

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011591.D
 Acq On : 19 Sep 2017 04:29
 Operator : SJ/JU
 Sample : I5234-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:34:41 PM

Quant Time: Sep 19 05:21:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 03:50:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	430280	20.00	ng/ul	0.05
18) Naphthalene-d8	10.82	136	1946097	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.60	164	1115021	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2553544	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2661549	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2210326	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	63249	6.61	ng/uL	0.00
5) Phenol-d5	7.12	99	325318	7.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	1102596	39.60	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	968722	31.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	600663	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	599203	40.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	637007	41.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	1097309	35.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	49549	1.45	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	3874182	41.10	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	4676236	41.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	143232	8.09	ng/ul	0.00
58) Fluorene-d10	15.59	176	3400490	41.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	591859	39.83	ng/ul	0.00
71) Anthracene-d10	17.44	188	5455691	43.39	ng/ul	0.00
79) Pyrene-d10	19.72	212	6110607	49.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	4809826	45.66	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	9.18	77	241655	6.957 ng/ul	98
28) Naphthalene	10.86	128	178468	1.768 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	2640314m	79.826 ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	9814606	288.434 ng/uL	99
74) Pentachlorobenzene	14.92	250	346627	10.044 ng/uL	97

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

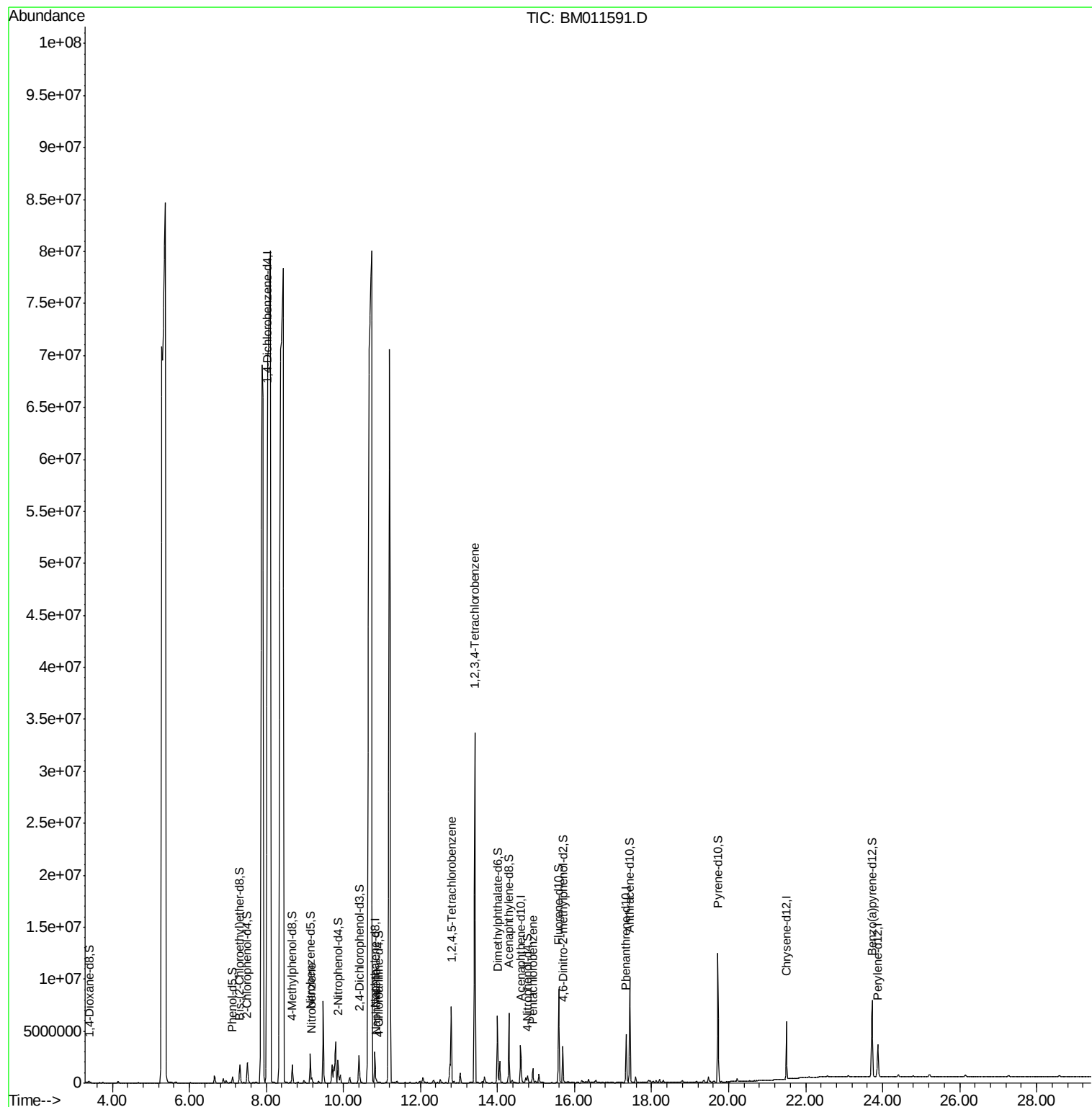
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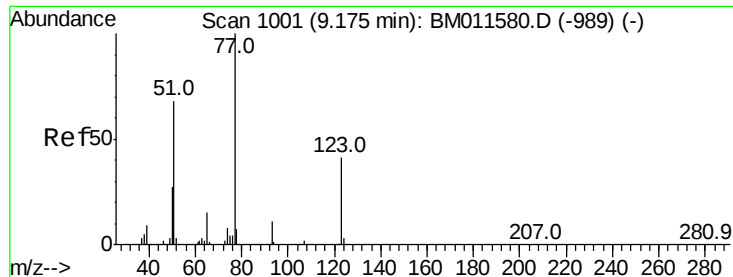
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#20

