

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062816\
 Data File : BM006105.D
 Acq On : 28 Jun 2016 20:50
 Operator : UM/SJ
 Sample : PB91650BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 29 00:59:15 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	179245	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	781706	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	454620	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	953366	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	923083	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	919302	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.16	96	14597	3.78	ng/uL	0.00
3) Phenol-d5	6.83	99	600935	41.04	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	381179	44.15	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	464407	41.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	481703	40.87	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	239132	45.42	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	263428	43.71	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	448073	40.75	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	662767	76.26	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1441381	44.23	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1801398	45.55	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	241719	39.09	ng/ul	0.00
21) Fluorene-d10	15.30	176	1205781	43.36	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	157376	46.61	ng/ul	0.00
26) Anthracene-d10	17.15	188	1782075	46.60	ng/ul	0.00
30) Pyrene-d10	19.45	212	1833343	49.32	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1728572	47.25	ng/ul	0.00

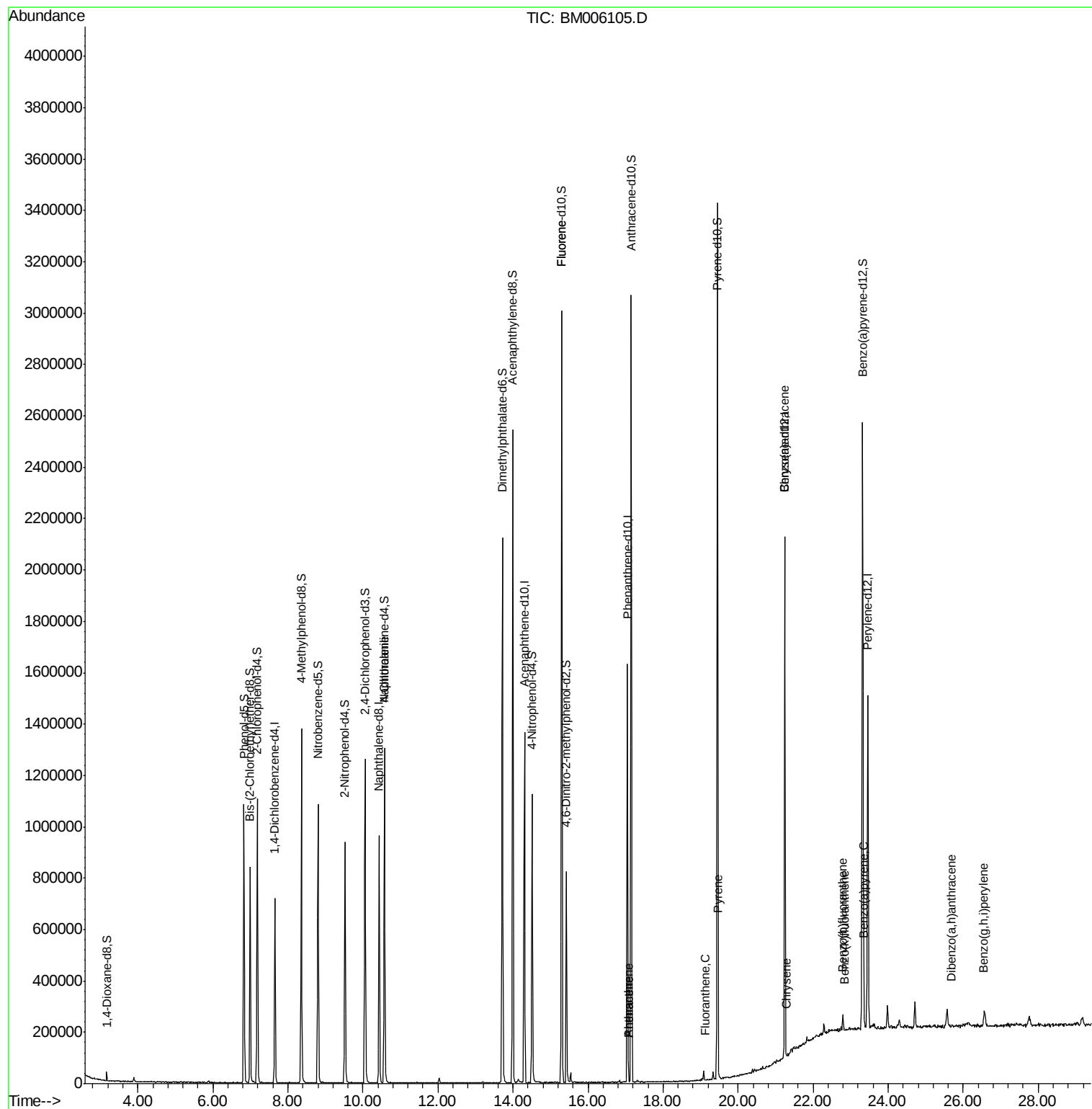
Target Compounds

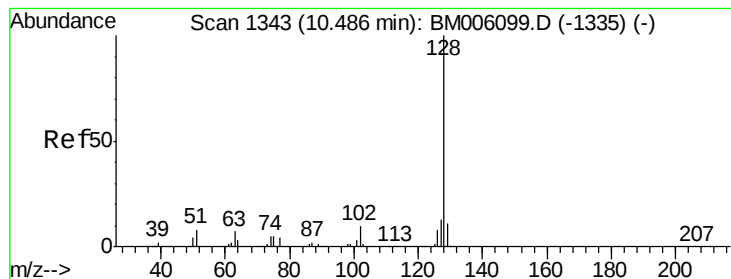
					Qvalue	
11) Naphthalene	10.57	128	503	0.01	ng/ul#	1
22) Fluorene	15.30	166	2832	0.09	ng/ul#	6
25) Phenanthrene	17.10	178	253	0.01	ng/ul#	60
27) Anthracene	17.10	178	253	0.01	ng/ul#	61
28) Fluoranthene	19.12	202	968	0.02	ng/ul#	74
31) Pyrene	19.47	202	1136	0.02	ng/ul#	29
32) Benzo(a)anthracene	21.24	228	3457	0.07	ng/ul#	55
33) Chrysene	21.28	228	1524	0.03	ng/ul#	91
35) Benzo(b)fluoranthene	22.78	252	792	0.02	ng/ul#	1
36) Benzo(k)fluoranthene	22.84	252	1118	0.02	ng/ul#	1
38) Benzo(a)pyrene	23.36	252	976	0.02	ng/ul#	1
40) Dibenzo(a,h)anthracene	25.68	278	151	0.00	ng/ul#	56
41) Benzo(g,h,i)perylene	26.54	276	132	0.00	ng/ul#	54

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

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#11

Naphthalene

Concen: 0.01 ng/ul

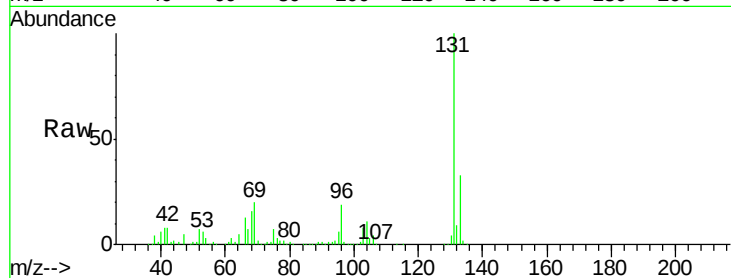
RT: 10.57 min Scan# 1358

Delta R.T. 0.09 min

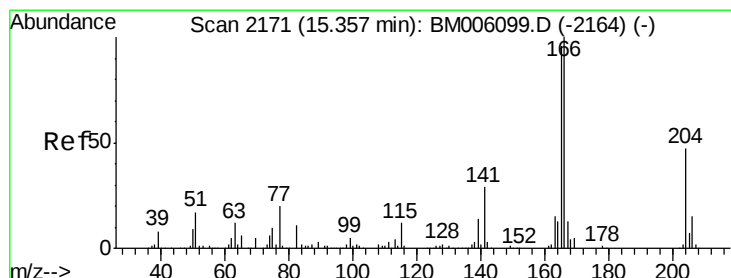
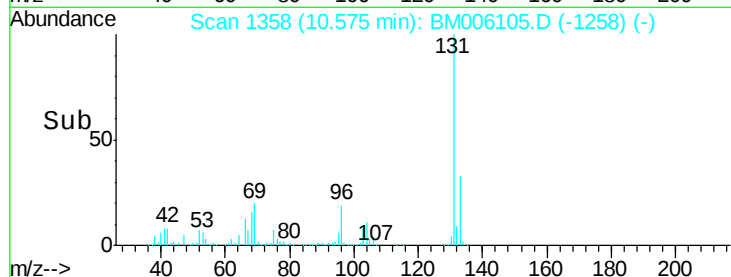
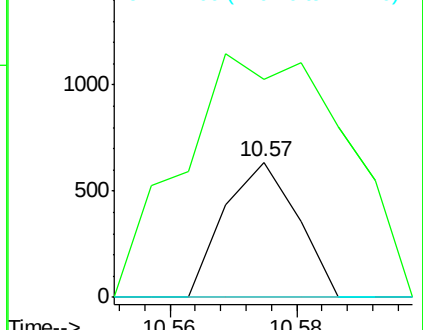
Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

Tgt Ion:	128	Resp:	503
Ion	Ratio	Lower	Upper
128	100		
129	161.2	8.9	13.3#
127	0.0	10.5	15.7#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#22

