

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062816\
 Data File : BM006104.D
 Acq On : 28 Jun 2016 20:14
 Operator : UM/SJ
 Sample : H3779-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 29 00:59:03 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	218121	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1033908	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	610684	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1272171	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1109044	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1097087	20.00	ng/ul	0.00

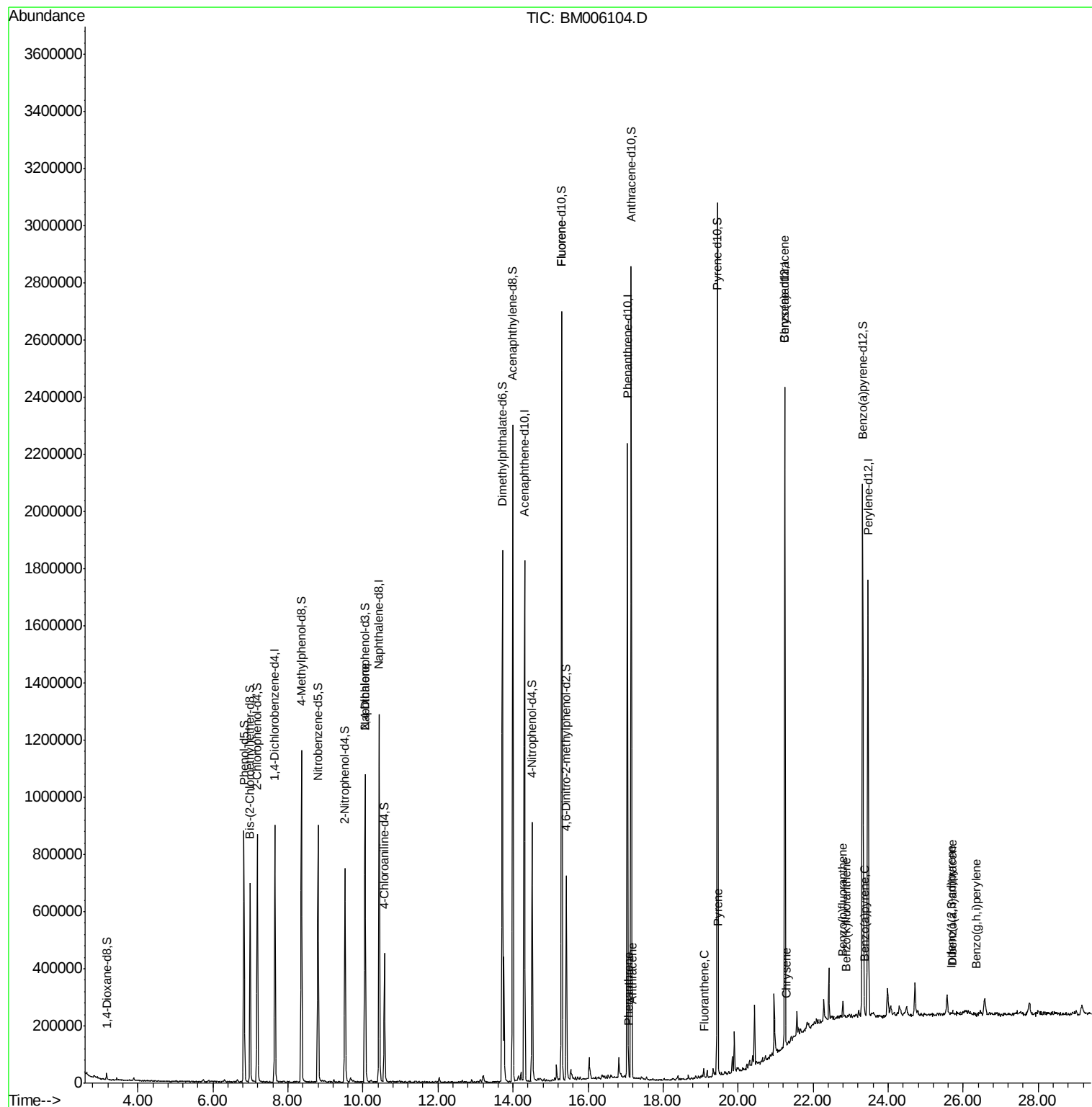
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.17	96	10201	2.17	ng/uL	0.00
3) Phenol-d5	6.83	99	483298	27.12	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	316015	30.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	372329	27.22	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	405559	28.28	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	200699	28.82	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	219827	27.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	388485	26.71	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	232374	20.22	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1276217	29.15	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1615753	30.42	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	201406	24.25	ng/ul	0.00
21) Fluorene-d10	15.30	176	1096275	29.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	134639	29.88	ng/ul	0.00
26) Anthracene-d10	17.15	188	1596268	31.28	ng/ul	0.00
30) Pyrene-d10	19.45	212	1558702	34.90	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1358254	31.11	ng/ul	0.00

