

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006118.D
 Acq On : 29 Jun 2016 09:53
 Operator : UM/SJ
 Sample : H3777-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z91

Quant Time: Jun 29 13:46:02 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	176251	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	817686	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	507843	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1194110	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1377993	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1211281	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.16	96	9192	2.42	ng/uL	0.00
3) Phenol-d5	6.83	99	531381	36.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	310903	36.62	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	387800	35.09	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	434632	37.51	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	202262	36.73	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	222683	35.33	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	456270	39.67	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	500660	55.07	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1463426	40.20	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1765494	39.96	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	253692	36.73	ng/ul	0.00
21) Fluorene-d10	15.30	176	1253630	40.36	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	166661	39.41	ng/ul	0.00
26) Anthracene-d10	17.15	188	1988209	41.50	ng/ul	0.00
30) Pyrene-d10	19.45	212	2277695	41.05	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	2031479	42.14	ng/ul	0.00

Target Compounds

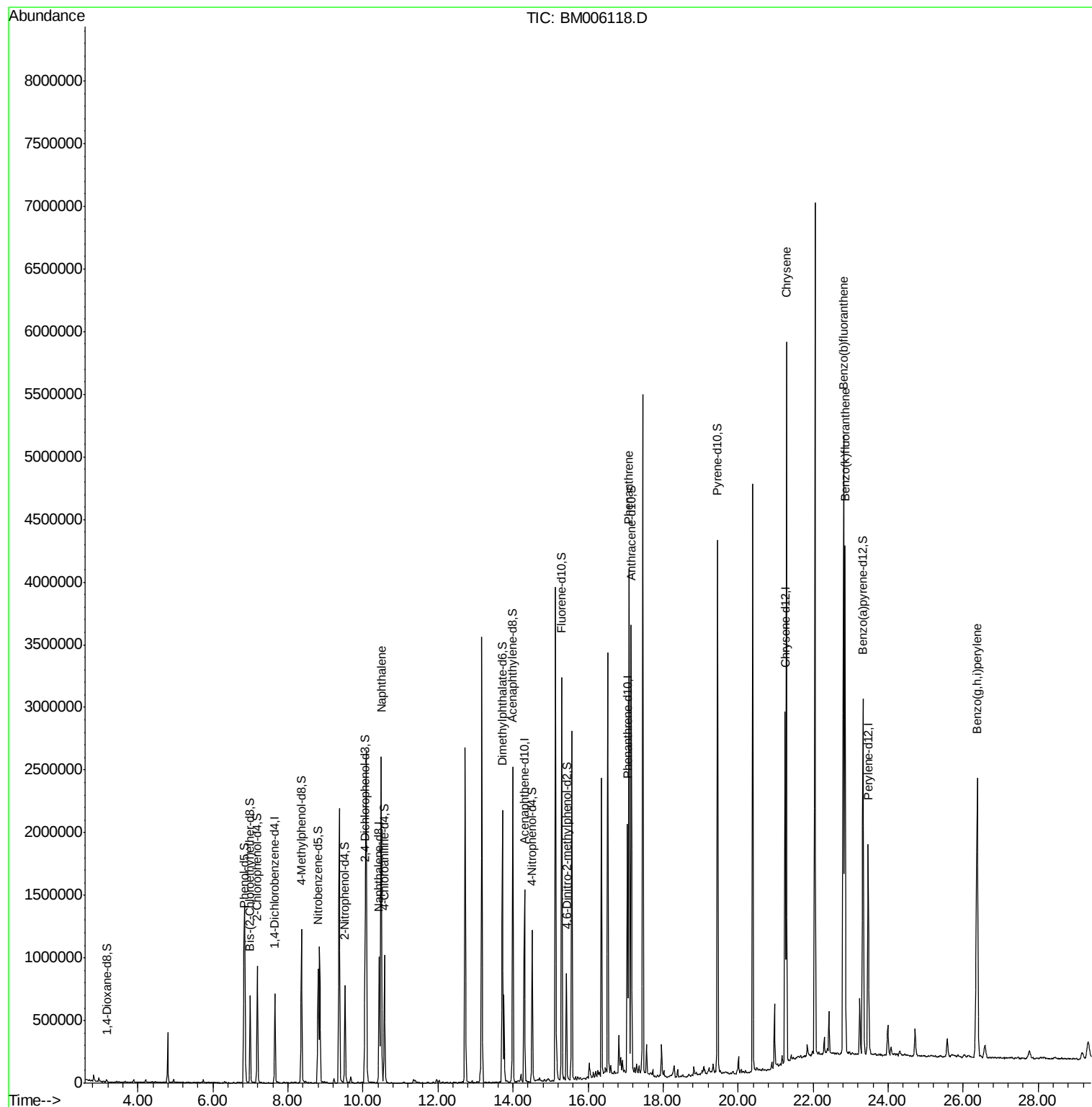
						Qvalue
11) Naphthalene	10.49	128	2067834	57.77	ng/ul	99
25) Phenanthrene	17.10	178	2510143	44.42	ng/ul	99
33) Chrysene	21.29	228	3012760	45.67	ng/ul	99
35) Benzo(b)fluoranthene	22.81	252	3913088	62.25	ng/ul	98
36) Benzo(k)fluoranthene	22.85	252	2644460	44.84	ng/ul	99
41) Benzo(g,h,i)perylene	26.37	276	2959492	57.27	ng/ul	99

