

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007395.D
 Acq On : 03 Sep 2016 07:46
 Operator : UM/SJ
 Sample : H4655-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0004

Quant Time: Sep 05 01:21:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 03 01:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	209256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1017189	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	694672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1819418	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2409913	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2328978	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	13464	3.29	ng/uL	0.00
5) Phenol-d5	6.96	99	309154	15.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185350	17.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	248242	16.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	252857	14.67	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	134401	18.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	155672	17.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	299494	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	273178	12.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1086525	18.13	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1317252	18.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	167350	14.79	ng/ul	0.00
57) Fluorene-d10	15.42	176	981936	18.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	165065	14.43	ng/ul	0.00
70) Anthracene-d10	17.26	188	1666069	19.60	ng/ul	0.00
76) Pyrene-d10	19.56	212	2073197	20.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2095954	19.54	ng/ul	0.00

Target Compounds

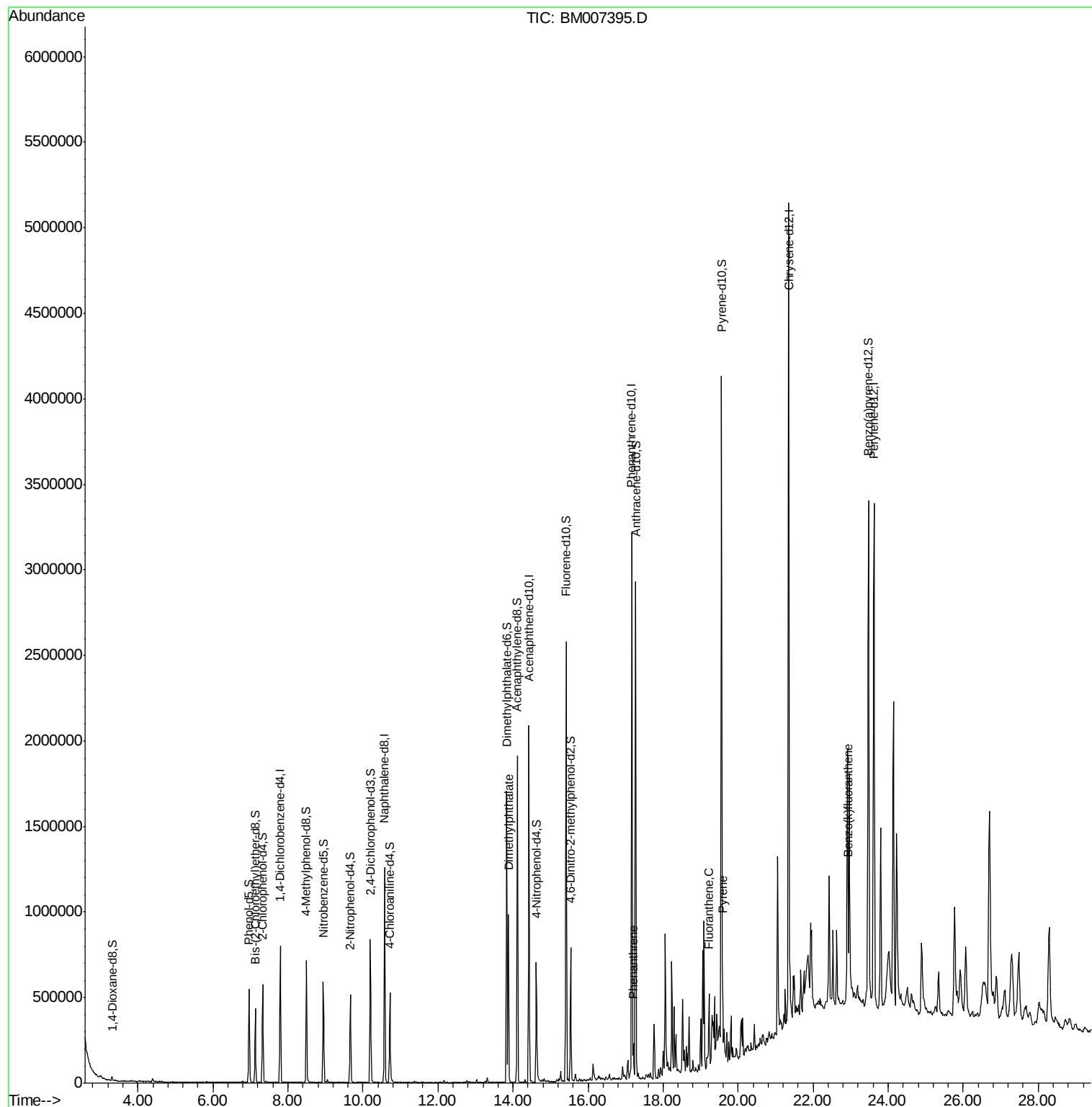
						Qvalue
44) Dimethylphthalate	13.88	163	600559	10.06	ng/ul	100
69) Phenanthrene	17.21	178	112300	1.15	ng/ul	98
74) Fluoranthene	19.22	202	230082	1.88	ng/ul	100
77) Pyrene	19.59	202	194667	1.51	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	130715	1.03	ng/ul#	93