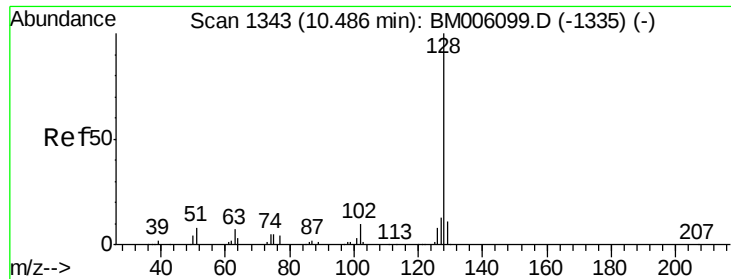
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Naphthalene	10.06	128	1918	0.04	ng/ul#	1
22) Fluorene	15.29	166	2347	0.06	ng/ul#	6
25) Phenanthrene	17.09	178	1151	0.02	ng/ul#	60
27) Anthracene	17.18	178	272	0.00	ng/ul#	61
28) Fluoranthene	19.12	202	3164	0.04	ng/ul#	74
31) Pyrene	19.47	202	2502	0.04	ng/ul#	43
32) Benzo(a)anthracene	21.24	228	4958	0.09	ng/ul#	80
33) Chrysene	21.29	228	1911	0.04	ng/ul#	86
35) Benzo(b)fluoranthene	22.80	252	1266	0.02	ng/ul#	23
36) Benzo(k)fluoranthene	22.87	252	771	0.01	ng/ul#	1
38) Benzo(a)pyrene	23.37	252	1180	0.02	ng/ul#	35
39) Indeno(1,2,3-cd)pyrene	25.68	276	671	0.01	ng/ul#	7
40) Dibenzo(a,h)anthracene	25.70	278	267	0.01	ng/ul#	56
41) Benzo(g,h,i)perylene	26.34	276	860	0.02	ng/ul#	54

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

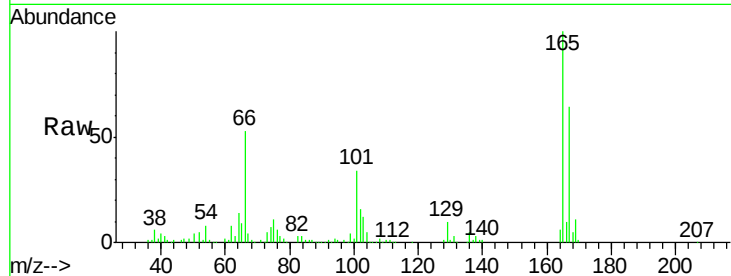
Quant Time: Jun 29 00:59:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
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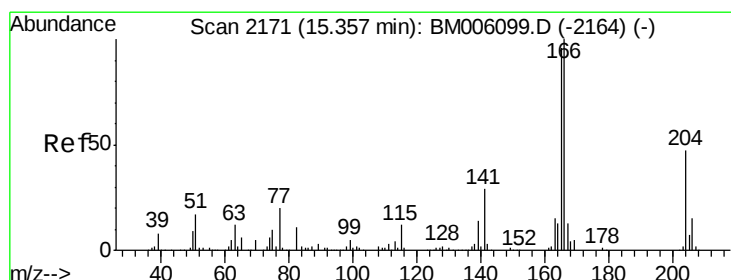
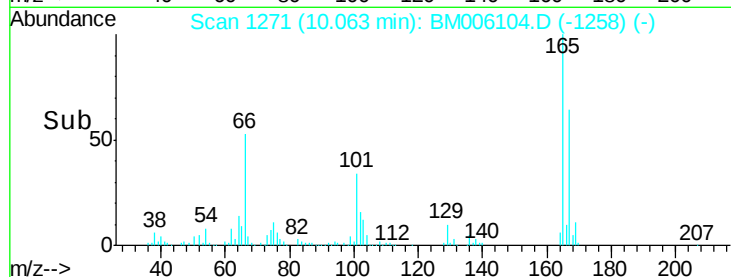
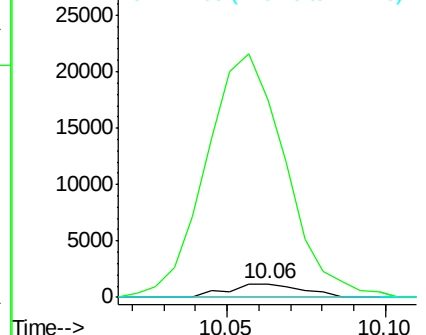


#11
Naphthalene
Concen: 0.04 ng/ul
RT: 10.06 min Scan# 1271
Delta R.T. -0.42 min
Lab File: BM006104.D
Acq: 28 Jun 2016 20:14

Tgt Ion:128 Resp: 1918
Ion Ratio Lower Upper
128 100
129 1438.0 8.9 13.3#
127 0.0 10.5 15.7#

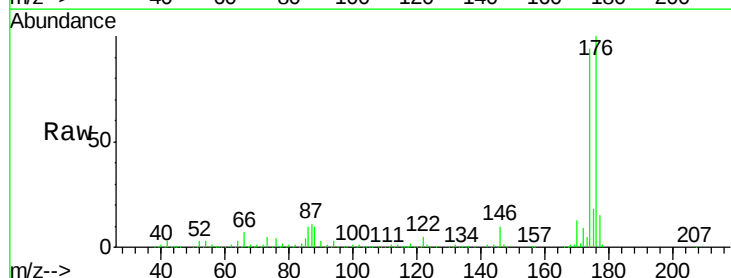


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

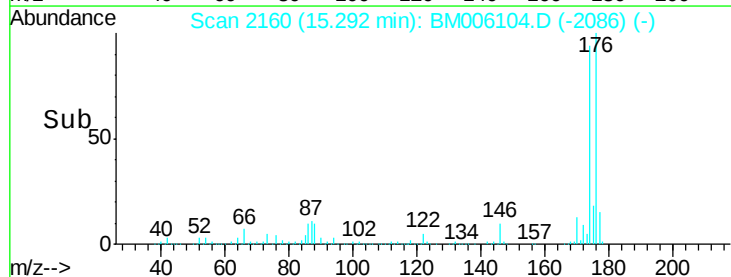
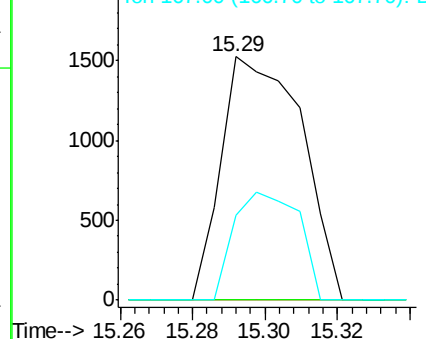


