

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008306.D
 Acq On : 14 Dec 2016 12:54
 Operator : UM/SJ
 Sample : H5976-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8P2

Quant Time: Dec 14 13:41:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 05:32:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	117715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	471270	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	316021	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	655476	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	857054	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	849726	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	2432	0.97	ng/uL	0.00
5) Phenol-d5	6.87	99	46980	5.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	133519	25.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	144531	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	96112	13.59	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	94981	27.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	105864	28.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	178798	25.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	17235	2.17	ng/ul	0.03
43) Dimethylphthalate-d6	13.73	166	665480	31.68	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	750452	30.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	13864	4.48	ng/ul	0.04
57) Fluorene-d10	15.31	176	570631	31.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	102264	26.21	ng/ul	0.00
70) Anthracene-d10	17.16	188	919812	32.21	ng/ul	0.00
76) Pyrene-d10	19.46	212	1140868	34.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1193604	33.45	ng/ul	0.00

Target Compounds

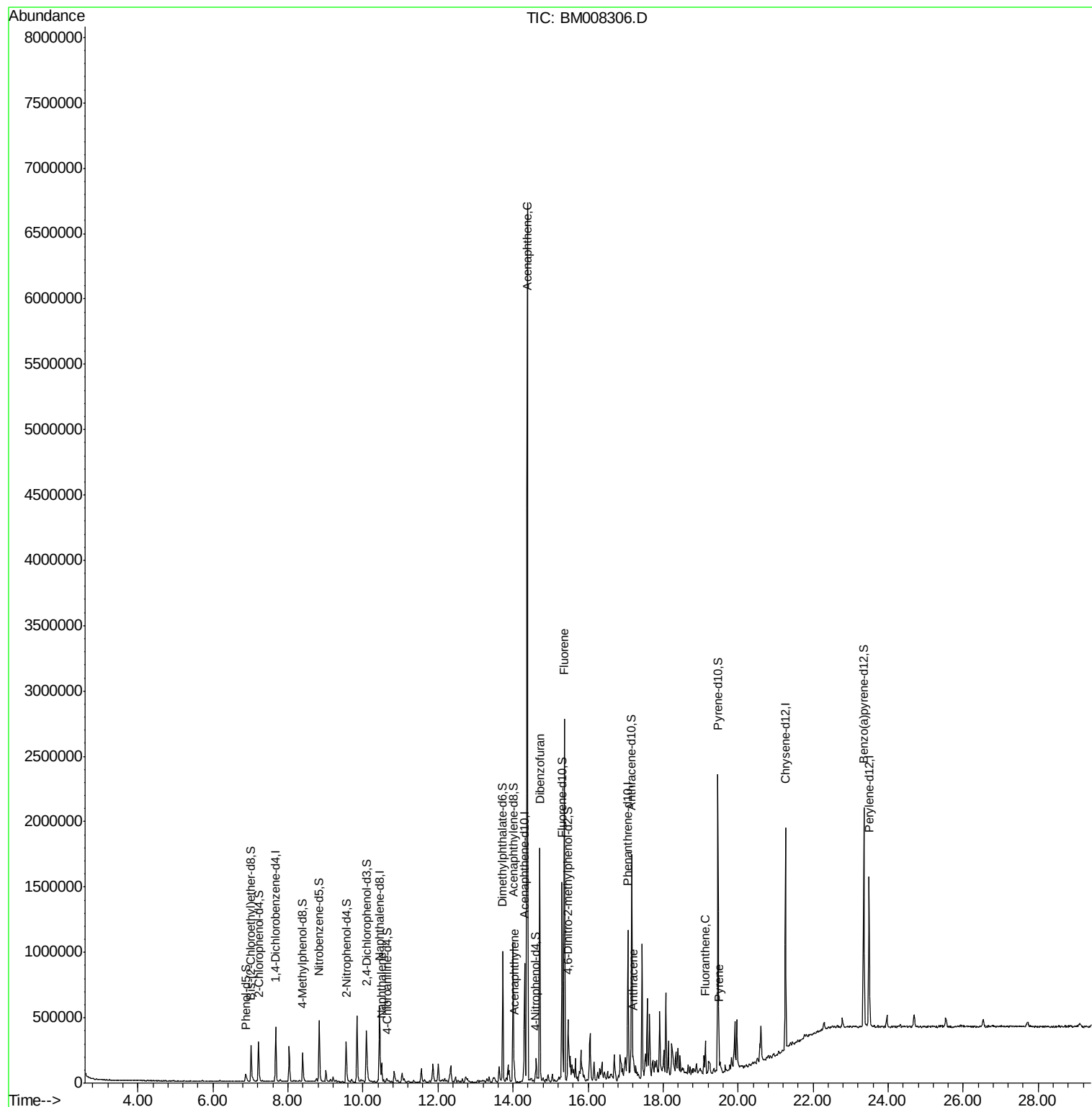
						Qvalue
28) Naphthalene	10.50	128	99693	4.47	ng/ul	97
47) Acenaphthylene	14.03	152	70778	2.80	ng/ul	98
49) Acenaphthene	14.38	153	2721014	156.71	ng/ul	99
53) Dibenzofuran	14.72	168	1133628	44.79	ng/ul	100
58) Fluorene	15.37	166	1199257	57.69	ng/ul	98
71) Anthracene	17.20	178	79490	2.33	ng/ul	98
74) Fluoranthene	19.13	202	146848	3.56	ng/ul	98
77) Pyrene	19.49	202	63426	1.51	ng/ul	98