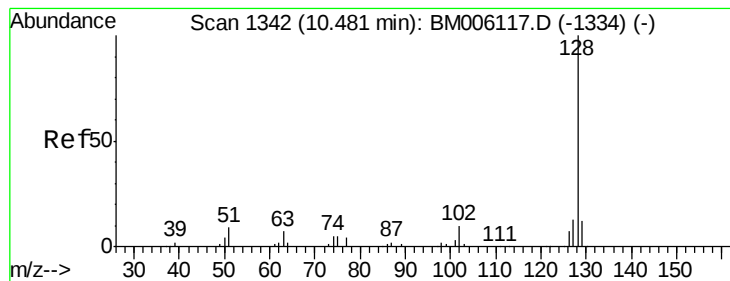
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Naphthalene

Concen: 57.77 ng/ul

RT: 10.49 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM006118.D

Acq: 29 Jun 2016 09:53

Instrument :

BNA_M

ClientSampleId :

D9Z91

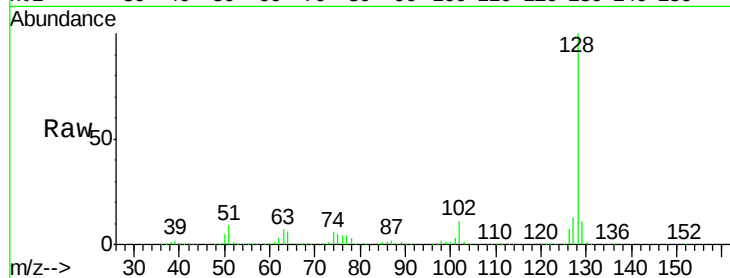
Tgt Ion:128 Resp: 2067834

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

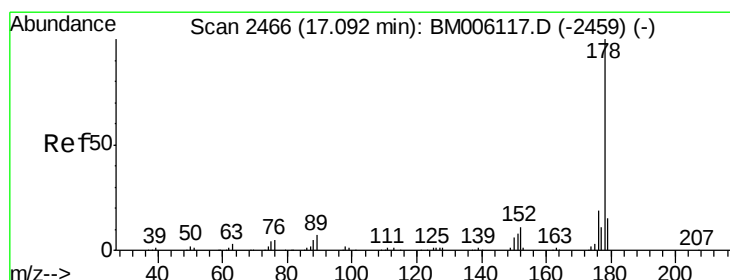
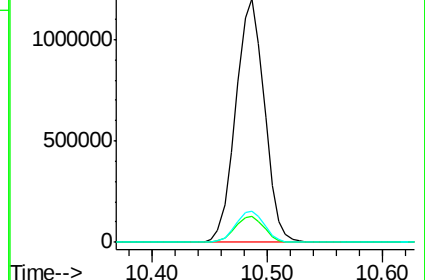
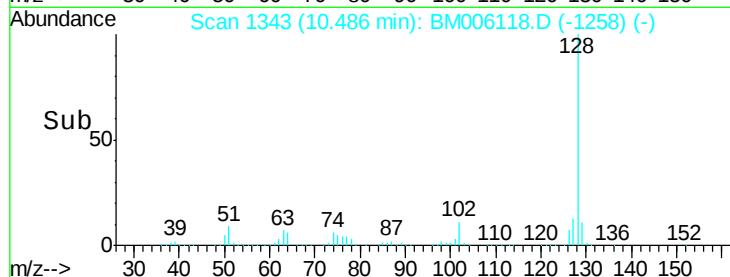
127 12.9 10.5 15.7