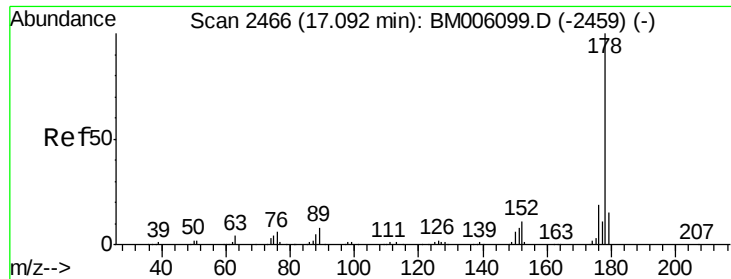
#22
Fluorene
Concen: 0.06 ng/ul
RT: 15.29 min Scan# 2160
Delta R.T. -0.06 min
Lab File: BM006104.D
Acq: 28 Jun 2016 20:14

Tgt Ion:166 Resp: 2347
Ion Ratio Lower Upper
166 100
165 0.0 78.4 117.6#
167 34.7 10.6 16.0#



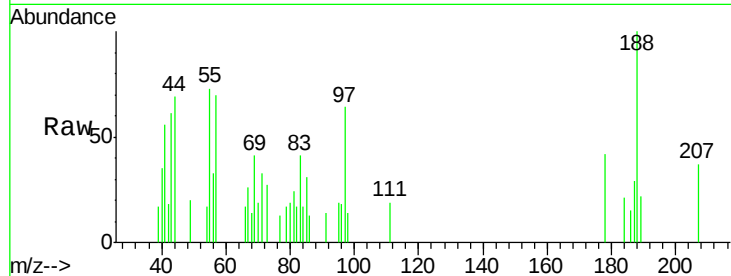
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



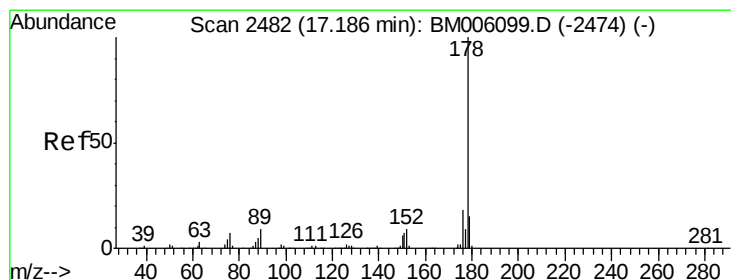
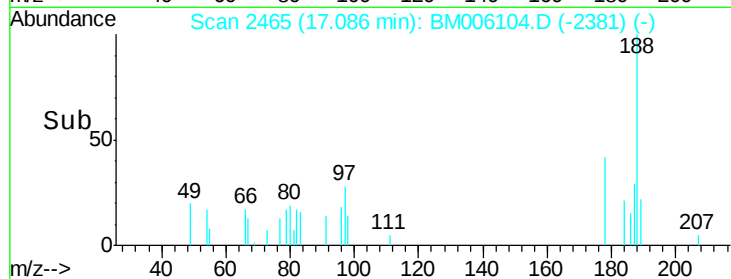
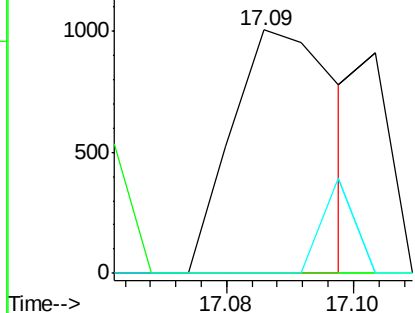


#25
Phenanthrene
Concen: 0.02 ng/ul
RT: 17.09 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BM006104.D
Acq: 28 Jun 2016 20:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.2	18.2#
176	0.0	15.3	22.9#

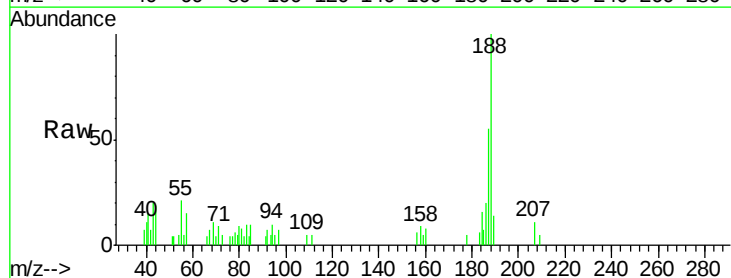


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

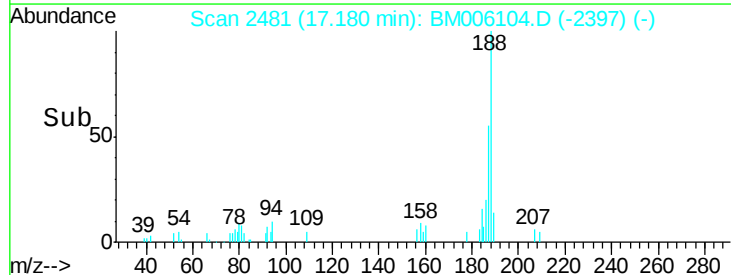
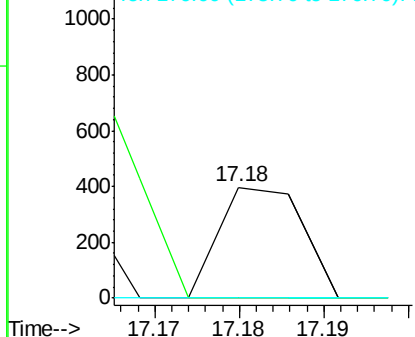


