

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013478.D
 Acq On : 16 Dec 2017 15:59
 Operator : SJ/JU
 Sample : I6775-08DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A11DL

Quant Time: Dec 18 03:20:15 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 03:13:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	253380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1121201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	640540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1348964	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	988995	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	839712	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2939	0.57	ng/uL	0.00
5) Phenol-d5	6.85	99	77065	3.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	44382	3.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	61320	3.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	66492	3.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	31337	3.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	33191	3.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	69129	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	20700	1.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	203612	3.57	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	252900	3.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	21079	2.13	ng/ul	0.01
57) Fluorene-d10	15.31	176	173866	3.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	6001	0.71	ng/ul	0.00
70) Anthracene-d10	17.16	188	258353	3.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	240359	4.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	162149	3.79	ng/ul	0.00

Target Compounds

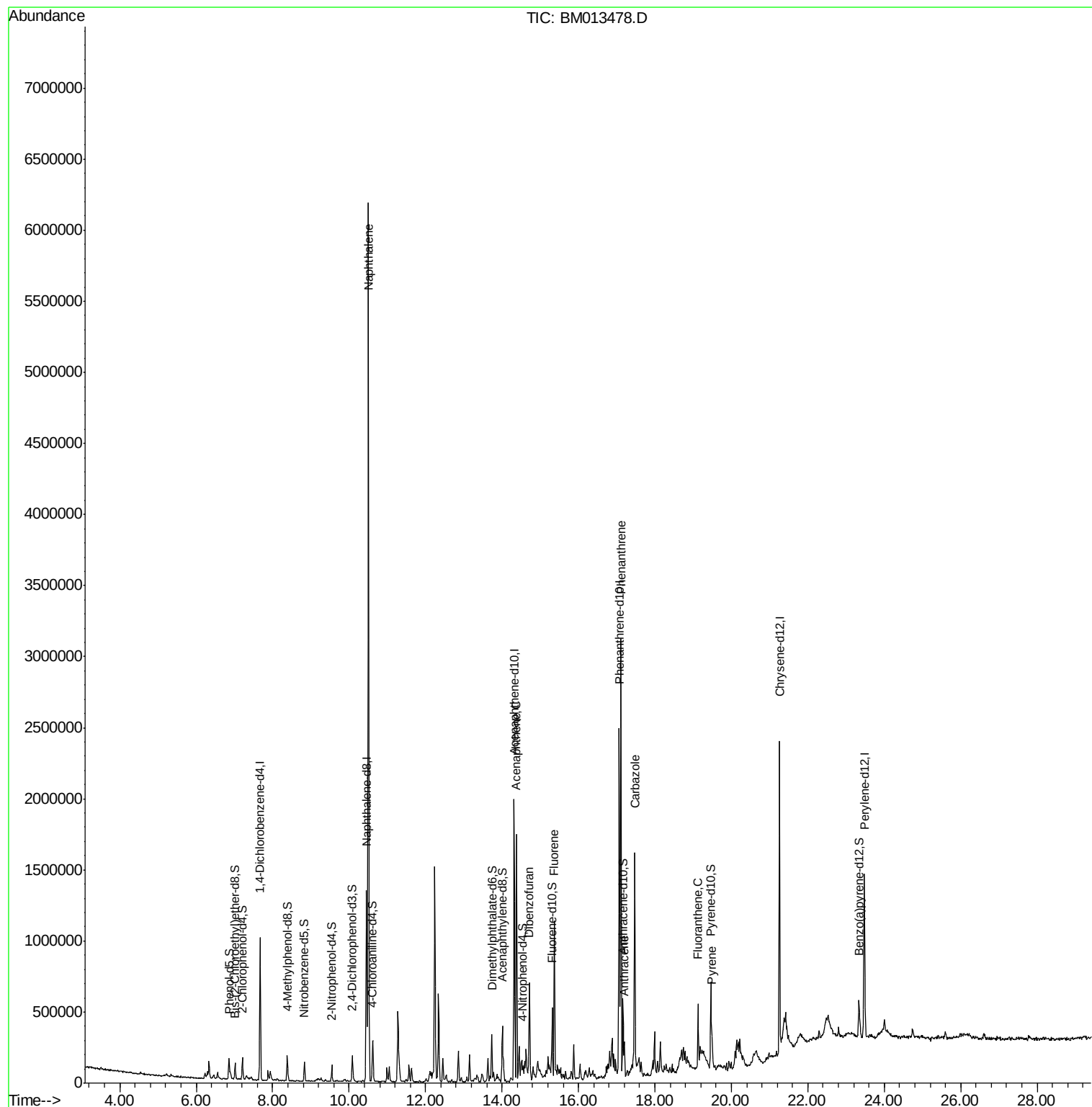
					Qvalue
28) Naphthalene	10.50	128	4716707	81.767	ng/ul 100
49) Acenaphthene	14.38	153	643502	14.512	ng/ul 97
53) Dibenzofuran	14.72	168	390081	5.959	ng/ul 97
58) Fluorene	15.37	166	461558	8.523	ng/ul 98
69) Phenanthrene	17.11	178	1709771	22.310	ng/ul 99
71) Anthracene	17.20	178	156171	1.994	ng/ul 100
72) Carbazole	17.47	167	883085	13.106	ng/ul 98
74) Fluoranthene	19.13	202	250561	2.668	ng/ul# 92
77) Pyrene	19.49	202	161263	2.684	ng/ul# 86

