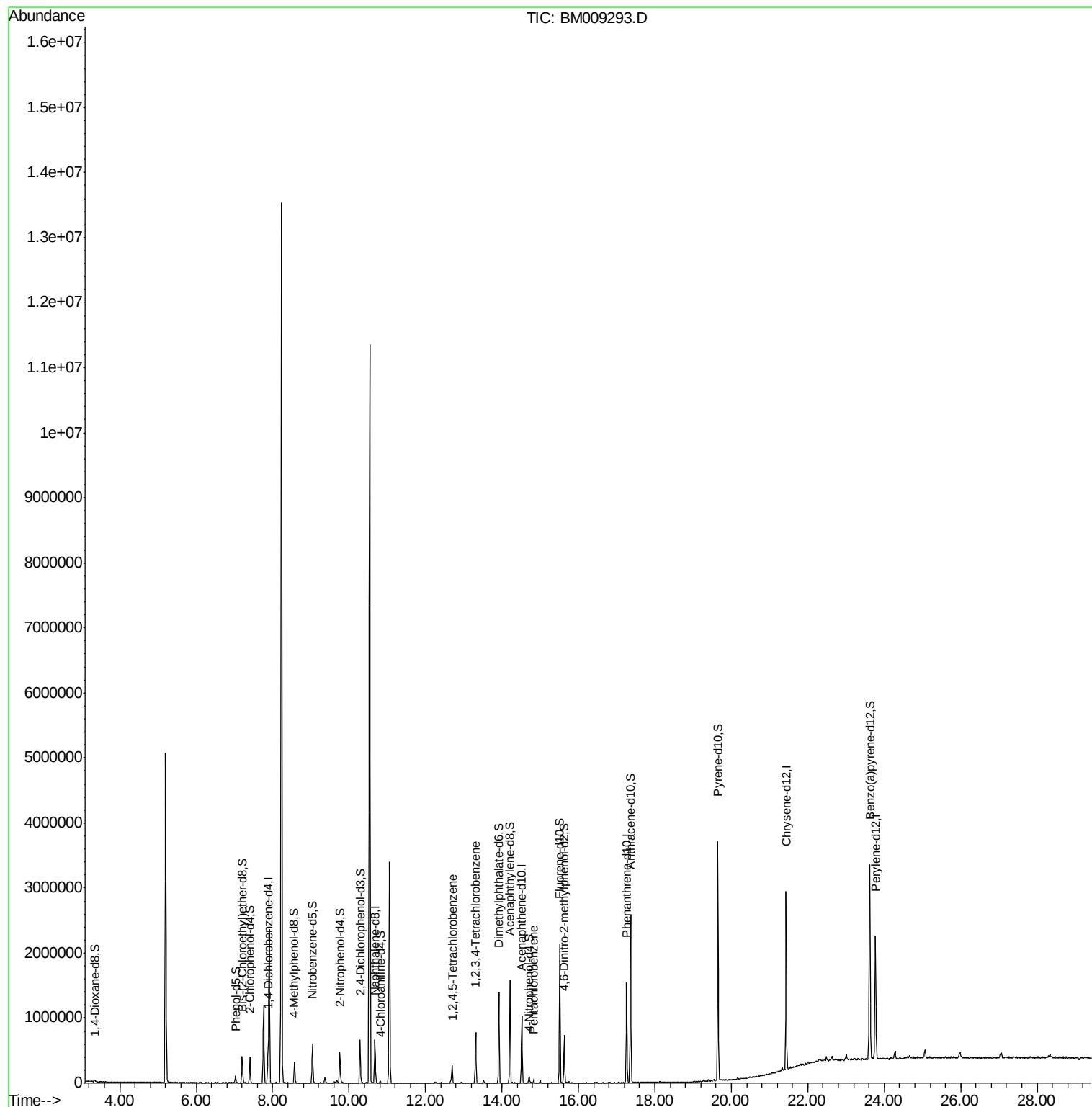
						Qvalue
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	78107	8.25	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	217194	22.47	ng/uL	98
73) Pentachlorobenzene	14.83	250	14498	1.40	ng/uL	97

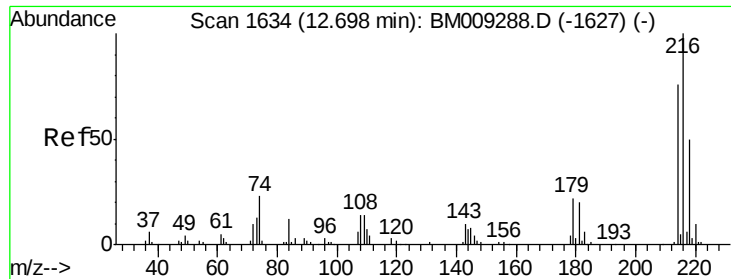
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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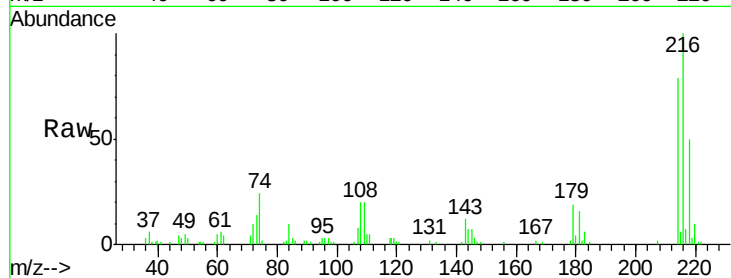




