

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004540.D
 Acq On : 03 Mar 2016 20:13
 Operator : SJ/UM
 Sample : H1616-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P001-SS001-01

Quant Time: Mar 04 04:42:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 04:25:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	32301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	130052	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	65135	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	133864	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	119593	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	140283	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2318	3.86	ng/uL	0.00
5) Phenol-d5	6.79	99	50321	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	27976	21.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	48221	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	39185	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	22246	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	24166	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	35978	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	19038	7.69	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	119514	22.06	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	145933	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	6498	8.13	ng/ul	0.03
58) Fluorene-d10	15.26	176	101469	21.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	3756	4.32	ng/ul	0.01
71) Anthracene-d10	17.11	188	136641	20.86	ng/ul	0.00
79) Pyrene-d10	19.42	212	143598	22.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	114493	15.34	ng/ul	0.06

Target Compounds

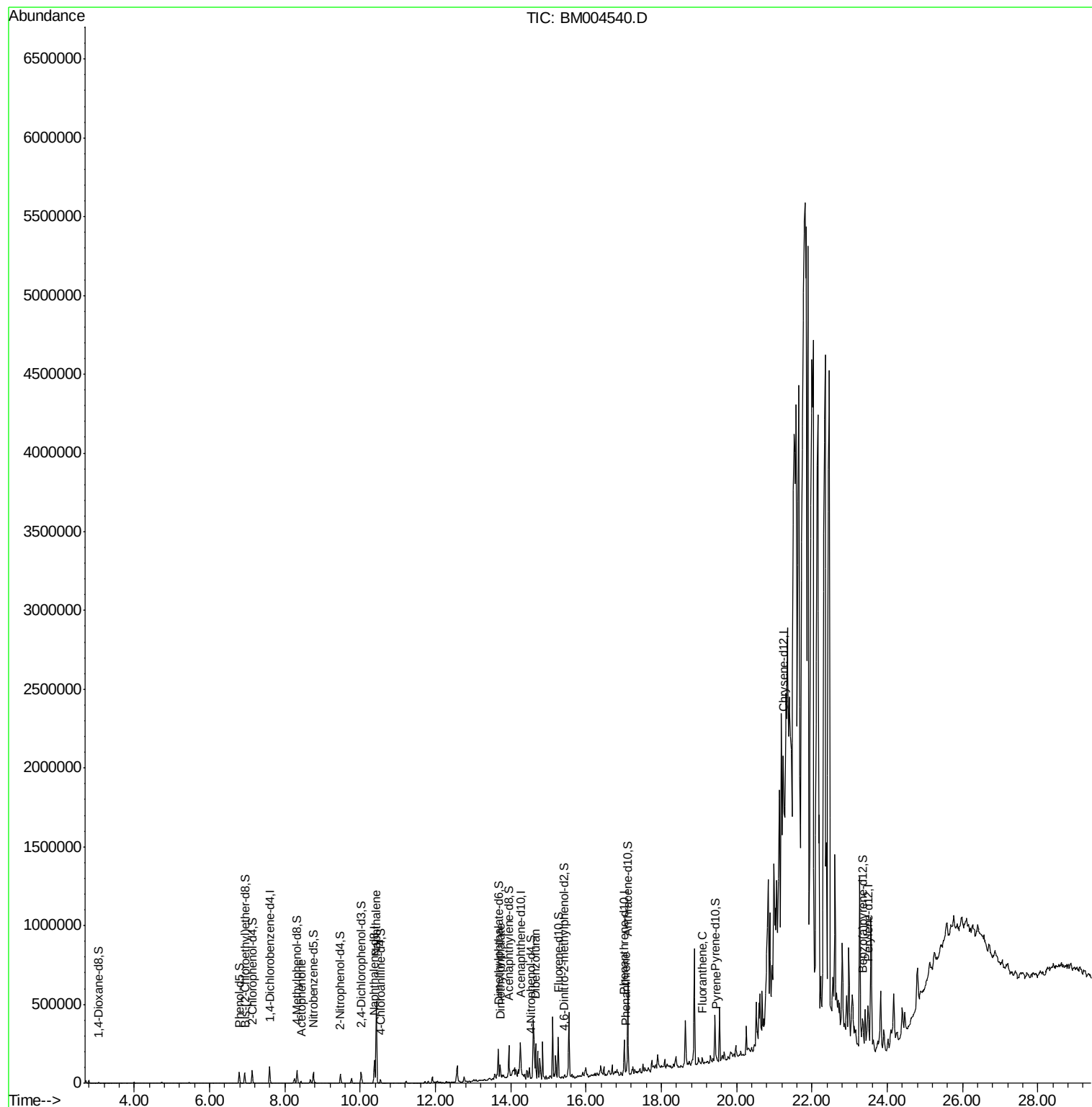
						Qvalue
14) Acetophenone	8.43	105	9438	2.61	ng/ul	94
28) Naphthalene	10.43	128	454891	63.59	ng/ul	100
45) Dimethylphthalate	13.72	163	50522	8.87	ng/ul	99
54) Dibenzofuran	14.66	168	9216	1.37	ng/ul#	67
70) Phenanthrene	17.06	178	16683	2.08	ng/ul	97
77) Fluoranthene	19.09	202	18485	2.14	ng/ul	97
80) Pyrene	19.45	202	23832	2.75	ng/ul	98

