

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
 Data File : BM006695.D
 Acq On : 27 Jul 2016 19:23
 Operator : UM/SJ
 Sample : H4094-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJE5

Quant Time: Jul 28 01:27:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 01:25:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	141874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	620646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	356222	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	822233	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	984416	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1027432	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.13	96	6707	1.84	ng/uL	0.00
5) Phenol-d5	6.79	99	253484	20.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	162448	21.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	197848	20.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	174793	17.87	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	94640	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	99866	19.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	171867	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	255841	26.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	589552	20.74	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	724216	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	69747	14.26	ng/ul	0.00
57) Fluorene-d10	15.26	176	521084	21.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	57743	12.89	ng/ul	0.00
70) Anthracene-d10	17.11	188	796501	20.76	ng/ul	0.00
76) Pyrene-d10	19.42	212	930335	20.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	980077	21.08	ng/ul	0.00

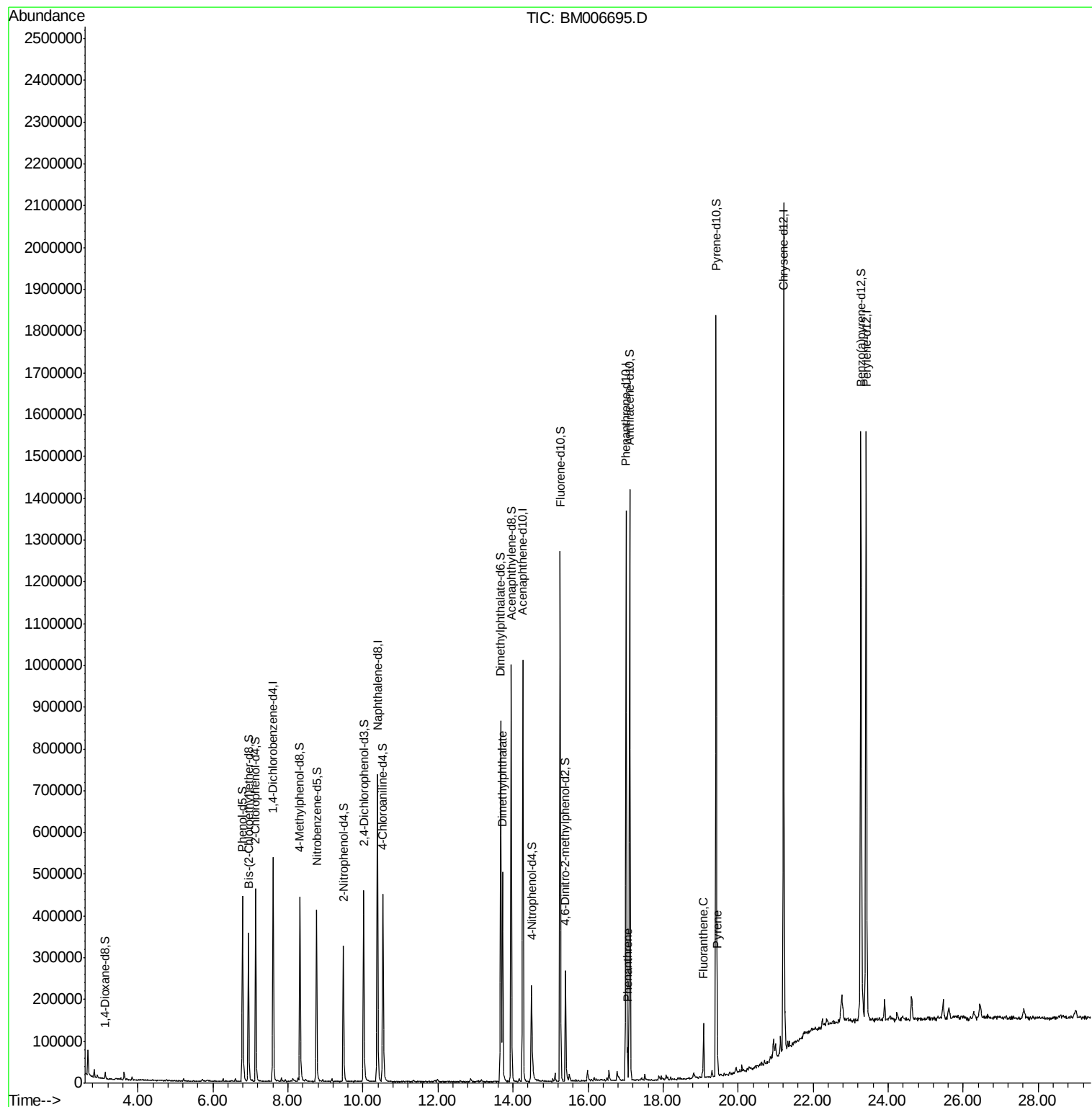
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.72	163	325272	11.44	ng/ul	99
69) Phenanthrene	17.05	178	45165	1.01	ng/ul	98
74) Fluoranthene	19.08	202	81193	1.61	ng/ul	99
77) Pyrene	19.44	202	71744	1.19	ng/ul	97

