

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007086.D
 Acq On : 14 Aug 2016 01:58
 Operator : UM/SJ
 Sample : H4314-14
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJW4

Quant Time: Aug 15 10:23:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	236850	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	922572	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	526242	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1248939	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1585538	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1676606	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.33	96	16351	3.02	ng/uL	0.00
5) Phenol-d5	6.97	99	292397	15.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	195988	17.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	252020	16.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	246211	15.59	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	122325	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	124030	17.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	245507	16.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	314876	17.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	813776	18.71	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	972980	18.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	40720	5.22	ng/ul	0.00
57) Fluorene-d10	15.43	176	718105	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	37288	5.40	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1093771	18.90	ng/ul	0.00
76) Pyrene-d10	19.57	212	1324230	19.79	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.49	264	1474399	19.23	ng/ul	-0.01

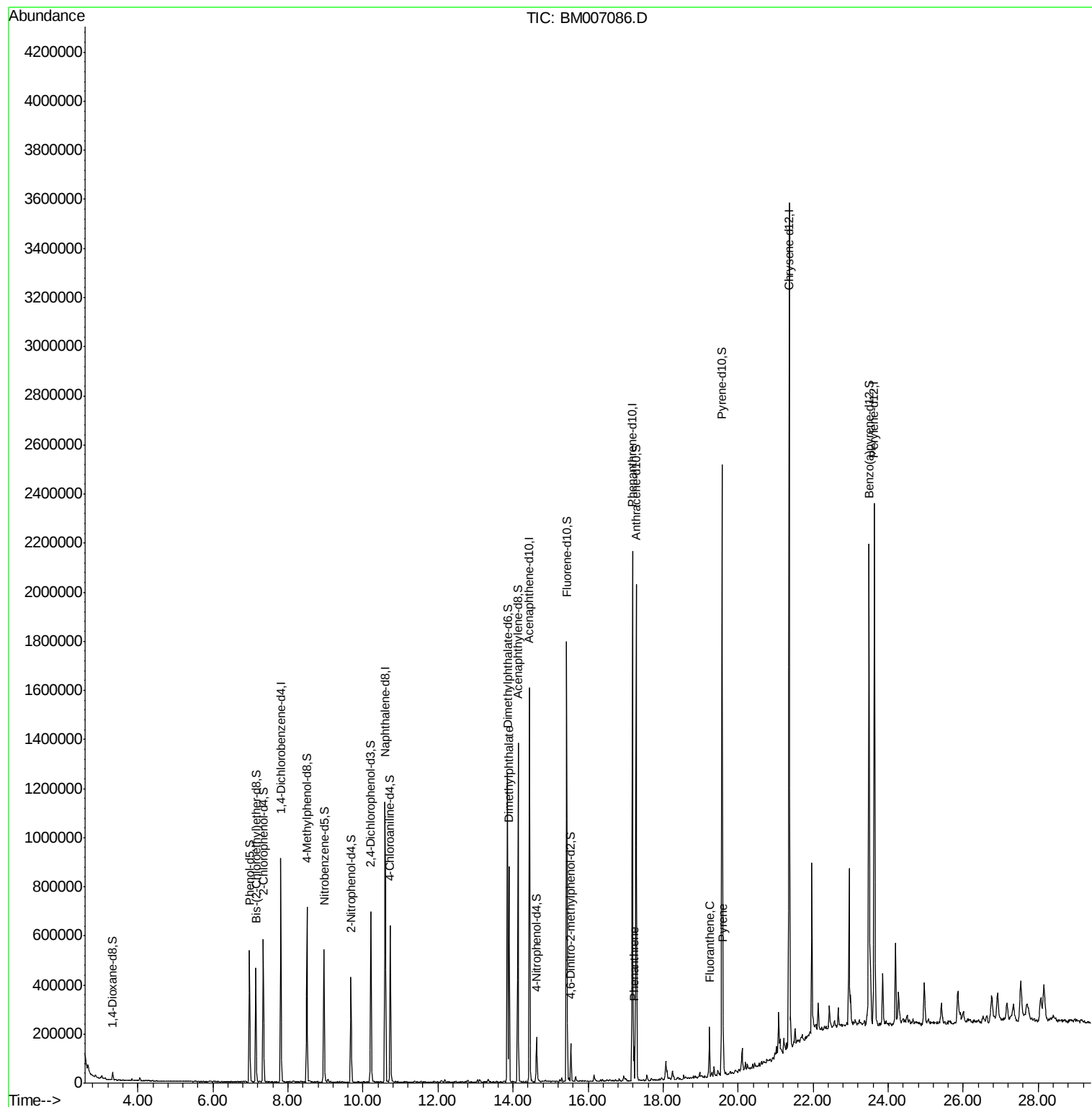
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.90	163	555509	12.78	ng/ul	99
69) Phenanthrene	17.22	178	87243	1.30	ng/ul	99
74) Fluoranthene	19.24	202	125786	1.54	ng/ul	98
77) Pyrene	19.60	202	123208	1.41	ng/ul	99

