

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012516.D
 Acq On : 28 Oct 2017 09:38
 Operator : SJ/JU
 Sample : I5786-06 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 05:37:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 05:30:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	527564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1945650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1077147	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2409410	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2775140	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3150334	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.36	96	15142	1.47	ng/uL	0.00
5) Phenol-d5	7.04	99	246839	5.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	155582	5.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	204098	6.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	177224	4.71	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	93249	7.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	100348	7.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	198536	5.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	121912	3.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	581784	6.18	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	713294	6.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	80138	5.73	ng/ul	0.00
57) Fluorene-d10	15.49	176	508618	6.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	43259	3.71	ng/ul	0.00
70) Anthracene-d10	17.34	188	780558	6.80	ng/ul	0.00
76) Pyrene-d10	19.63	212	887304	6.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1026132	6.86	ng/ul	0.00

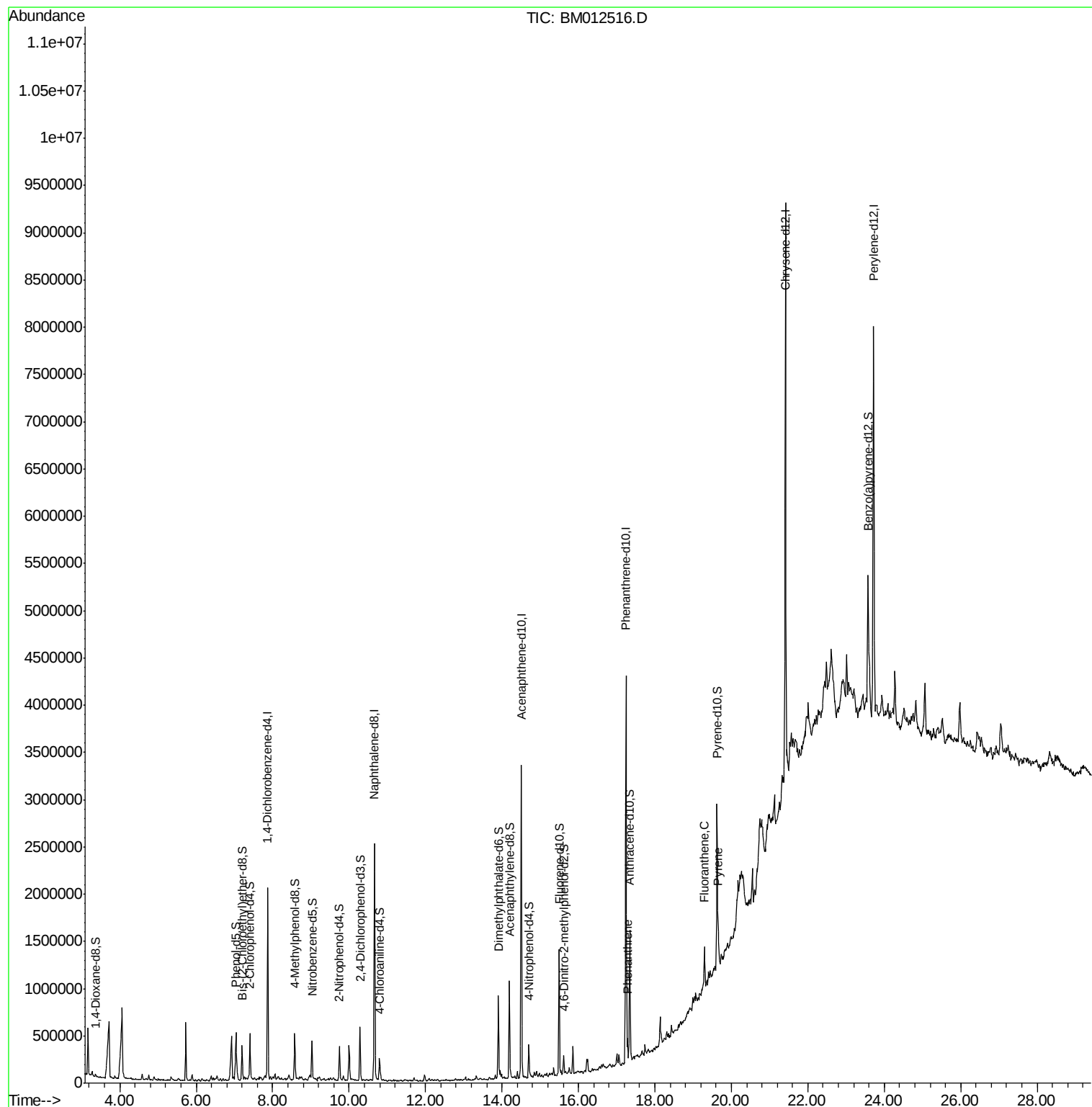
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
69) Phenanthrene	17.29	178	143573	1.10	ng/ul	97
74) Fluoranthene	19.30	202	216292	1.46	ng/ul#	93
77) Pyrene	19.66	202	204770	1.30	ng/ul#	92

