

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009402.D
 Acq On : 25 Mar 2017 04:25
 Operator : SJ/MA
 Sample : I2358-04DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ3DL

Manual Integrations
 APPROVED

mohammad
 3/27/2017 1:18:07 PM

Quant Time: Mar 25 05:46:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 25 01:48:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	188365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	701812	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	380886	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	856512	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1112447	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1060928	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5633	1.14	ng/uL	0.00
5) Phenol-d5	7.00	99	24751	1.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	76977	6.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	60972	5.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	42061	3.31	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	34185	6.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	34503	6.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	67036	6.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	2618	0.21	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	222570	8.31	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	260313	7.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	4893	0.99	ng/ul	0.00
57) Fluorene-d10	15.49	176	199858	8.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	24146	4.46	ng/ul	0.00
70) Anthracene-d10	17.34	188	306337m	7.50	ng/ul	0.00
78) Pyrene-d10	19.63	212	367746	7.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	369190	7.56	ng/ul	0.00

Target Compounds

						Ovalue
20) Nitrobenzene	9.06	77	26317	1.51	ng/ul#	73
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	157721	12.32	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	626467	49.75	ng/uL	99
73) Pentachlorobenzene	14.81	250	23242	1.87	ng/uL	92

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

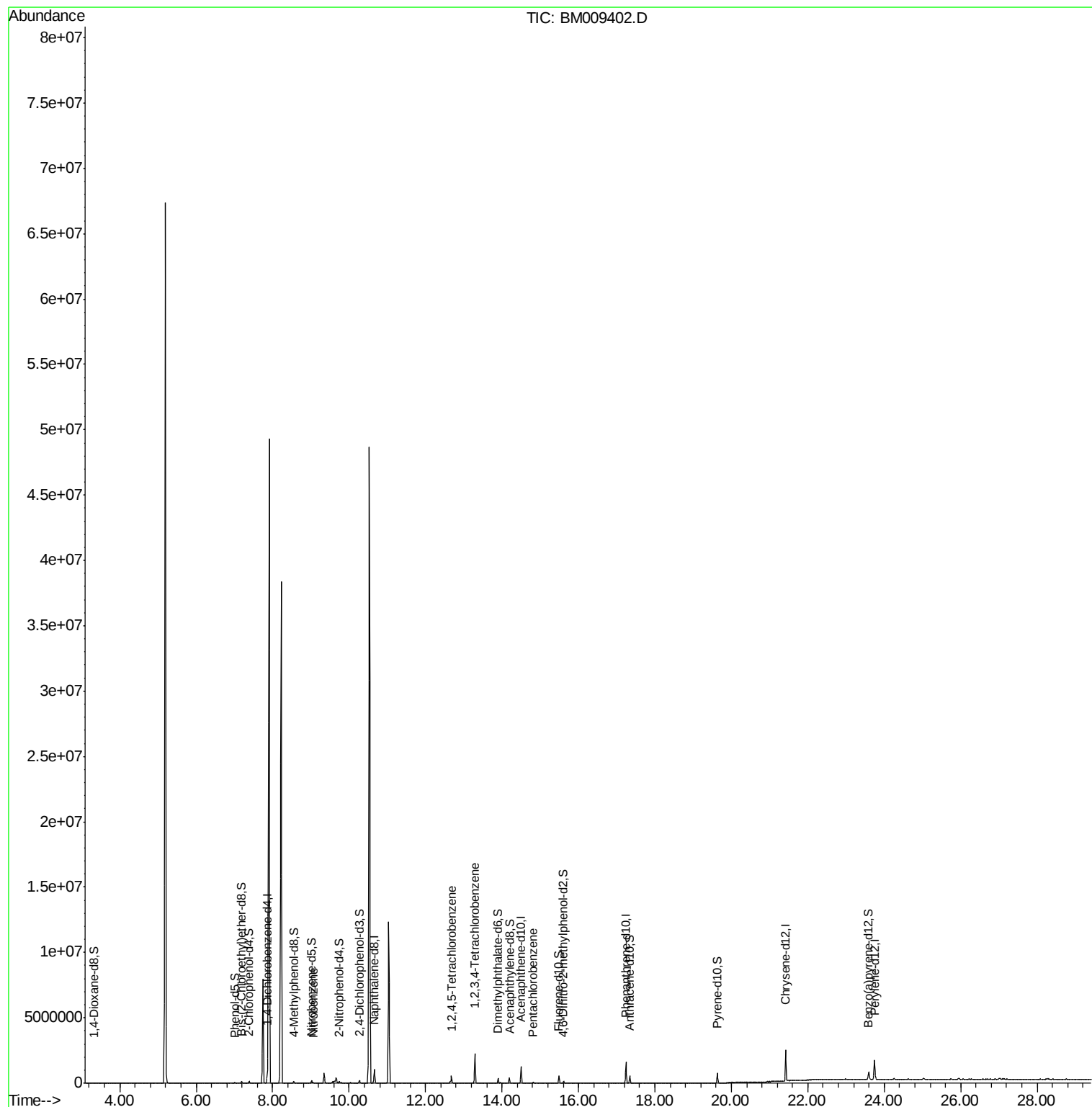
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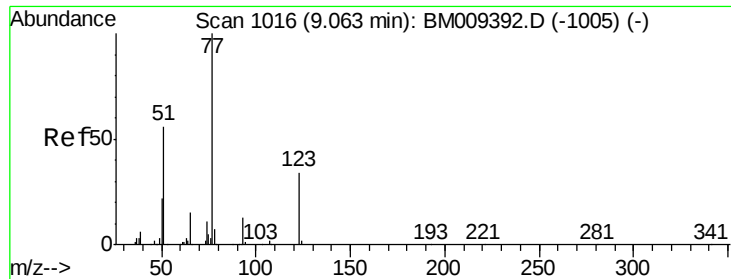
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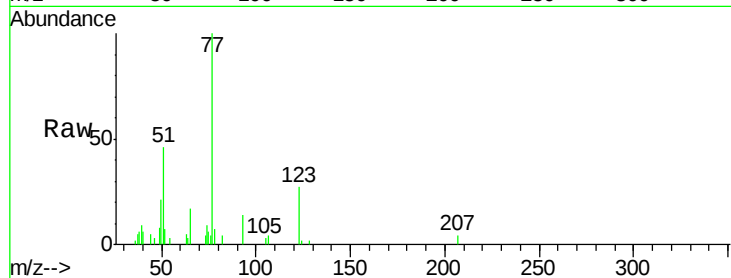
#20
Nitrobenzene
Concen: 1.51 ng/ul
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009402.D
Acq: 25 Mar 2017 04:25

Instrument :
BNA_M
ClientSampleId :
C0BJ3DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	27.0	39.0	58.4#
65	16.7	10.4	15.6#

Manual Integrations
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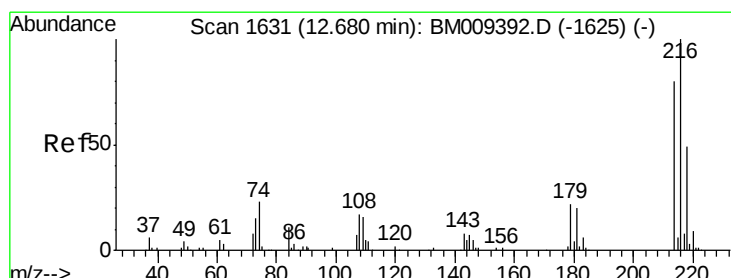
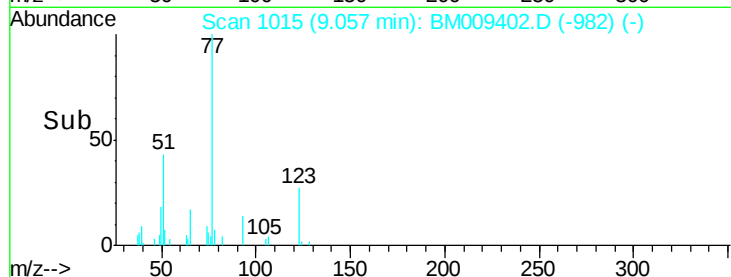
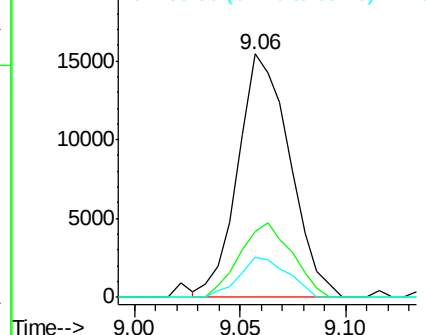