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



#25

Phenanthrene

Concen: 44.42 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BM006118.D

Acq: 29 Jun 2016 09:53

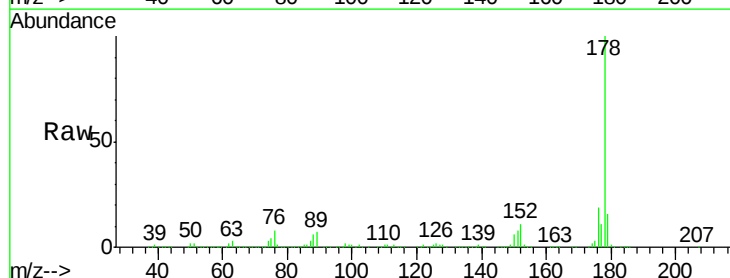
Tgt Ion:178 Resp: 2510143

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

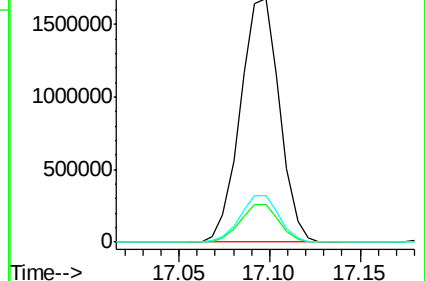
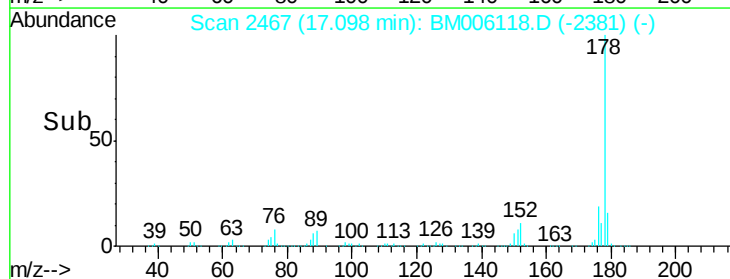
176 19.2 15.3 22.9

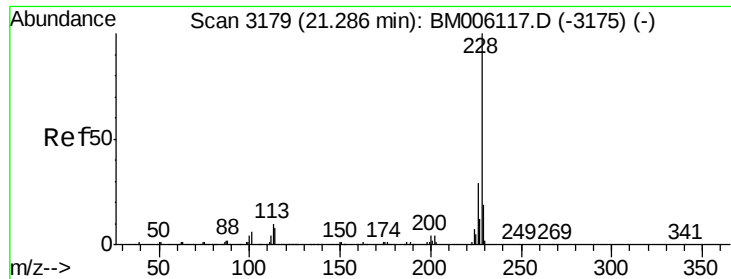


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#33

Chrysene

Concen: 45.67 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BM006118.D

Acq: 29 Jun 2016 09:53

Instrument :

BNA_M

ClientSampleId :