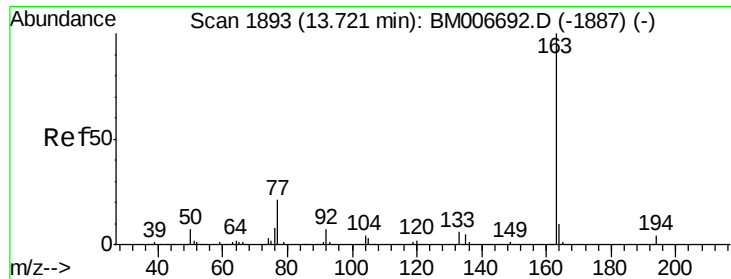
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 11.44 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. 0.00 min

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Acq: 27 Jul 2016 19:23

Instrument :

BNA_M

ClientSampleId :

BDJE5

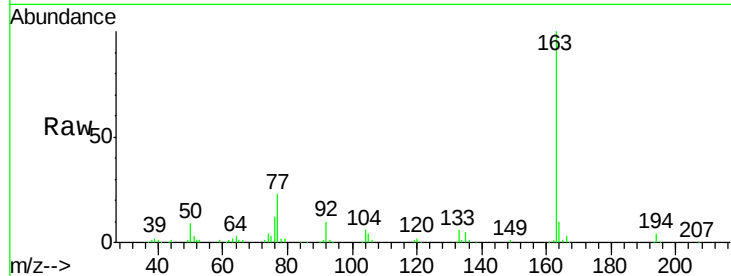
Tgt Ion:163 Resp: 325272

Ion Ratio Lower Upper

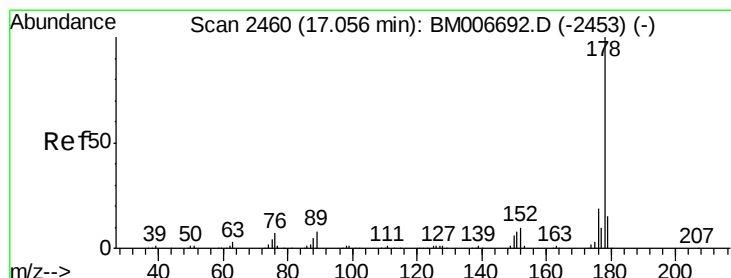
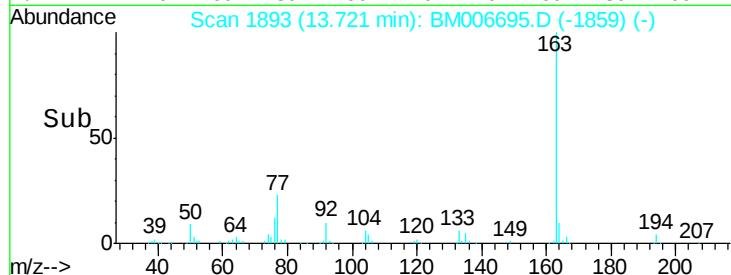
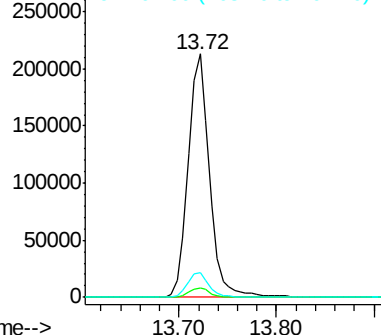
163 100

194 3.7 3.4 5.0

164 9.9 7.8 11.8



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



#69

Phenanthrene

Concen: 1.01 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. -0.01 min

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Acq: 27 Jul 2016 19:23

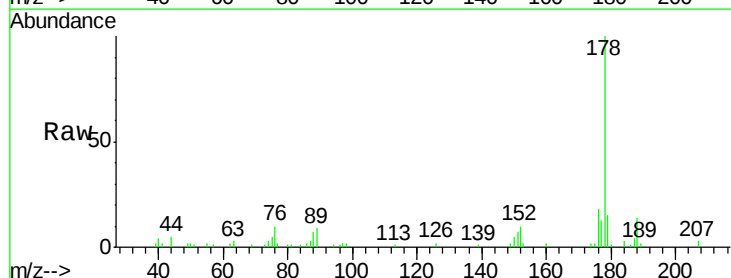
Tgt Ion:178 Resp: 45165

Ion Ratio Lower Upper

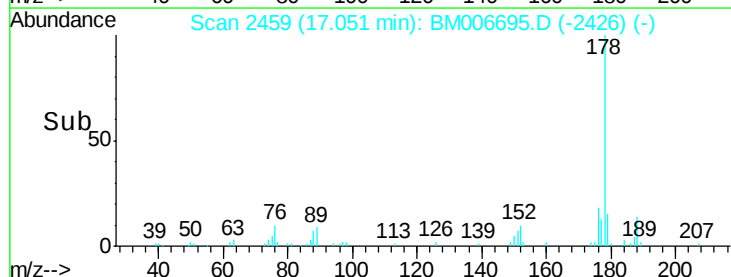
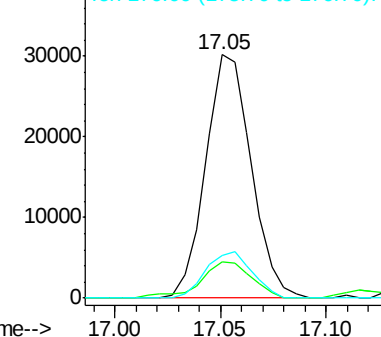
178 100