Fluorene

Concen: 0.09 ng/ul

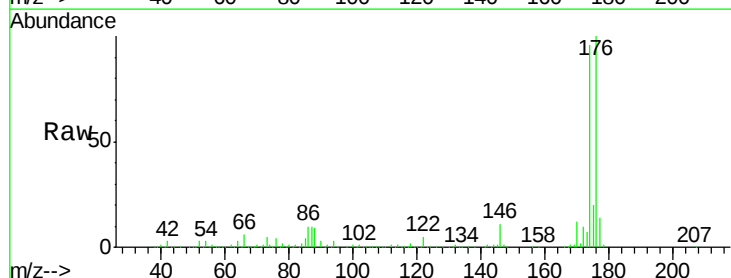
RT: 15.30 min Scan# 2161

Delta R.T. -0.06 min

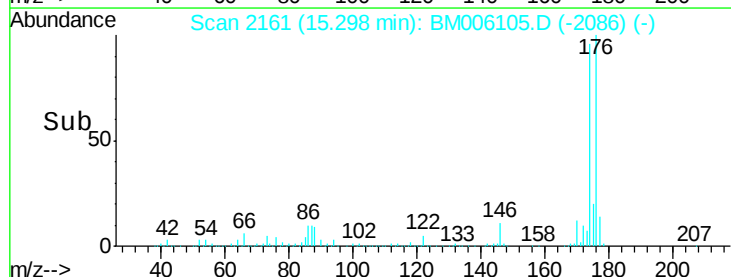
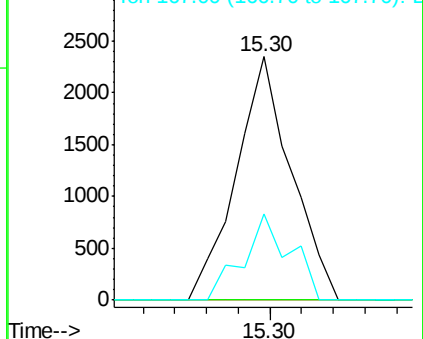
Lab File: BM006105.D

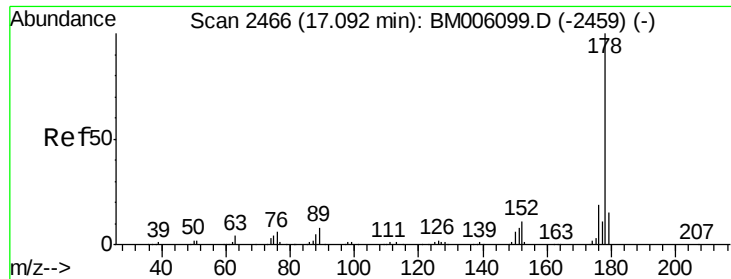
Acq: 28 Jun 2016 20:50

Tgt Ion:	166	Resp:	2832
Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.4	117.6#
167	35.4	10.6	16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#25

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

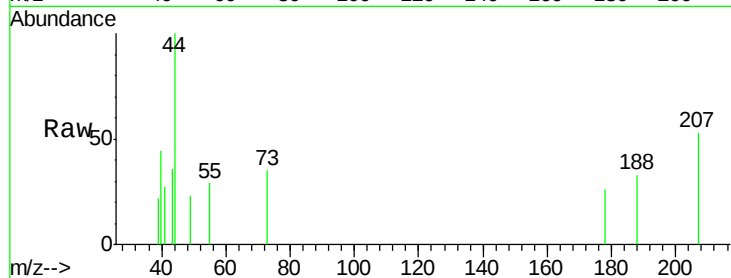
Tgt Ion:178 Resp: 253

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.2#

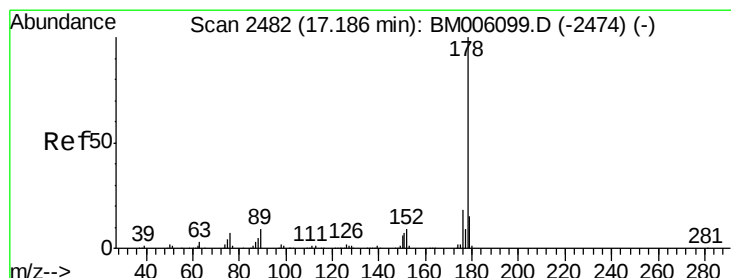
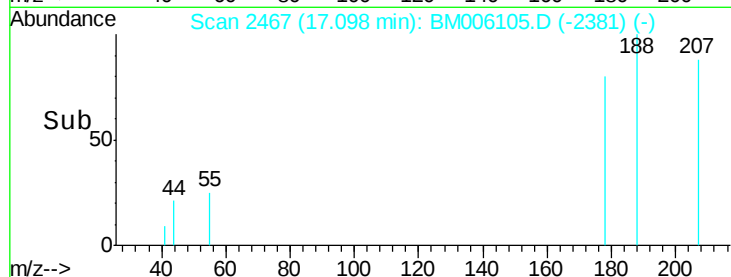
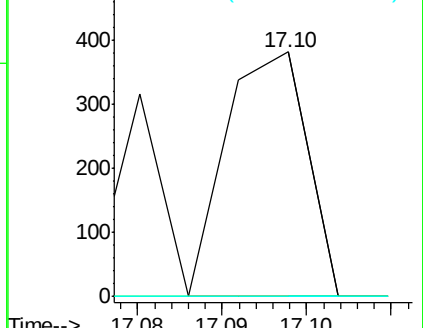
176 0.0 15.3 22.9#



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



#27

Anthracene

Concen: 0.01 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.09 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

