

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011645.D
 Acq On : 20 Sep 2017 19:47
 Operator : SJ/JU
 Sample : I5271-19DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5DL

Manual Integrations
 APPROVED

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Quant Time: Sep 21 05:06:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 04:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	276068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1153196	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	675714	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1517114	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1542888	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1440957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	495	0.08	ng/uL	0.00
5) Phenol-d5	7.12	99	10454	0.39	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	49212	2.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	39693m	1.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	22857	1.10	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	25036	2.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	22520	2.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	43003	2.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	368	0.02	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	173225	3.03	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	190675	2.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	1021	0.10	ng/ul	0.13
58) Fluorene-d10	15.58	176	154114	3.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	13263m	1.50	ng/ul	0.00
71) Anthracene-d10	17.43	188	241328	3.23	ng/ul	0.00
79) Pyrene-d10	19.72	212	257673	3.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	210986	3.07	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	9.17	77	795173	38.629	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	106972	5.337	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	264076	13.063	ng/uL	96

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

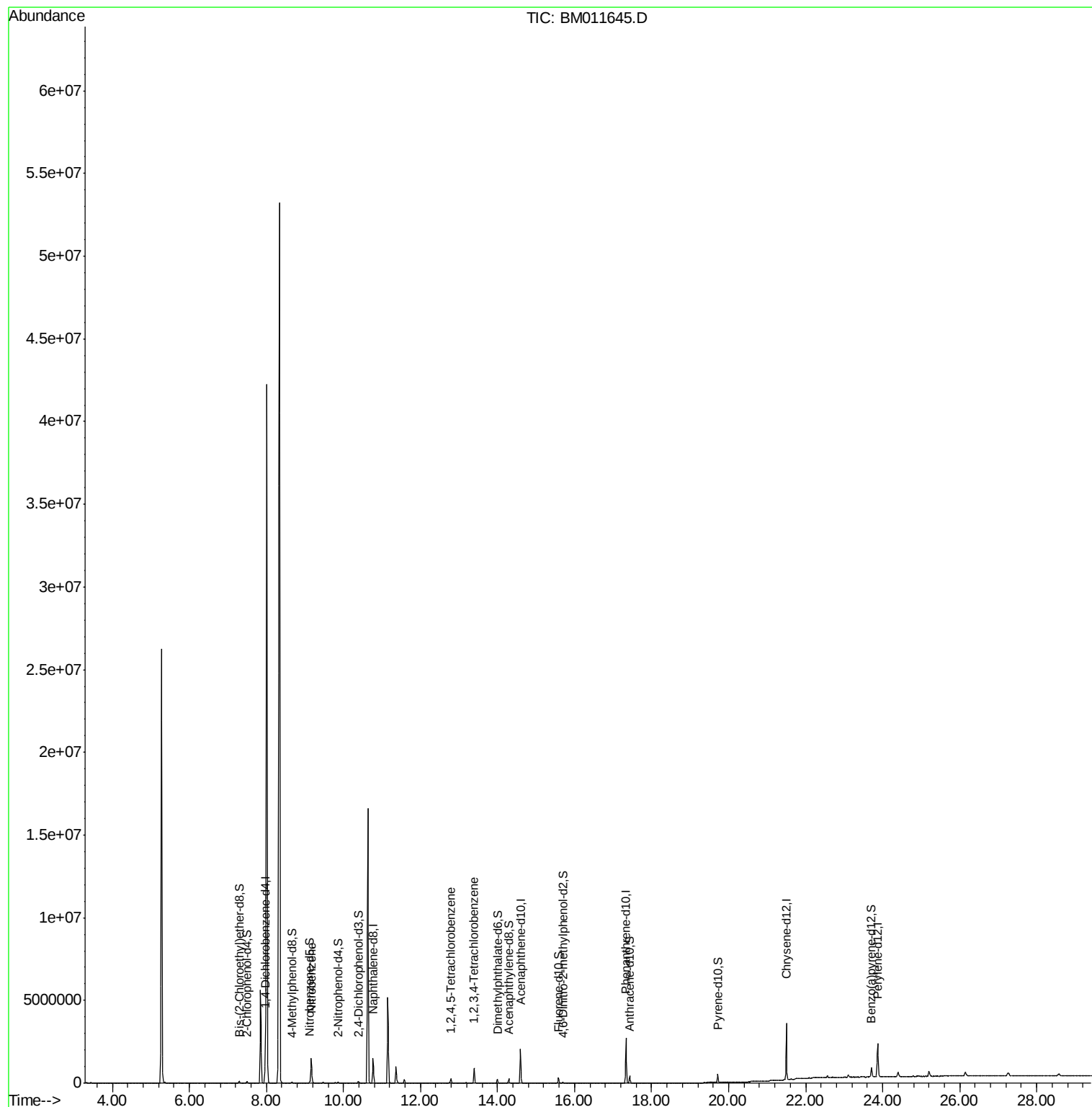
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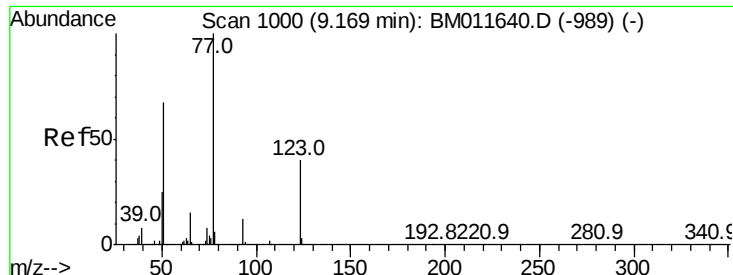
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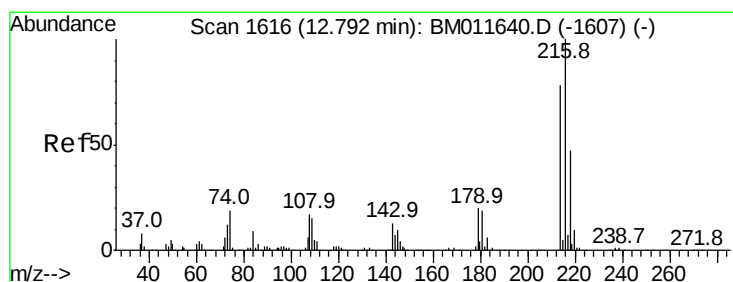
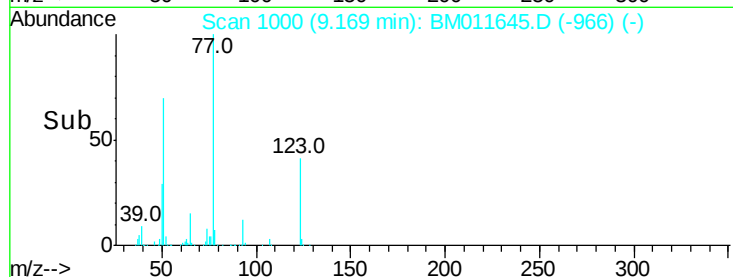
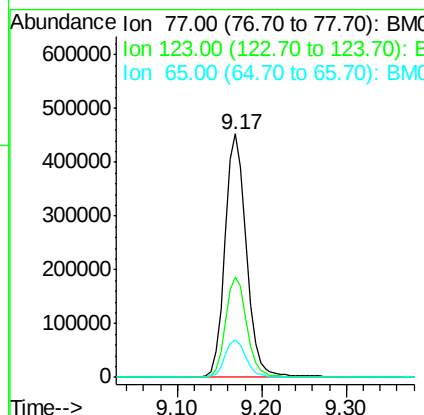
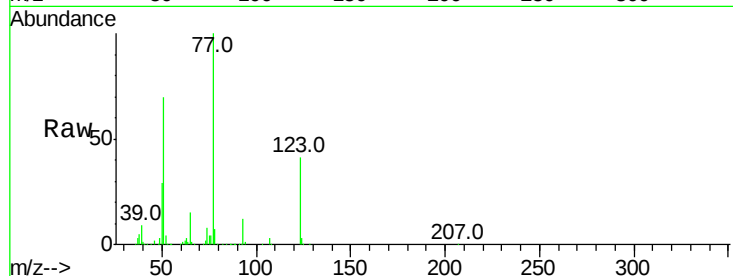
#20
 Nitrobenzene
 Concen: 38.629 ng/ul
 RT: 9.17 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BM011645.D
 Acq: 20 Sep 2017 19:47

