

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011629.D
 Acq On : 20 Sep 2017 10:00
 Operator : SJ/JU
 Sample : I5271-17DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2DL

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:04 PM

Quant Time: Sep 21 01:55:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	360407	20.00	ng/ul	0.01
18) Naphthalene-d8	10.77	136	1498218	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	877092	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1943501	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1950975	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1677266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	978	0.12	ng/uL	0.00
5) Phenol-d5	7.12	99	13063	0.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	51377m	2.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	42809	1.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	26568	0.98	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	24994	2.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	23797	2.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	45422m	1.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	1893	0.07	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	180049	2.43	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	194909	2.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	712	0.05	ng/ul	0.04
58) Fluorene-d10	15.59	176	156368	2.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	14004m	1.24	ng/ul	0.00
71) Anthracene-d10	17.43	188	247055	2.58	ng/ul	0.00
79) Pyrene-d10	19.72	212	264120	2.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	199757	2.50	ng/ul	0.00

Target Compounds

				Ovalue	
20) Nitrobenzene	9.17	77	949803	35.516	ng/ul 97
23) 2-Nitrophenol	9.89	139	16219	1.306	ng/ul# 88
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	70413	2.706	ng/ul# 94
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	208224	8.040	ng/uL 97

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

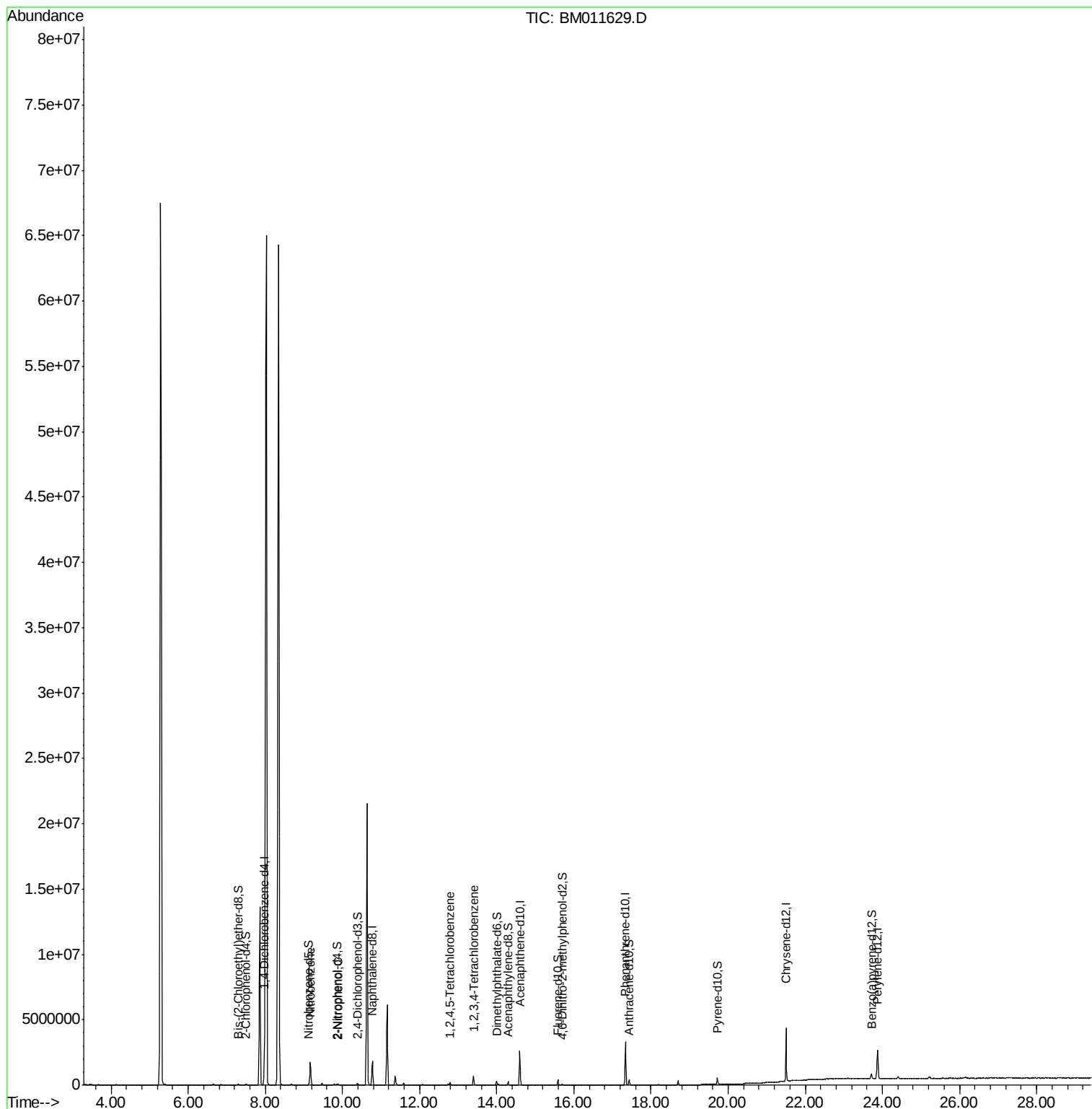
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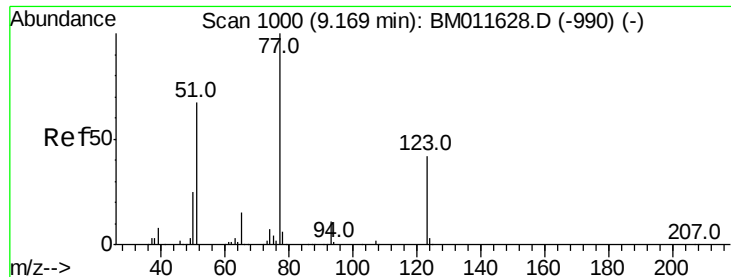
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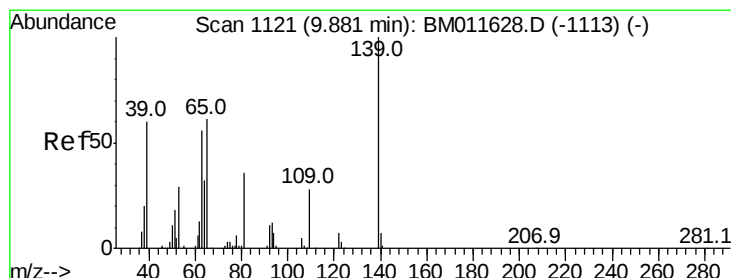
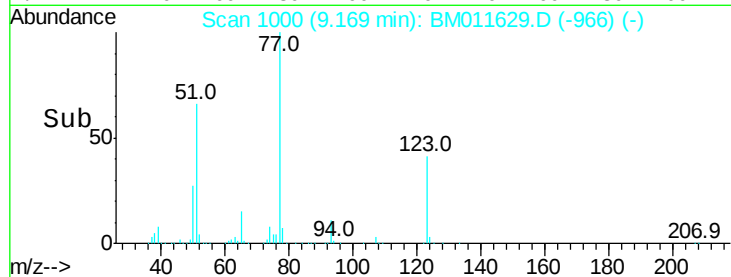
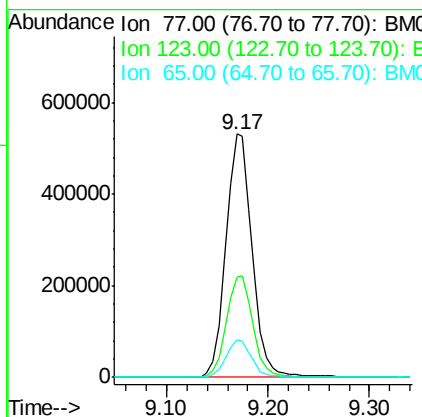
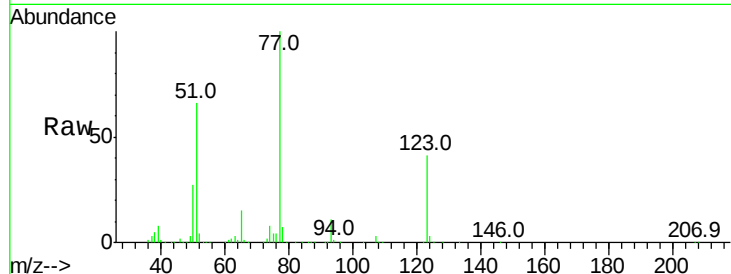
#20
Nitrobenzene
Concen: 35.516 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM011629.D
Acq: 20 Sep 2017 10:00

Instrument :
BNA_M
ClientSampleId :
C0AJ2DL

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.9	31.8	47.8	
65	15.3	10.6	16.0	