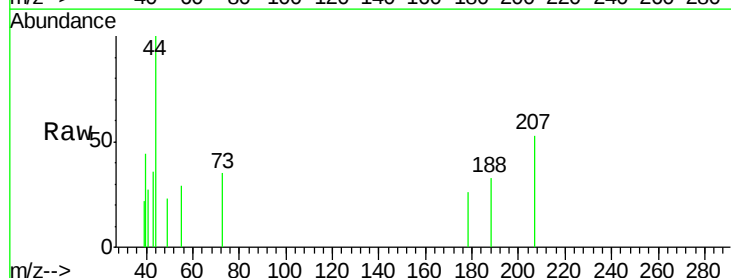
Tgt Ion:178 Resp: 253

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

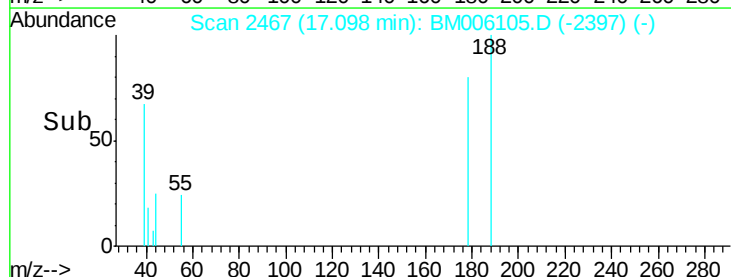
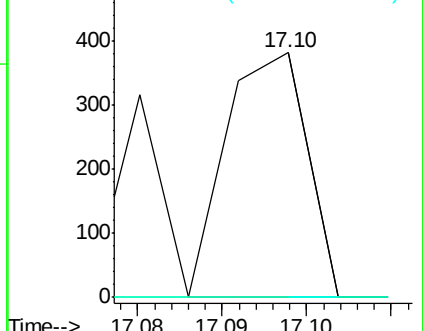
176 0.0 14.6 22.0#

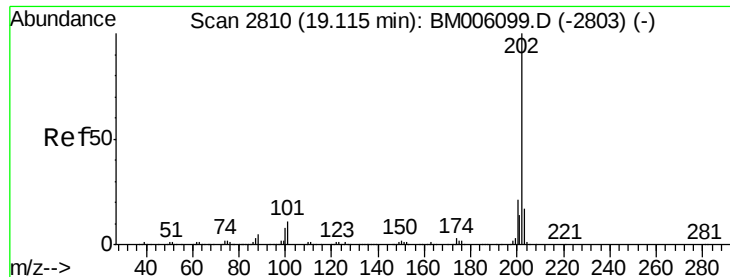


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 0.02 ng/ul

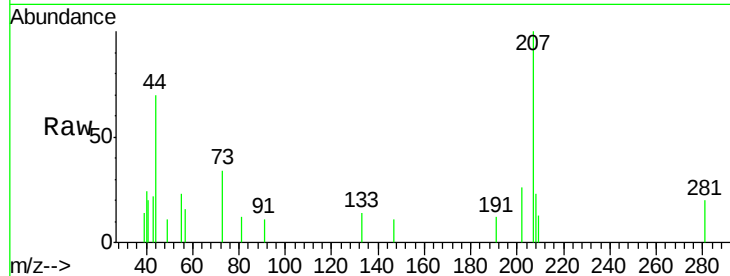
RT: 19.12 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

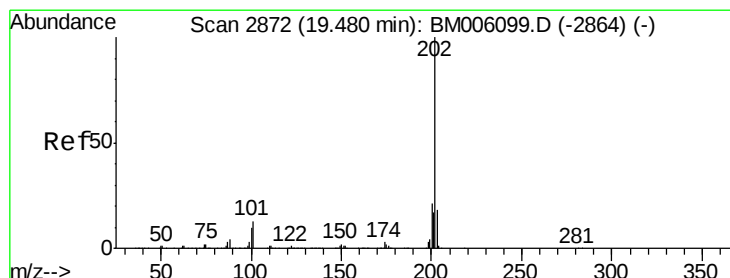
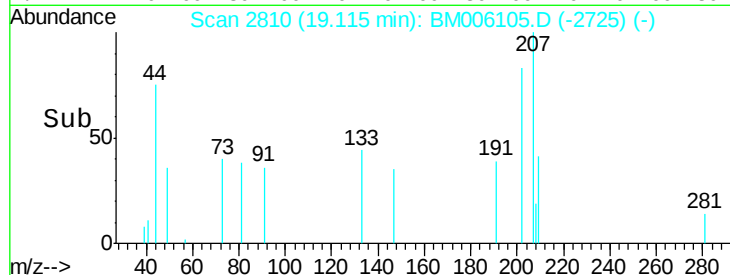
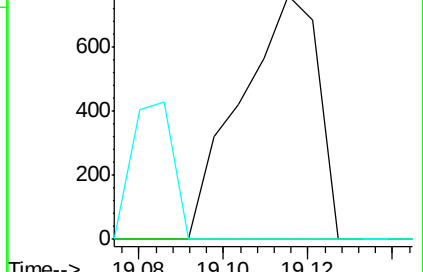
Tgt Ion:	202	Resp:	968
Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.5	12.7#
100	0.0	6.5	9.7#



