

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
 Data File : BM009297.D
 Acq On : 20 Mar 2017 16:21
 Operator : SJ/MA
 Sample : I2303-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH9

Quant Time: Mar 20 16:51:59 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	7.88	152	93032	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	398762	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	243483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	655263	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1138190	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1298020	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.34	96	10146	4.80	ng/uL	0.00
5) Phenol-d5	7.03	99	40533	4.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	164041	25.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	119875	19.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	84727	10.55	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	87666	30.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	89199	28.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	165359	24.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	10863	1.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	651260	35.22	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	771339	36.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	17891	4.87	ng/ul	0.00
57) Fluorene-d10	15.51	176	603883	36.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	107122	27.32	ng/ul	0.00
70) Anthracene-d10	17.36	188	1089824	35.14	ng/ul	0.00
78) Pyrene-d10	19.65	212	1435700	31.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	2024758	34.10	ng/ul	0.00

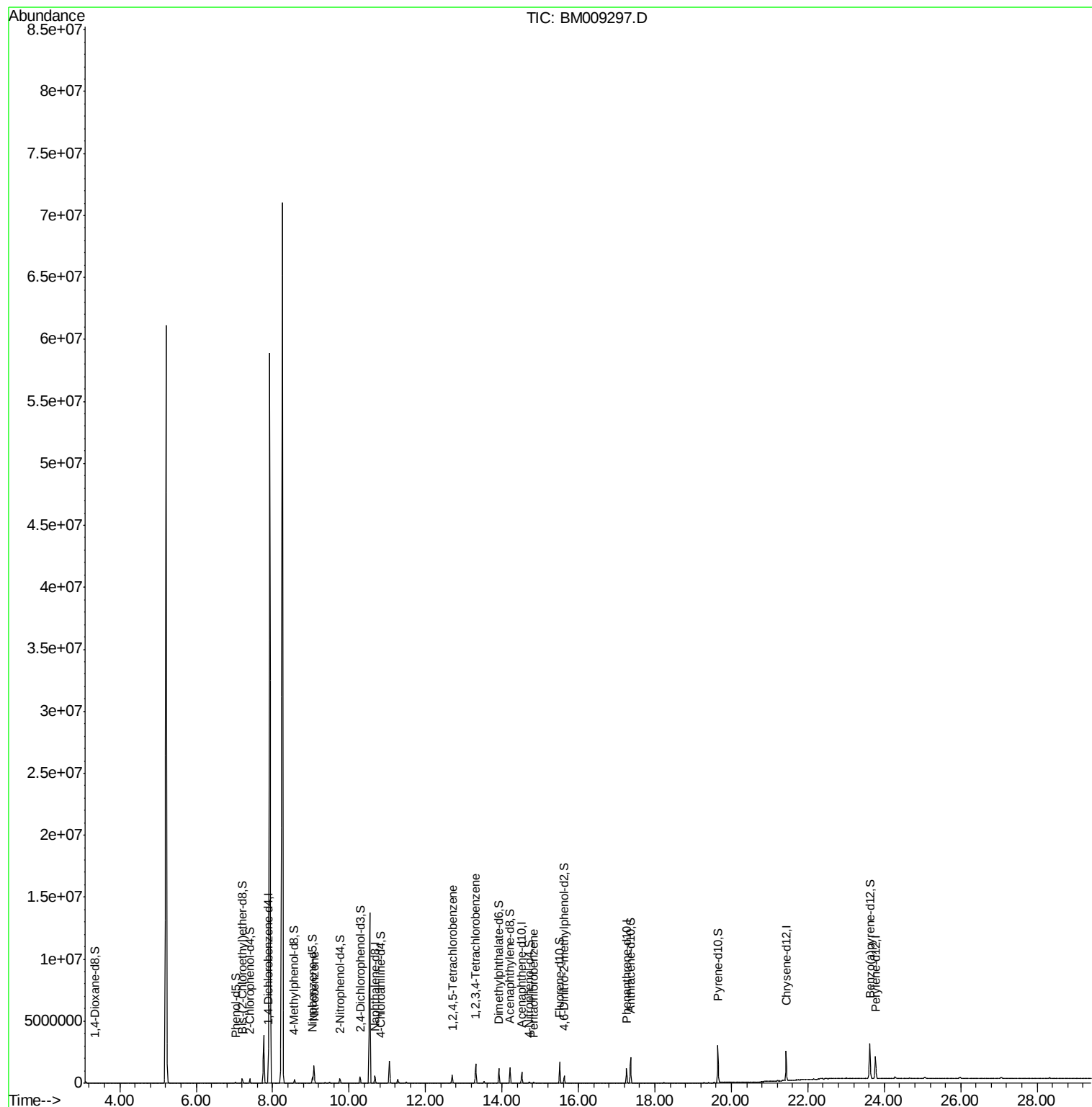
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Nitrobenzene	9.08	77	761571	80.20	ng/ul#	81
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	196080	26.78	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	390541	50.73	ng/uL	97
73) Pentachlorobenzene	14.83	250	19602	2.37	ng/uL#	87