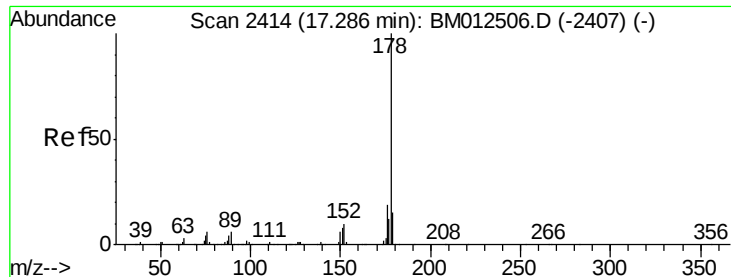
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 1.10 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. 0.00 min

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Acq: 28 Oct 2017 09:38

Instrument :

BNA_M

ClientSampled :

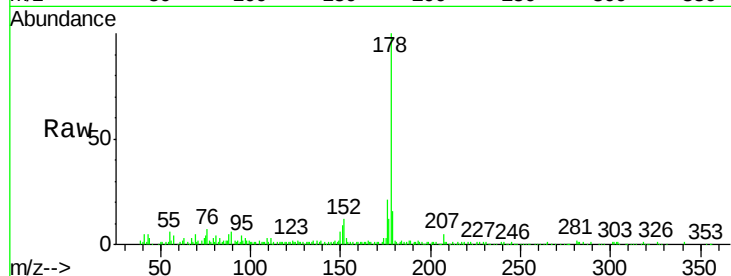
Tot Ion:178 Resp: 143573

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

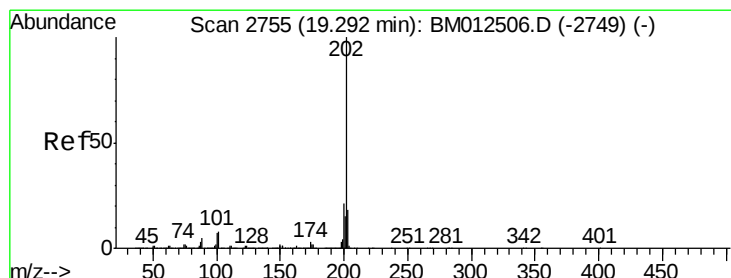
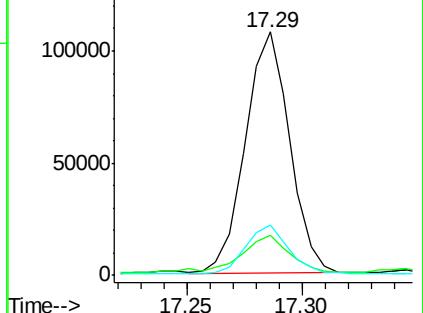
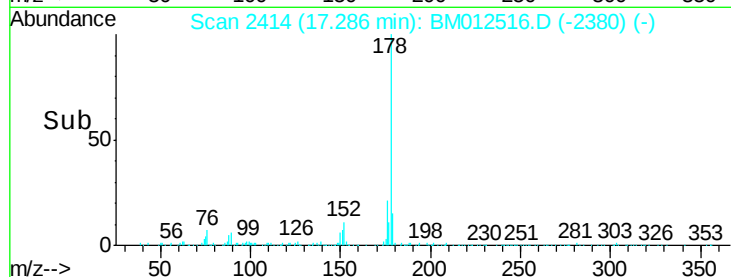
176 20.9 14.9 22.3