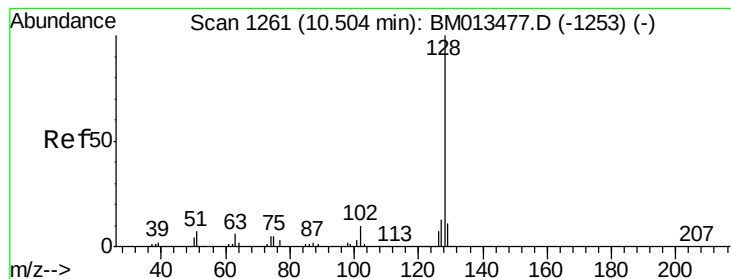
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 81.767 ng/ul

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

Instrument :

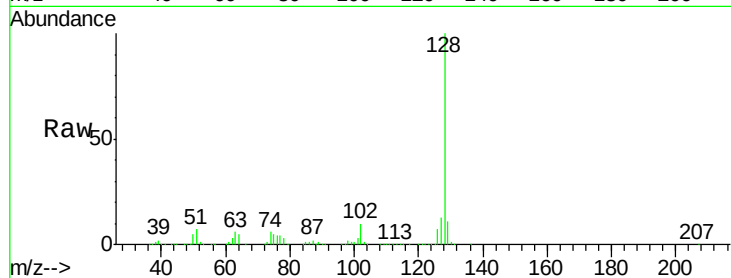
BNA_M

ClientSampleId :

F9A11DL

Tgt Ion:128 Resp: 4716707

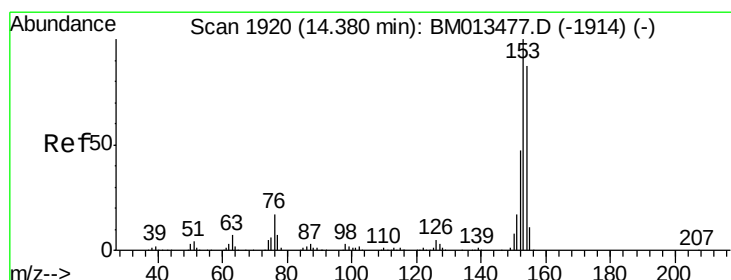
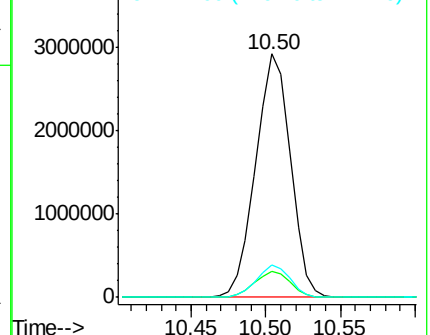
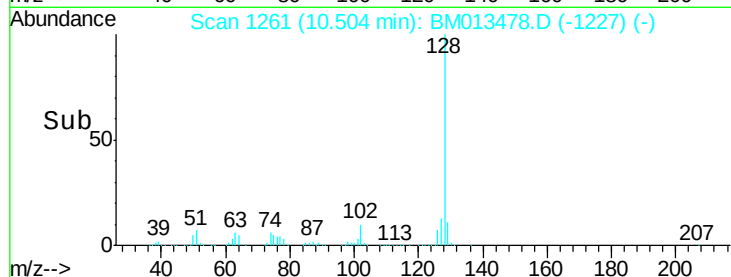
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.6	16.0



