

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101817\
 Data File : BM012286.D
 Acq On : 18 Oct 2017 19:24
 Operator : SJ/JU
 Sample : I5701-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 18 23:11:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 23:09:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	178656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	609170	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	411659	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1145005	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1029283	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	766623	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	6750	1.80	ng/uL	0.00
5) Phenol-d5	6.96	99	158825	10.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	103946	11.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	153697	12.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	141630	11.35	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	72647	15.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	78422	14.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	126706	12.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	143580	14.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	540451	14.85	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	593130	13.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	21851	3.99	ng/ul	0.05
57) Fluorene-d10	15.43	176	443997	14.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	47692	6.07	ng/ul	0.01
70) Anthracene-d10	17.28	188	831807	14.69	ng/ul	0.00
76) Pyrene-d10	19.58	212	862566	16.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	539808	14.61	ng/ul	0.00

Target Compounds

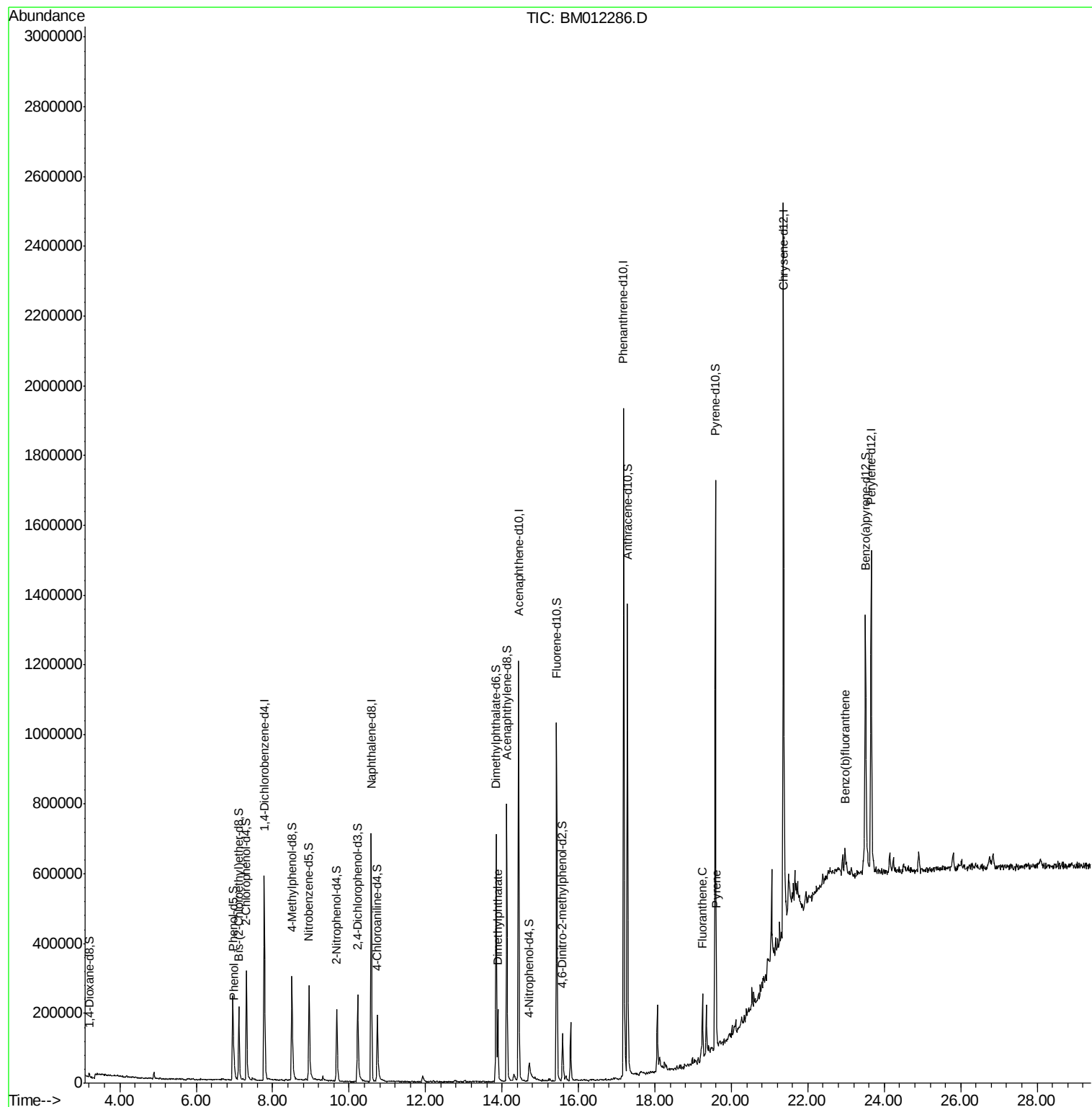
				Ovalue	
6) Phenol	6.99	94	30091	2.008	ng/ul 93
44) Dimethylphthalate	13.89	163	146442	4.017	ng/ul 100
74) Fluoranthene	19.24	202	106833	1.359	ng/ul# 97
77) Pyrene	19.60	202	106386	1.565	ng/ul# 96
85) Benzo(b)fluoranthene	22.97	252	55807	1.116	ng/ul# 92