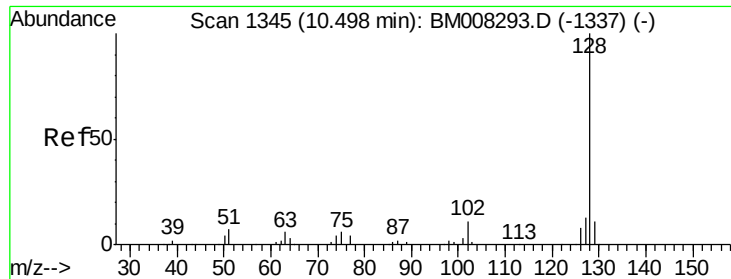
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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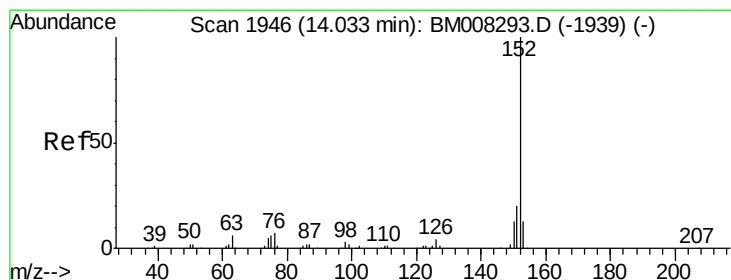
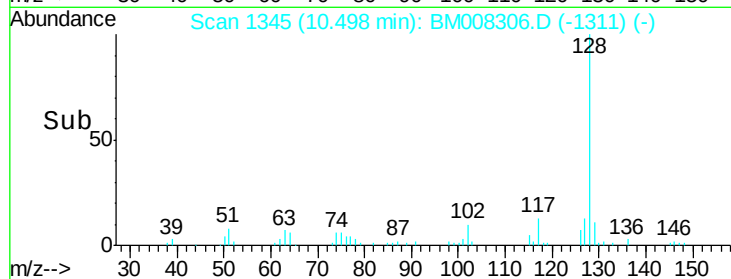
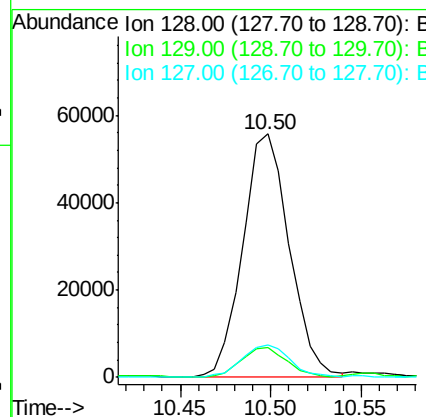
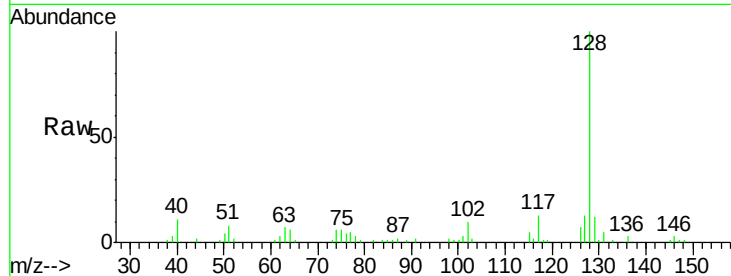




