

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011695.D
 Acq On : 22 Sep 2017 16:45
 Operator : SJ/JU
 Sample : I5283-21RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3C4RE

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:23:36 PM

Quant Time: Sep 23 01:32:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	333084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1506305	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	805266	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1642284	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1117343	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1095014	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	5272	0.71	ng/uL	0.00
5) Phenol-d5	7.11	99	88965	2.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	67349	3.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	73214	3.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	68852	2.76	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	34004	2.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	34081	2.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	62599	2.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	80811m	3.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	209298	3.07	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	242898	2.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	16759m	1.31	ng/ul	0.02
58) Fluorene-d10	15.58	176	174842	2.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	12585	1.32	ng/ul	0.00
71) Anthracene-d10	17.43	188	243104	3.01	ng/ul	0.00
79) Pyrene-d10	19.72	212	233574	4.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	166979	3.20	ng/ul	0.00

Target Compounds

				Ovalue	
45) Dimethylphthalate	14.04	163	83076	1.275	ng/ul 98
70) Phenanthrene	17.37	178	96244	1.051	ng/ul 98
77) Fluoranthene	19.38	202	143356	1.523	ng/ul# 90
80) Pyrene	19.74	202	123209	1.890	ng/ul# 89

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

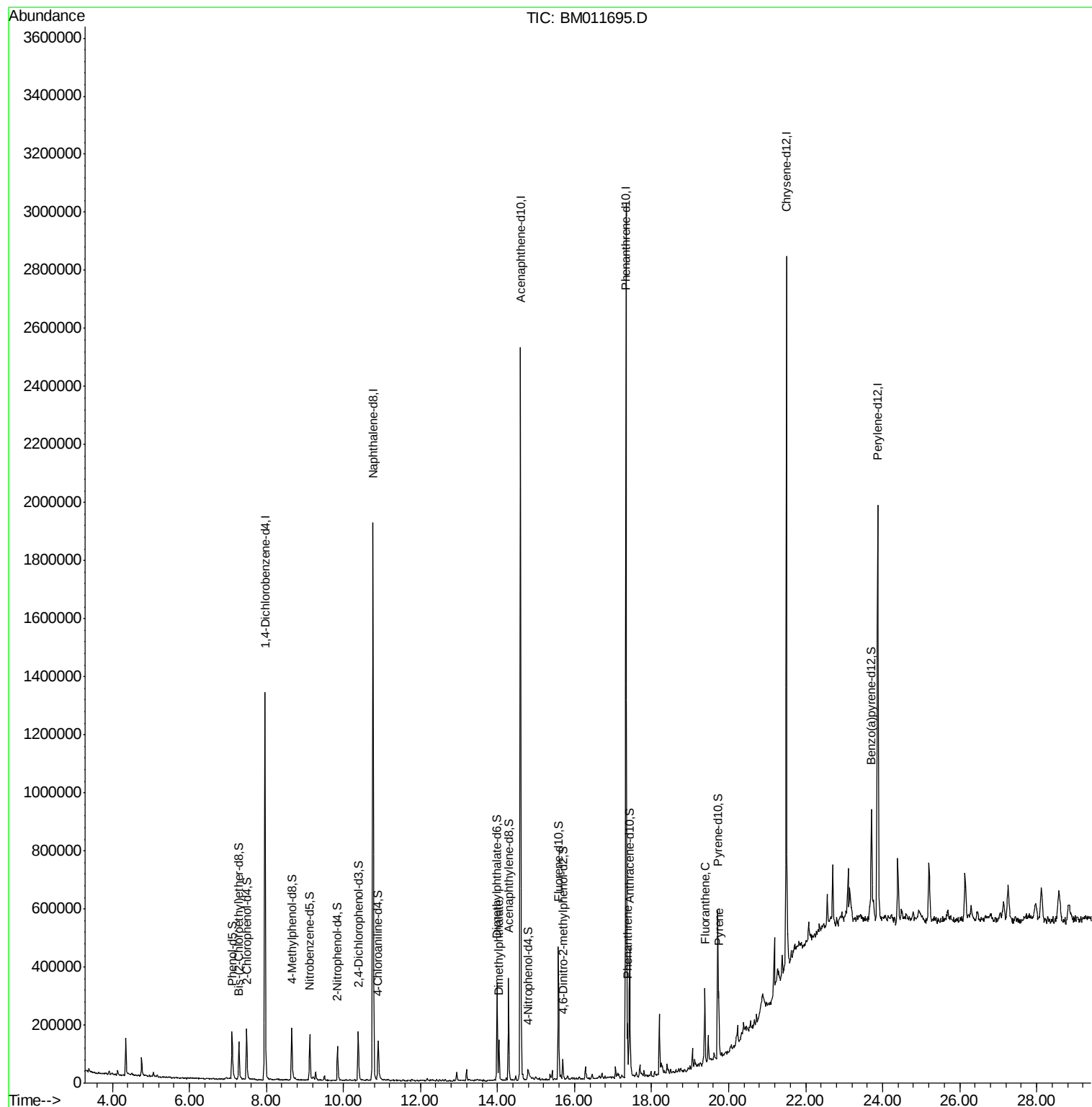
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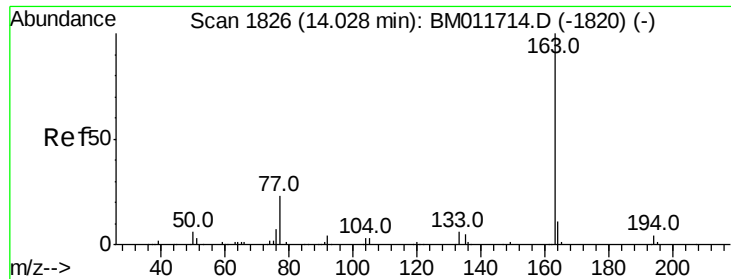
Instrument :
BNA_M
ClientSampled :
CB3C4RE

