

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092317\
 Data File : BM011712.D
 Acq On : 23 Sep 2017 19:11
 Operator : SJ/JU
 Sample : I5273-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD8DL

Manual Integrations
 APPROVED

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 9/25/2017 6:27:54 PM

Quant Time: Sep 25 16:53:30 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 01:59:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	169438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	656454	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	342582	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	755497	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	858069	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	897693	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	1651	0.44	ng/uL	0.00
5) Phenol-d5	7.10	99	21855	1.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	78550	7.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	68985	5.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	38214	3.01	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	38531	7.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	39212	7.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	69287	6.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	5220	0.45	ng/ul	0.02
44) Dimethylphthalate-d6	13.98	166	233230	8.05	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	260888	7.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.80	143	4185m	0.77	ng/ul	0.04
58) Fluorene-d10	15.57	176	194585	7.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	21688	4.93	ng/ul	0.00
71) Anthracene-d10	17.42	188	304354	8.18	ng/ul	0.00
79) Pyrene-d10	19.70	212	351860	8.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	349809	8.18	ng/ul	0.00

Target Compounds

					Qvalue	
20) Nitrobenzene	9.16	77	69547	5.935	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	88729	8.731	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	431412	42.853	ng/uL	98
74) Pentachlorobenzene	14.90	250	10862	1.064	ng/uL	94

