

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011578.D
 Acq On : 18 Sep 2017 20:37
 Operator : SJ/JU
 Sample : I5234-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ0

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:34:16 PM

Quant Time: Sep 19 02:57:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 02:31:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	484449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	2150041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1241079	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2744200	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2909759	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2576991	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	43309	4.02	ng/uL	0.00
5) Phenol-d5	7.12	99	110918	2.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	383921	12.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	327510	9.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	205021	5.65	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	187425	11.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	190795	11.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	360467	10.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	27912	0.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1373263	13.09	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1526964	12.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	28079m	1.42	ng/ul	0.00
58) Fluorene-d10	15.59	176	1162093	12.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	152547	9.55	ng/ul	0.00
71) Anthracene-d10	17.43	188	1901565	14.07	ng/ul	0.00
79) Pyrene-d10	19.72	212	2119529	15.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1613373	13.14	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.15	94	57779	1.251	ng/ul#	91
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	256180	6.959	ng/ul#	93
45) Dimethylphthalate	14.05	163	614319	6.115	ng/ul#	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	230640	6.307	ng/uL	99

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

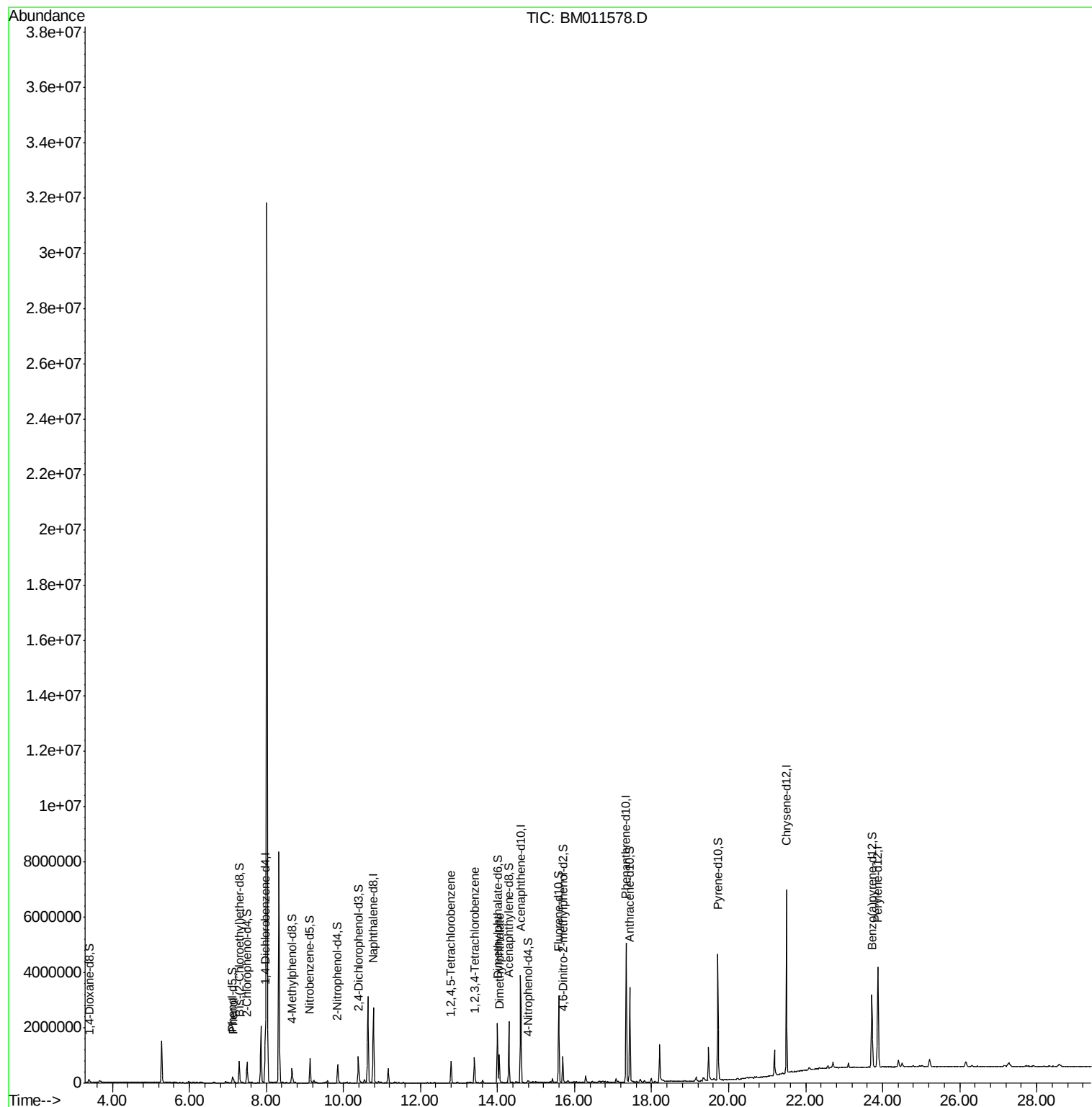
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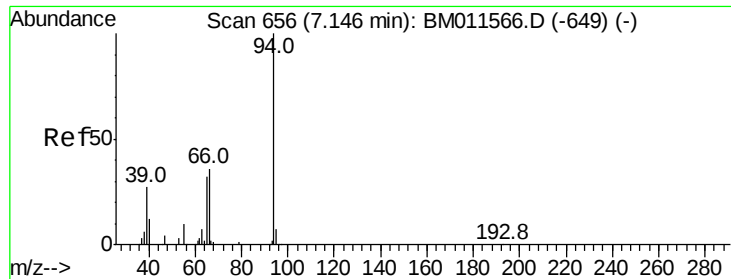
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#6