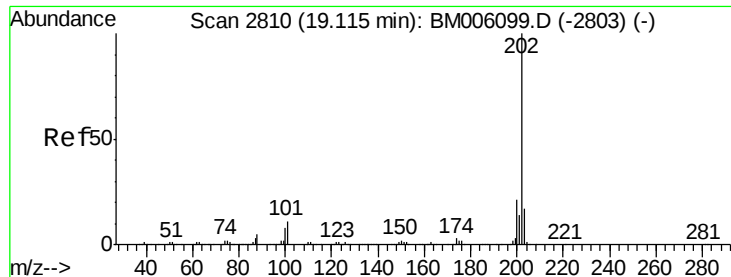
#27
Anthracene
Concen: 0.00 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM006104.D
Acq: 28 Jun 2016 20:14

Tgt 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: 0.04 ng/ul

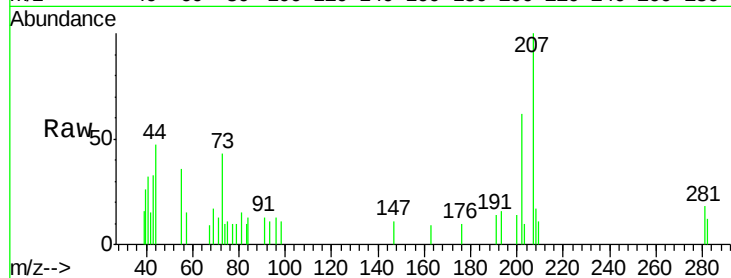
RT: 19.12 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

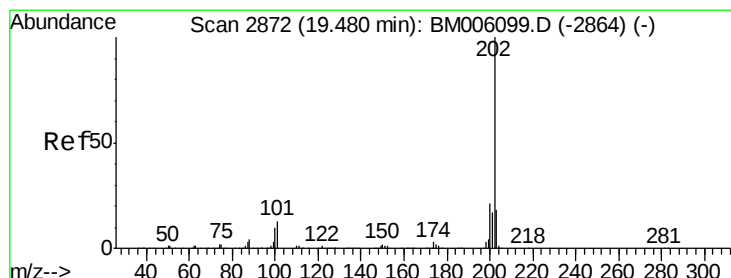
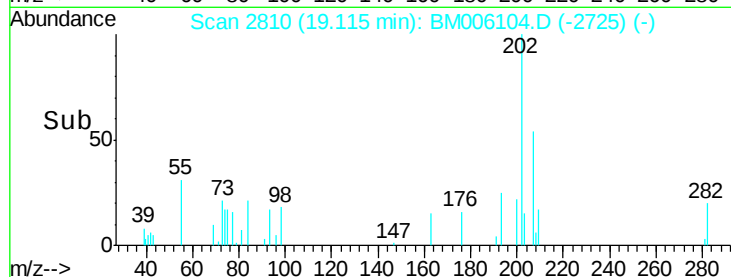
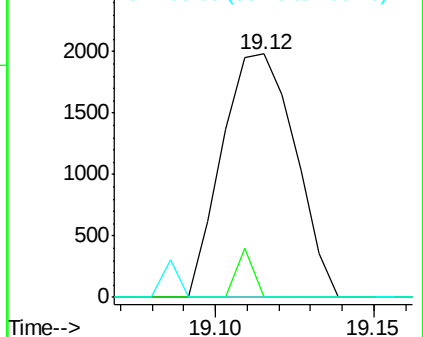
Tgt Ion:	202	Resp:	3164
Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.5	12.7#
100	0.0	6.5	9.7#



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: 0.04 ng/ul

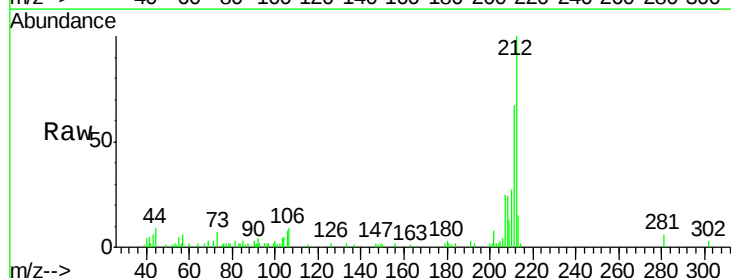
RT: 19.47 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