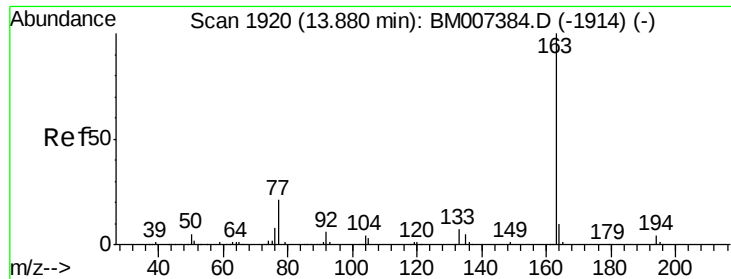
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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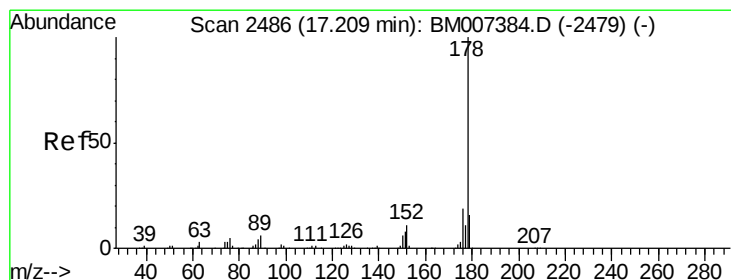
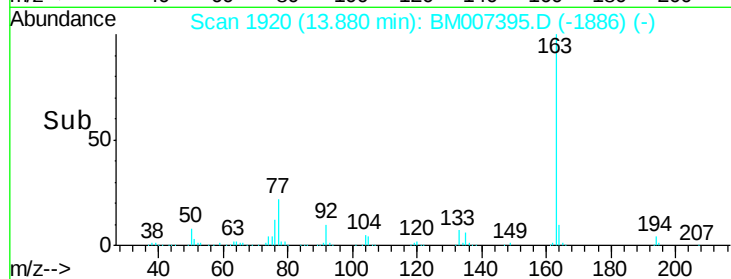
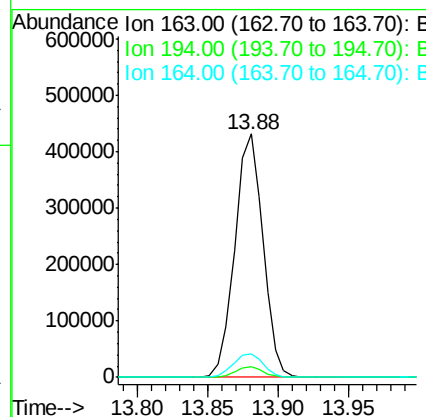
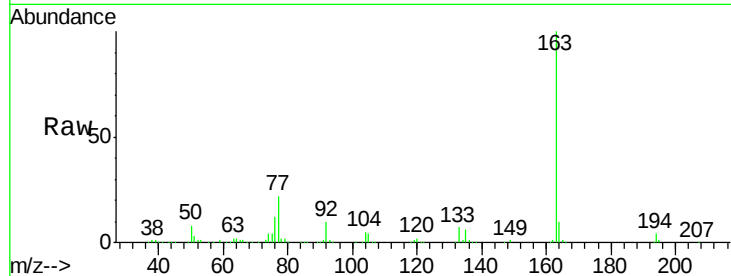




#44
Dimethylphthalate
Concen: 10.06 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007395.D
Acq: 03 Sep 2016 07:46