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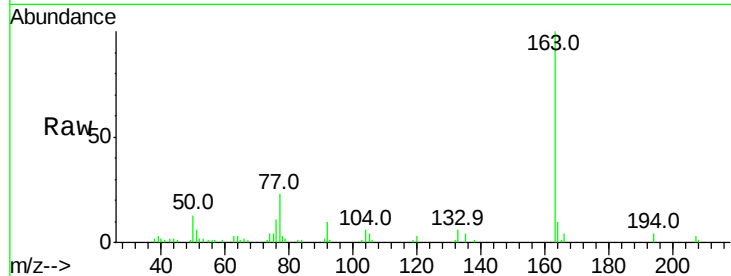
#45
Dimethylphthalate
Concen: 1.275 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011695.D
Acq: 22 Sep 2017 16:45

Instrument :
BNA_M
ClientSampleId :
CB3C4RE

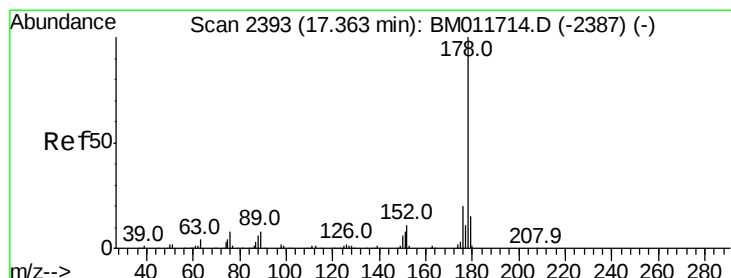
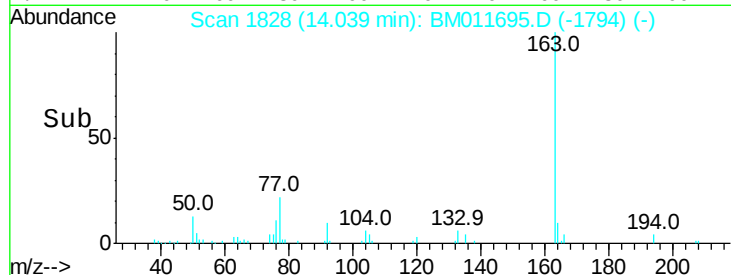
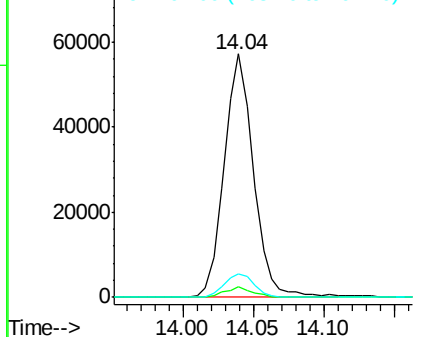
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	9.6	8.4	12.6