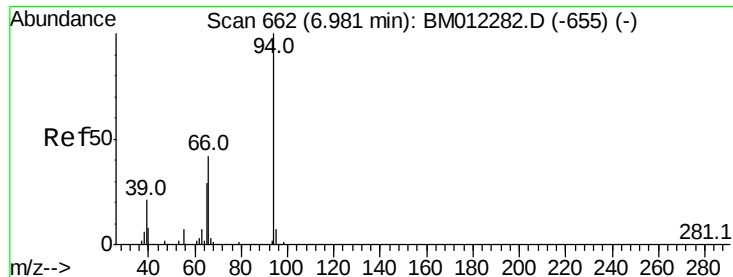
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.008 ng/ul

RT: 6.99 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM012286.D

Acq: 18 Oct 2017 19:24

Instrument :

BNA_M

ClientSampleId :

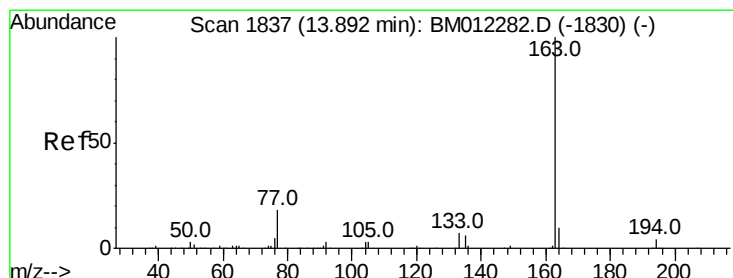
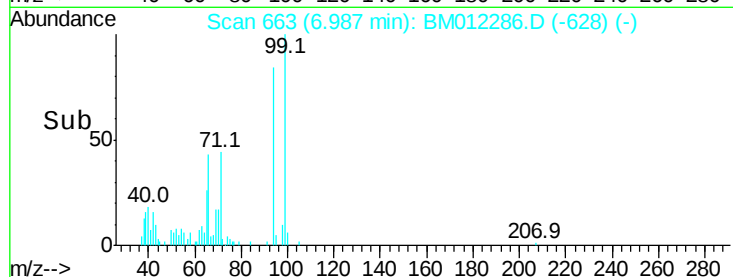
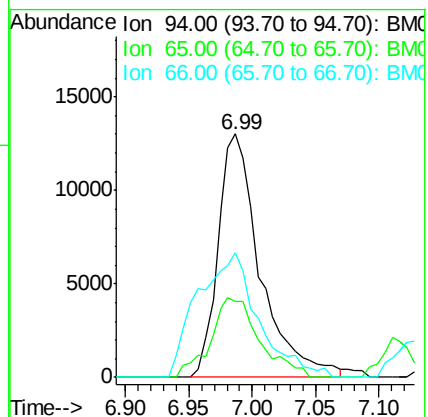
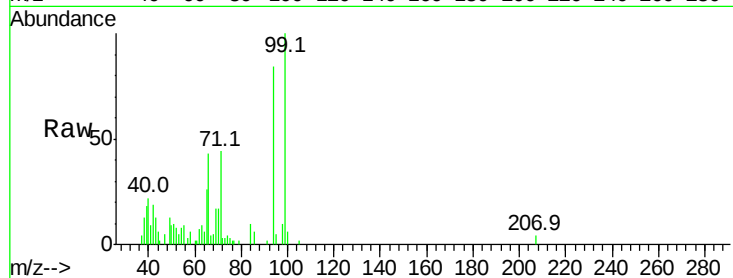
Tot Ion: 94 Resp: 30091