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



#49

Acenaphthene

Concen: 14.512 ng/ul

RT: 14.38 min Scan# 1920

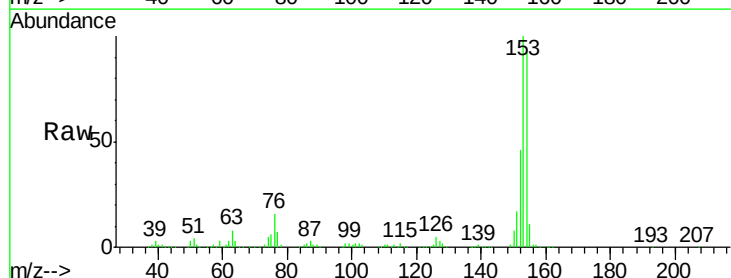
Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

Tgt Ion:153 Resp: 643502

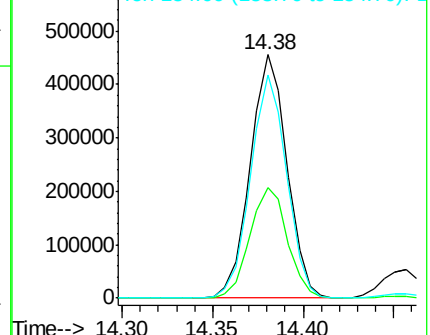
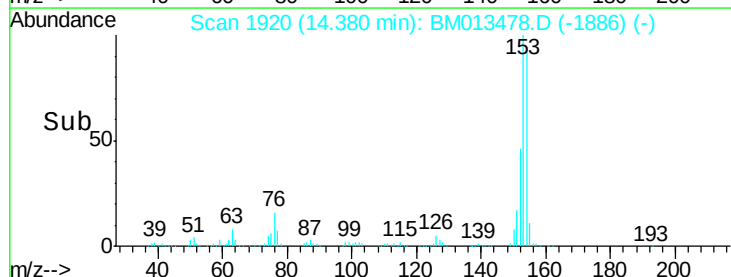
Ion	Ratio	Lower	Upper
153	100		
152	45.6	37.6	56.4
154	91.6	70.4	105.6

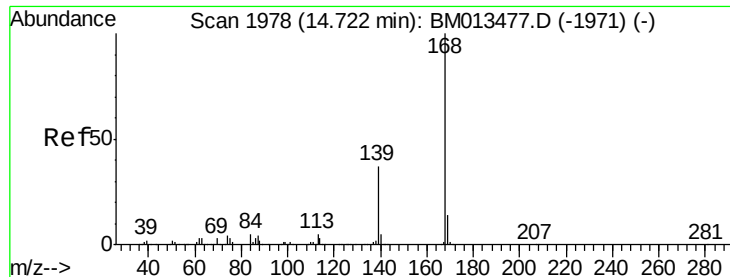


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 5.959 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

Instrument :

BNA_M

ClientSampleId :

