

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011615.D
 Acq On : 19 Sep 2017 21:39
 Operator : SJ/JU
 Sample : I5271-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Manual Integrations
 APPROVED

Sohil
 9/20/2017 5:54:37 PM

Quant Time: Oct 05 13:27:20 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	380530	20.00	ng/ul	0.03
18) Naphthalene-d8	10.79	136	1577572	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	910460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2079430	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2251142	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2154669	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	33227	3.93	ng/uL	0.00
5) Phenol-d5	7.12	99	174189	4.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	617868	25.09	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	545002	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	331683	11.63	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	337007	28.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	357520	28.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	626608	25.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	25847	0.93	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2233354	29.02	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2700707	29.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	57838	4.00	ng/ul	0.00
58) Fluorene-d10	15.59	176	1919266	28.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	305051	25.21	ng/ul	0.00
71) Anthracene-d10	17.43	188	3112573	30.40	ng/ul	0.00
79) Pyrene-d10	19.72	212	3520794	33.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3199968	31.16	ng/ul	0.00
Target Compounds						
28) Naphthalene	10.83	128	168090	2.055	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	435040m	16.108	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1704832	61.525	ng/uL	99
74) Pentachlorobenzene	14.91	250	59835	2.129	ng/uL	95

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

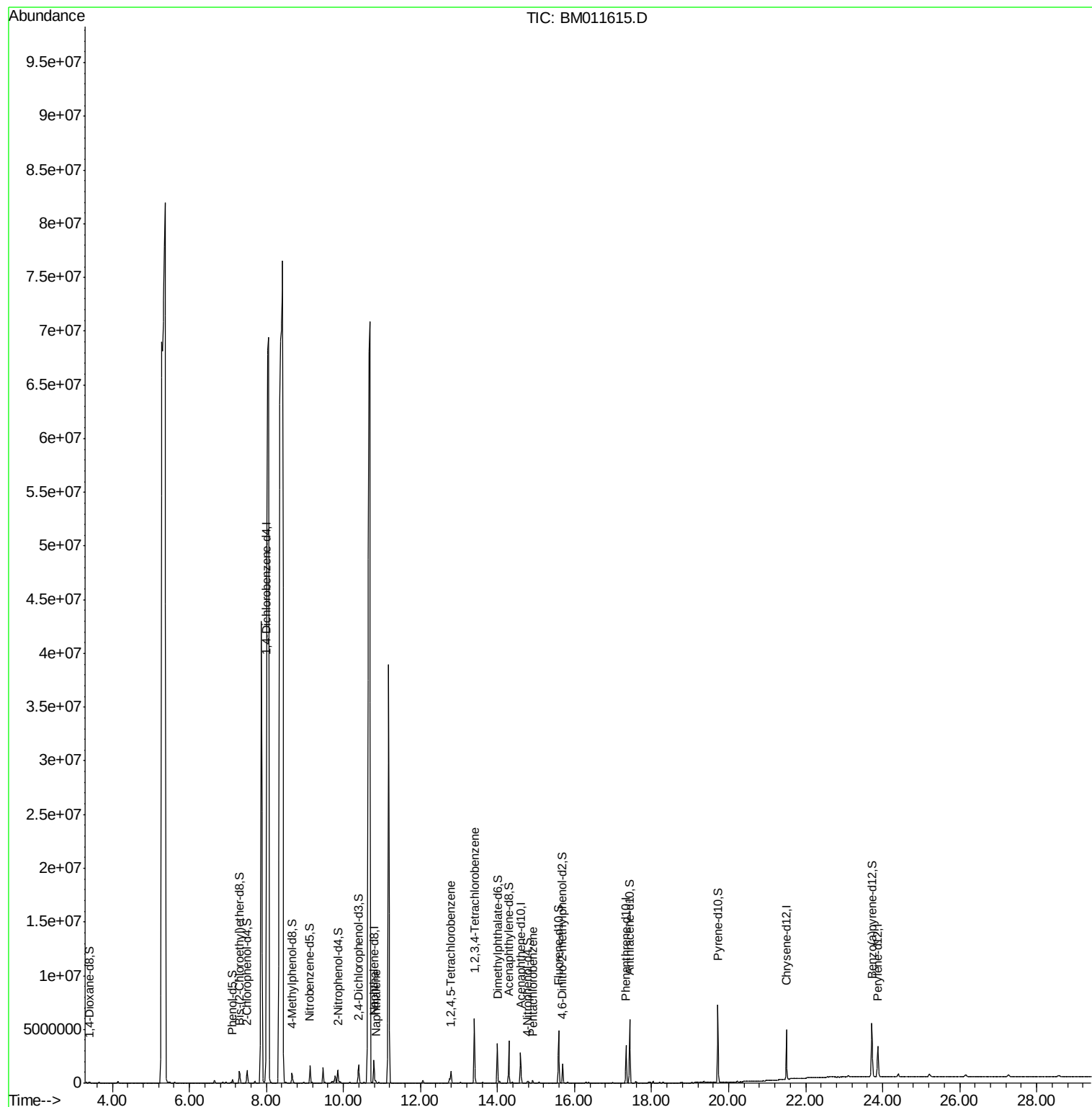
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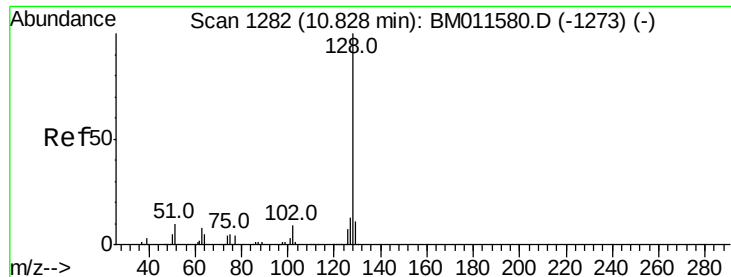
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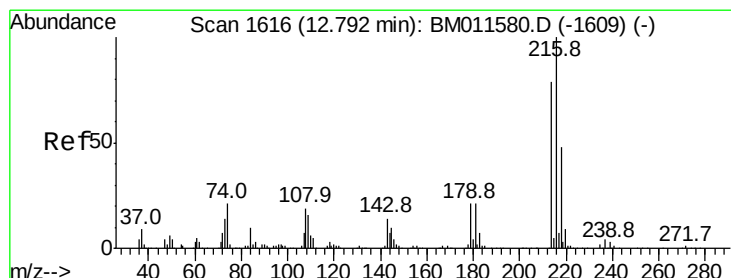
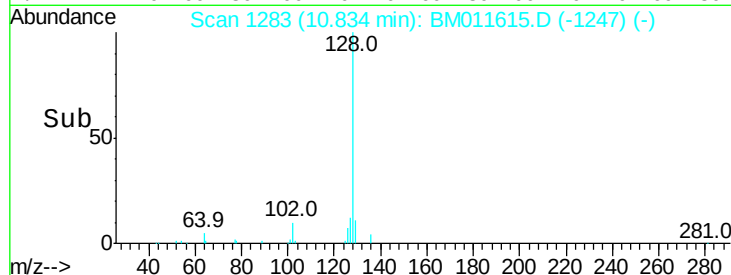
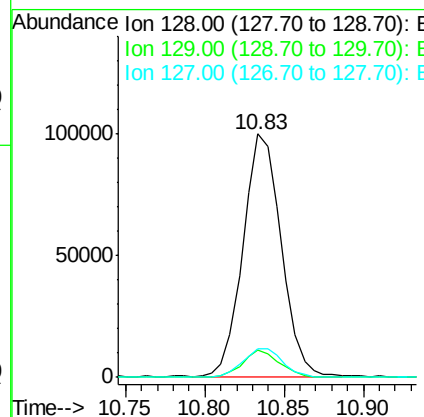
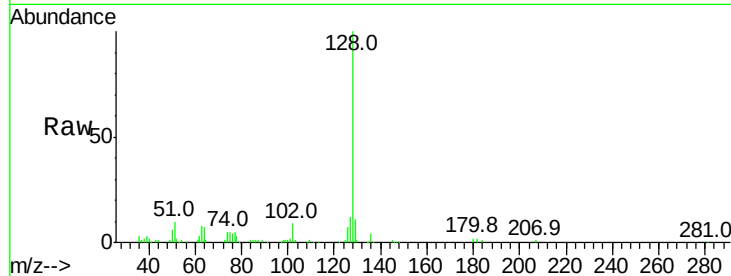
#28
Naphthalene
Concen: 2.055 ng/ul
RT: 10.83 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM011615.D
Acq: 19 Sep 2017 21:39