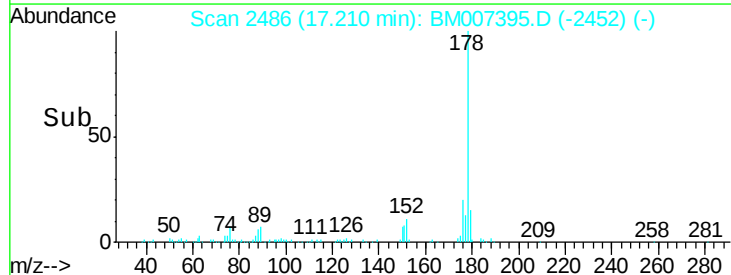
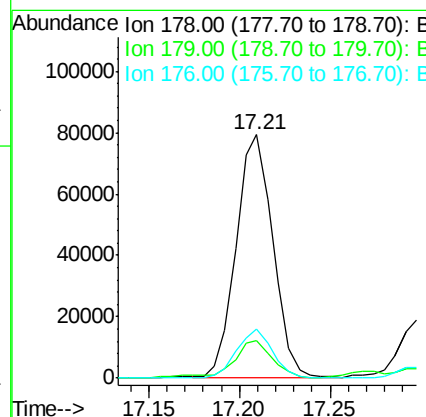
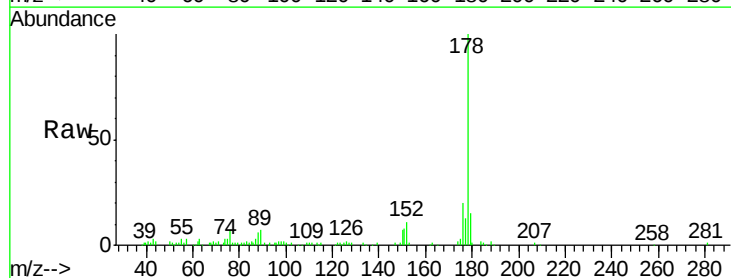
Instrument :
BNA_M
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C0004

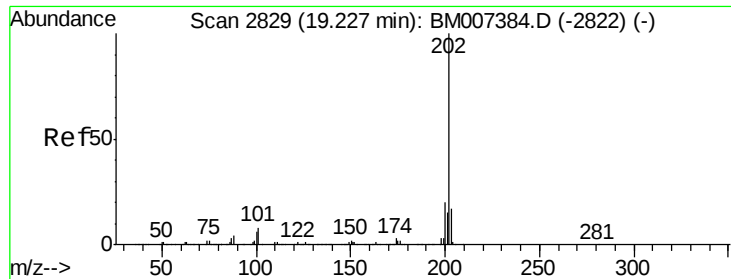
Tgt Ion:163 Resp: 600559
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.9 7.8 11.8



#69
Phenanthrene
Concen: 1.15 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007395.D
Acq: 03 Sep 2016 07:46

Tgt Ion:178 Resp: 112300
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 20.0 15.1 22.7





#74

Fluoranthene

Concen: 1.88 ng/ul

RT: 19.22 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM007395.D

Acq: 03 Sep 2016 07:46

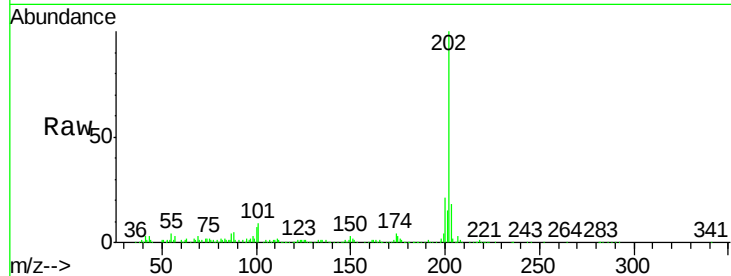
Instrument :

BNA_M

ClientSampleId :

C0004

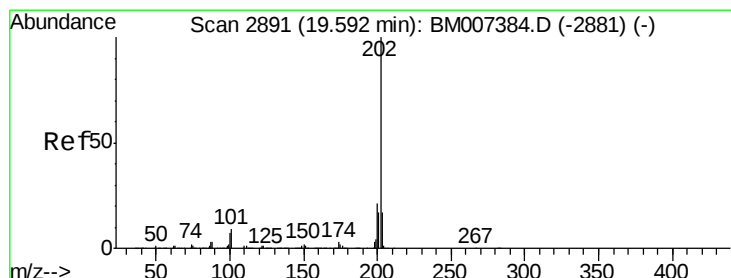
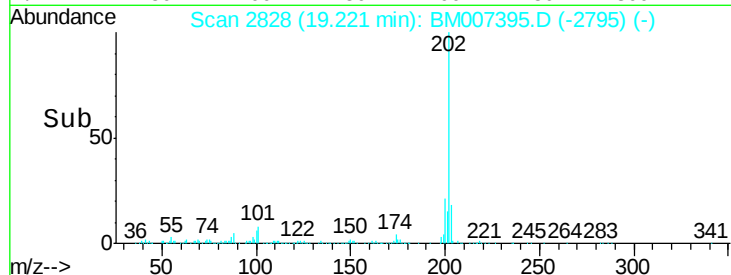
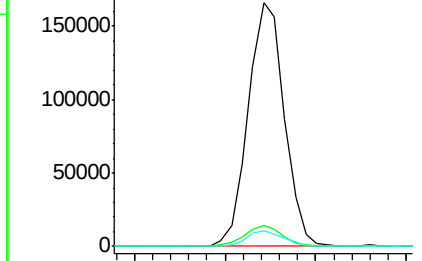
Tgt Ion:	202	Resp:	230082
Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	6.6	5.4	8.0