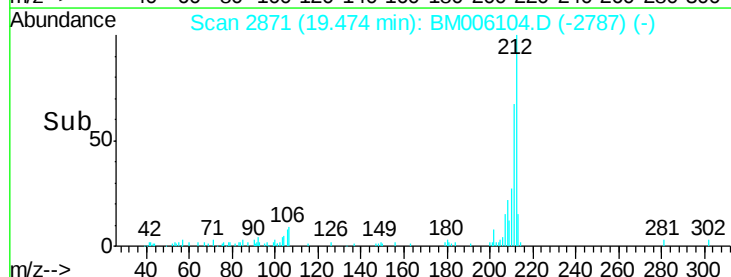
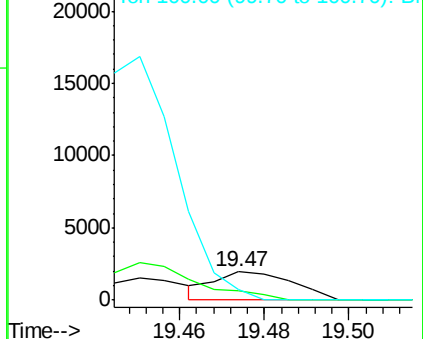
Tgt Ion:	202	Resp:	2502
Ion	Ratio	Lower	Upper
202	100		
101	32.8	11.0	16.4#
100	37.2	8.9	13.3#

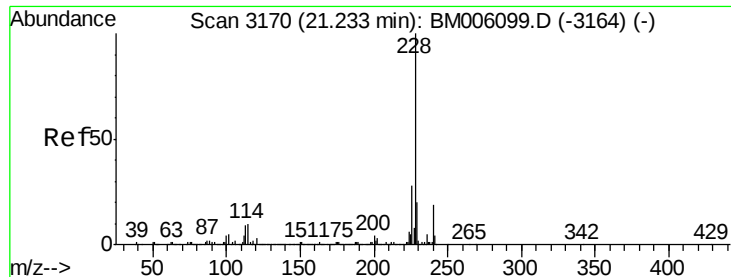


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 0.09 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

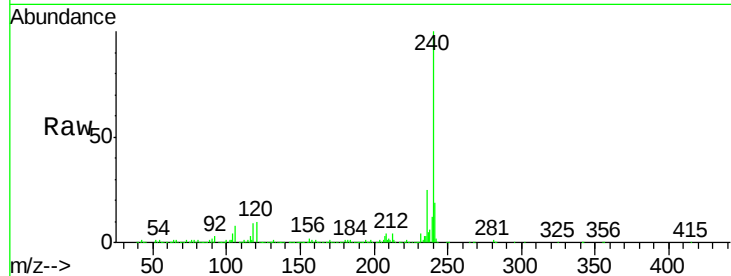
Tgt Ion:228 Resp: 4958

Ion Ratio Lower Upper

228 100

229 30.1 15.6 23.4#

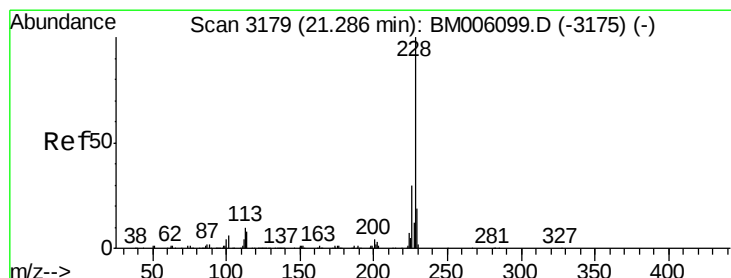
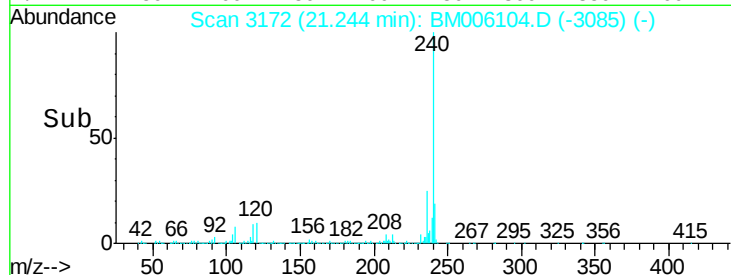
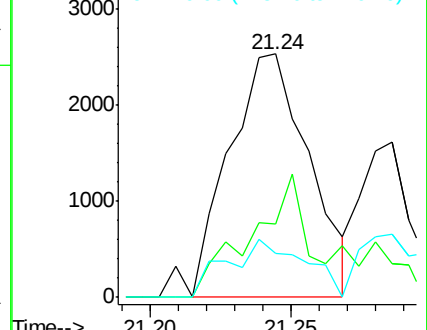
226 17.9 21.6 32.4#



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: 0.04 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