Instrument :
BNA_M
ClientSampled :
C0AH6

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	11.9	10.8	16.2

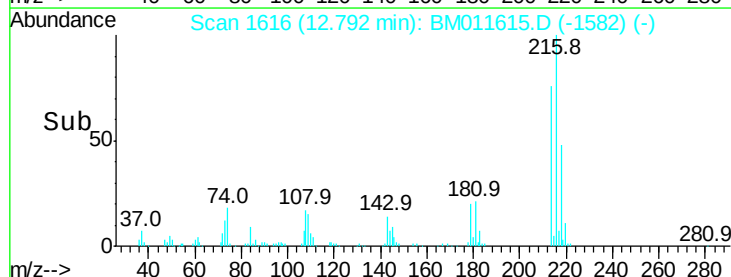
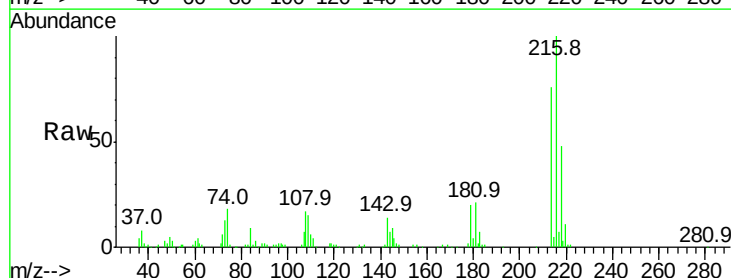
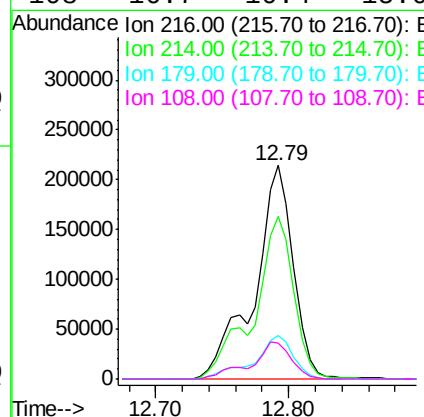
Manual Integrations
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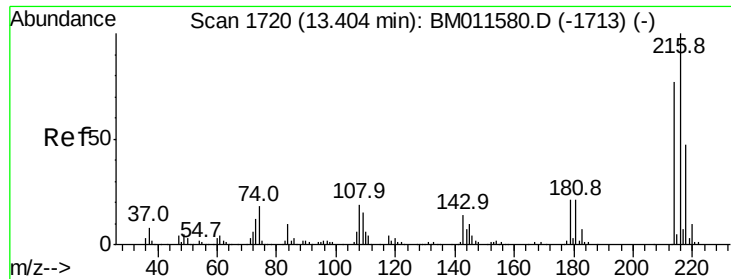
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 16.108 ng/ul m
RT: 12.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BM011615.D
Acq: 19 Sep 2017 21:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	64.1	96.1
179	20.4	14.5	21.7
108	16.7	10.4	15.6#





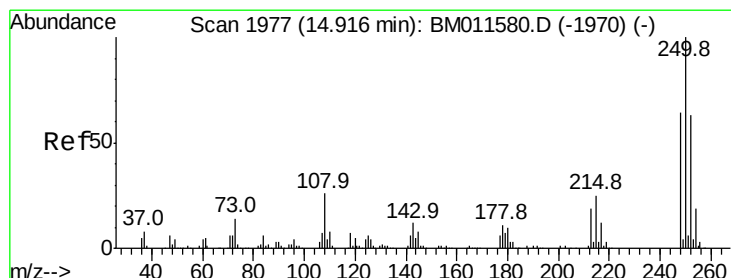
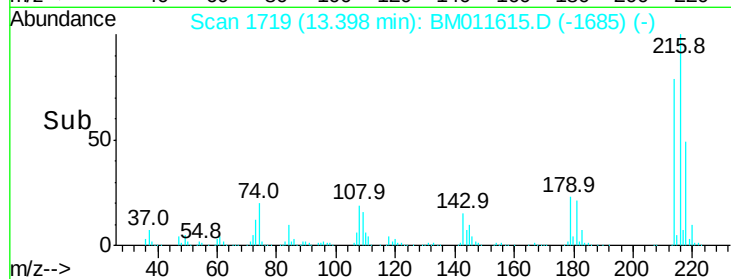
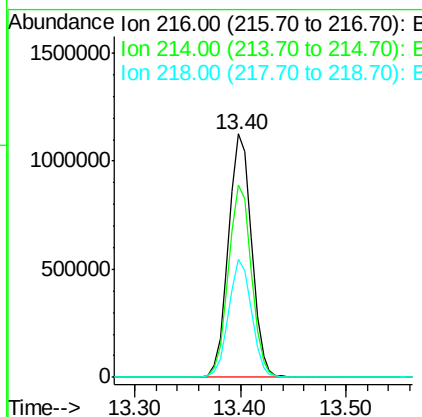
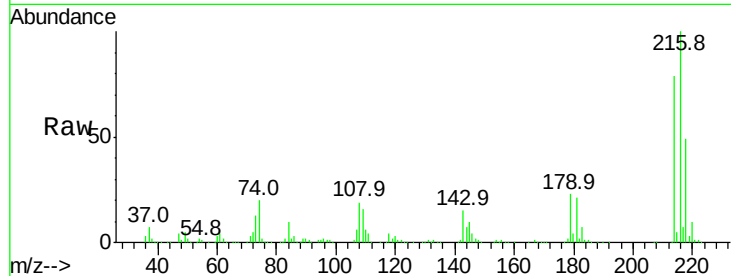
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 61.525 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM011615.D
 Acq: 19 Sep 2017 21:39

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 ClientSampled :
 C0AH6

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.1	96.1
218	48.8	39.4	59.0

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#74
 Pentachlorobenzene
 Concen: 2.129 ng/uL
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BM011615.D
 Acq: 19 Sep 2017 21:39

Tgt Ion	Ratio	Lower	Upper
250	100		
248	59.0	51.4	77.2
252	65.4	49.8	74.6