Manual Integrations
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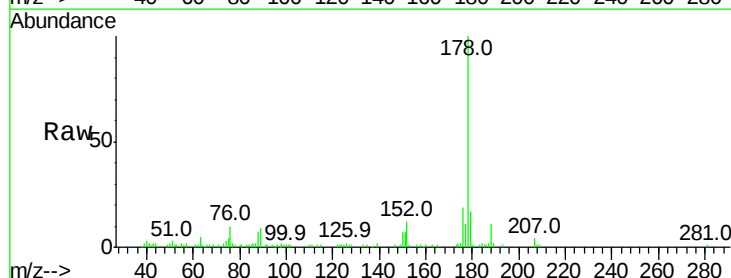


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

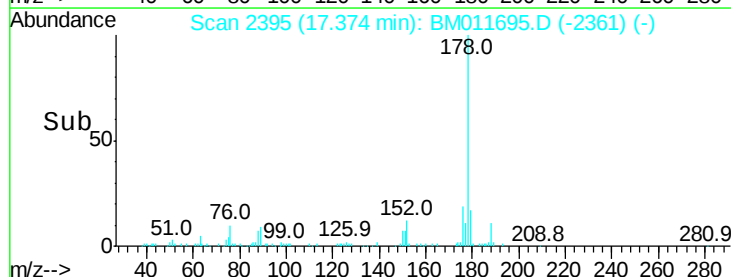
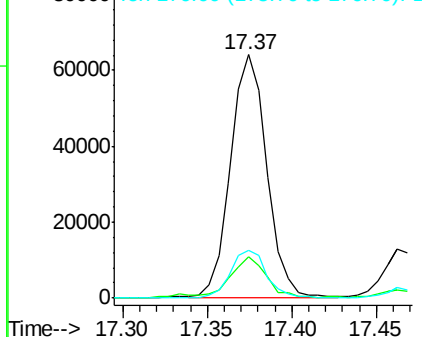


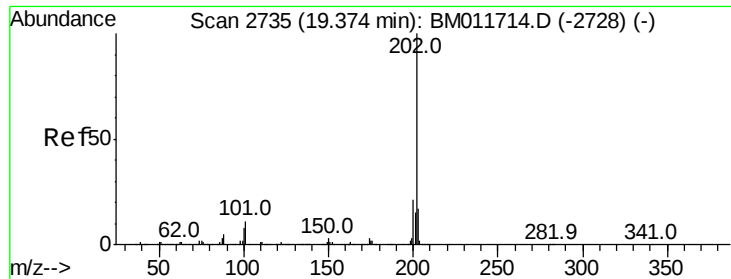
#70
Phenanthrene
Concen: 1.051 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011695.D
Acq: 22 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.3	18.5
176	19.4	15.4	23.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 1.523 ng/ul

RT: 19.38 min Scan# 2736

Delta R.T. -0.01 min

Lab File: BM011695.D

Acq: 22 Sep 2017 16:45

Instrument :