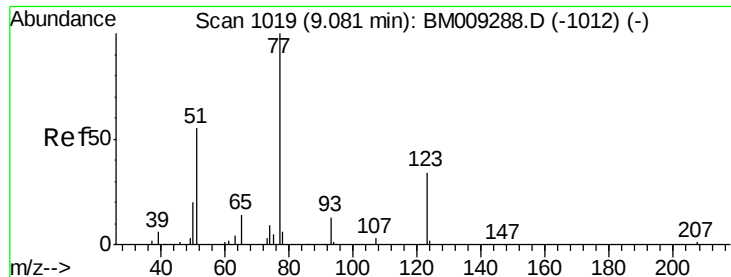
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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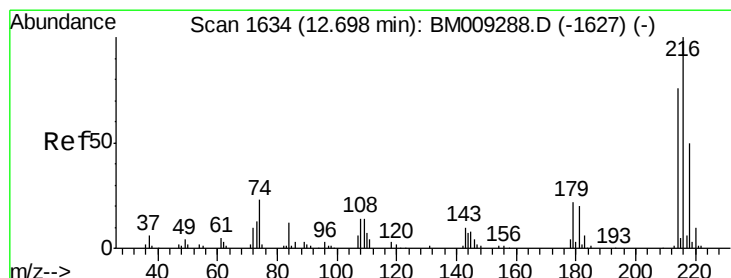
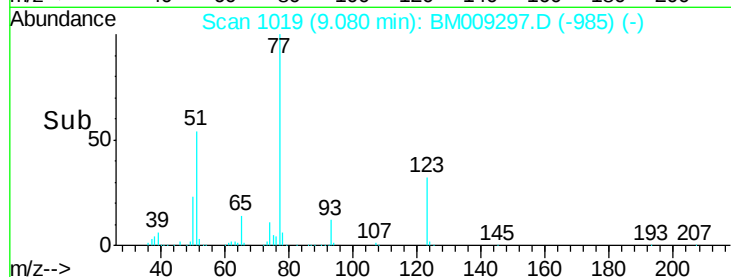
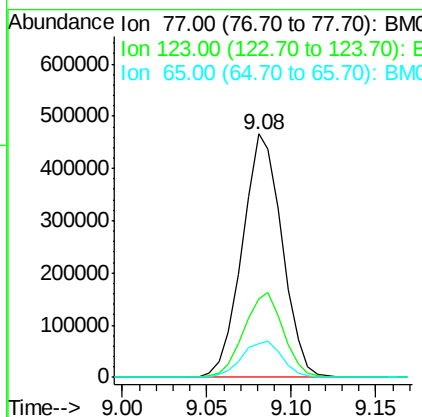
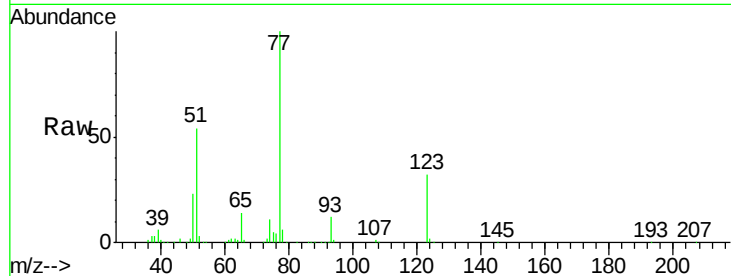