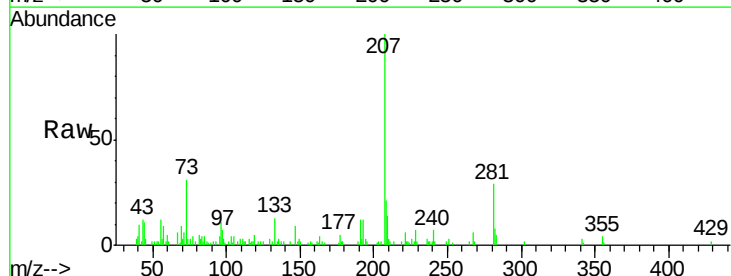
Tgt Ion:228 Resp: 1911

Ion Ratio Lower Upper

228 100

226 40.7 23.8 35.6#

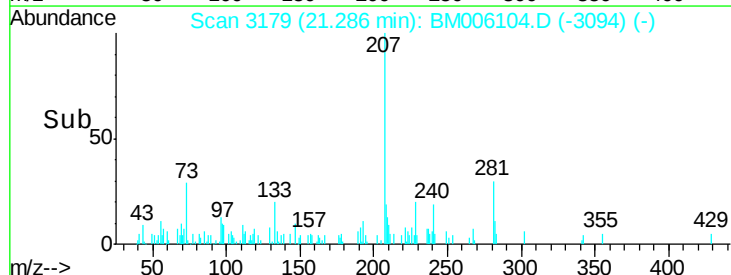
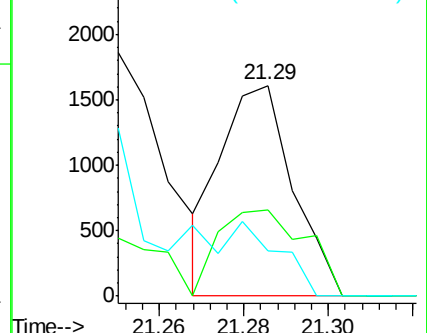
229 21.4 15.8 23.6

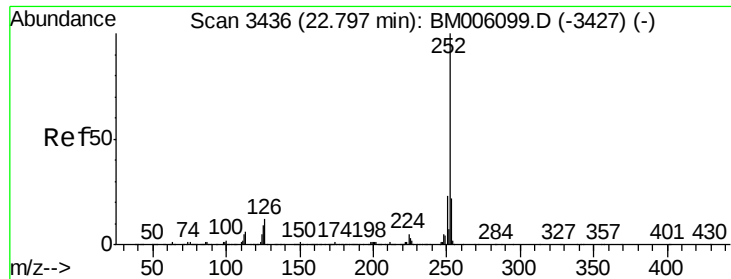


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.00 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

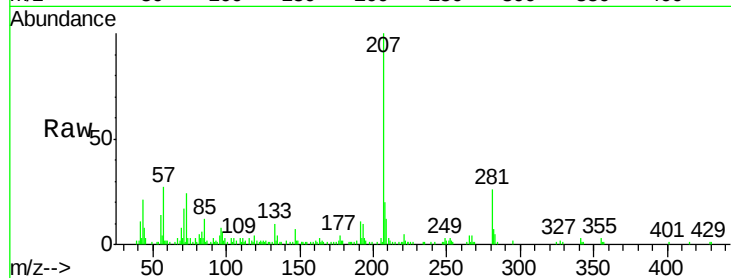
Tgt Ion:252 Resp: 1266

Ion Ratio Lower Upper

252 100

253 47.4 17.2 25.8#

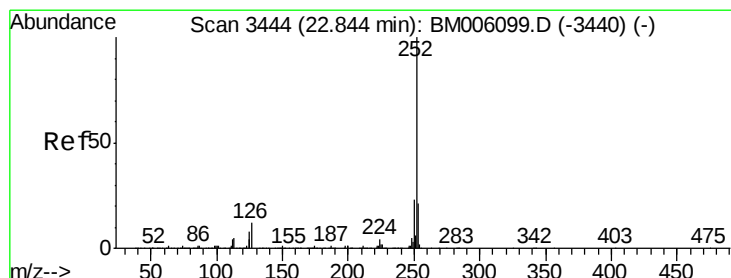
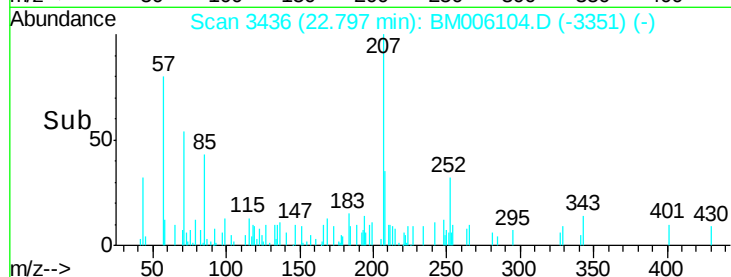
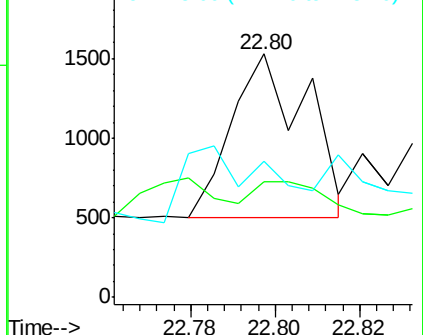
125 55.8 7.8 11.6#