D9Z91

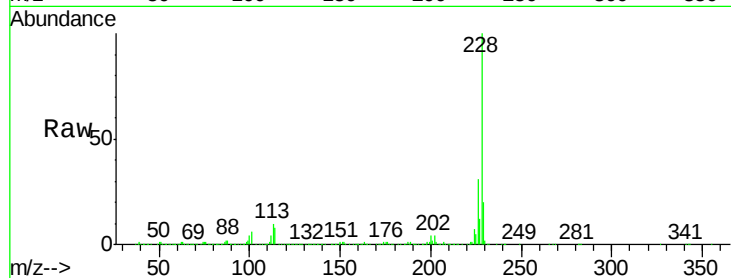
Tgt Ion:228 Resp: 3012760

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

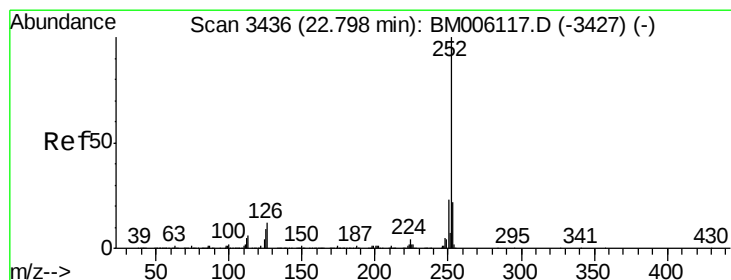
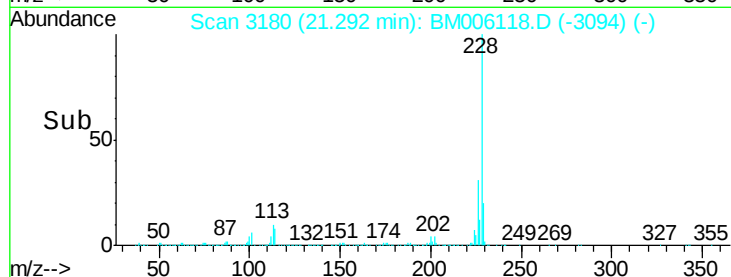
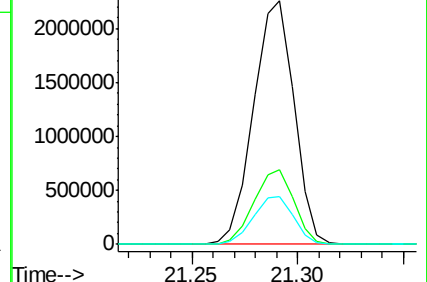
229 19.7 15.8 23.6



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: 62.25 ng/ul

RT: 22.81 min Scan# 3438

Delta R.T. 0.01 min

Lab File: BM006118.D

Acq: 29 Jun 2016 09:53

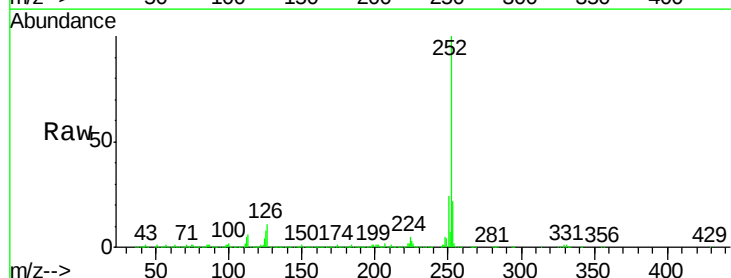
Tgt Ion:252 Resp: 3913088

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

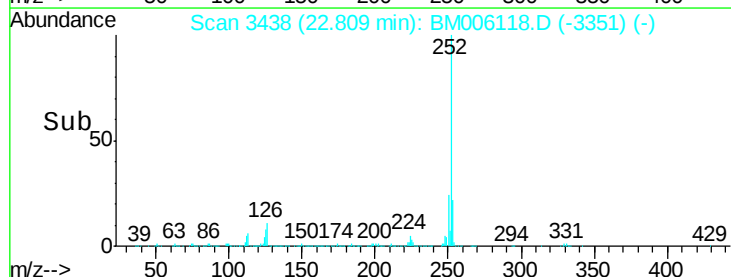
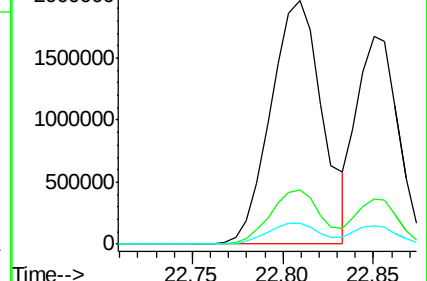
125 8.5 7.8 11.6