Abundance

Ion 77.00 (76.70 to 77.70): BM009392.D (-1005) (-)

Ion 123.00 (122.70 to 123.70): BM009392.D (-1005) (-)

Ion 65.00 (64.70 to 65.70): BM009392.D (-1005) (-)



#36
1,2,4,5-Tetrachlorobenzene
Concen: 12.32 ng/ul
RT: 12.68 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BM009402.D
Acq: 25 Mar 2017 04:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	74.6	62.5	93.7
179	21.7	18.2	27.2
108	17.5	14.2	21.2

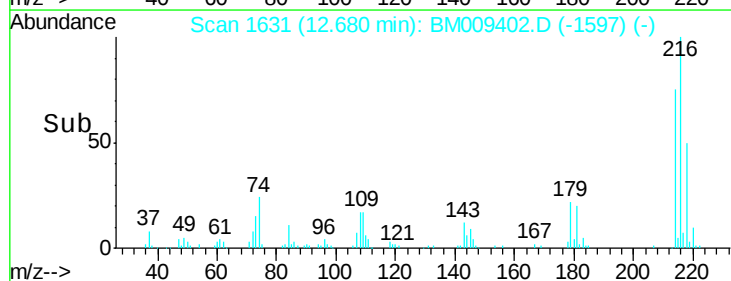
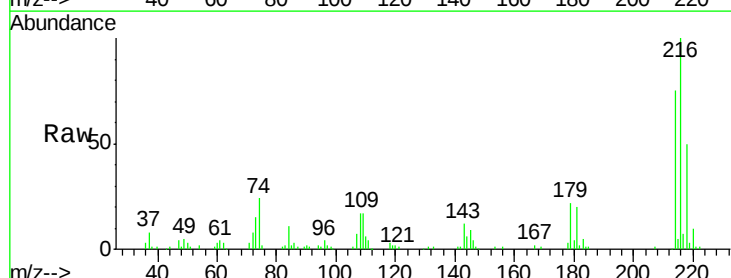
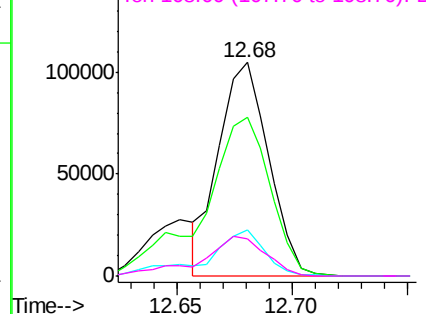
Abundance

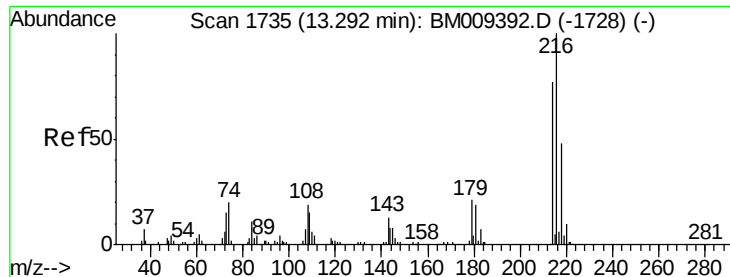
Ion 216.00 (215.70 to 216.70): BM009392.D (-1625) (-)