Nitrobenzene

Concen: 6.957 ng/ul

RT: 9.18 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BM011591.D

Acq: 19 Sep 2017 04:29

Instrument :

BNA_M

ClientSampleId :

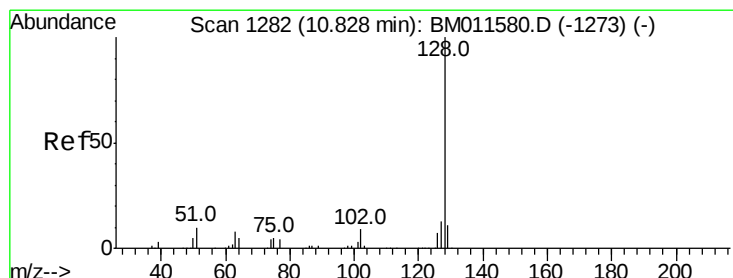
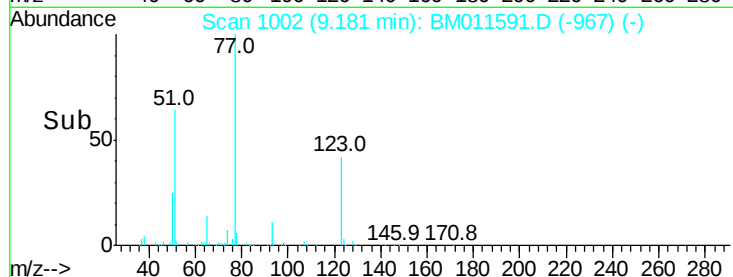
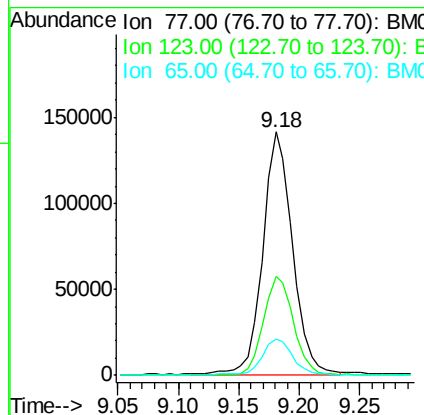
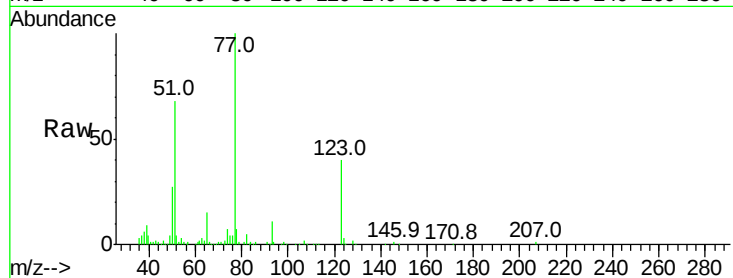
C0AF5

Tot Ion:	77	Resp:	241655
Ion Ratio	Lower	Upper	
77	100		
123	40.4	31.8	47.8
65	14.9	10.6	16.0