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: 0.02 ng/ul

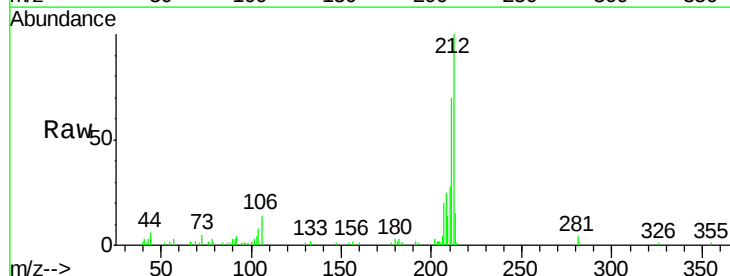
RT: 19.47 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

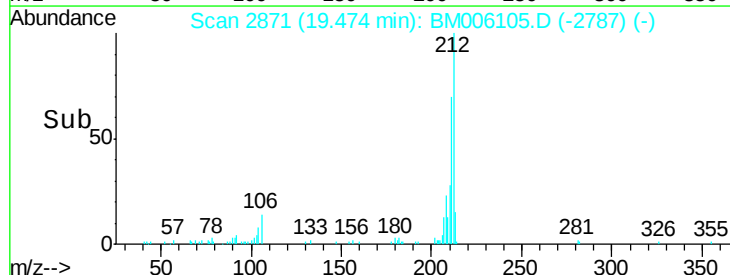
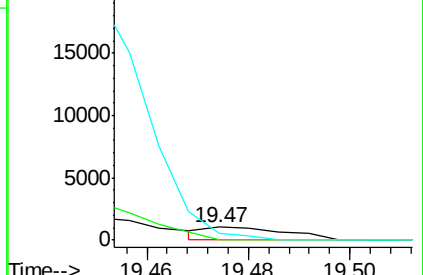
Tgt Ion:	202	Resp:	1136
Ion	Ratio	Lower	Upper
202	100		
101	0.0	11.0	16.4#
100	55.1	8.9	13.3#

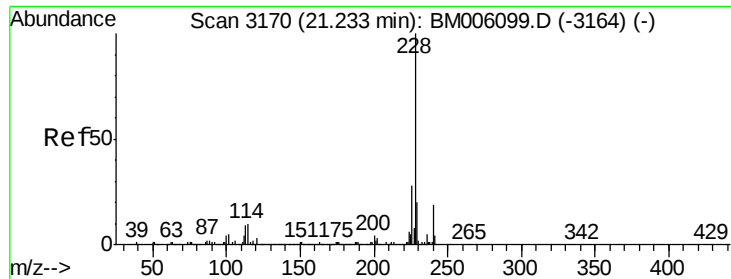


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 0.07 ng/ul

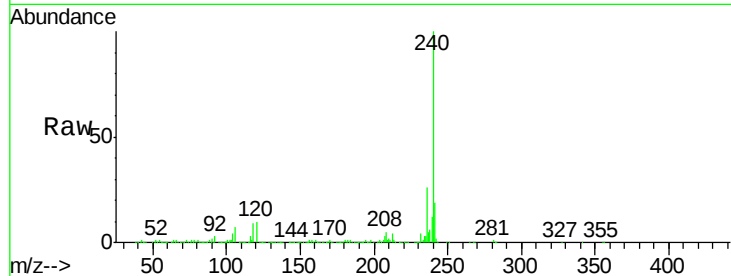
RT: 21.24 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

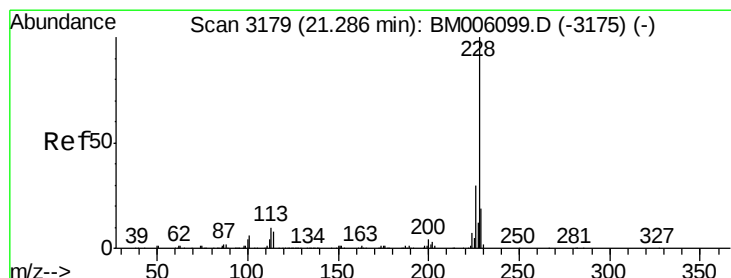
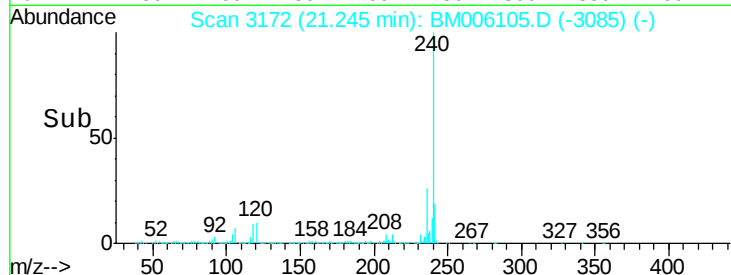
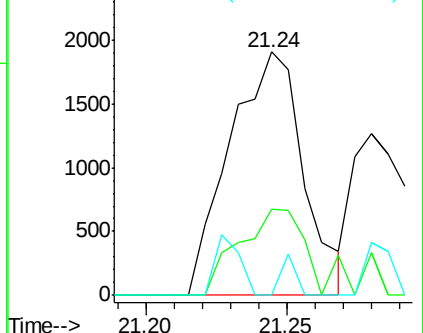
Tgt Ion:	228	Resp:	3457
Ion	Ratio	Lower	Upper
228	100		
229	35.4	15.6	23.4#
226	0.0	21.6	32.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 0.03 ng/ul