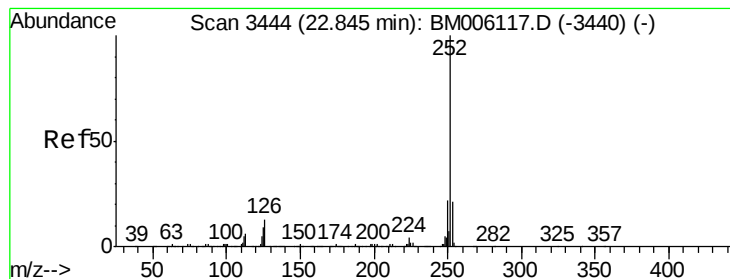


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 44.84 ng/ul

RT: 22.85 min Scan# 3445

Delta R.T. 0.01 min

Lab File: BM006118.D

Acq: 29 Jun 2016 09:53

Instrument :

BNA_M

ClientSampleId :

D9Z91

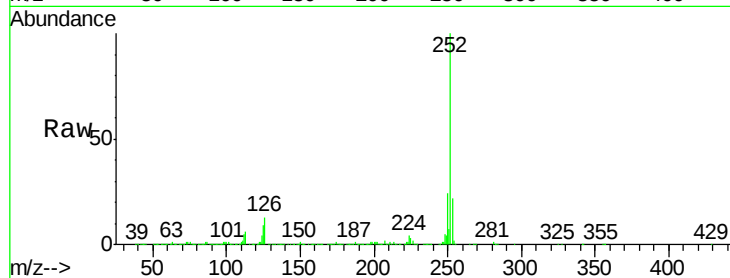
Tgt Ion:252 Resp: 2644460

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

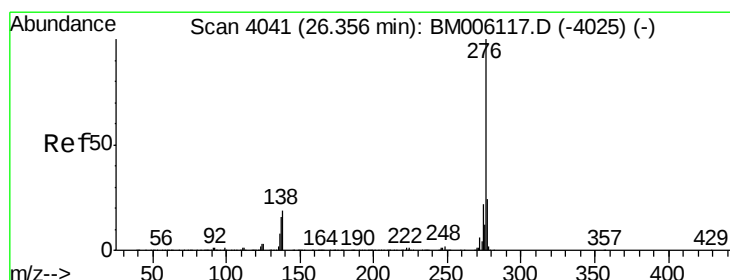
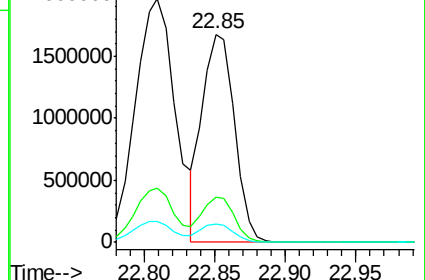
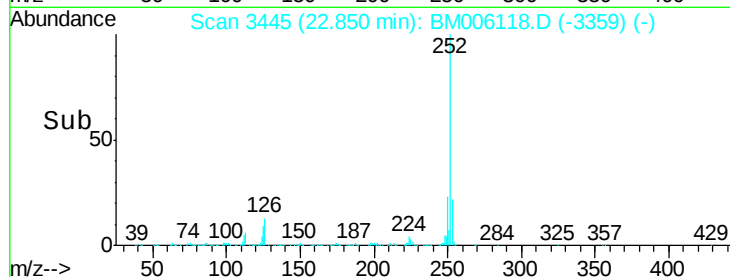
125 8.9 8.1 12.1



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



#41

Benzo(g,h,i)perylene

Concen: 57.27 ng/ul

RT: 26.37 min Scan# 4044

Delta R.T. 0.02 min

Lab File: BM006118.D

Acq: 29 Jun 2016 09:53

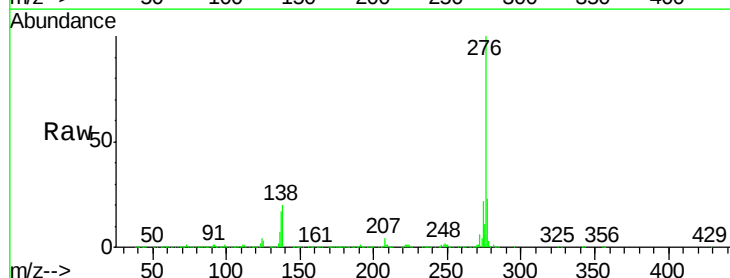
Tgt Ion:276 Resp: 2959492

Ion Ratio Lower Upper

276 100

138 19.7 16.6 25.0

277 23.3 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