Manual Integrations
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#28

Naphthalene

Concen: 1.768 ng/ul

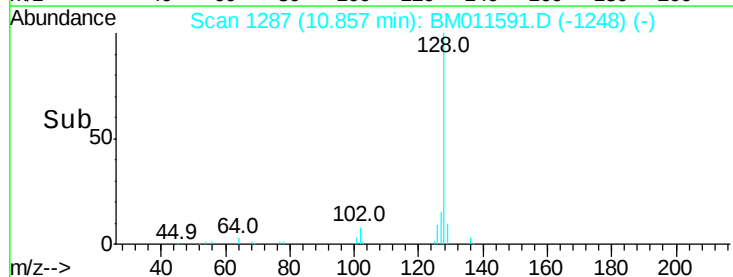
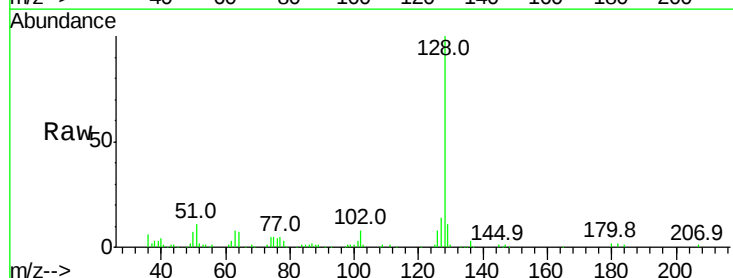
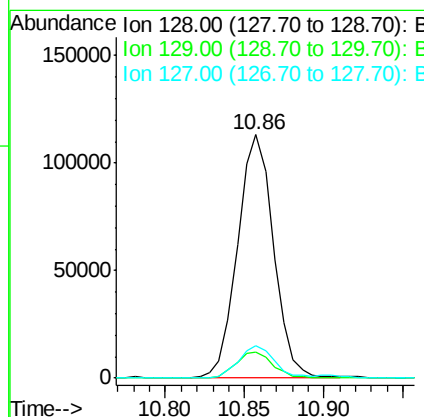
RT: 10.86 min Scan# 1287

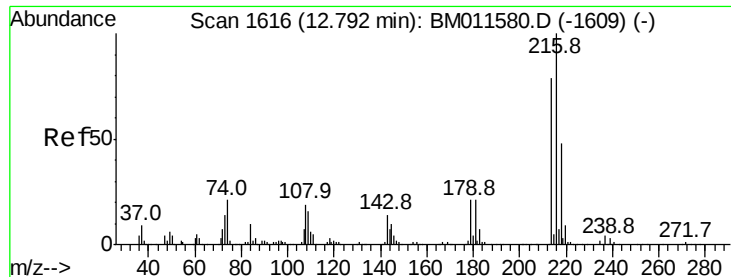
Delta R.T. 0.03 min

Lab File: BM011591.D

Acq: 19 Sep 2017 04:29

Tgt Ion:	128	Resp:	178468
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.3	12.5
127	13.5	10.8	16.2





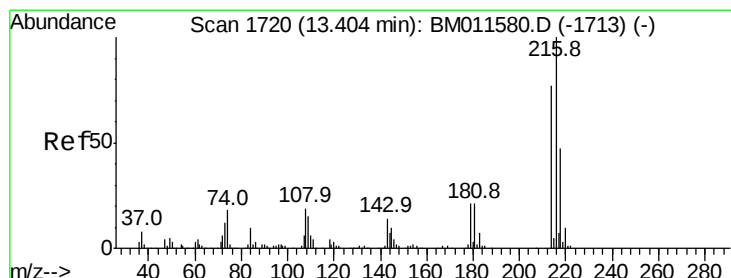
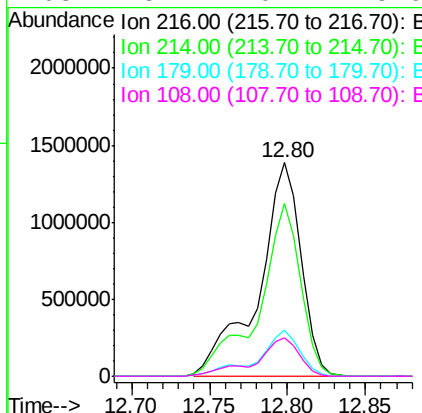
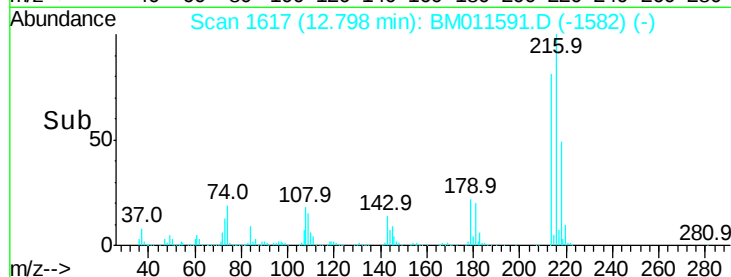
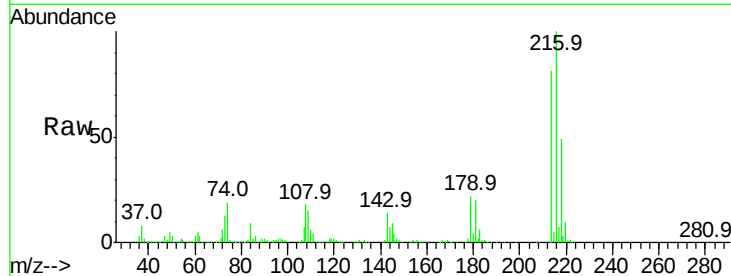
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 79.826 ng/ul m
 RT: 12.80 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BM011591.D
 Acq: 19 Sep 2017 04:29