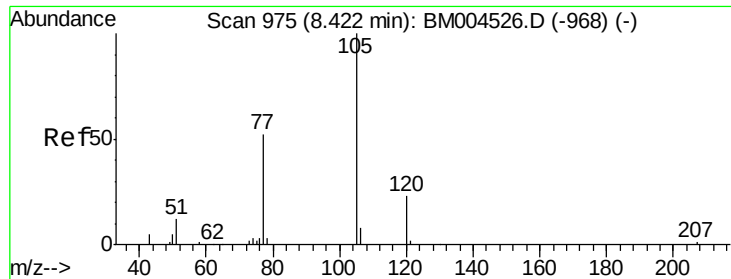
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 2.61 ng/ul

RT: 8.43 min Scan# 976

Delta R.T. 0.01 min

Lab File: BM004540.D

Acq: 03 Mar 2016 20:13

Instrument :

BNA_M

ClientSampleId :

BLDG06-P001-SS001-01

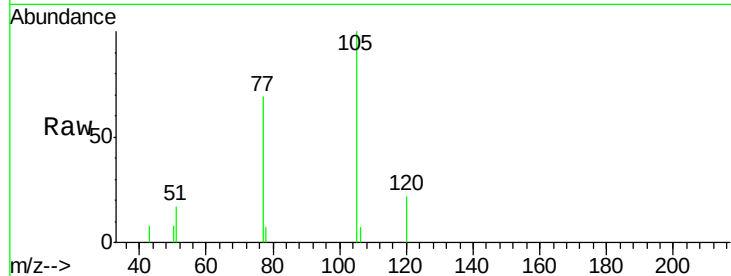
Tgt Ion:105 Resp: 9438

Ion Ratio Lower Upper

105 100

77 68.9 59.0 88.4

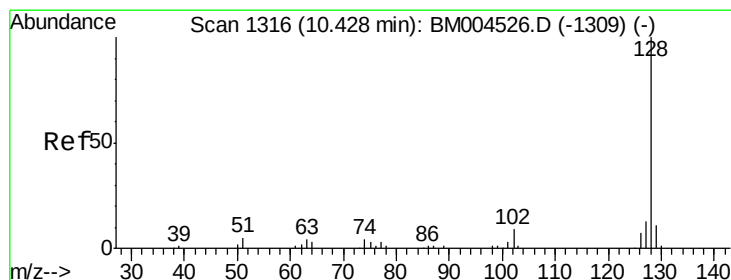
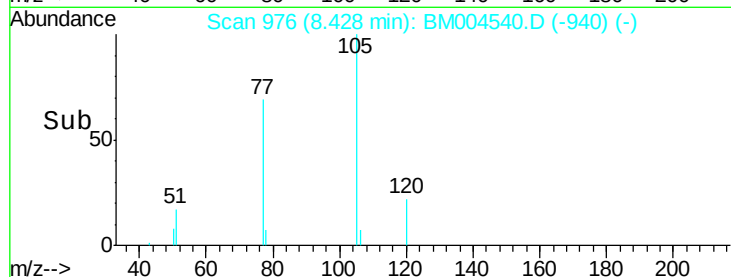