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

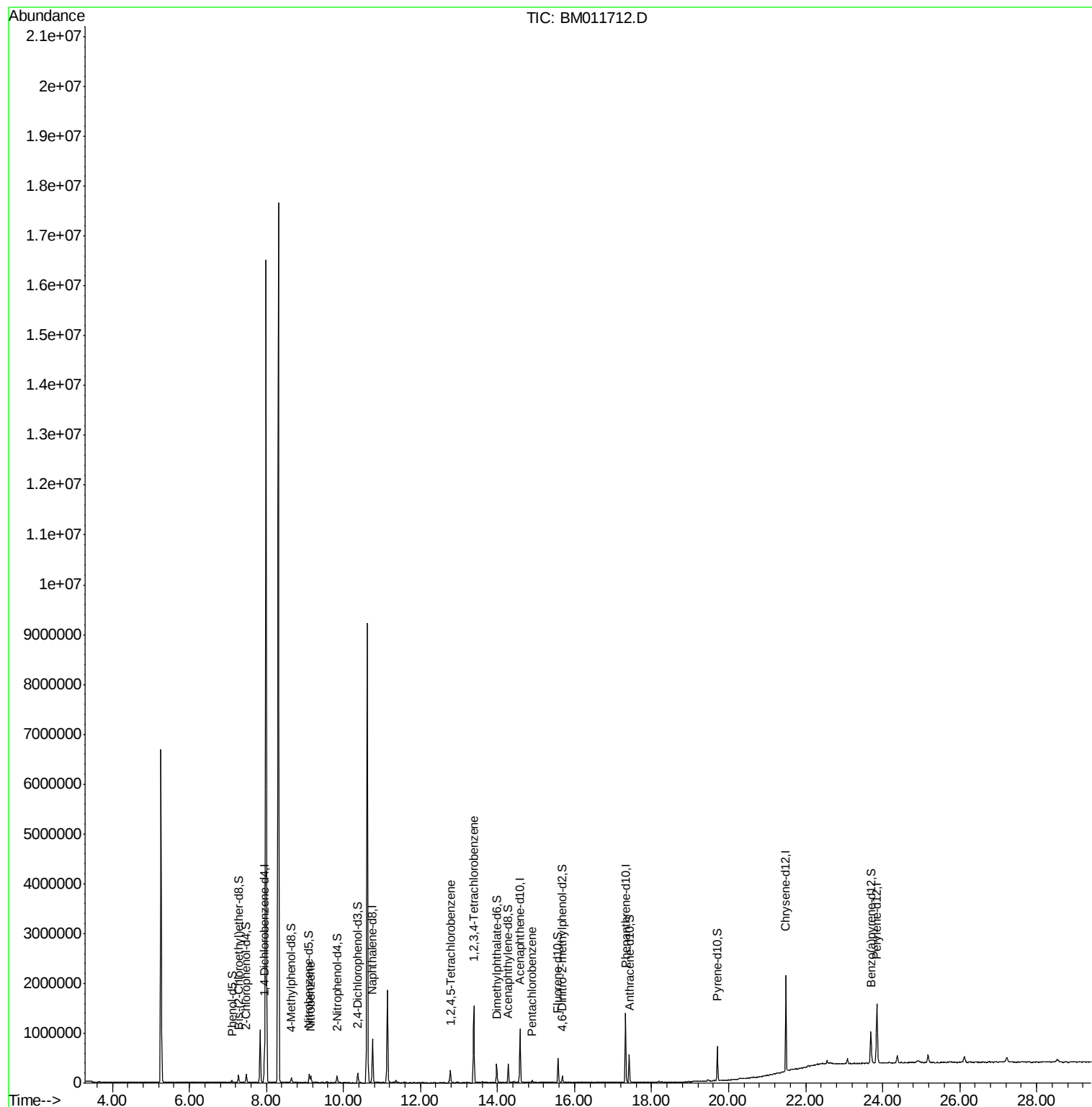
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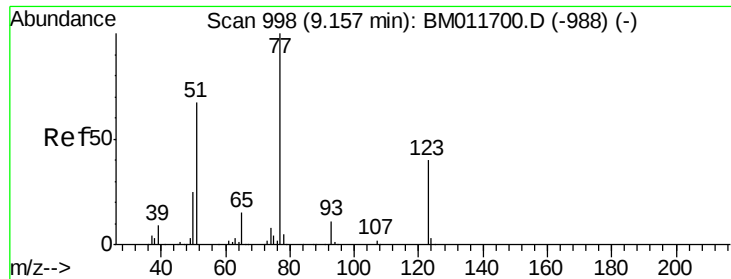
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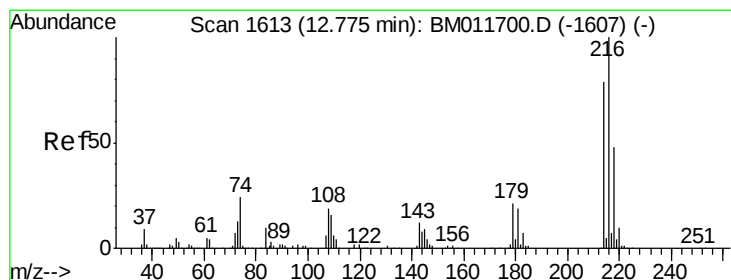
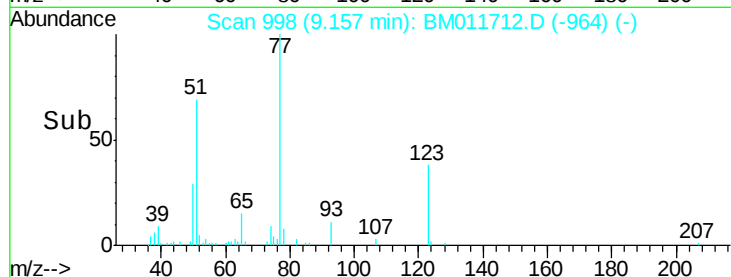
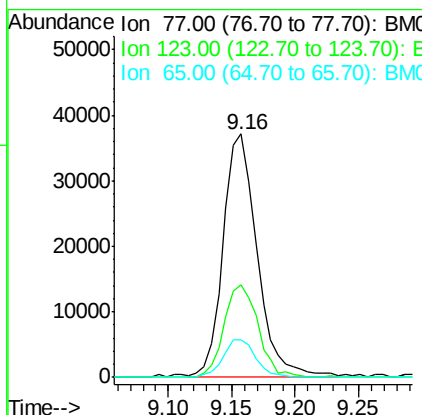
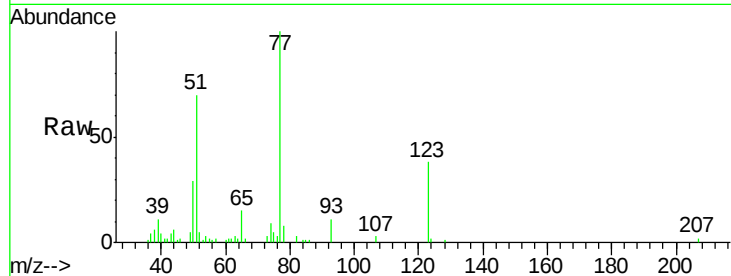
#20
 Nitrobenzene
 Concen: 5.935 ng/ul
 RT: 9.16 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BM011712.D
 Acq: 23 Sep 2017 19:11

Instrument :
 BNA_M
 ClientSampleId :
 C0AD8DL

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	31.8	47.8
65	15.3	10.6	16.0