Ion Ratio Lower Upper

94 100

65 31.1 24.4 36.6

66 51.3 35.0 52.4



#44

Dimethylphthalate

Concen: 4.017 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BM012286.D

Acq: 18 Oct 2017 19:24

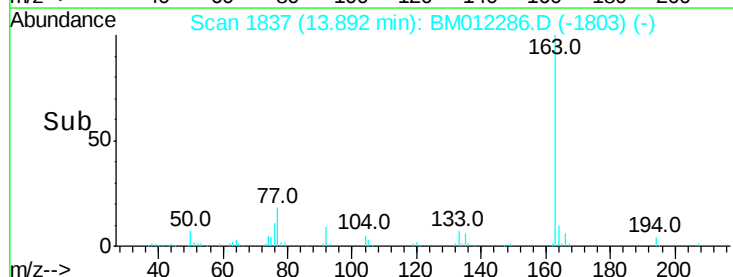
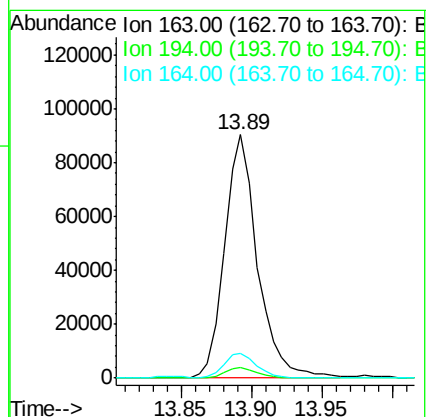
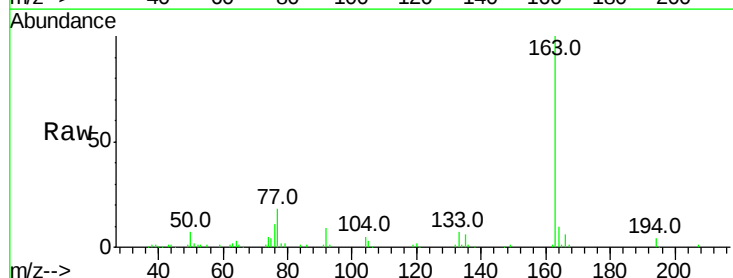
Tgt Ion: 163 Resp: 146442

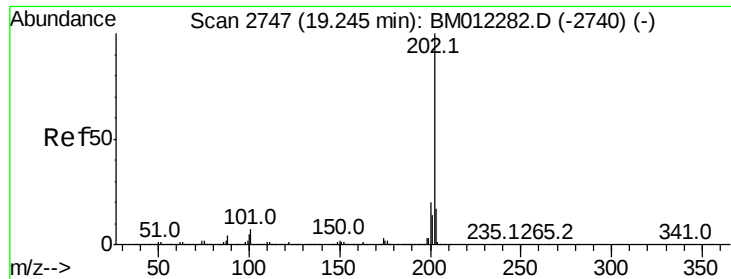
Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

164 10.3 8.1 12.1





#74

Fluoranthene

Concen: 1.359 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BM012286.D

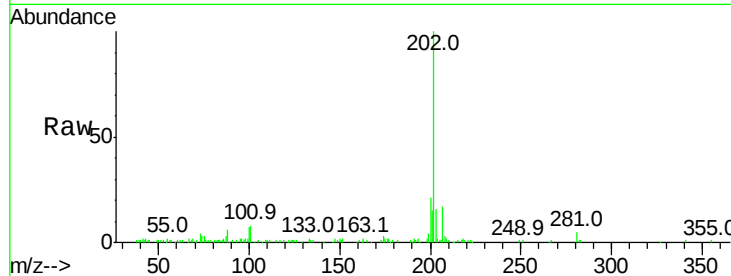
Acq: 18 Oct 2017 19:24

Instrument :

BNA_M

ClientSampleId :

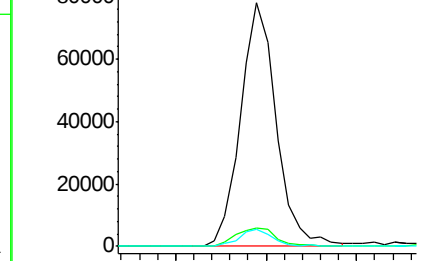
Tot Ion:	202	Resp:	106833
Ion Ratio	Lower	Upper	
202	100		
101	7.7	5.8	8.6
100	7.2	4.3	6.5#