Instrument :
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Tot Ion	Ratio	Lower	Upper
216	100		
214	81.1	64.1	96.1
179	21.7	14.5	21.7
108	18.1	10.4	15.6

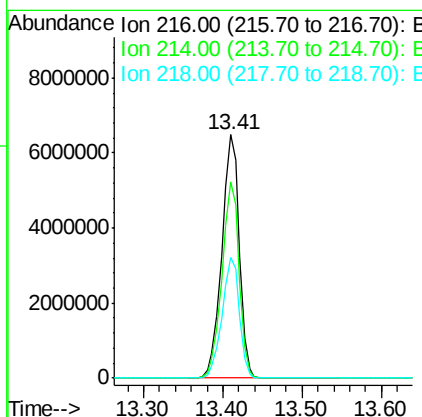
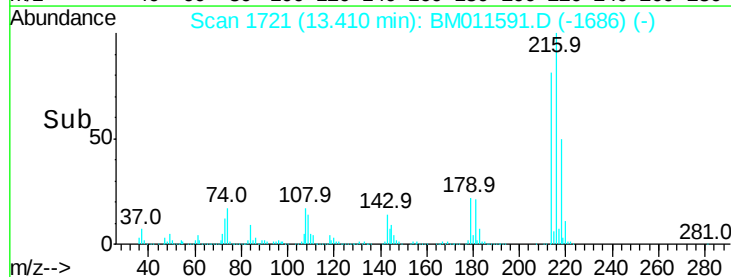
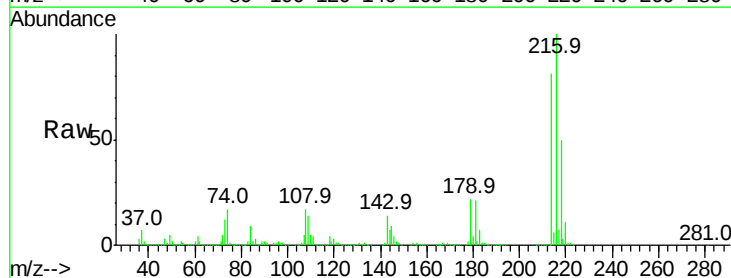
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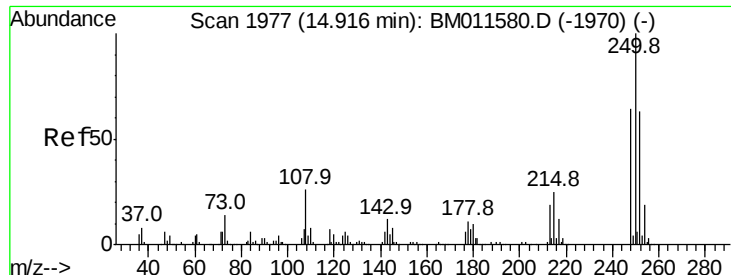
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 288.434 ng/uL
 RT: 13.41 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BM011591.D
 Acq: 19 Sep 2017 04:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.1	96.1
218	49.8	39.4	59.0





#74

Pentachlorobenzene

Concen: 10.044 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM011591.D

Acq: 19 Sep 2017 04:29

Instrument :

BNA_M

ClientSampleId :

C0AF5

Tot Ion:	250	Resp:	346627
Ion Ratio	Lower	Upper	
250	100		
248	62.7	51.4	77.2
252	65.9	49.8	74.6

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