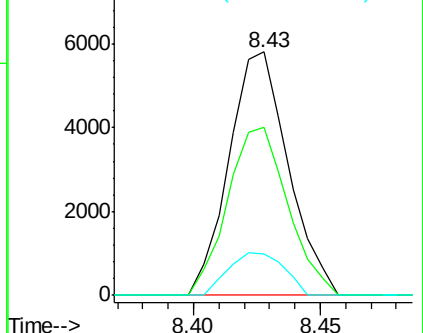
51 16.7 16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#28

Naphthalene

Concen: 63.59 ng/ul

RT: 10.43 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BM004540.D

Acq: 03 Mar 2016 20:13

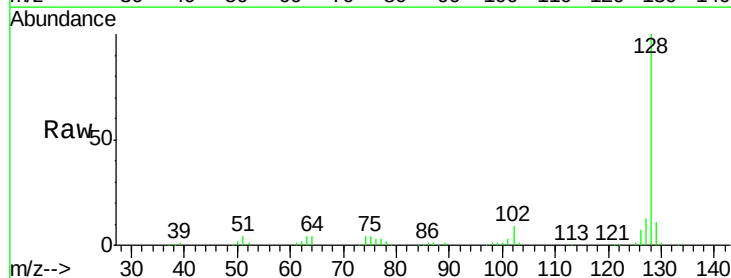
Tgt Ion:128 Resp: 454891

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

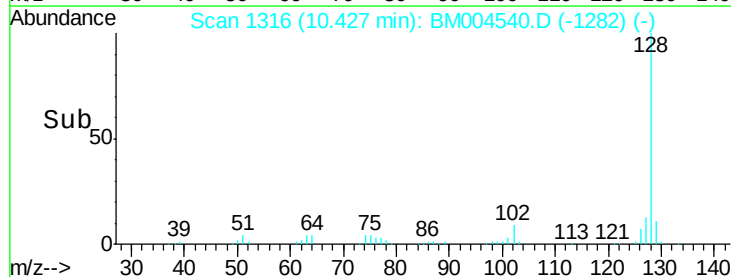
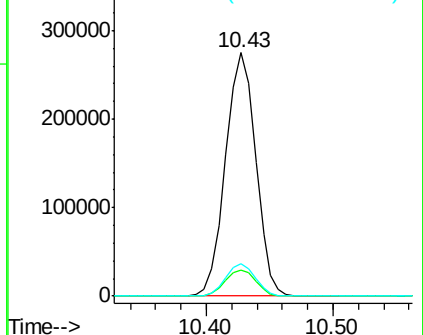
127 13.1 10.5 15.7