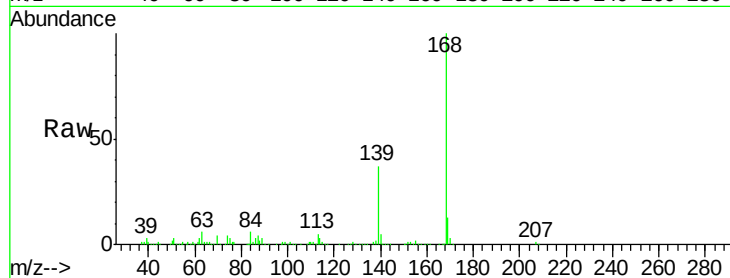
F9A11DL

Tgt Ion:168 Resp: 390081

Ion Ratio Lower Upper

168 100

139 36.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.72

250000

200000

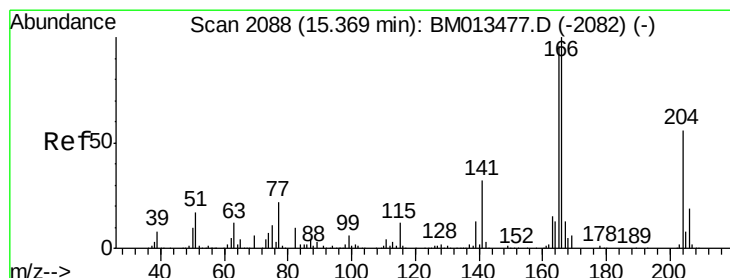
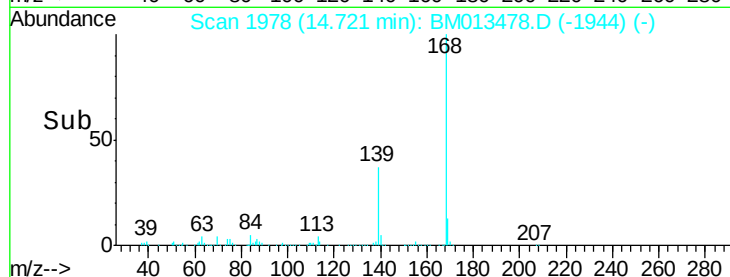
150000

100000

50000

0

Time--> 14.65 14.70 14.75



#58

Fluorene

Concen: 8.523 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

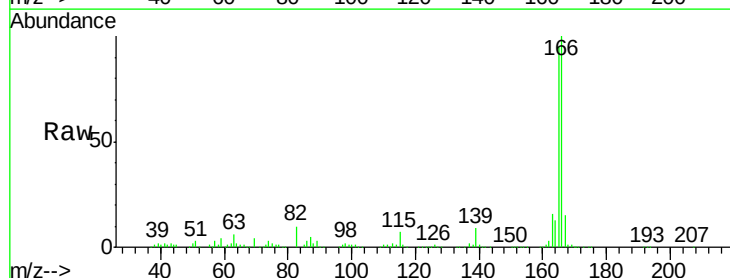
Tgt Ion:166 Resp: 461558

Ion Ratio Lower Upper

166 100

165 95.1 77.9 116.9

167 14.5 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

15.37

400000

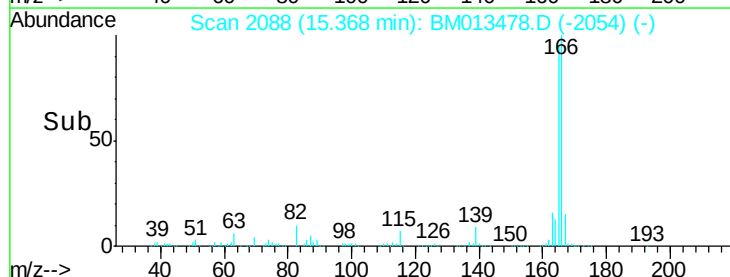
300000

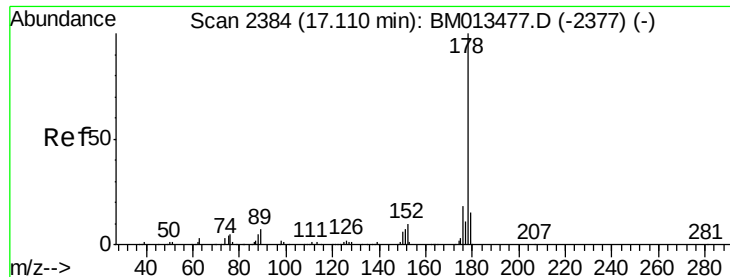
200000

100000

0

Time--> 15.30 15.35 15.40





#69

Phenanthrene

Concen: 22.310 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

Instrument :