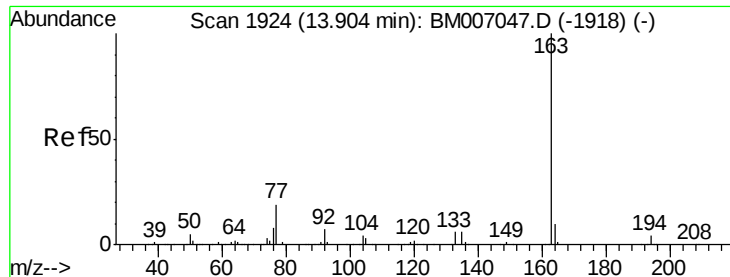
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 12.78 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

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BNA_M

ClientSampleId :

BDJW4

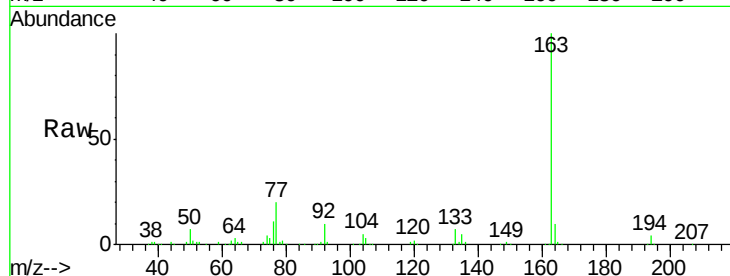
Tgt Ion:163 Resp: 555509

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

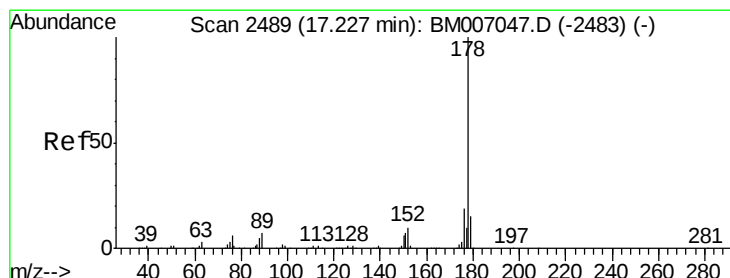
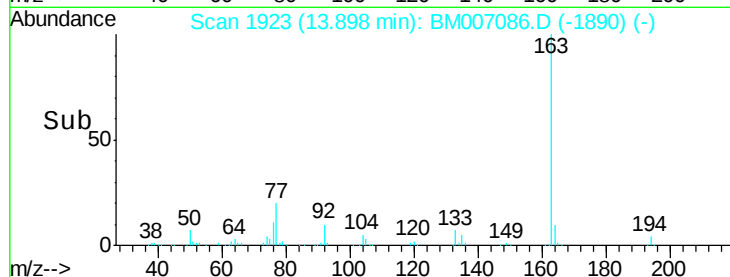
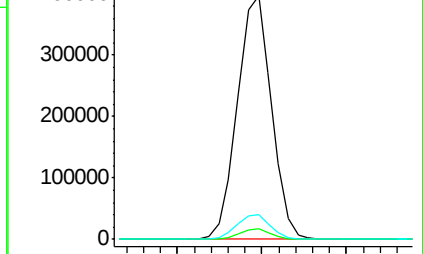
164 10.2 7.8 11.8



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: 1.30 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. -0.01 min

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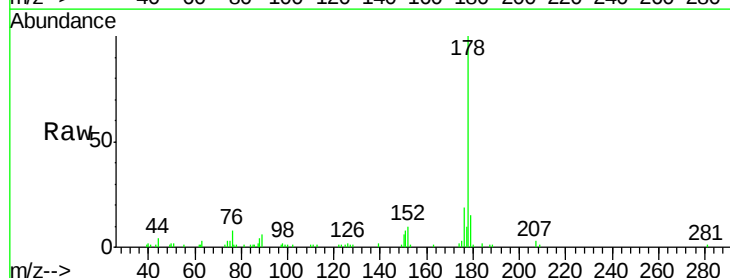
Tgt Ion:178 Resp: 87243