Phenol

Concen: 1.251 ng/ul

RT: 7.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM011578.D

Acq: 18 Sep 2017 20:37

Instrument :

BNA_M

ClientSampleId :

C0AJ0

Tot Ion: 94 Resp: 57779

Ion Ratio Lower Upper

94 100

65 35.8 23.0 34.6#

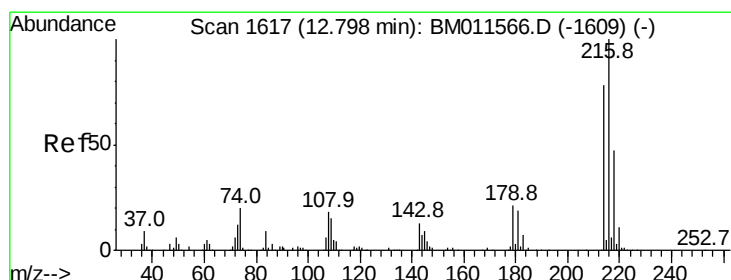
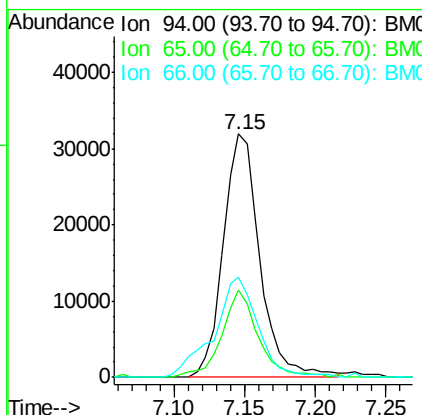
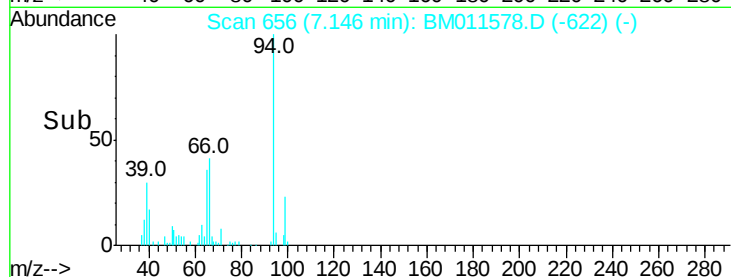
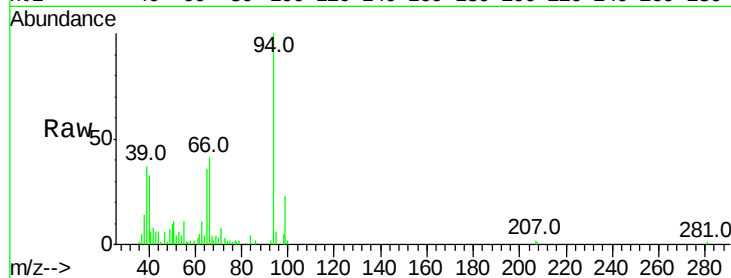
66 41.4 30.4 45.6