#20
Nitrobenzene
Concen: 80.20 ng/ul
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BM009297.D
Acq: 20 Mar 2017 16:21

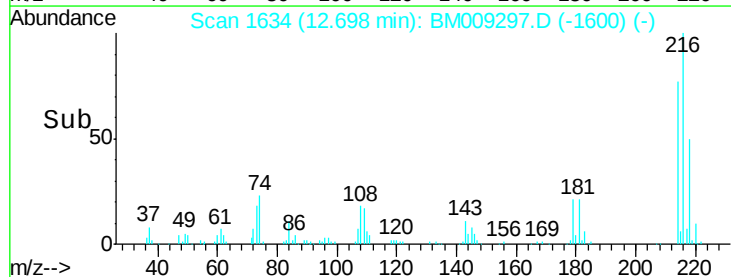
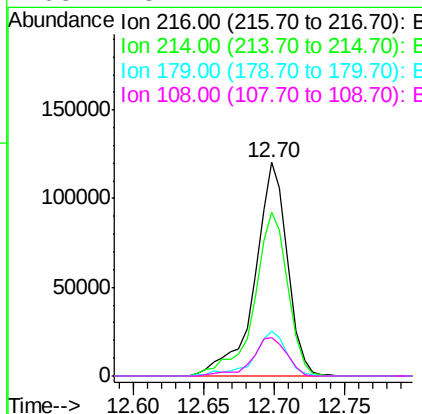
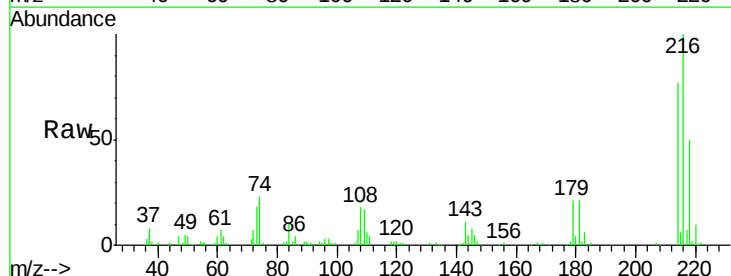
Instrument :
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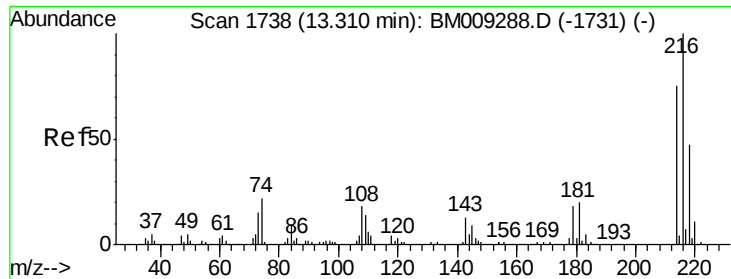
Tgt Ion: 77 Resp: 761571
Ion Ratio Lower Upper
77 100
123 32.3 39.0 58.4#
65 13.6 10.4 15.6



#36
1,2,4,5-Tetrachlorobenzene
Concen: 26.78 ng/ul
RT: 12.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM009297.D
Acq: 20 Mar 2017 16:21

