

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062816\
 Data File : BM006108.D
 Acq On : 28 Jun 2016 22:38
 Operator : UM/SJ
 Sample : H3780-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 29 01:17:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	195606	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	844562	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	465050	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1003072	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1116536	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1177866	20.00	ng/ul	0.00

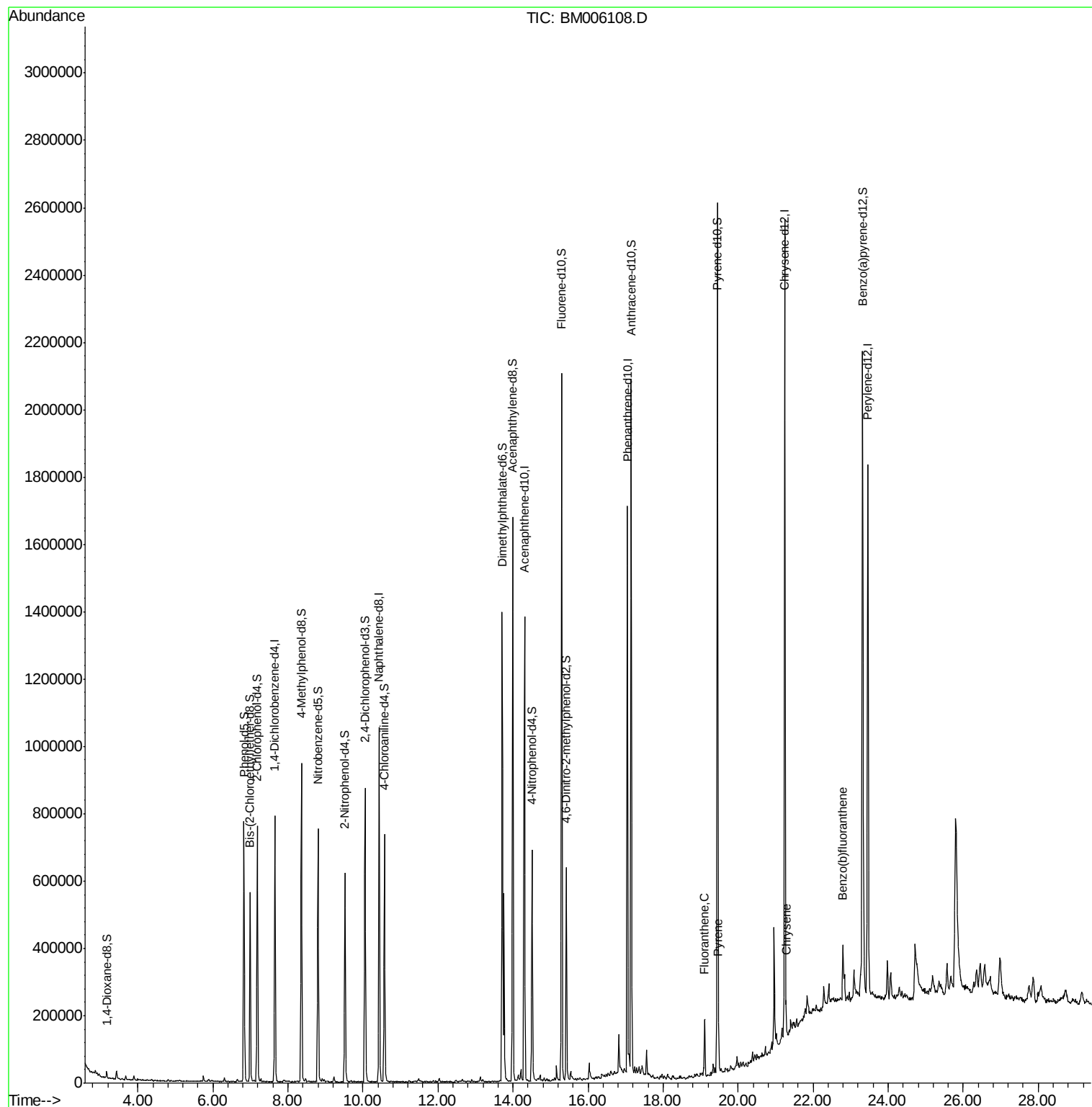
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	9208	2.19	ng/uL	0.00
3) Phenol-d5	6.82	99	419784	26.27	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	265319	28.16	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	327939	26.74	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	344213	26.76	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	164953	29.00	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	181778	27.92	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	317742	26.75	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	381152	40.59	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	949275	28.47	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1207718	29.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	153516	24.27	ng/ul	0.00
21) Fluorene-d10	15.30	176	812069	28.55	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	121863	34.30	ng/ul	0.00
26) Anthracene-d10	17.15	188	1186007	29.47	ng/ul	0.00
30) Pyrene-d10	19.45	212	1315738	29.26	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1406736	30.01	ng/ul	0.00