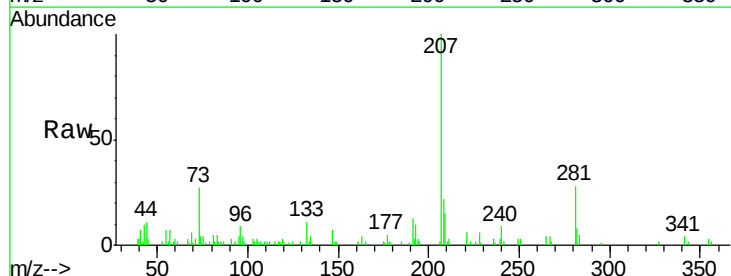
RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

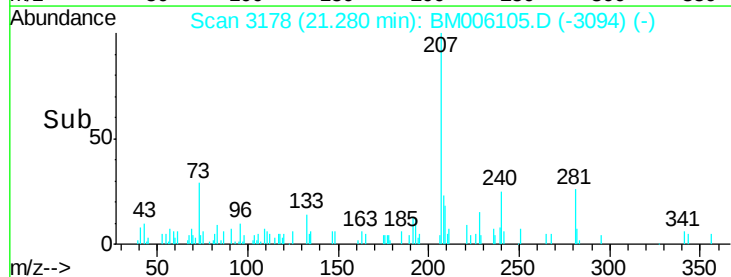
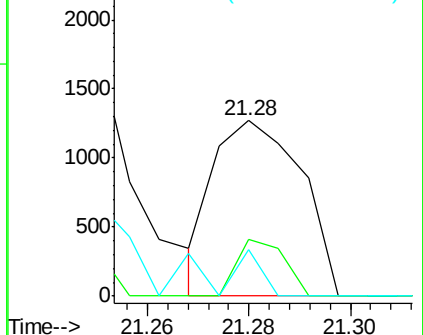
Tgt Ion:	228	Resp:	1524
Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.8	35.6
229	26.6	15.8	23.6#

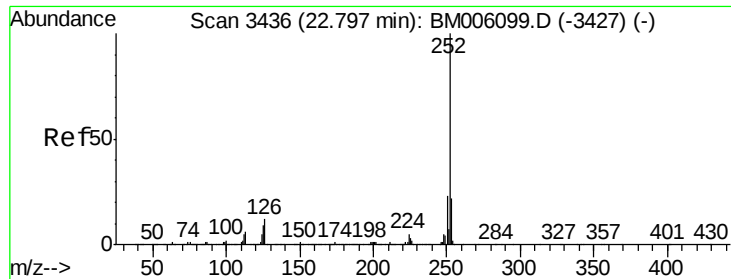


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

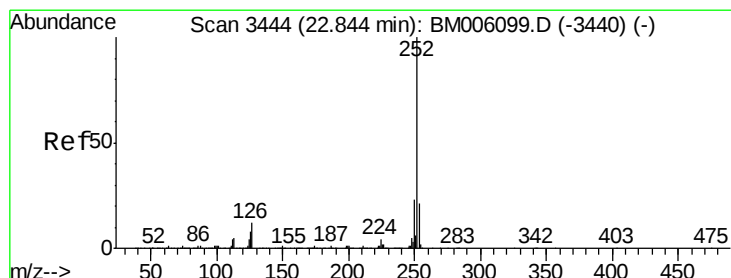
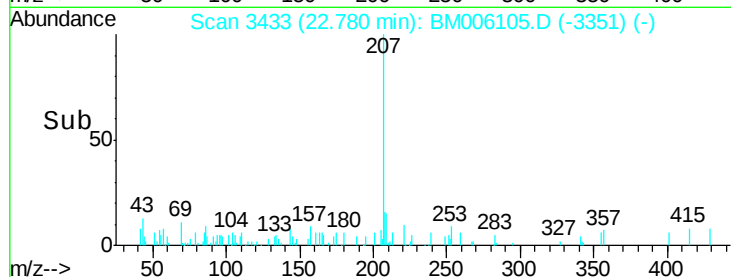
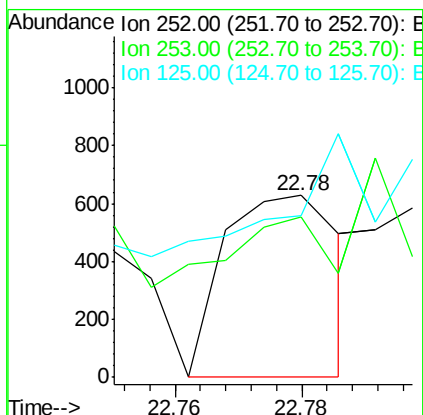
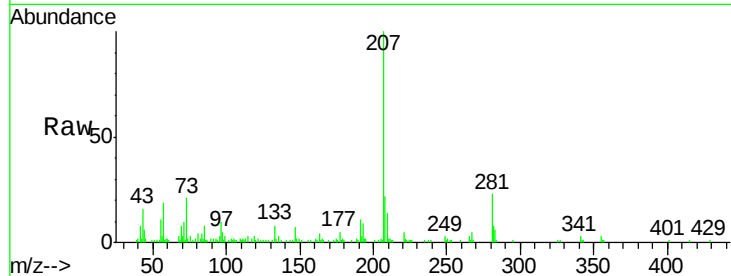
RT: 22.78 min Scan# 3433