#28
Naphthalene
Concen: 4.47 ng/ul
RT: 10.50 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BM008306.D
Acq: 14 Dec 2016 12:54

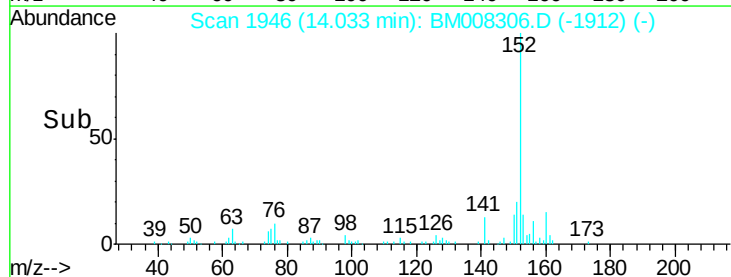
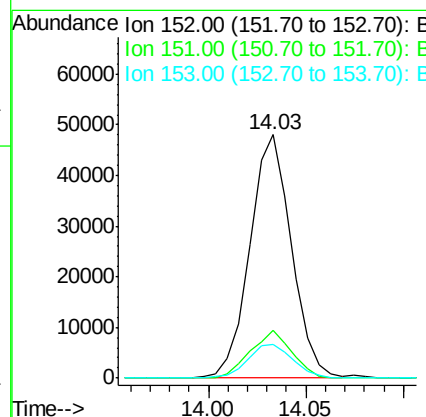
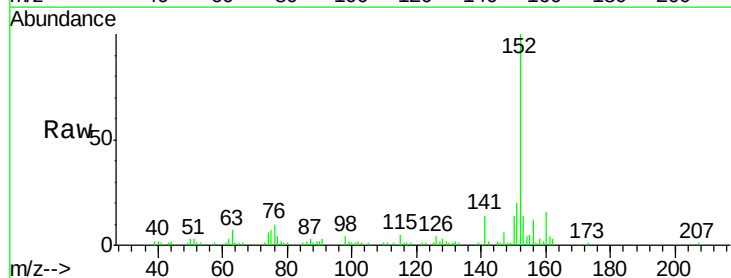
Instrument :
BNA_M
ClientSampleId :
DA8P2

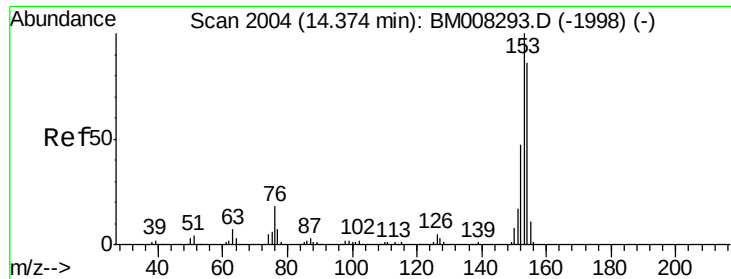
Tgt Ion:128 Resp: 99693
Ion Ratio Lower Upper
128 100
129 12.4 8.4 12.6
127 13.4 10.4 15.6



