

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020916\
 Data File : BM004219.D
 Acq On : 09 Feb 2016 12:13
 Operator : SJ/IZ
 Sample : H1340-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04K7

Quant Time: Feb 10 01:39:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 10 01:35:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	22332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	111535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	69335	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	168746	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	205955	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	186975	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2448	5.80	ng/uL	0.00
5) Phenol-d5	6.83	99	67427	30.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	35580	30.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	58199	34.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	61193	32.74	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	30523	36.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	34091	37.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	60464	35.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	91079	41.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	211102	35.39	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	259807	37.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	34262	28.70	ng/ul	0.00
58) Fluorene-d10	15.32	176	188554	36.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	24516	23.57	ng/ul	0.00
71) Anthracene-d10	17.17	188	310589	37.83	ng/ul	0.00
79) Pyrene-d10	19.47	212	366336	39.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	387706	39.76	ng/ul	0.00

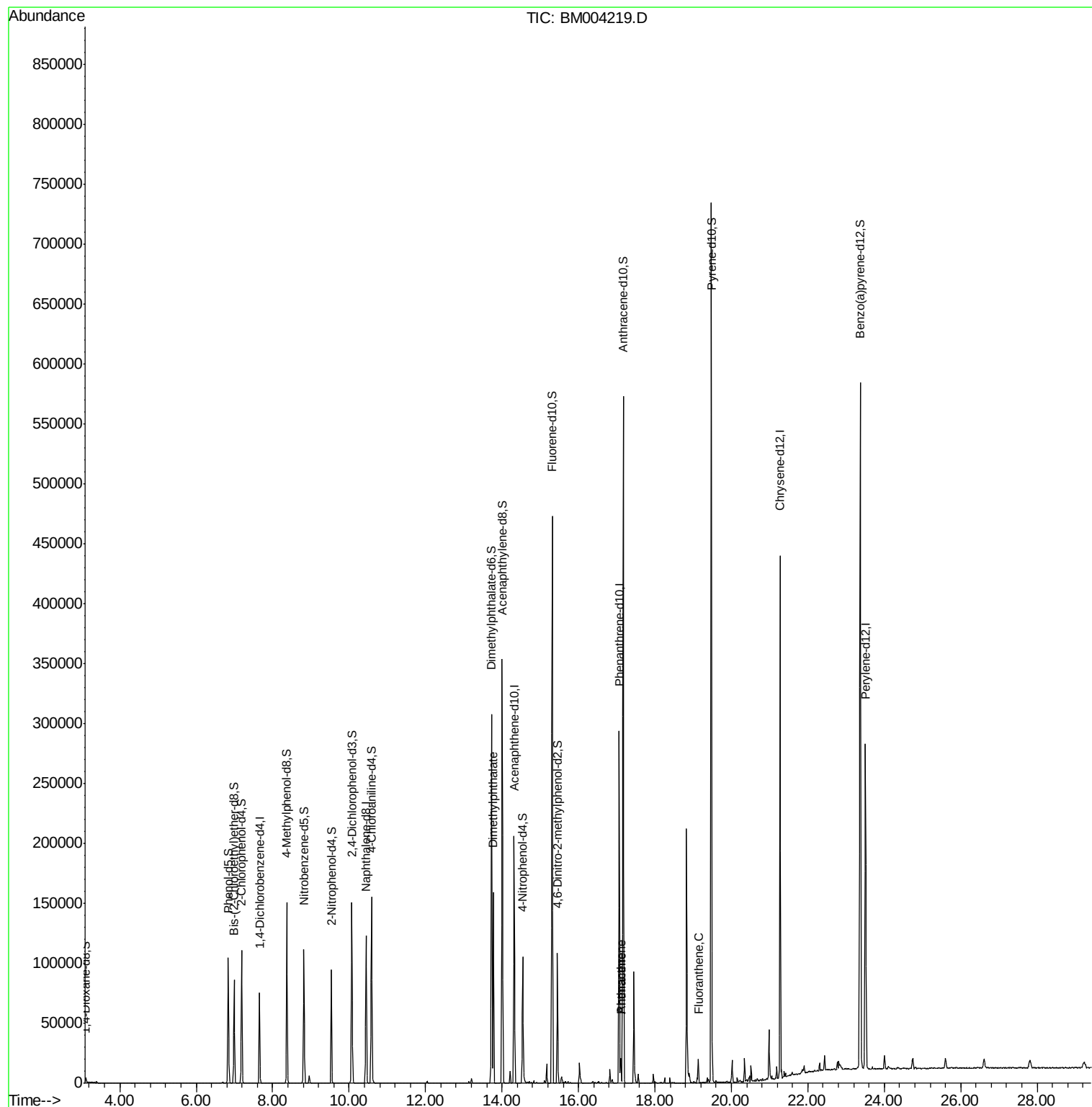
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	106489	16.95	ng/ul	99
70) Phenanthrene	17.11	178	14585	1.42	ng/ul	98
72) Anthracene	17.11	178	14585	1.40	ng/ul	99
77) Fluoranthene	19.14	202	12523	1.04	ng/ul	99