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



#36

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.87 min Scan# 3449

Delta R.T. 0.03 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

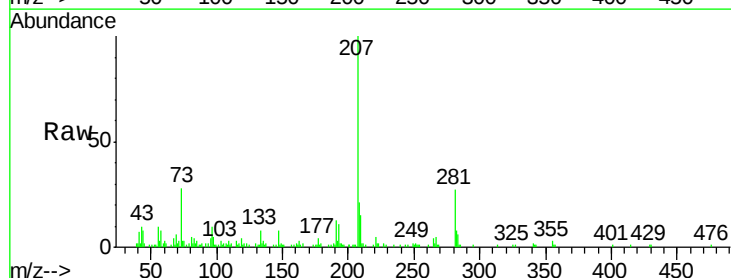
Tgt Ion:252 Resp: 771

Ion Ratio Lower Upper

252 100

253 79.5 17.6 26.4#

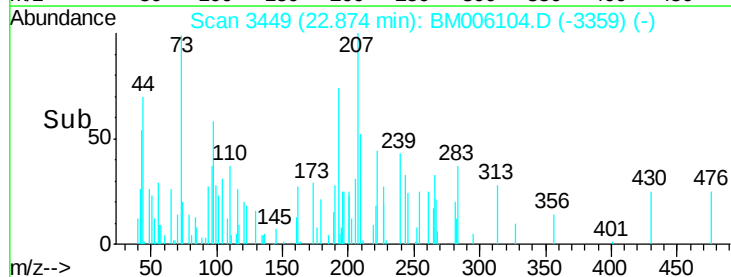
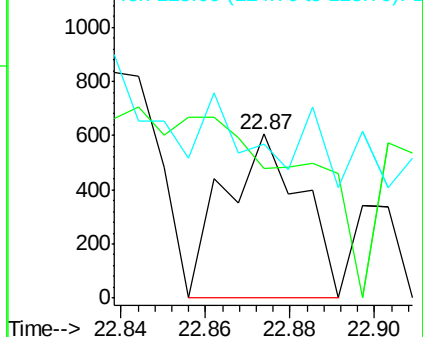
125 93.9 8.1 12.1#

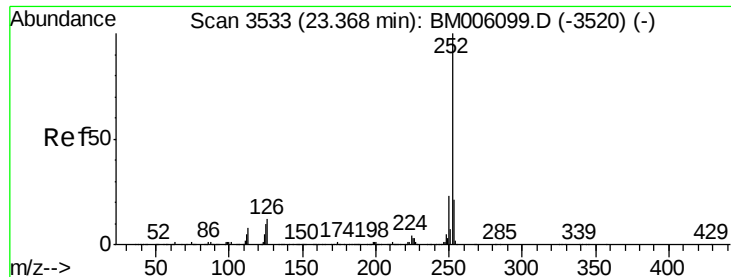


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 0.02 ng/ul

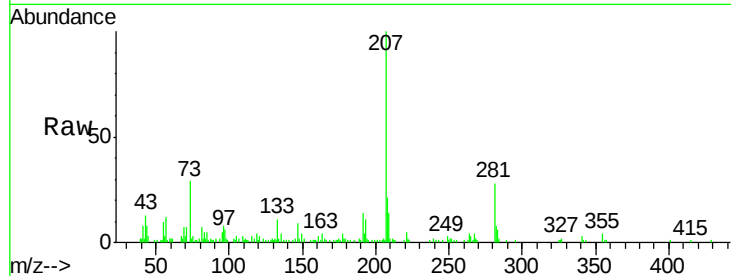
RT: 23.37 min Scan# 3534

Delta R.T. 0.01 min

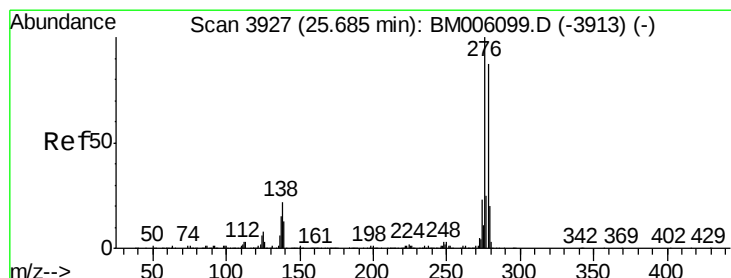
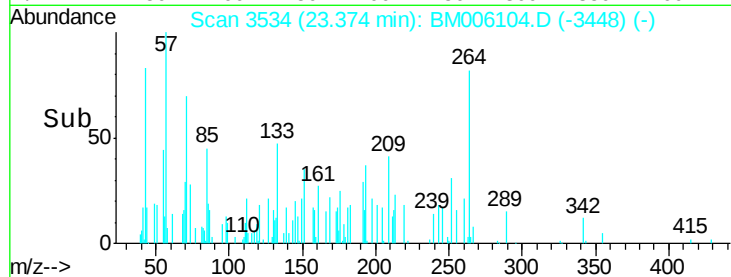
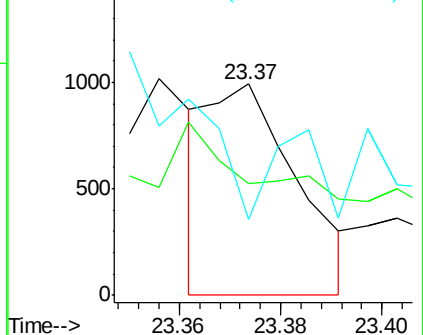
Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

Tgt Ion:	252	Resp:	1180
Ion	Ratio	Lower	Upper
252	100		
253	53.0	17.8	26.6#
125	36.2	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