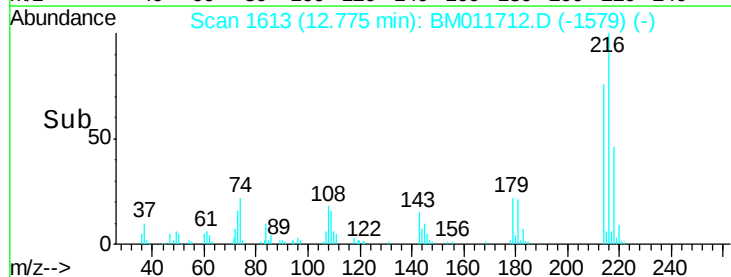
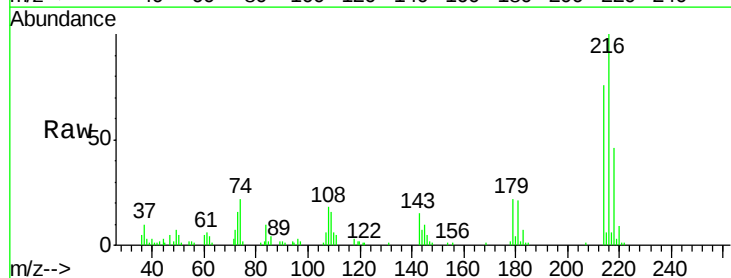
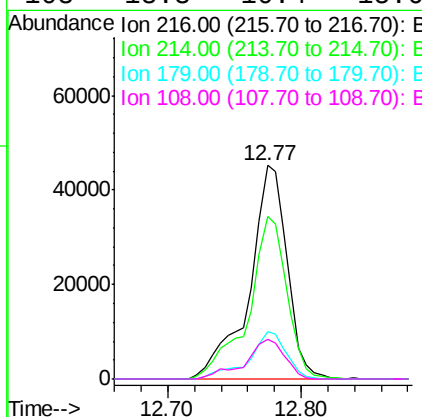
Manual Integrations
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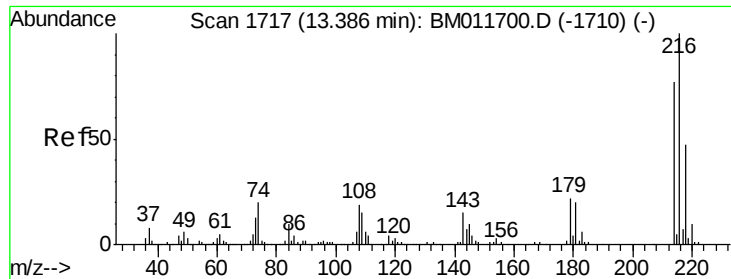
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.731 ng/ul
 RT: 12.77 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BM011712.D
 Acq: 23 Sep 2017 19:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	64.1	96.1
179	22.3	14.5	21.7#
108	18.3	10.4	15.6#





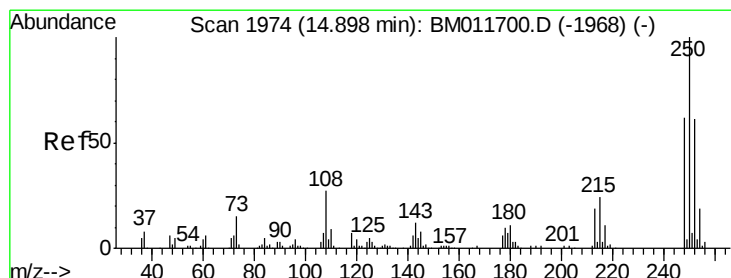
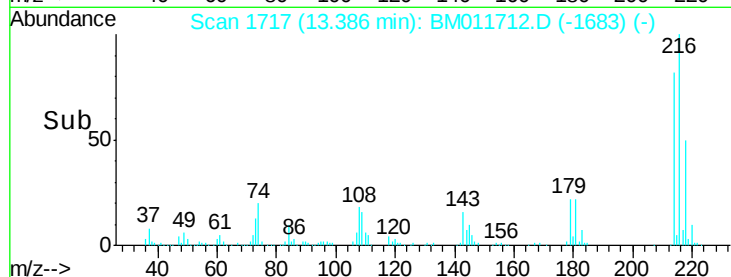
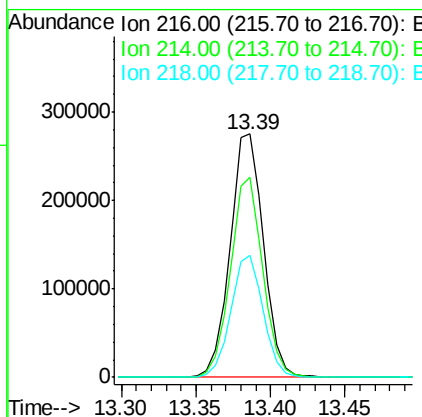
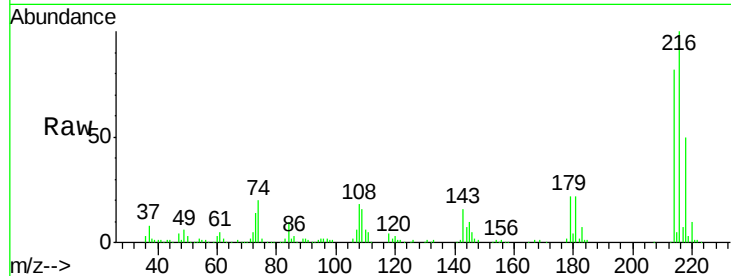
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 42.853 ng/uL
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM011712.D
 Acq: 23 Sep 2017 19:11

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	82.1	64.1	96.1
218	50.3	39.4	59.0

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#74
 Pentachlorobenzene
 Concen: 1.064 ng/uL
 RT: 14.90 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BM011712.D
 Acq: 23 Sep 2017 19:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
250	100		
248	56.7	51.4	77.2
252	63.3	49.8	74.6