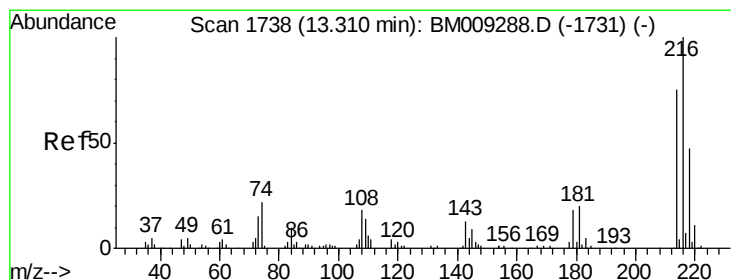
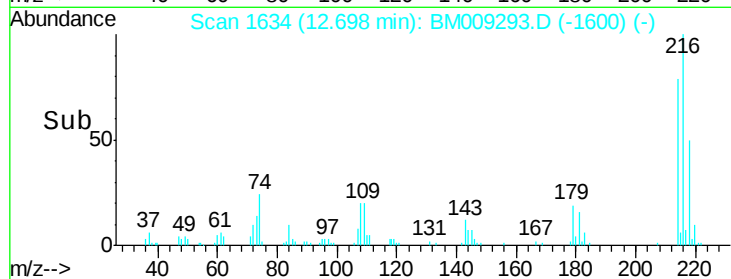
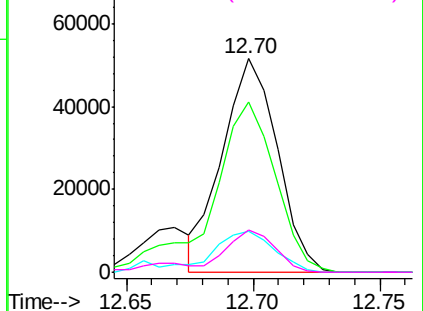
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.25 ng/uL
 RT: 12.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BM009293.D
 Acq: 20 Mar 2017 13:57

Instrument :
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 ClientSampleId :
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Tgt Ion:	216	Resp:	78107
Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.5	93.7
179	19.0	18.2	27.2
108	19.8	14.2	21.2

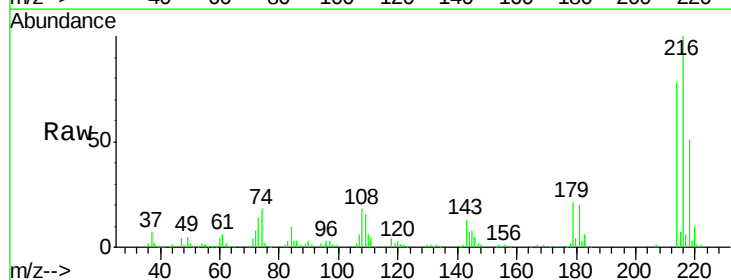


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

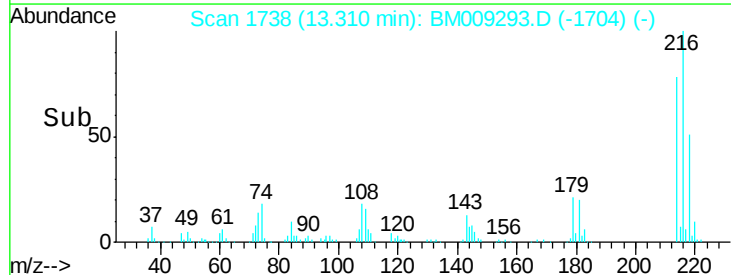
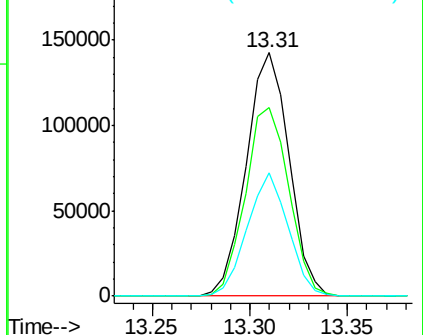


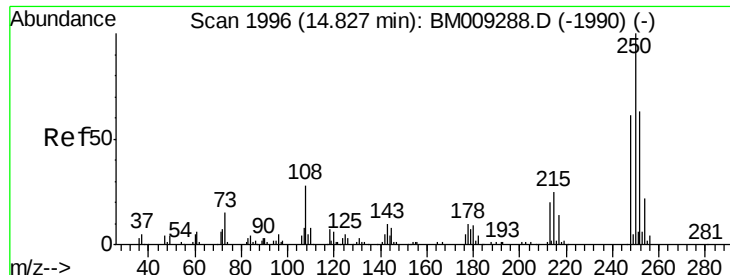
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 22.47 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BM009293.D
 Acq: 20 Mar 2017 13:57

Tgt Ion:	216	Resp:	217194
Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.5	93.7
218	50.7	38.4	57.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 1.40 ng/uL

RT: 14.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BM009293.D

Acq: 20 Mar 2017 13:57

Instrument :

BNA_M

ClientSampleId :

C0BH8

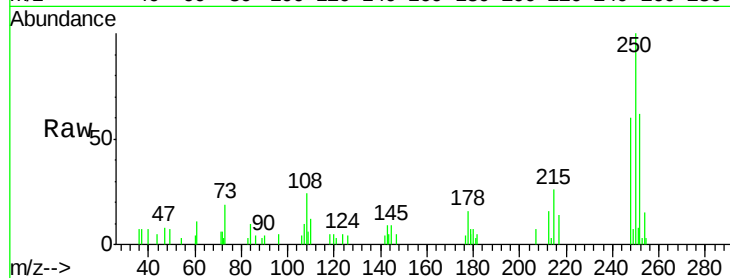
Tgt Ion:250 Resp: 14498

Ion Ratio Lower Upper

250 100

248 59.8 50.6 75.8

252 62.4 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