#39

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

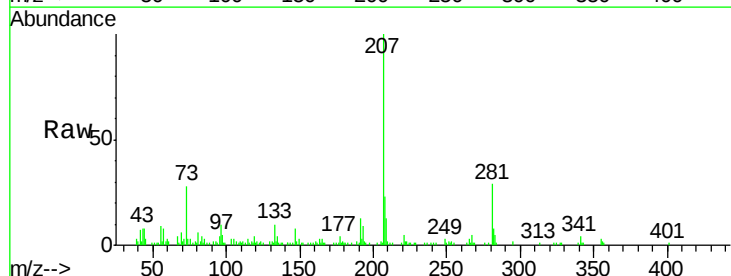
RT: 25.68 min Scan# 3926

Delta R.T. -0.01 min

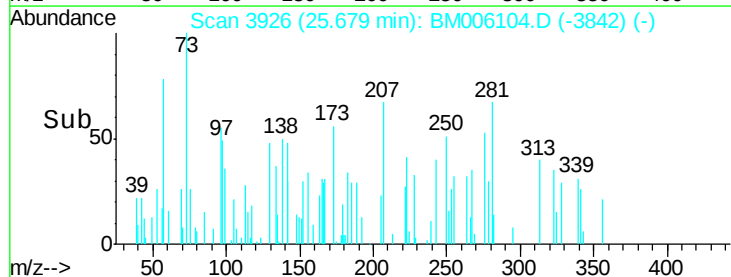
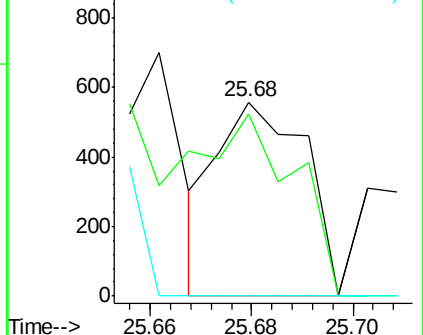
Lab File: BM006104.D

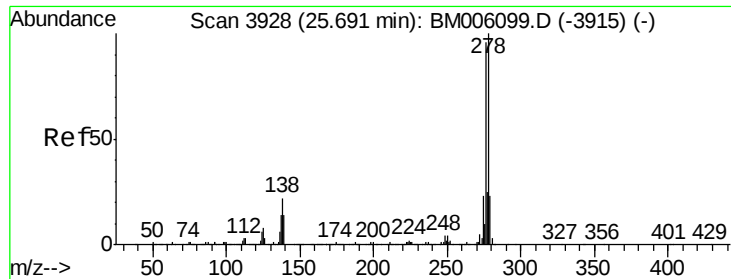
Acq: 28 Jun 2016 20:14

Tgt Ion:	276	Resp:	671
Ion	Ratio	Lower	Upper
276	100		
138	94.1	20.4	30.6#
277	0.0	20.6	30.8#



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





#40

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

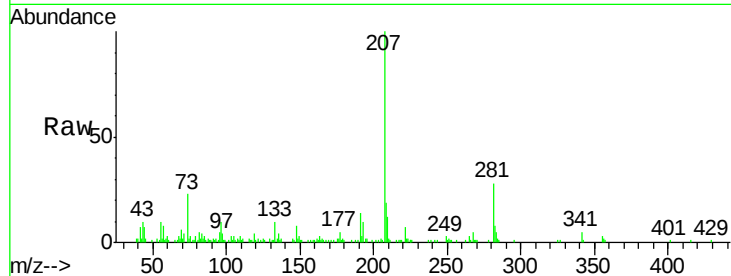
RT: 25.70 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

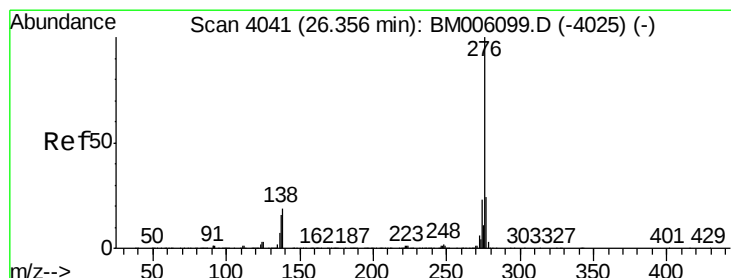
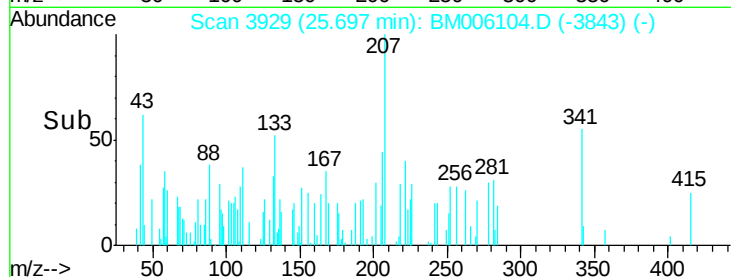
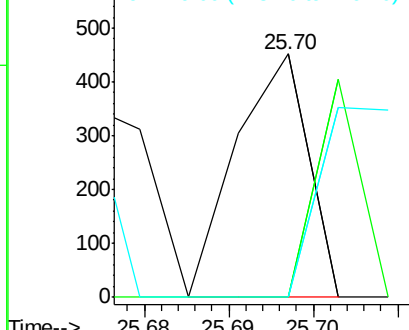
Tgt Ion:	278	Resp:	267
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	0.0	18.8	28.2#



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: 0.02 ng/ul

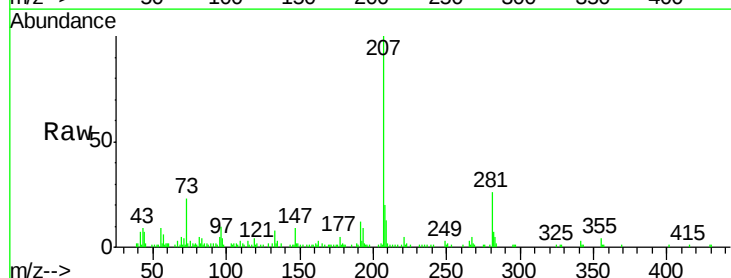
RT: 26.34 min Scan# 4039

Delta R.T. -0.01 min

Lab File: BM006104.D

Acq: 28 Jun 2016 20:14

Tgt Ion:	276	Resp:	860
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