Ion 214.00 (213.70 to 214.70): BM009392.D (-1625) (-)

Ion 179.00 (178.70 to 179.70): BM009392.D (-1625) (-)

Ion 108.00 (107.70 to 108.70): BM009392.D (-1625) (-)





#72

1,2,3,4-Tetrachlorobenzene

Concen: 49.75 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BM009402.D

Acq: 25 Mar 2017 04:25

Instrument :

BNA_M

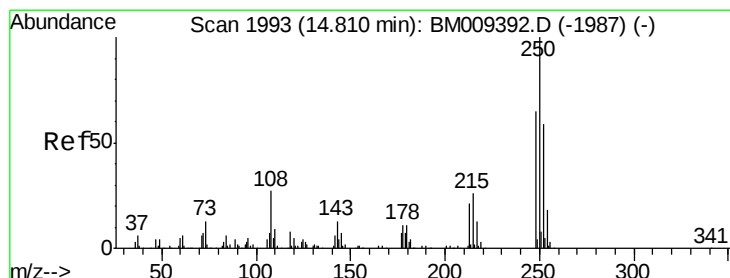
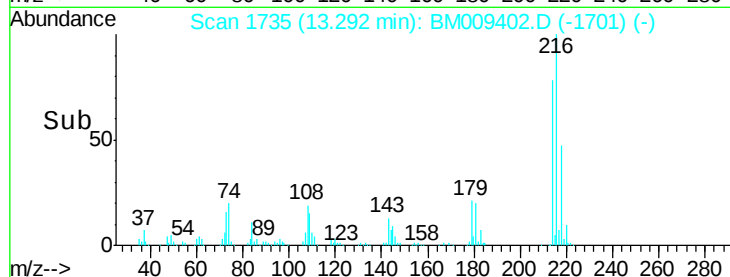
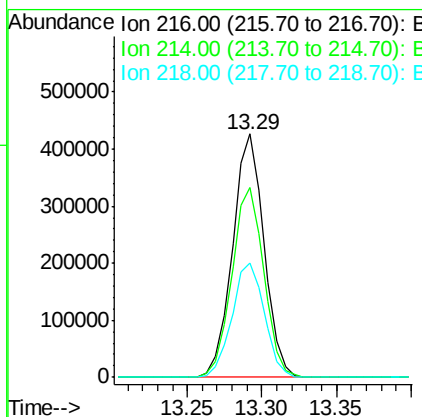
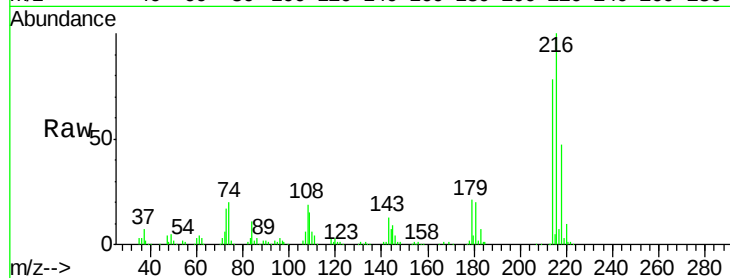
ClientSampleId :

C0BJ3DL

Tot Ion:	216	Resp:	626467
Ion Ratio		Lower	Upper
216	100		
214	77.7	62.5	93.7
218	46.8	38.4	57.6

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#73

Pentachlorobenzene

Concen: 1.87 ng/uL

RT: 14.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BM009402.D

Acq: 25 Mar 2017 04:25

Tgt Ion:	250	Resp:	23242
Ion Ratio		Lower	Upper
250	100		
248	60.4	50.6	75.8
252	54.5	51.4	77.0