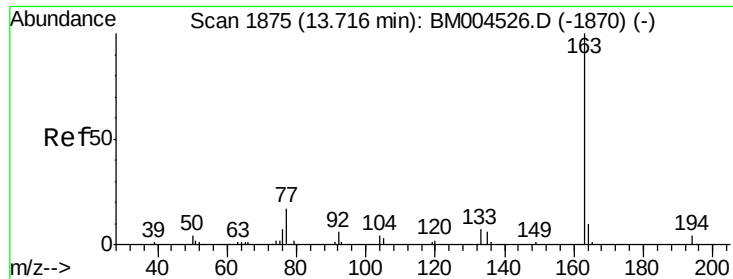


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

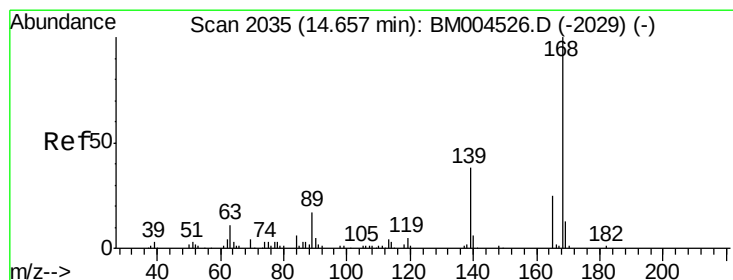
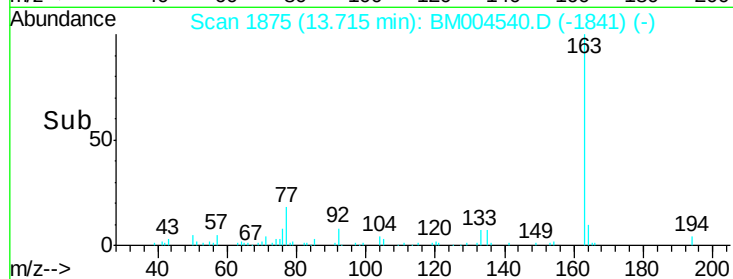
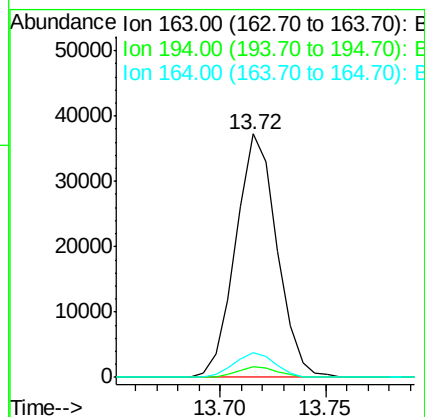
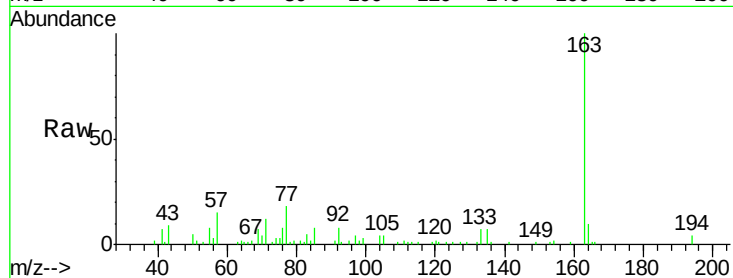




#45
Dimethylphthalate
Concen: 8.87 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