#47
Acenaphthylene
Concen: 2.80 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM008306.D
Acq: 14 Dec 2016 12:54

Tgt Ion:152 Resp: 70778
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9
153 13.9 9.9 14.9





#49

Acenaphthene

Concen: 156.71 ng/ul

RT: 14.38 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BM008306.D

Acq: 14 Dec 2016 12:54

Instrument :

BNA_M

ClientSampleId :

DA8P2

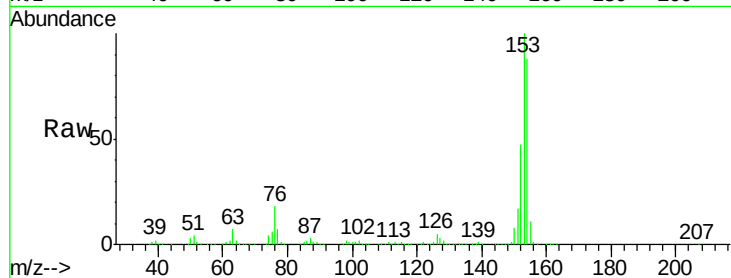
Tgt Ion:153 Resp: 2721014

Ion Ratio Lower Upper

153 100

152 46.6 36.6 54.8

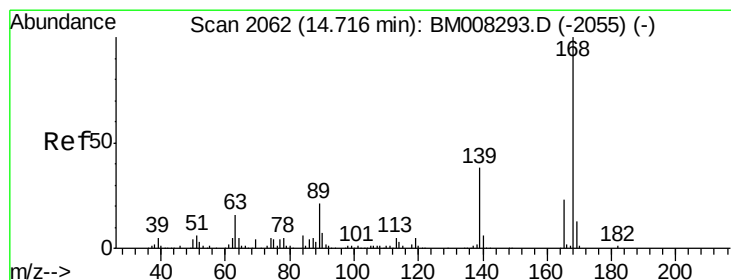
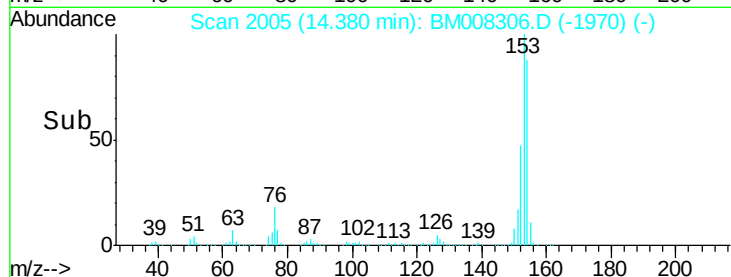
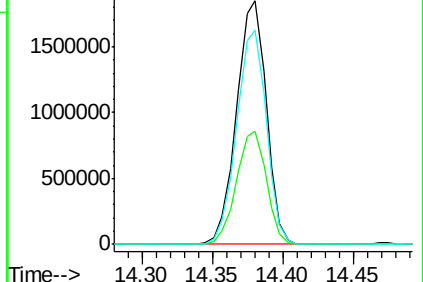
154 88.2 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 44.79 ng/ul