BNA_M

ClientSampleId :

F9A11DL

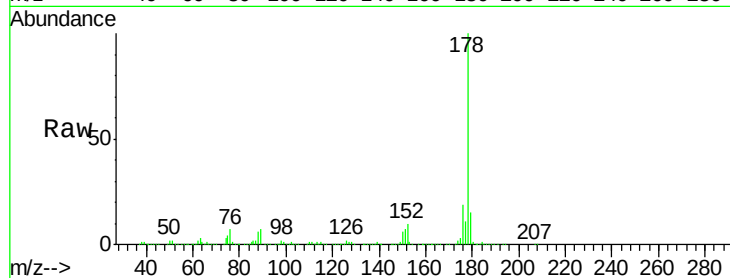
Tgt Ion:178 Resp: 1709771

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

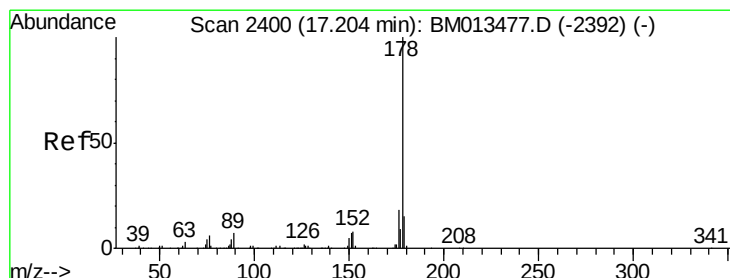
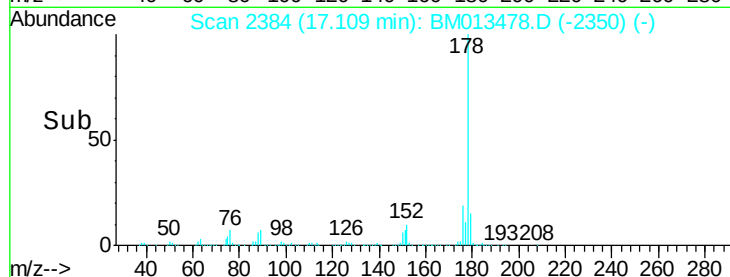
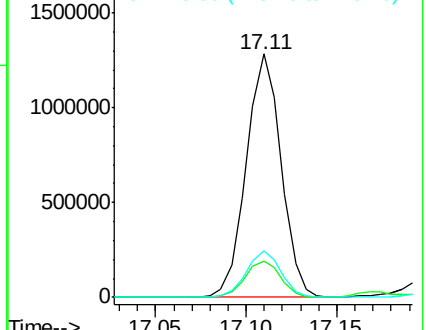
176 19.1 14.9 22.3