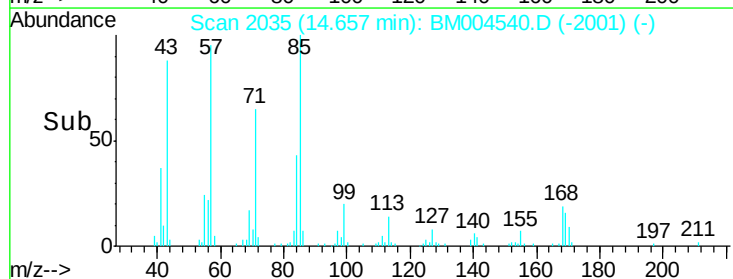
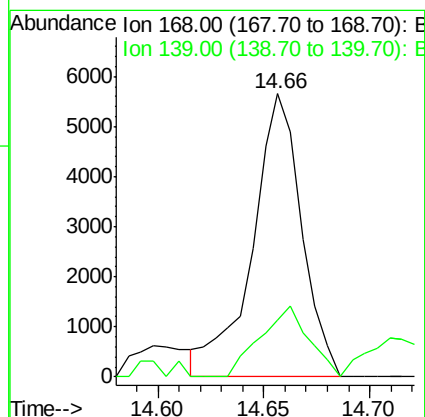
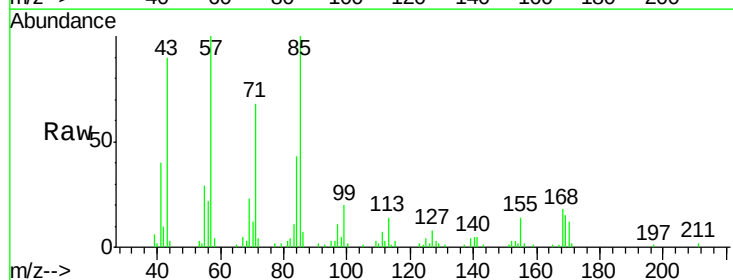
Instrument :
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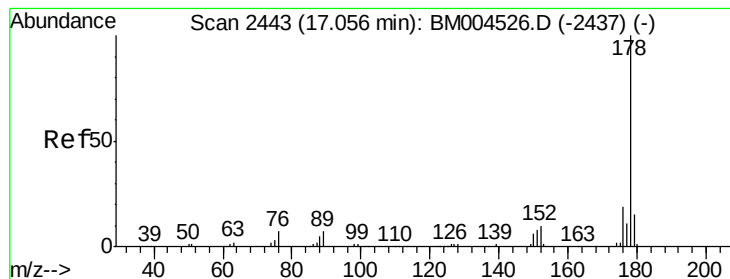
Tgt Ion:163 Resp: 50522
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 7.8 11.8



#54
Dibenzofuran
Concen: 1.37 ng/ul
RT: 14.66 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

Tgt Ion:168 Resp: 9216
Ion Ratio Lower Upper
168 100
139 20.1 32.2 48.2#





#70

Phenanthrene

Concen: 2.08 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM004540.D

Acq: 03 Mar 2016 20:13

Instrument :

BNA_M

ClientSampleId :

BLDG06-P001-SS001-01

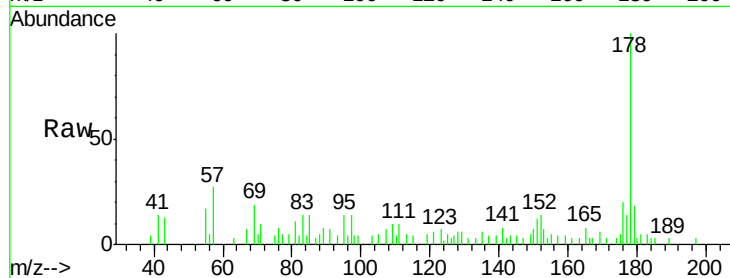
Tgt Ion:178 Resp: 16683

Ion Ratio Lower Upper

178 100

179 17.8 12.2 18.4

176 19.7 15.6 23.4



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

15000

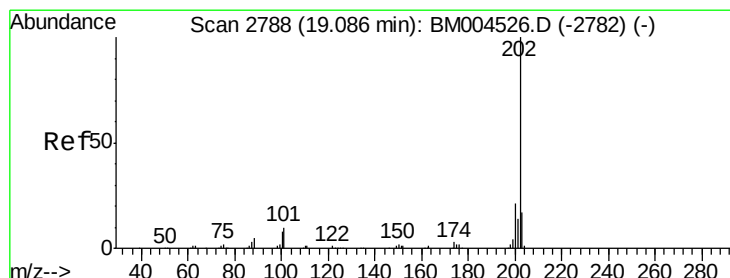
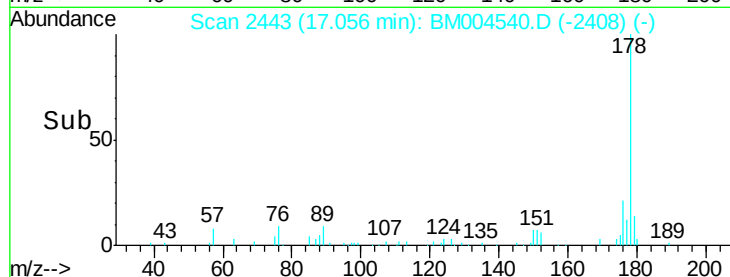
10000