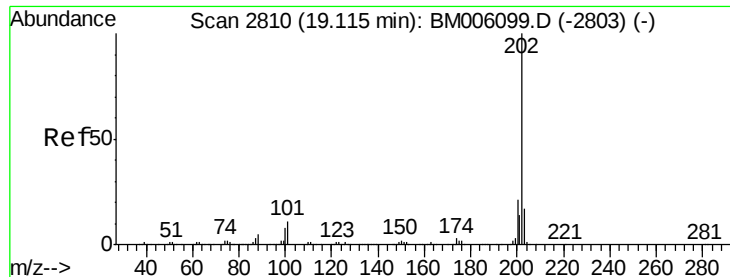
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Fluoranthene	19.12	202	102121	1.76	ng/ul	98
31) Pyrene	19.48	202	81516	1.38	ng/ul#	94
33) Chrysene	21.28	228	56035	1.05	ng/ul	96
35) Benzo(b)fluoranthene	22.80	252	81974	1.34	ng/ul	99

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

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#28

Fluoranthene

Concen: 1.76 ng/ul

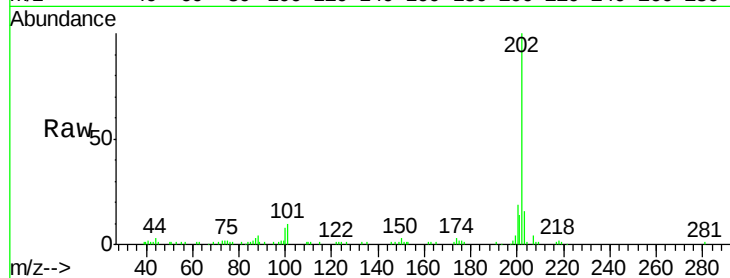
RT: 19.12 min Scan# 2810

Delta R.T. -0.00 min

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Acq: 28 Jun 2016 22:38

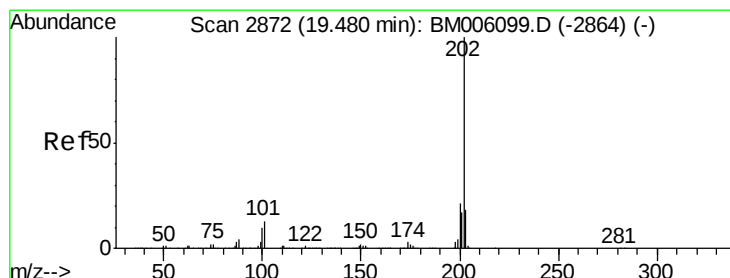
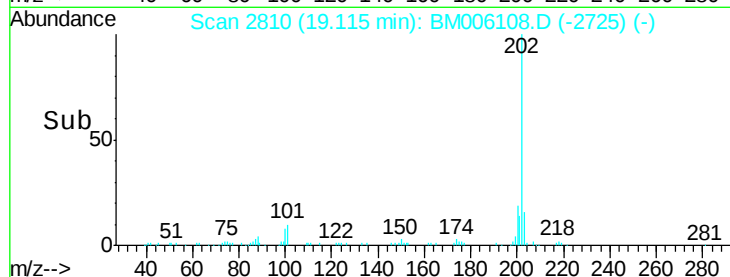
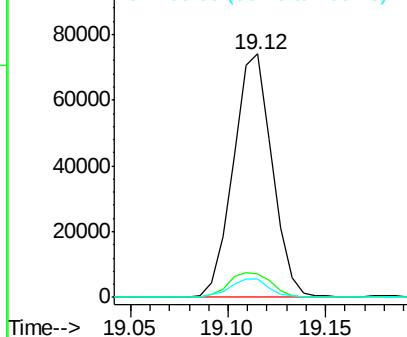
Tgt Ion:	202	Resp:	102121
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.5	12.7
100	7.5	6.5	9.7



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



#31

Pyrene

Concen: 1.38 ng/ul

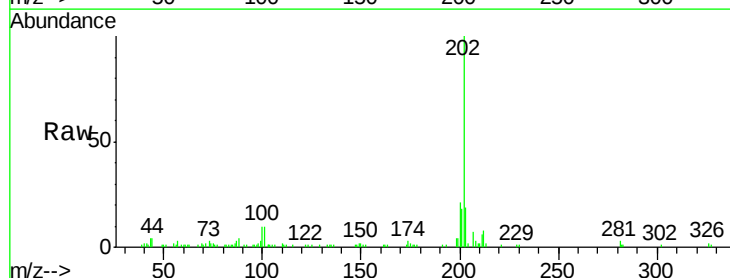
RT: 19.48 min Scan# 2872

Delta R.T. -0.00 min

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Acq: 28 Jun 2016 22:38

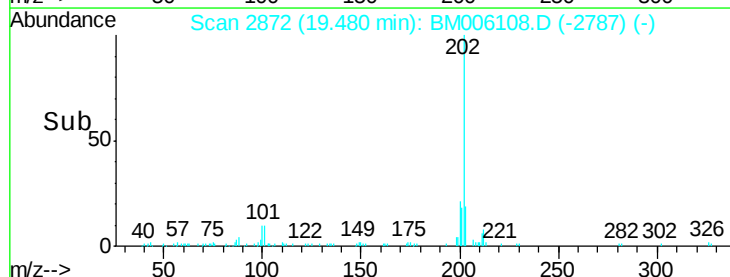
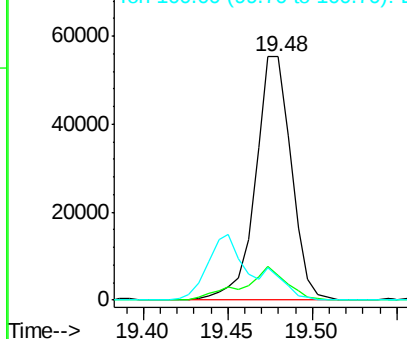
Tgt Ion:	202	Resp:	81516
Ion Ratio	Lower	Upper	
202	100		
101	10.2	11.0	16.4#
100	9.7	8.9	13.3