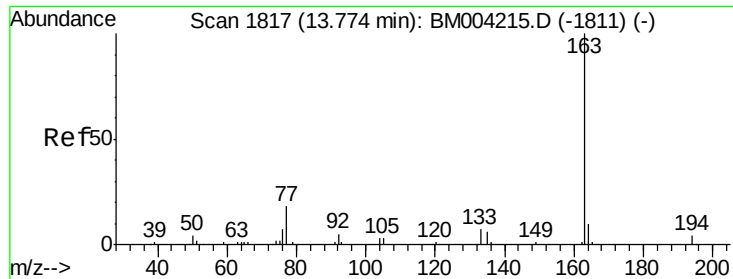
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 16.95 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BM004219.D

Acq: 09 Feb 2016 12:13

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ClientSampleId :

C04K7

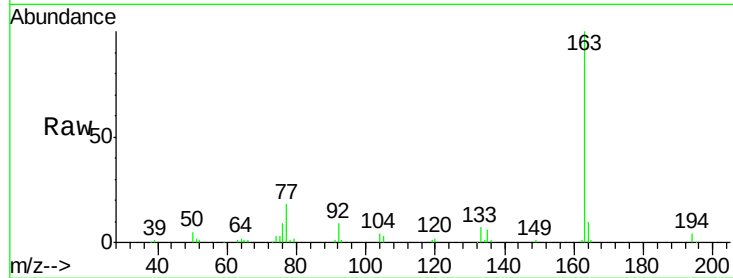
Tgt Ion:163 Resp: 106489

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

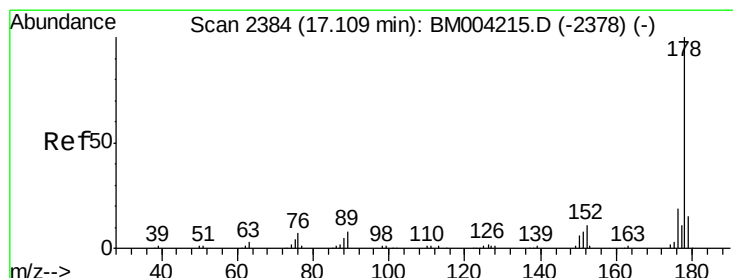
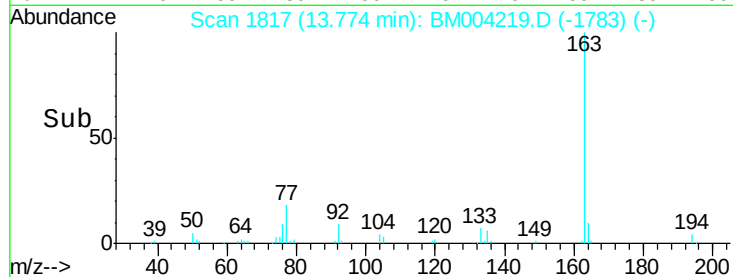
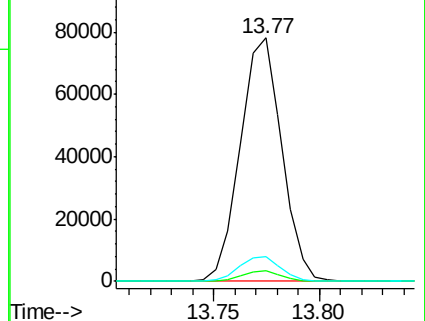
164 10.0 7.8 11.8



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



#70

Phenanthrene

Concen: 1.42 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM004219.D

Acq: 09 Feb 2016 12:13

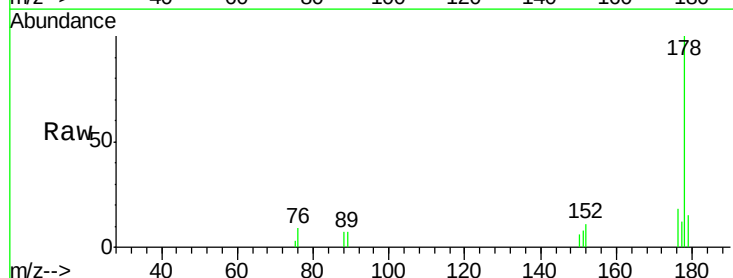
Tgt Ion:178 Resp: 14585

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

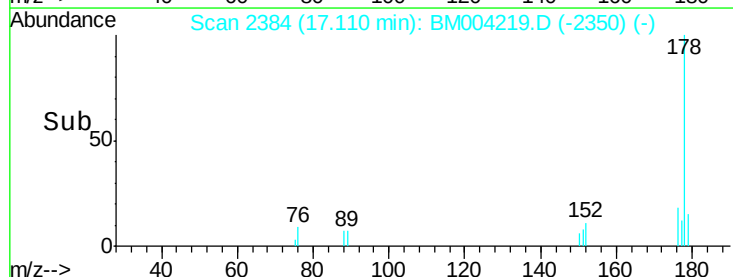
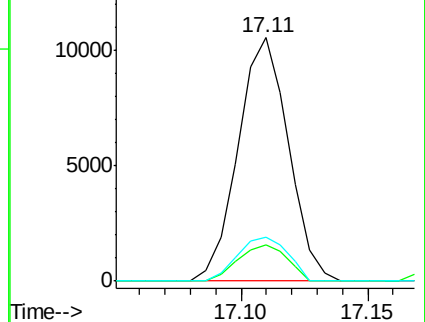
176 17.8 15.6 23.4