Delta R.T. -0.02 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

Tgt Ion:	252	Resp:	792
Ion Ratio	Lower	Upper	
252	100		
253	88.5	17.2	25.8#
125	89.3	7.8	11.6#



#36

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

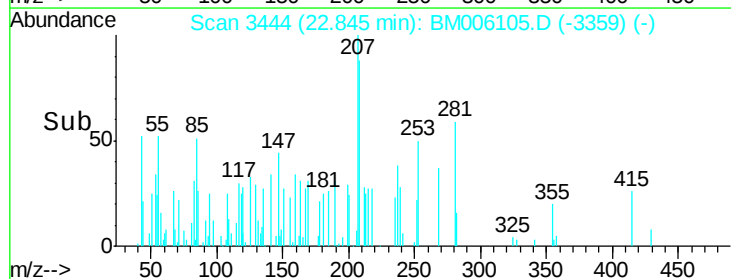
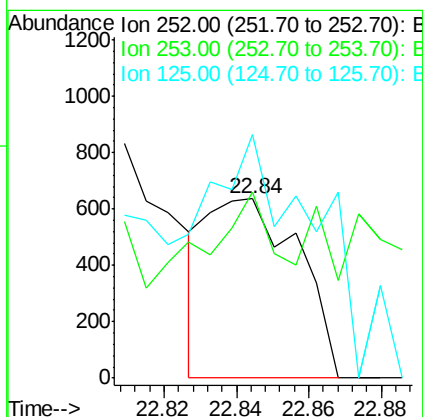
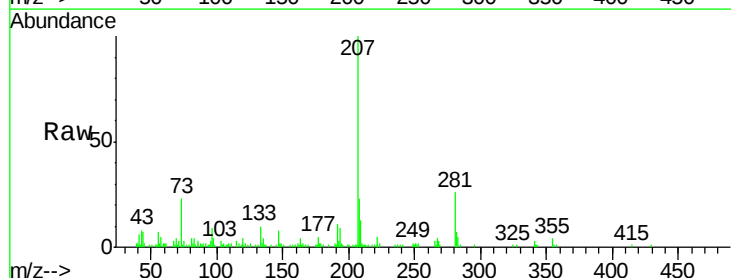
RT: 22.84 min Scan# 3444

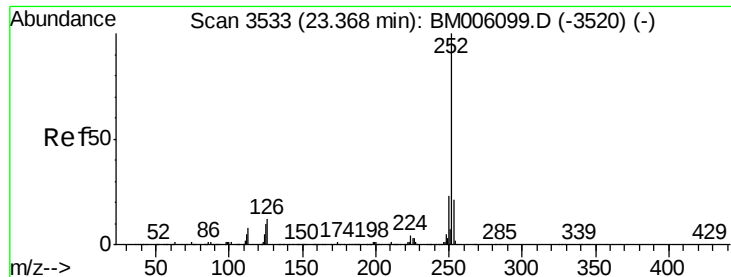
Delta R.T. 0.00 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

Tgt Ion:	252	Resp:	1118
Ion Ratio	Lower	Upper	
252	100		
253	103.8	17.6	26.4#
125	135.8	8.1	12.1#





#38

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 23.36 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