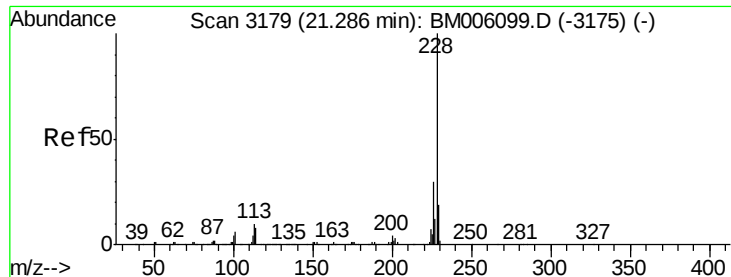


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#33

Chrysene

Concen: 1.05 ng/ul

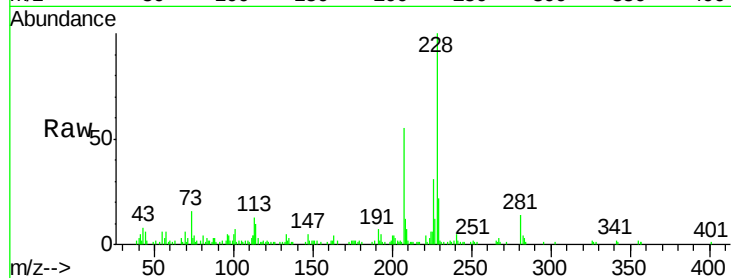
RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

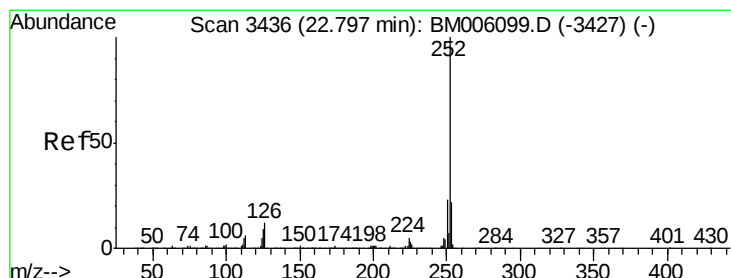
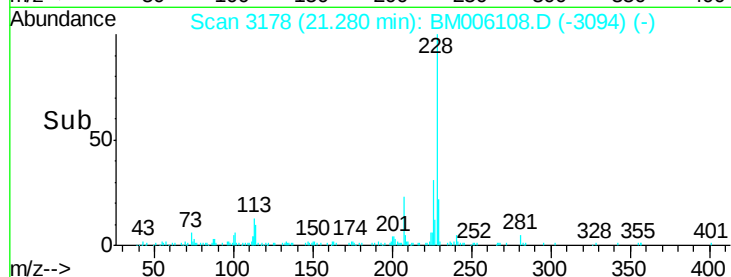
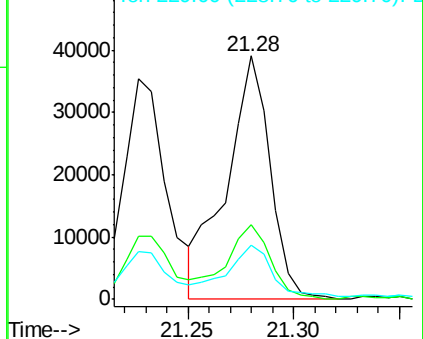
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Acq: 28 Jun 2016 22:38

Tgt Ion:	228	Resp:	56035
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.6
229	22.4	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#35

Benzo(b)fluoranthene

Concen: 1.34 ng/ul

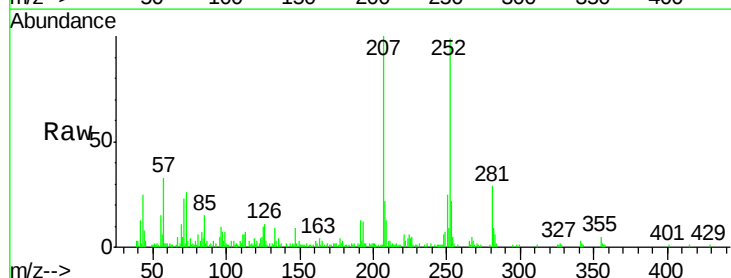
RT: 22.80 min Scan# 3436

Delta R.T. -0.00 min

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Acq: 28 Jun 2016 22:38

Tgt Ion:	252	Resp:	81974
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.1	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