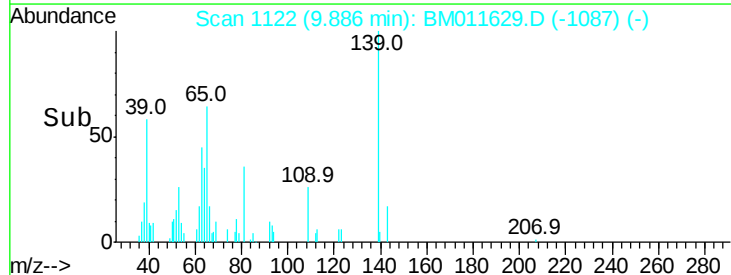
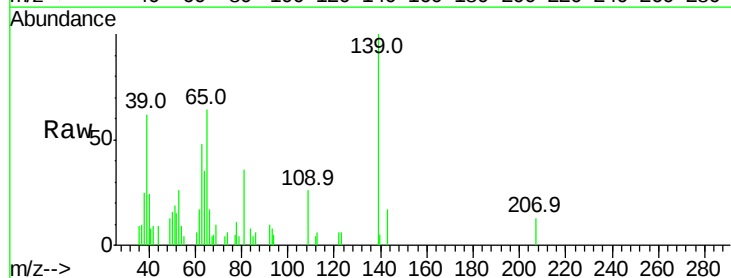
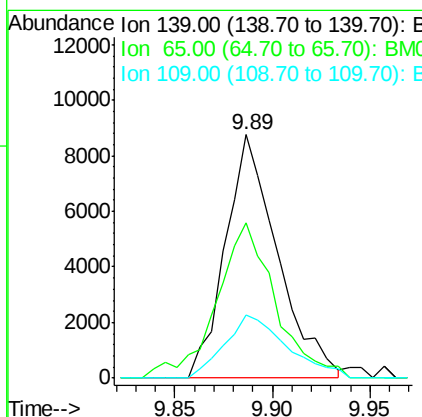
Manual Integrations
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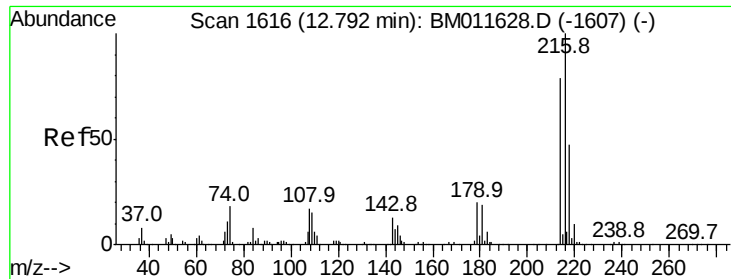
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#23
2-Nitrophenol
Concen: 1.306 ng/ul
RT: 9.89 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM011629.D
Acq: 20 Sep 2017 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
65	63.7	45.3	67.9	
109	26.1	27.7	41.5	





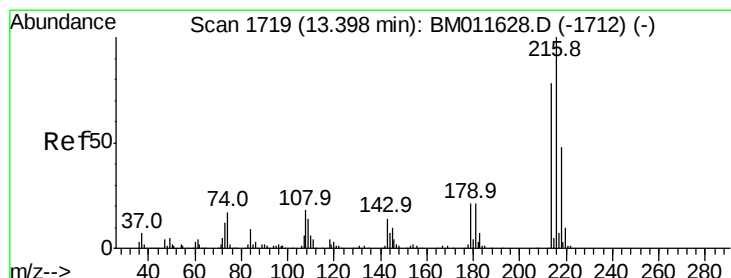
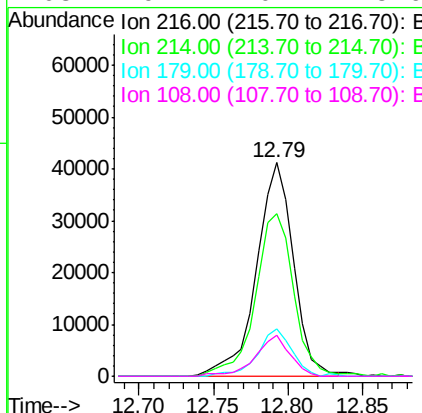
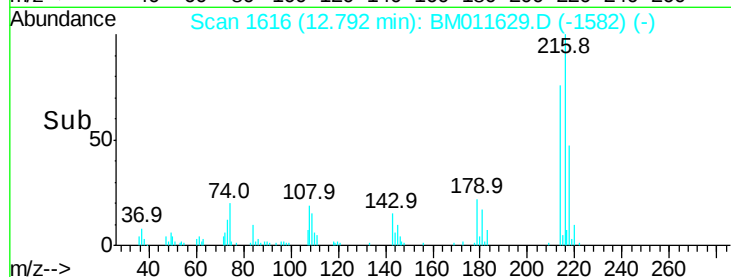
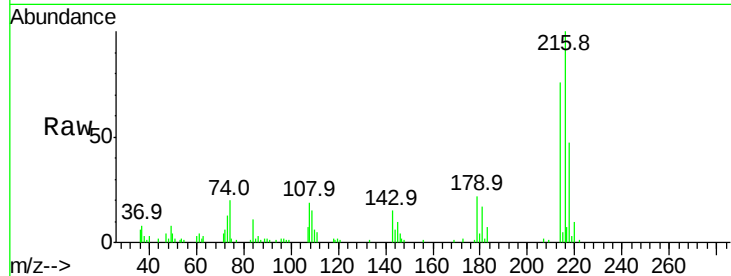
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.706 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BM011629.D
 Acq: 20 Sep 2017 10:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
216	100		
214	76.3	64.1	96.1
179	22.0	14.5	21.7#
108	19.4	10.4	15.6#

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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 8.040 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM011629.D
 Acq: 20 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	64.1	96.1
218	47.5	39.4	59.0