RT: 14.72 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM008306.D

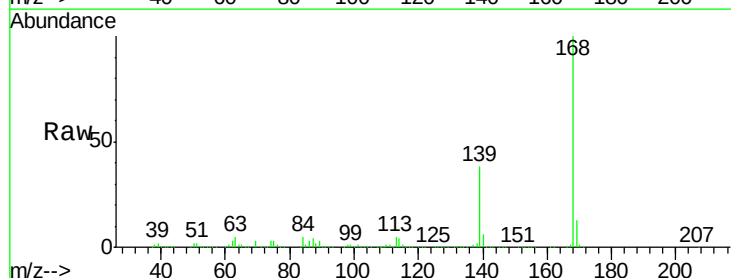
Acq: 14 Dec 2016 12:54

Tgt Ion:168 Resp: 1133628

Ion Ratio Lower Upper

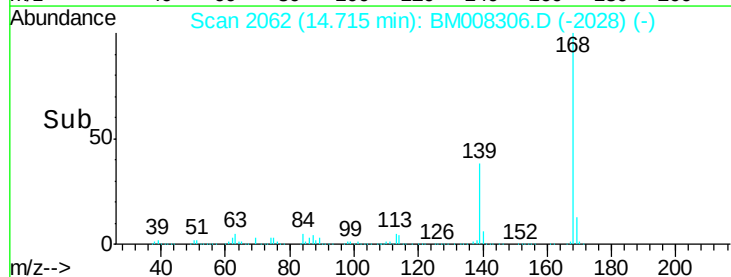
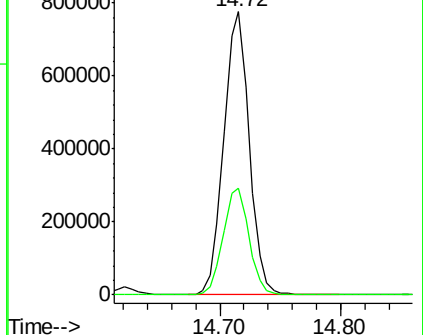
168 100

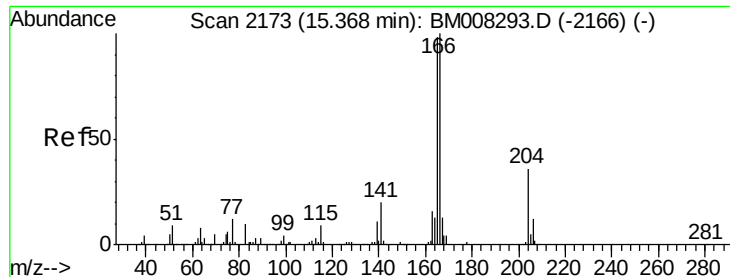
139 37.9 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 57.69 ng/ul

RT: 15.37 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BM008306.D

Acq: 14 Dec 2016 12:54

Instrument :

BNA_M

ClientSampleId :