5000

0

17.00 17.05 17.10

Time-->



#77

Fluoranthene

Concen: 2.14 ng/ul

RT: 19.09 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BM004540.D

Acq: 03 Mar 2016 20:13

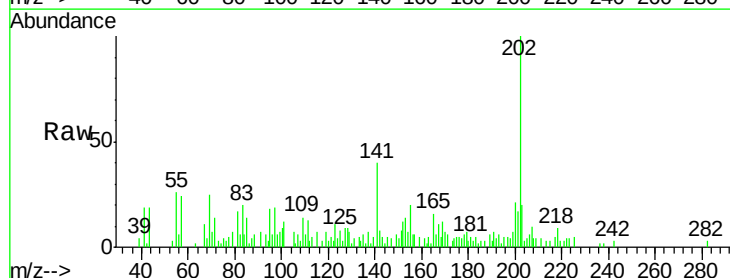
Tgt Ion:202 Resp: 18485

Ion Ratio Lower Upper

202 100

101 12.3 8.8 13.2

100 8.7 6.6 9.8



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

20000

15000

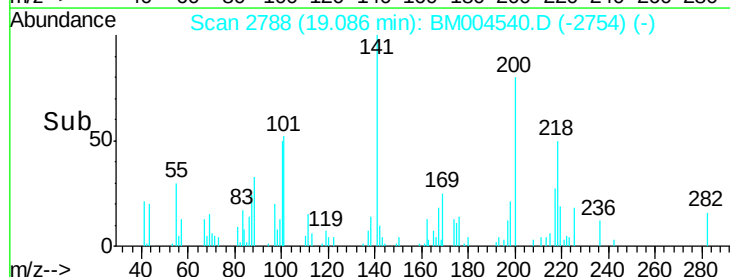
10000

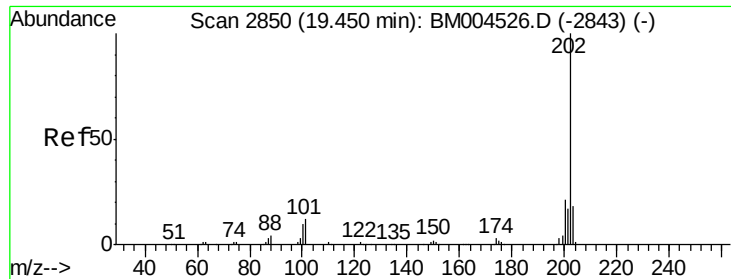
5000

0

19.05 19.10

Time-->

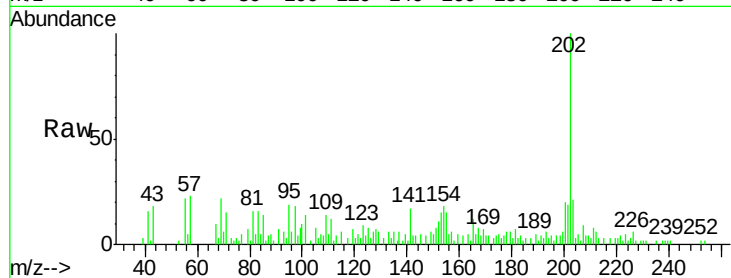




#80
 Pyrene
 Concen: 2.75 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BM004540.D
 Acq: 03 Mar 2016 20:13

Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P001-SS001-01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.2	15.2
100	10.2	8.5	12.7



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