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



#77

Pyrene

Concen: 1.51 ng/ul

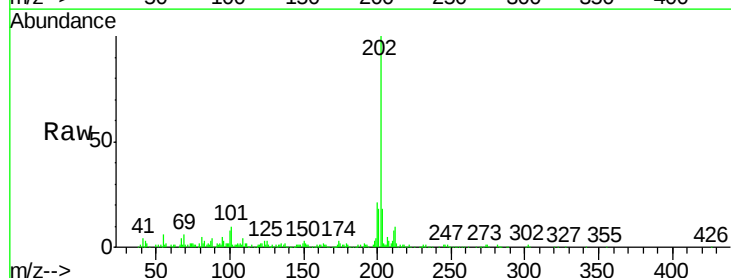
RT: 19.59 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BM007395.D

Acq: 03 Sep 2016 07:46

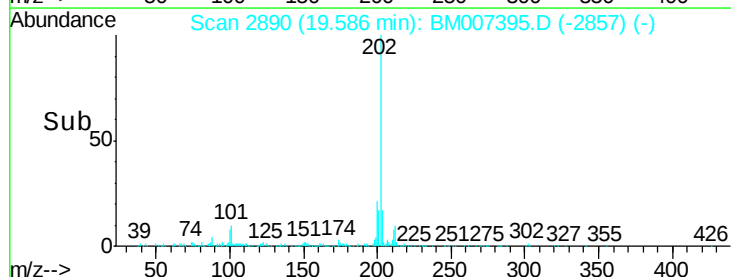
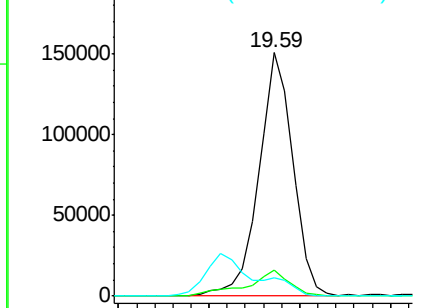
Tgt Ion:	202	Resp:	194667
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
100	7.6	6.9	10.3

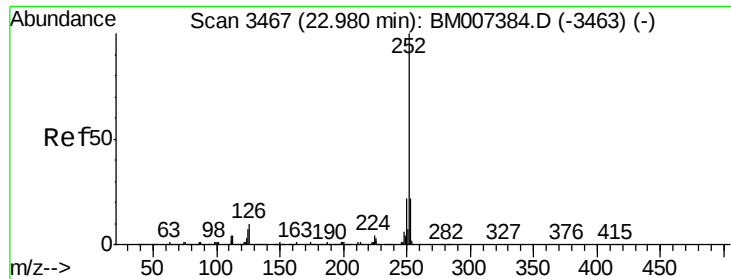


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#86

Benzo(k)fluoranthene

Concen: 1.03 ng/ul

RT: 22.93 min Scan# 3459

Delta R.T. -0.05 min

Lab File: BM007395.D

Acq: 03 Sep 2016 07:46

Instrument :

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C0004

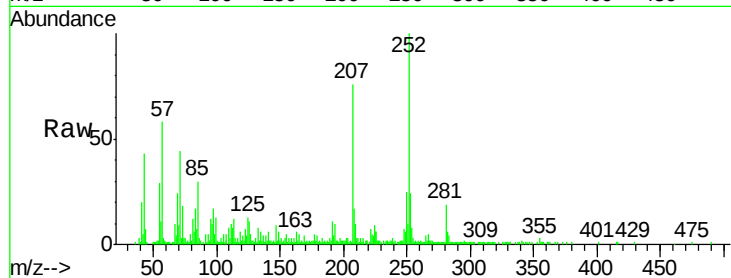
Tgt Ion:252 Resp: 130715

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 13.0 5.7 8.5#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