Manual Integrations

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#37

1,2,4,5-Tetrachlorobenzene

Concen: 6.959 ng/ul

RT: 12.79 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BM011578.D

Acq: 18 Sep 2017 20:37

Tgt Ion: 216 Resp: 256180

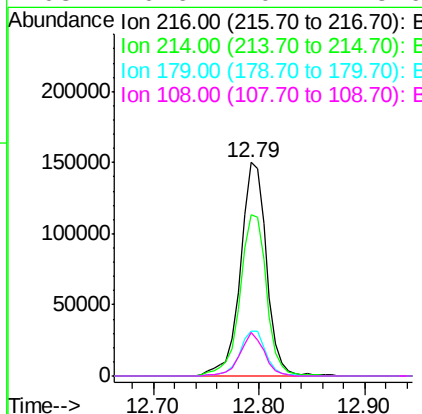
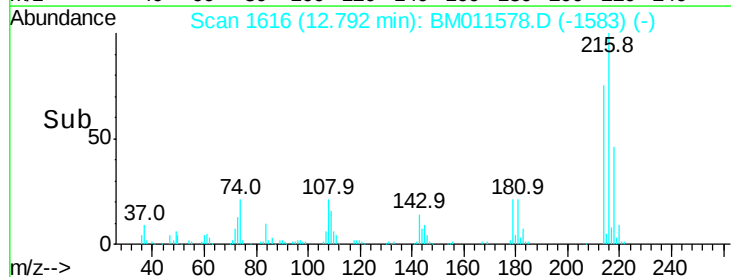
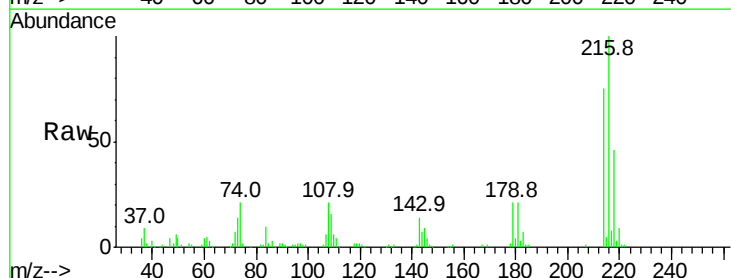
Ion Ratio Lower Upper

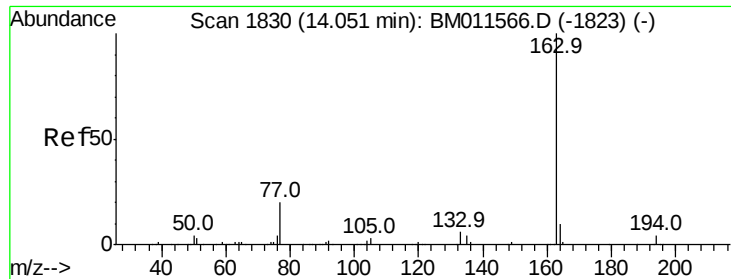
216 100

214 75.3 64.1 96.1

179 21.1 14.5 21.7

108 20.6 10.4 15.6#





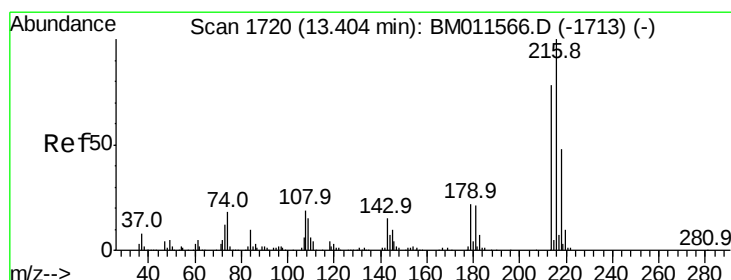
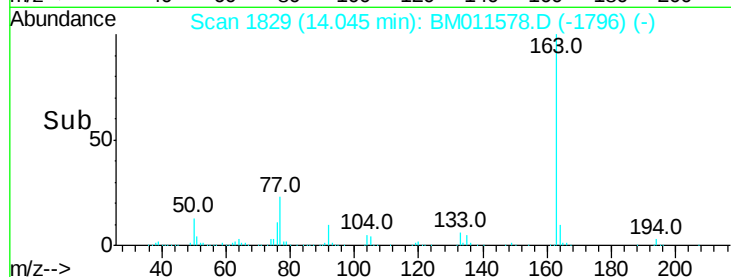
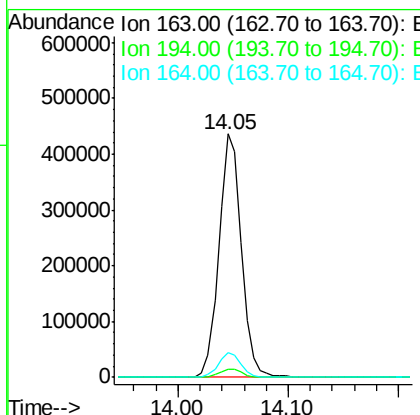
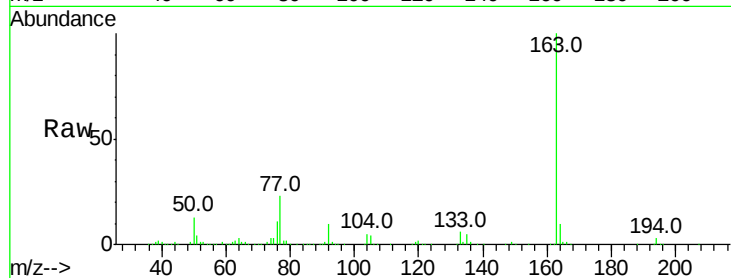
#45
Dimethylphthalate
Concen: 6.115 ng/ul
RT: 14.05 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM011578.D
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C0AJ0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	614319		
194	3.3	4.0	6.0#	
164	10.2	8.4	12.6	

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#73
1,2,3,4-Tetrachlorobenzene
Concen: 6.307 ng/uL
RT: 13.40 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BM011578.D
Acq: 18 Sep 2017 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	230640		
214	78.7	64.1	96.1	
218	48.9	39.4	59.0	