DA8P2

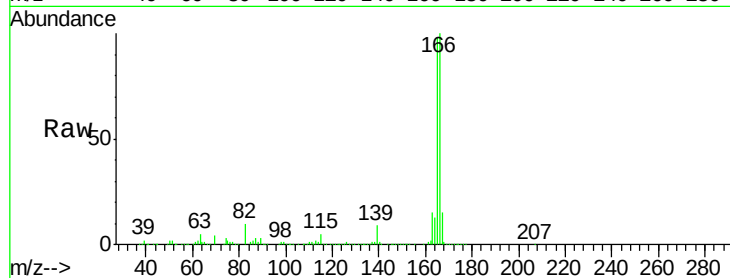
Tgt Ion:166 Resp: 1199257

Ion Ratio Lower Upper

166 100

165 97.6 79.3 118.9

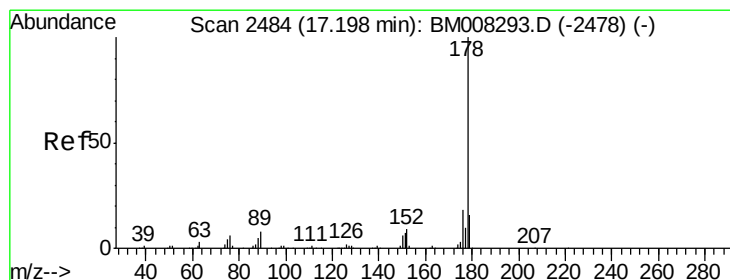
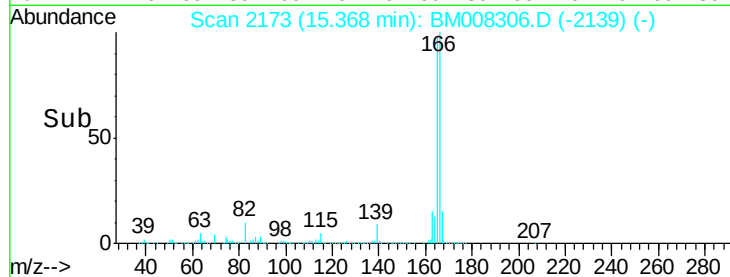
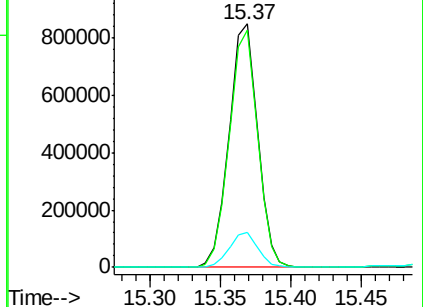
167 14.5 10.7 16.1



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



#71

Anthracene

Concen: 2.33 ng/ul

RT: 17.20 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BM008306.D

Acq: 14 Dec 2016 12:54

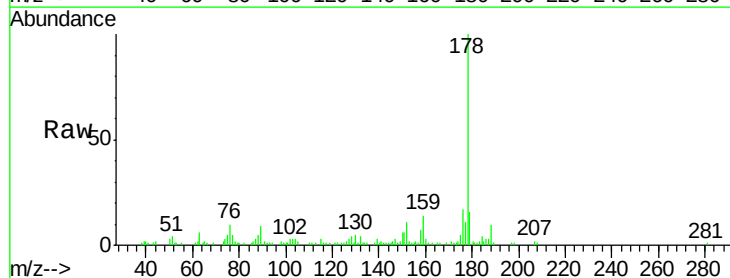
Tgt Ion:178 Resp: 79490

Ion Ratio Lower Upper

178 100

179 16.4 12.1 18.1

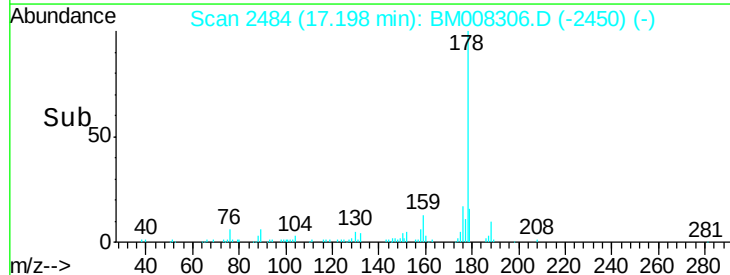
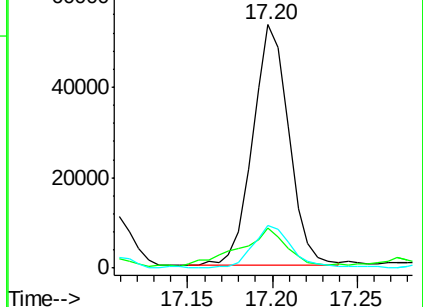
176 17.4 14.3 21.5

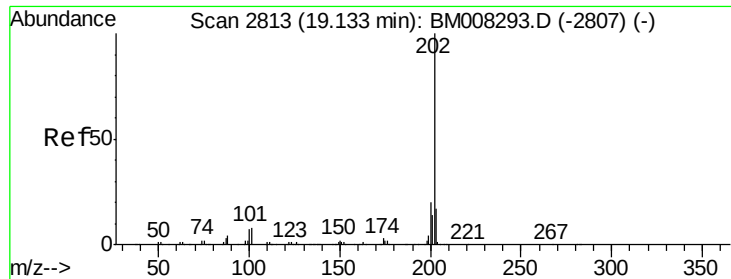


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.56 ng/ul

RT: 19.13 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM008306.D

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BNA_M

ClientSampleId :