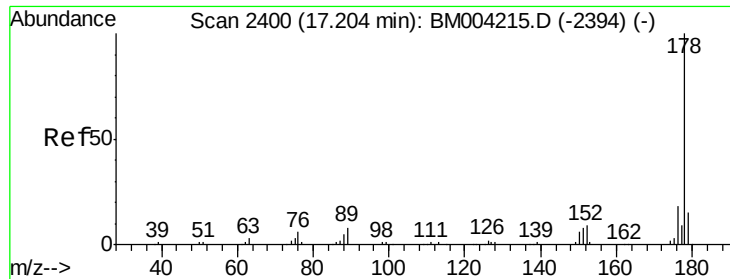


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

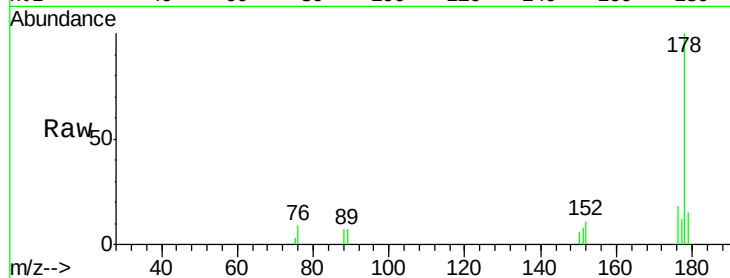




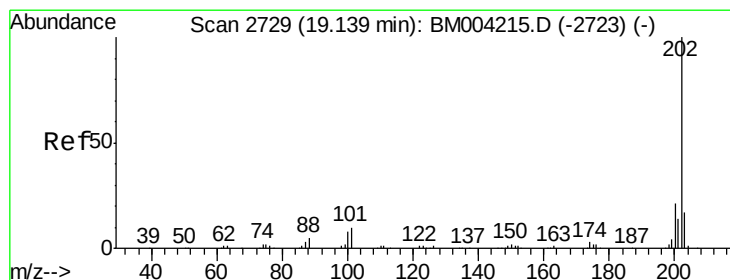
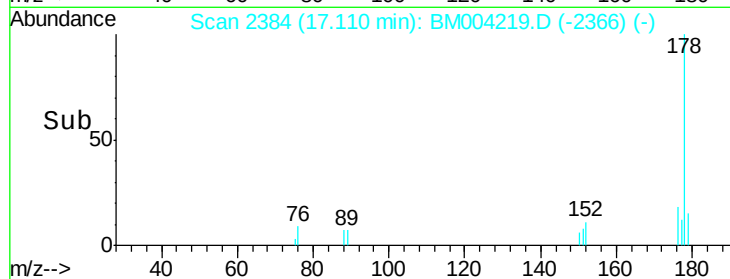
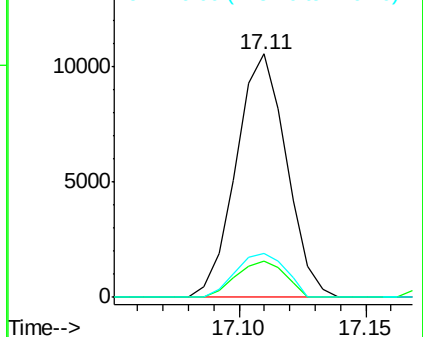
#72
 Anthracene
 Concen: 1.40 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. -0.09 min
 Lab File: BM004219.D
 Acq: 09 Feb 2016 12:13

Instrument :
 BNA_M
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Tgt Ion:178 Resp: 14585
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.1 18.1
 176 17.8 14.8 22.2

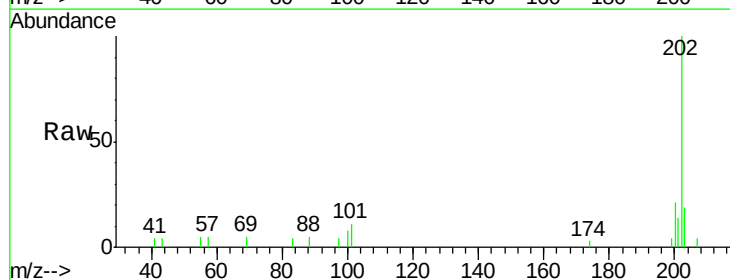


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



#77
 Fluoranthene
 Concen: 1.04 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004219.D
 Acq: 09 Feb 2016 12:13

Tgt Ion:202 Resp: 12523
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.8 13.2
 100 8.5 6.6 9.8



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