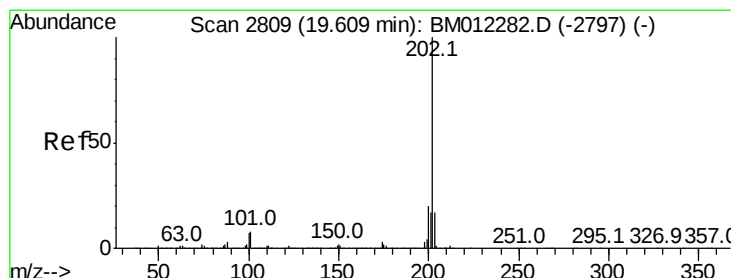
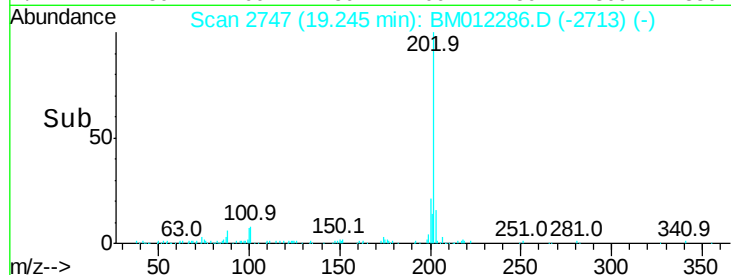
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 1.565 ng/ul

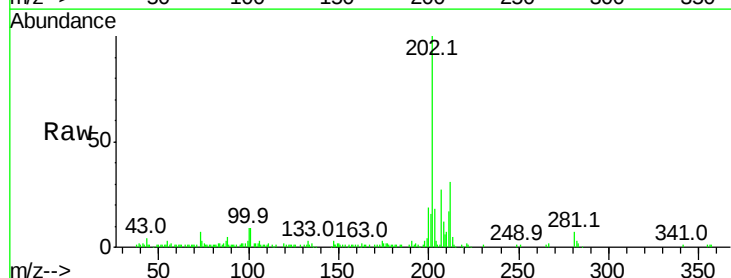
RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012286.D

Acq: 18 Oct 2017 19:24

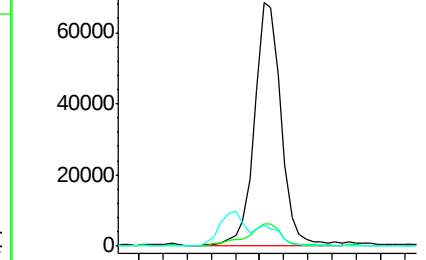
Tgt Ion:	202	Resp:	106386
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.5	9.7
100	8.7	5.6	8.4#



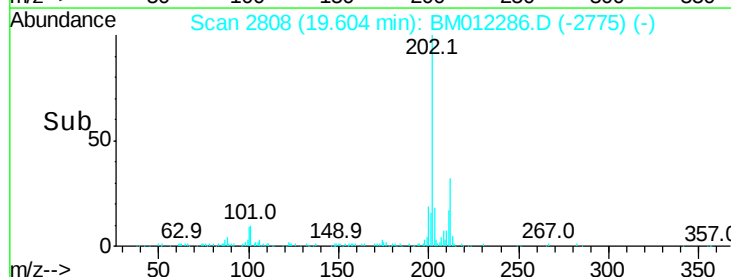
Abundance Ion 202.00 (201.70 to 202.70): E

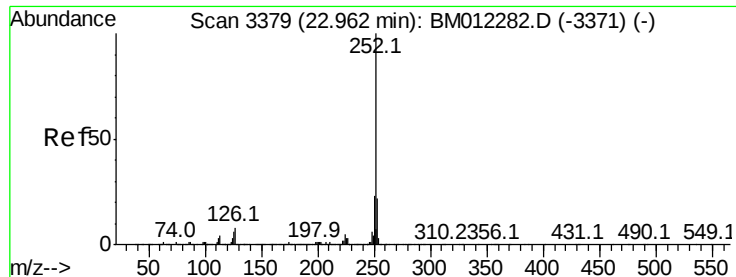
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#85

Benzo(b)fluoranthene

Concen: 1.116 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012286.D

Acq: 18 Oct 2017 19:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 55807

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.2

125 10.1 5.1 7.7#