DA8P2

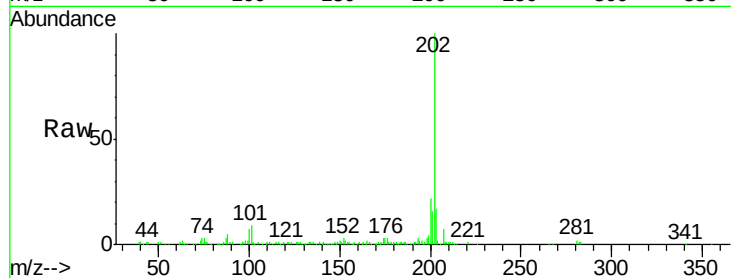
Tgt Ion:202 Resp: 146848

Ion Ratio Lower Upper

202 100

101 9.2 6.6 10.0

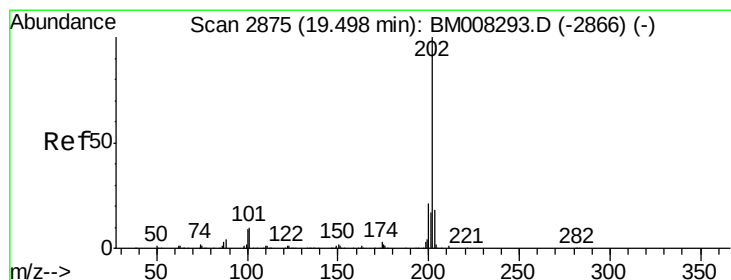
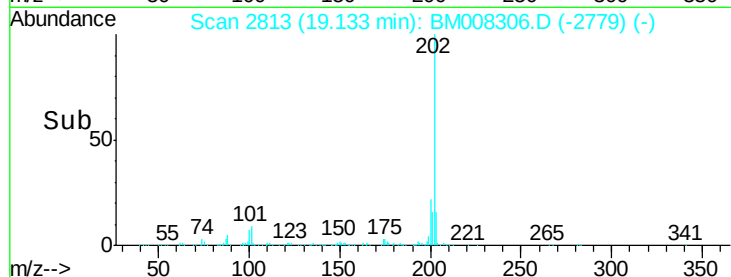
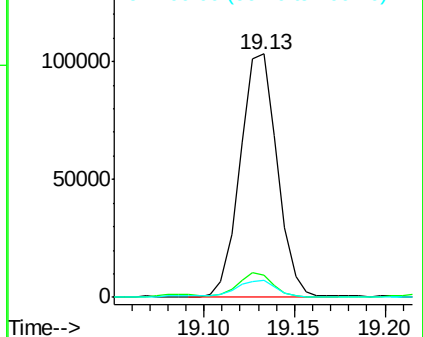
100 7.1 5.3 7.9



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

Pyrene

Concen: 1.51 ng/ul

RT: 19.49 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BM008306.D

Acq: 14 Dec 2016 12:54

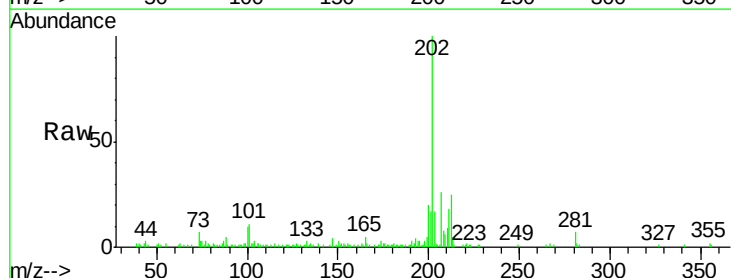
Tgt Ion:202 Resp: 63426

Ion Ratio Lower Upper

202 100

101 10.6 8.2 12.4

100 10.1 7.0 10.6



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