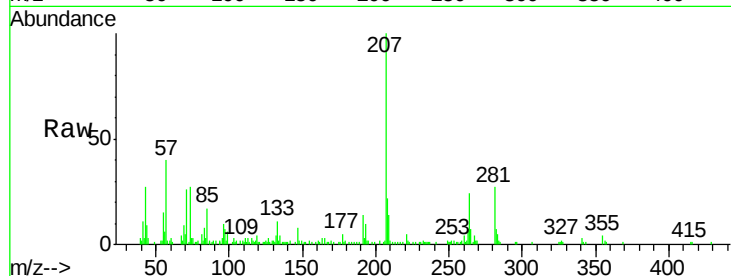
Tgt Ion: 252 Resp: 976

Ion Ratio Lower Upper

252 100

253 91.6 17.8 26.6#

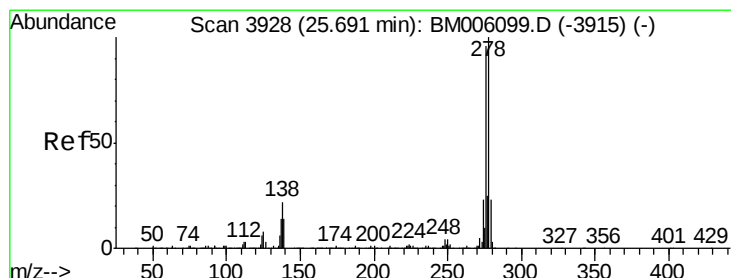
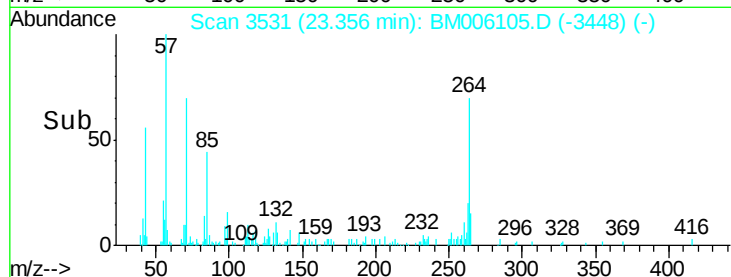
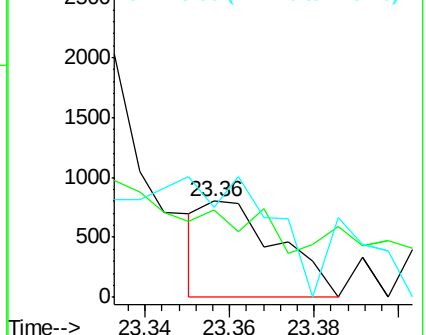
125 93.6 8.7 13.1#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.68 min Scan# 3926

Delta R.T. -0.01 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

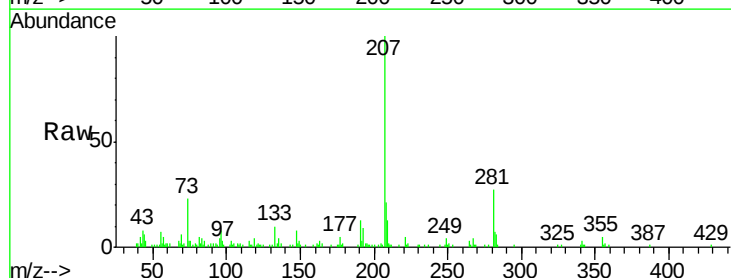
Tgt Ion: 278 Resp: 151

Ion Ratio Lower Upper

278 100

139 0.0 13.0 19.4#

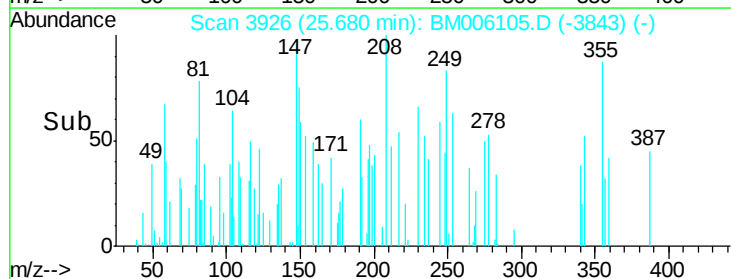
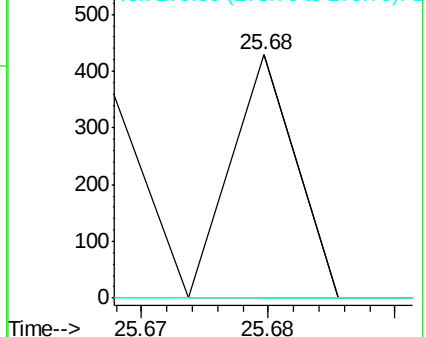
279 0.0 18.8 28.2#

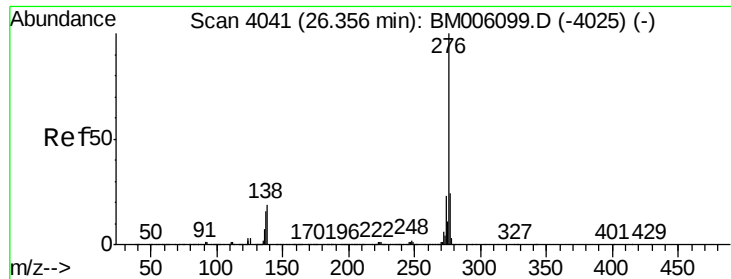


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.54 min Scan# 4073

Delta R.T. 0.19 min

Lab File: BM006105.D

Acq: 28 Jun 2016 20:50

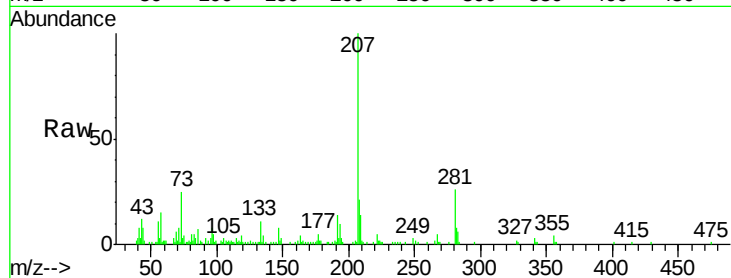
Tgt Ion: 276 Resp: 132

Ion Ratio Lower Upper

276 100

138 0.0 16.6 25.0#

277 0.0 18.9 28.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