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



#71

Anthracene

Concen: 1.994 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

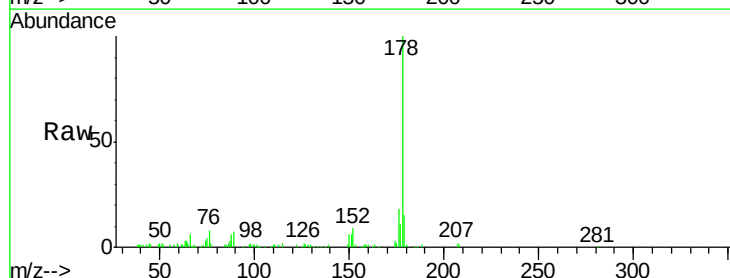
Tgt Ion:178 Resp: 156171

Ion Ratio Lower Upper

178 100

179 14.7 11.7 17.5

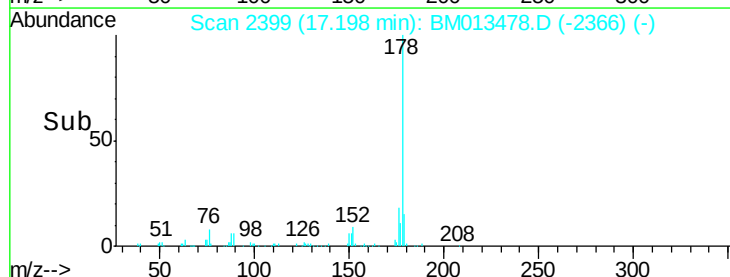
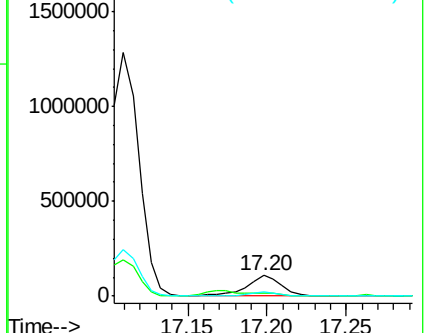
176 18.0 14.6 21.8

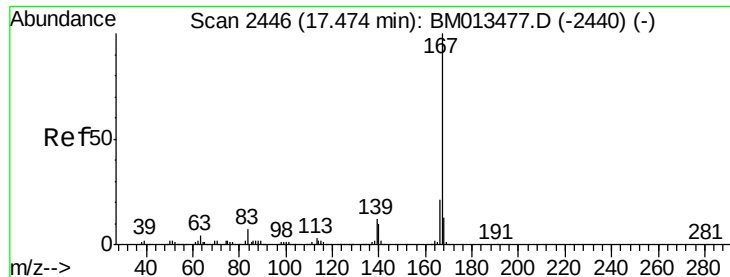


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 13.106 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

Instrument :

BNA_M

ClientSampleId :

F9A11DL

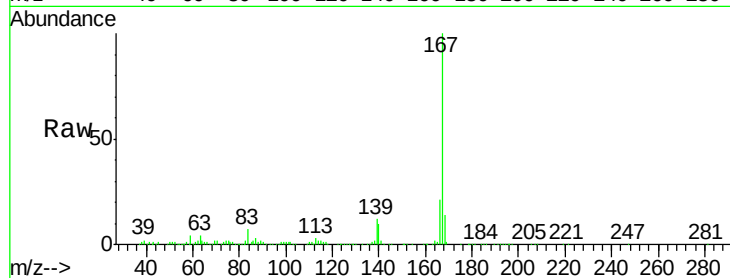
Tgt Ion:167 Resp: 883085

Ion Ratio Lower Upper

167 100

166 20.5 17.1 25.7

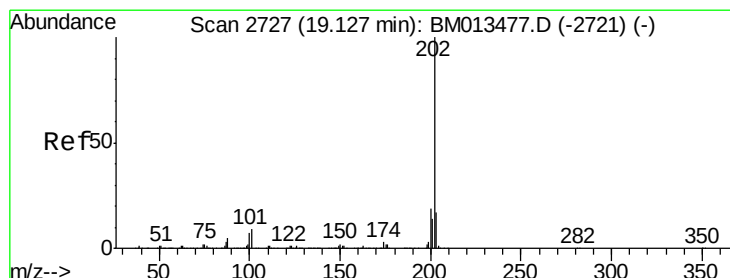
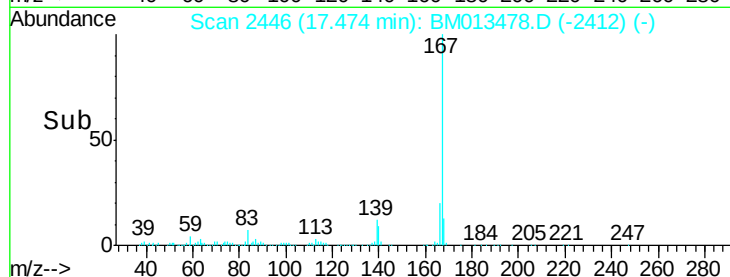
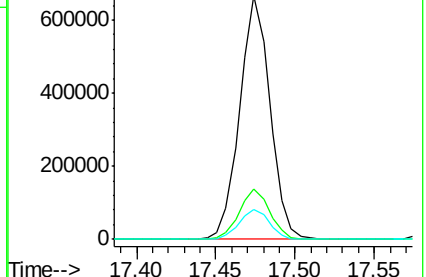
139 12.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 2.668 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