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5DL

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.2	31.8	47.8	
65	15.3	10.6	16.0	

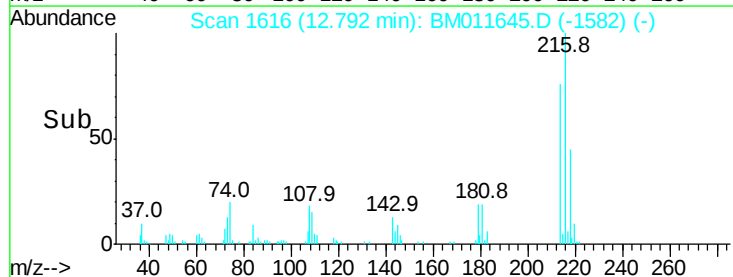
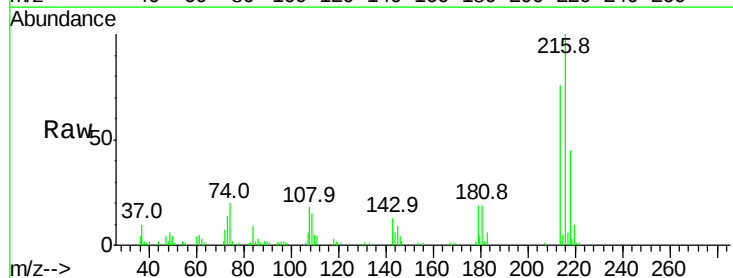
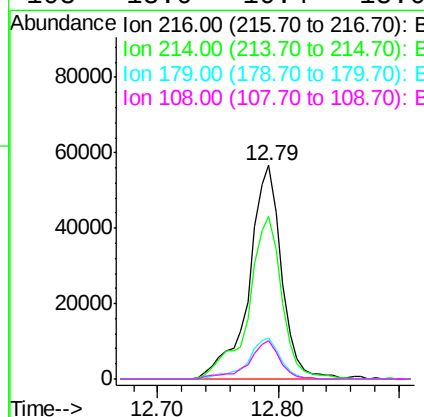
Manual Integrations
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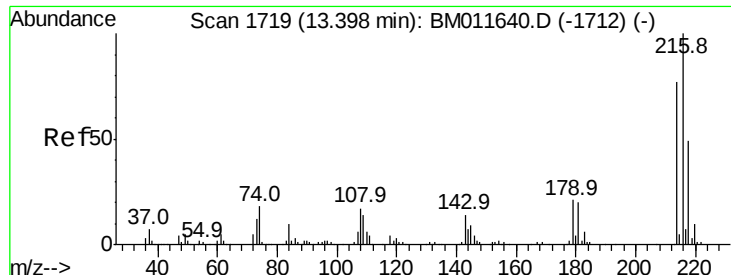
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.337 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BM011645.D
 Acq: 20 Sep 2017 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.0	64.1	96.1	
179	19.2	14.5	21.7	
108	18.0	10.4	15.6	





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 13.063 ng/uL
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM011645.D
 Acq: 20 Sep 2017 19:47

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5DL

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	75.7	64.1	96.1
218	48.2	39.4	59.0

Manual Integrations
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