BNA_M

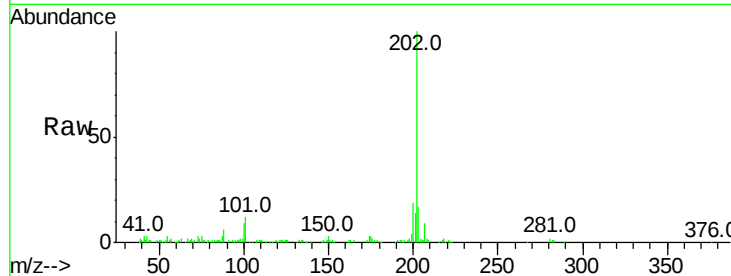
ClientSampleId :

CB3C4RE

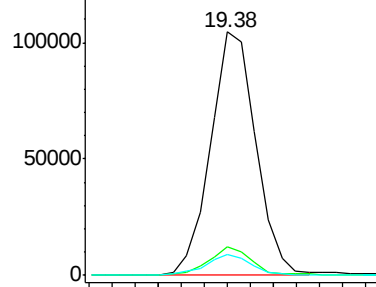
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	6.1	9.1#
100	8.7	4.6	7.0#

Manual Integrations
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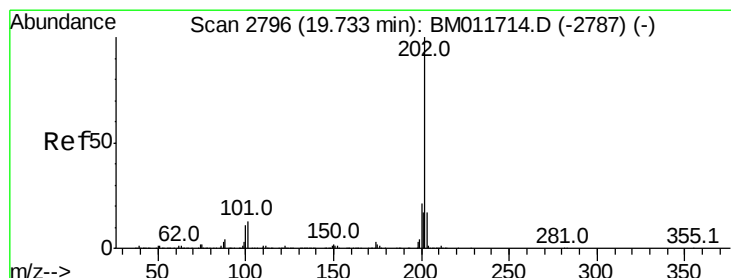
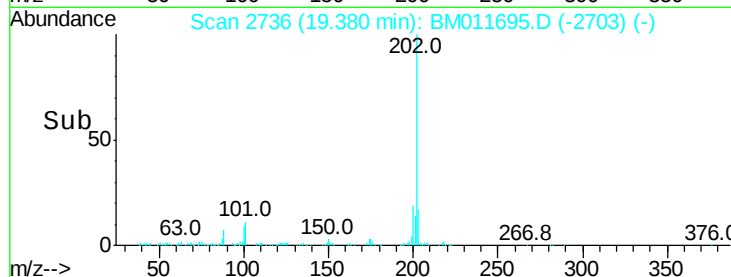
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Pyrene

Concen: 1.890 ng/ul

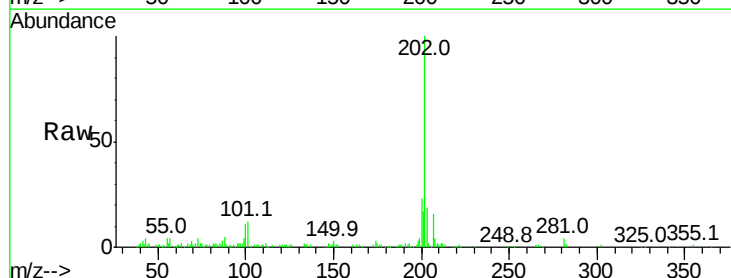
RT: 19.74 min Scan# 2798

Delta R.T. 0.00 min

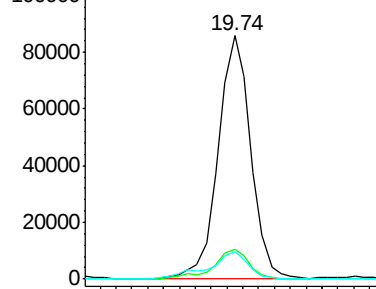
Lab File: BM011695.D

Acq: 22 Sep 2017 16:45

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	6.9	10.3#
100	11.0	5.6	8.4#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->