Tgt Ion: 216 Resp: 196080
Ion Ratio Lower Upper
216 100
214 76.5 62.5 93.7
179 20.7 18.2 27.2
108 18.2 14.2 21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 50.73 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BM009297.D

Acq: 20 Mar 2017 16:21

Instrument :

BNA_M

ClientSampleId :

C0BH9

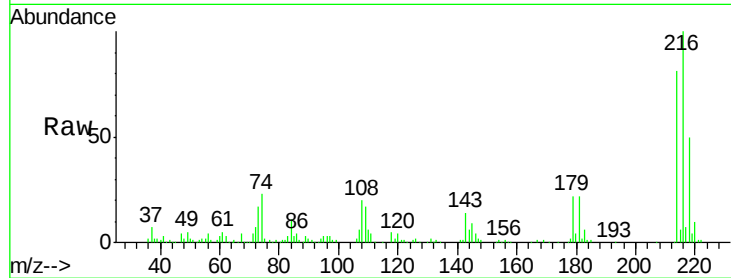
Tgt Ion:216 Resp: 390541

Ion Ratio Lower Upper

216 100

214 80.6 62.5 93.7

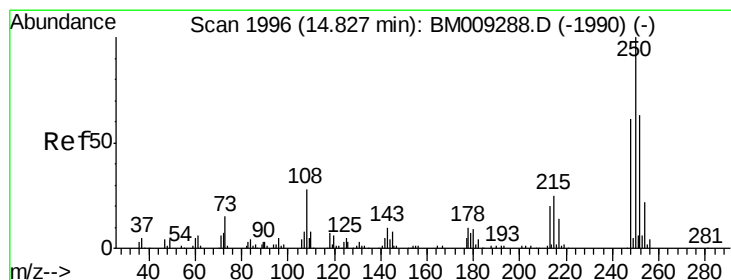
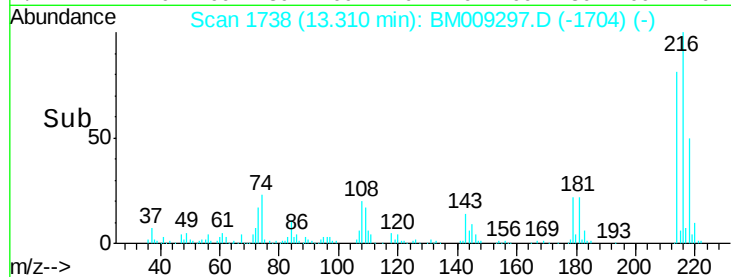
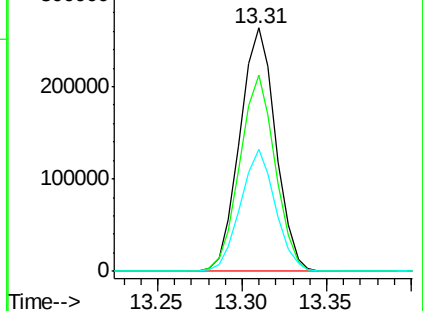
218 50.1 38.4 57.6



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: 2.37 ng/uL

RT: 14.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BM009297.D

Acq: 20 Mar 2017 16:21

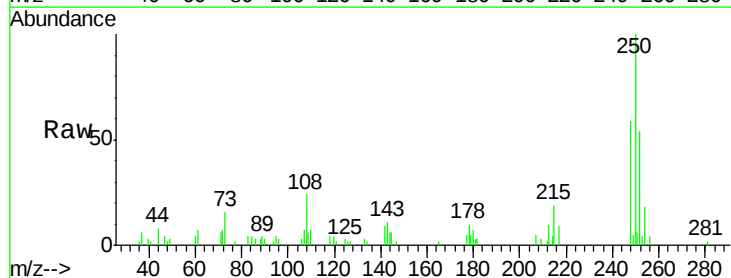
Tgt Ion:250 Resp: 19602

Ion Ratio Lower Upper

250 100

248 55.5 50.6 75.8

252 50.9 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