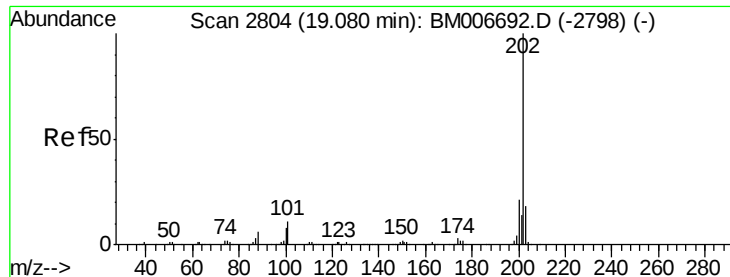
179 14.8 11.9 17.9

176 17.7 15.2 22.8



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





#74

Fluoranthene

Concen: 1.61 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

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Acq: 27 Jul 2016 19:23

Instrument :

BNA_M

ClientSampleId :

BDJE5

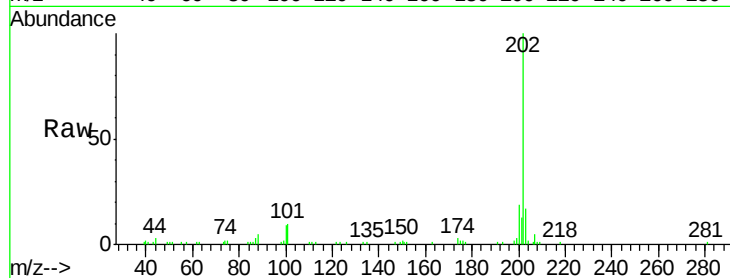
Tgt Ion:202 Resp: 81193

Ion Ratio Lower Upper

202 100

101 10.4 8.6 12.8

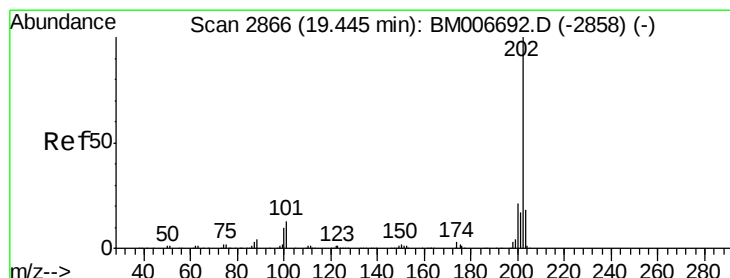
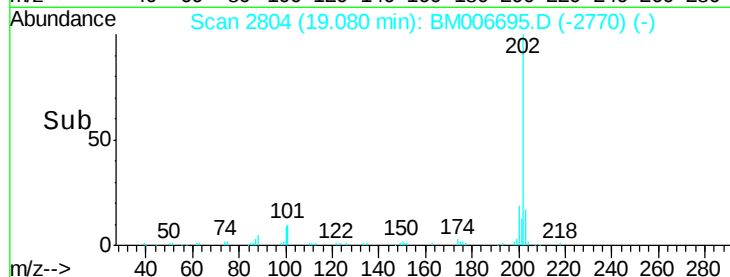
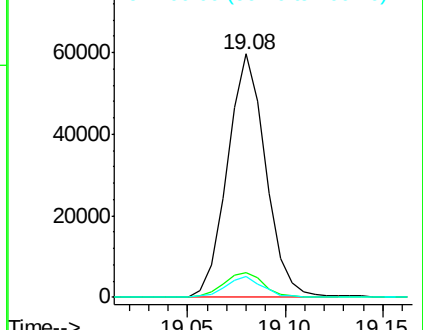
100 8.6 6.4 9.6



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: 1.19 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM006695.D

Acq: 27 Jul 2016 19:23

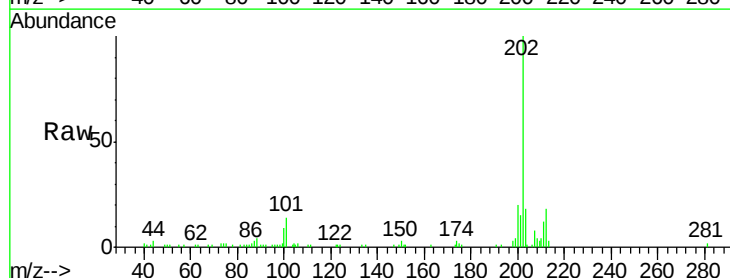
Tgt Ion:202 Resp: 71744

Ion Ratio Lower Upper

202 100

101 14.1 10.0 15.0

100 9.2 7.9 11.9



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