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

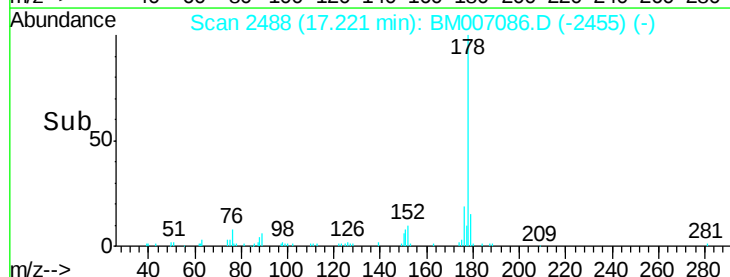
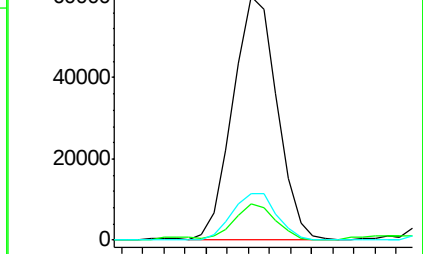
176 19.3 15.1 22.7

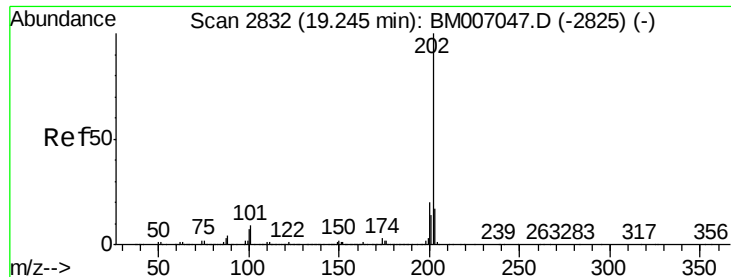


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.54 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.01 min

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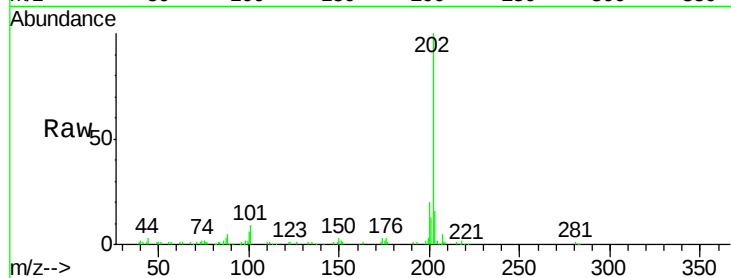
Tgt Ion:202 Resp: 125786

Ion Ratio Lower Upper

202 100

101 8.9 6.9 10.3

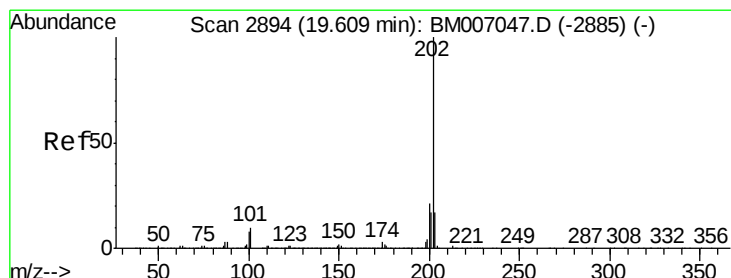
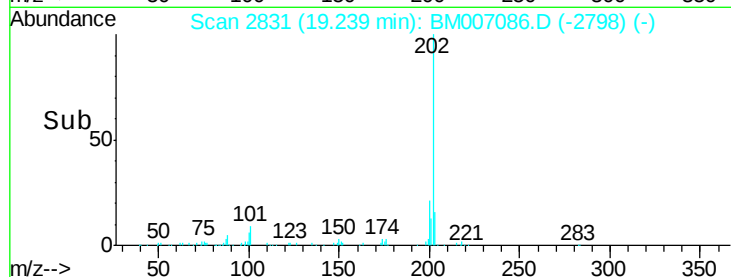
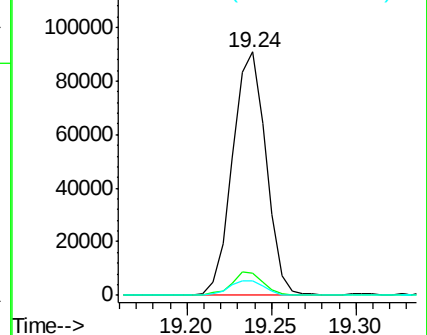
100 5.8 5.4 8.0



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: 1.41 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BM007086.D

Acq: 14 Aug 2016 01:58

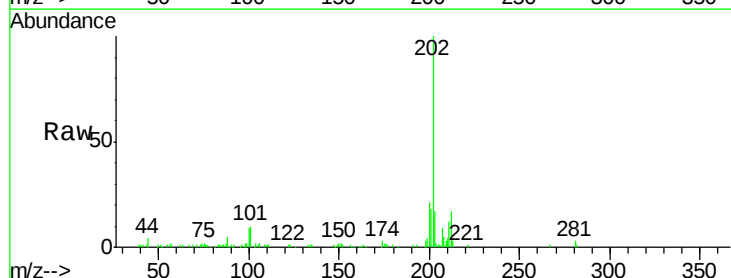
Tgt Ion:202 Resp: 123208

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

100 8.8 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