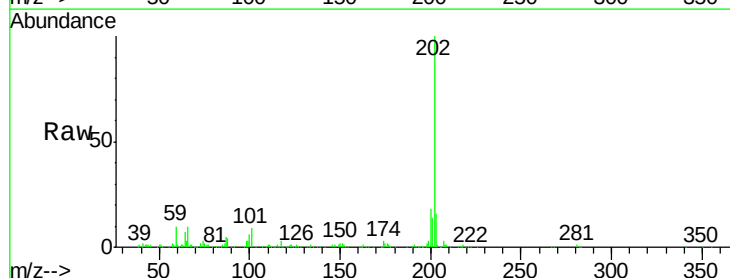
Tgt Ion:202 Resp: 250561

Ion Ratio Lower Upper

202 100

101 9.2 4.6 7.0#

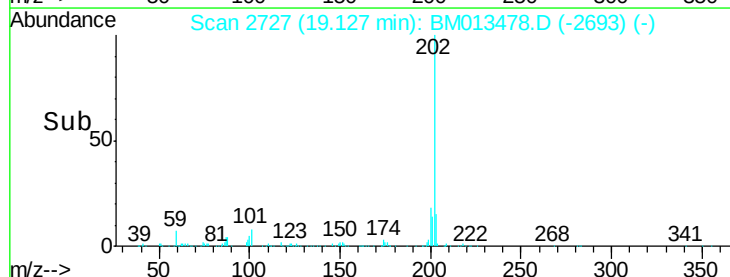
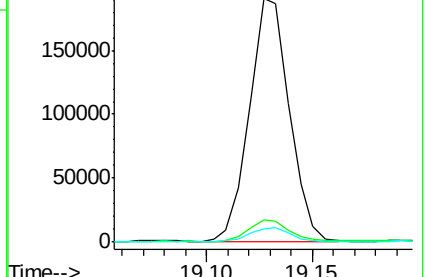
100 5.7 3.4 5.2#

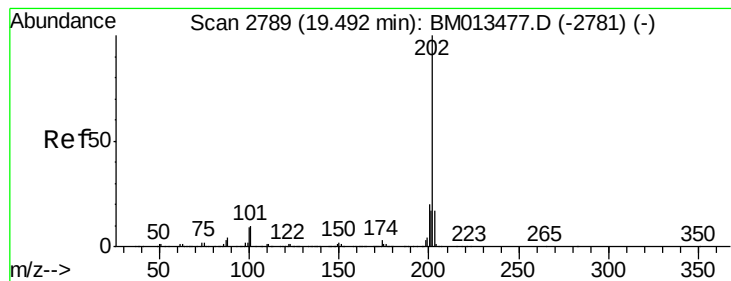


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.684 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

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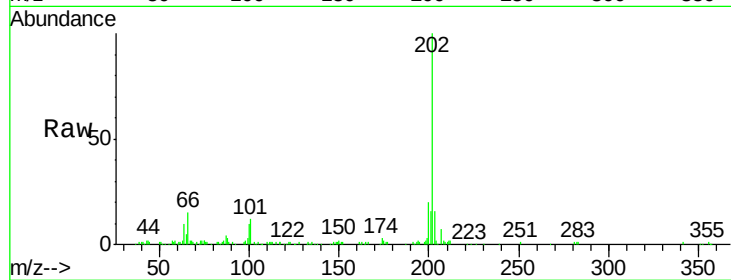
Tgt Ion: 202 Resp: 161263

Ion Ratio Lower Upper

202 100

101 11.6 5.1 7.7#

100 10.1 4.9 7.3#



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