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: 1.46 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.01 min

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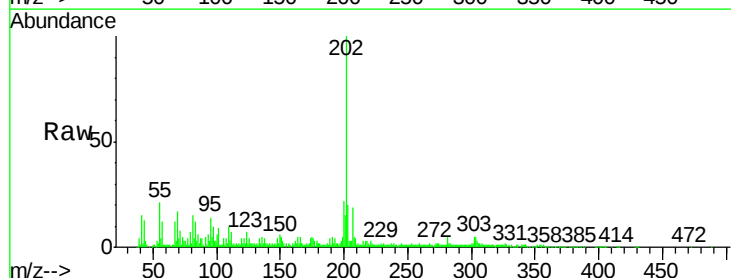
Tgt Ion:202 Resp: 216292

Ion Ratio Lower Upper

202 100

101 8.5 4.6 7.0#

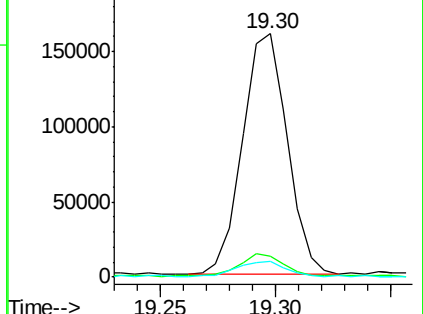
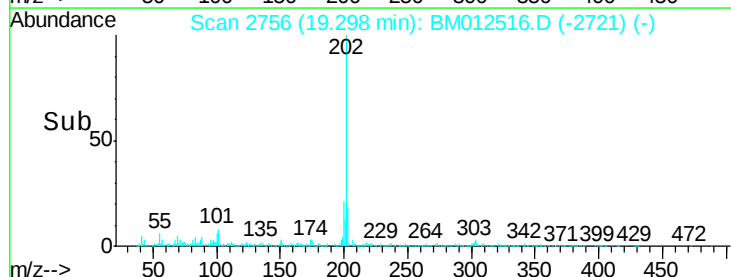
100 6.2 3.4 5.2#

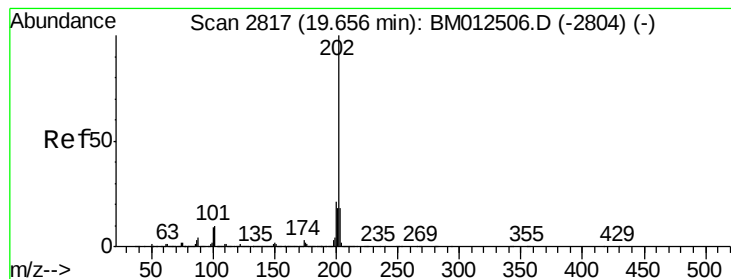


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.30 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

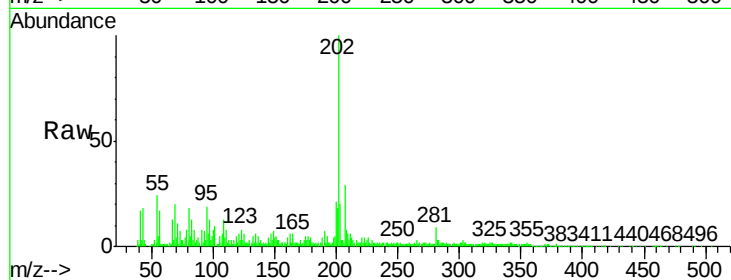
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Tot Ion:	202	Resp:	204770
Ion	Ratio	Lower	Upper
202	100		
101	10.4	5.1	7.7#
100	7.7	4.9	7.3#

