

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012864.D
 Acq On : 10 Nov 2017 16:04
 Operator : SJ/JU
 Sample : I6317-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHH3

Quant Time: Nov 10 16:57:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 14:59:43 2017
 Response via : Initial Calibration

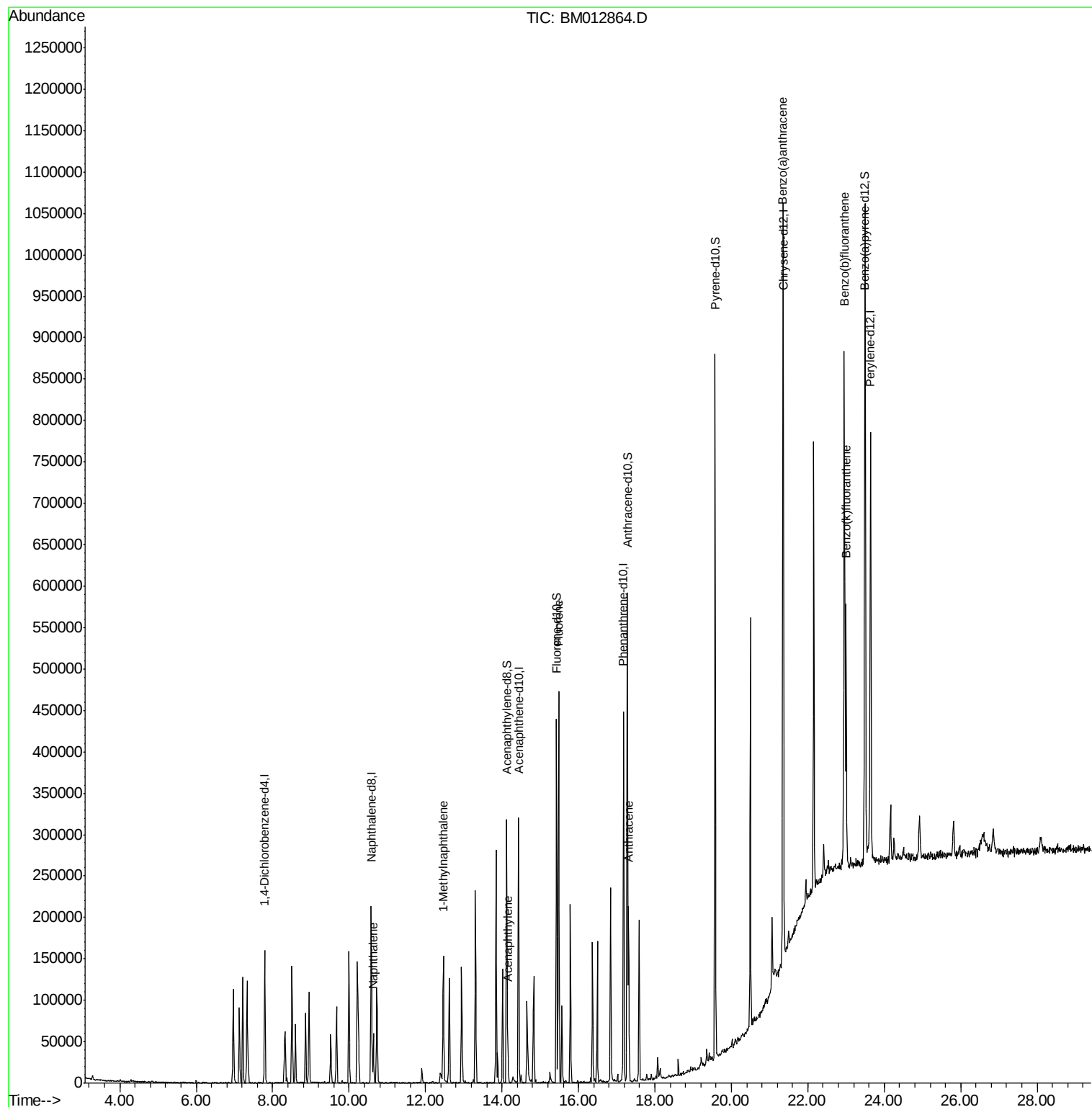
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	45112	20.00	ng/ul	0.00
2) Naphthalene-d8	10.58	136	176581	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	106135	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	259113	20.00	ng/ul	0.00
17) Chrysene-d12	21.36	240	343964	20.00	ng/ul	0.00
22) Perylene-d12	23.64	264	388193	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	238452	21.60	ng/ul	0.00
10) Fluorene-d10	15.43	176	176213	23.34	ng/ul	0.00
14) Anthracene-d10	17.28	188	341112	27.23	ng/ul	0.00
18) Pyrene-d10	19.57	212	429476	27.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.50	264	555736	30.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.63	128	51074	5.712	ng/ul	99
5) 1-Methylnaphthalene	12.46	142	71549	11.089	ng/ul	92
8) Acenaphthylene	14.15	152	38163	3.553	ng/ul	98
11) Fluorene	15.48	166	162660	18.955	ng/ul	92
15) Anthracene	17.32	178	138589	9.320	ng/ul	99
20) Benzo(a)anthracene	21.34	228	363110	17.157	ng/ul	100
23) Benzo(b)fluoranthene	22.96	252	473885	20.528	ng/ul#	96
24) Benzo(k)fluoranthene	23.00	252	195153	8.845	ng/ul#	96

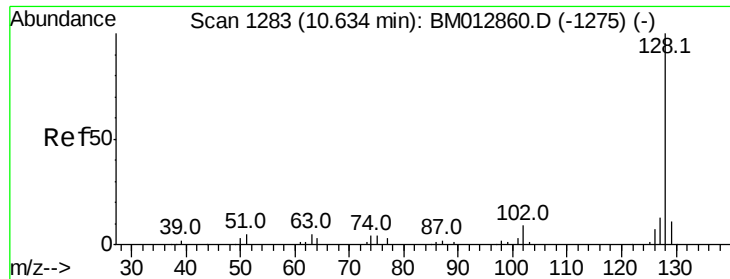
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 5.712 ng/ul

RT: 10.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM012864.D

Acq: 10 Nov 2017 16:04

Instrument :

BNA_M

ClientSampleId :

DAHH3

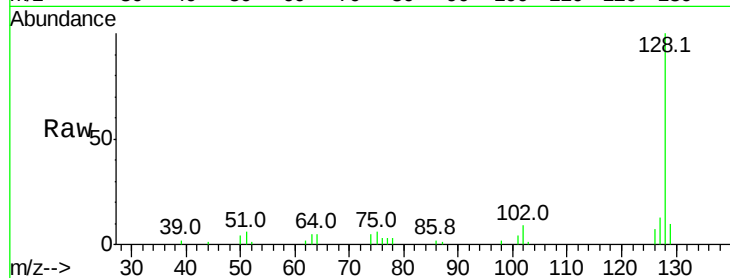
Tot Ion:128 Resp: 51074

Ion Ratio Lower Upper

128 100

129 10.1 8.7 13.1

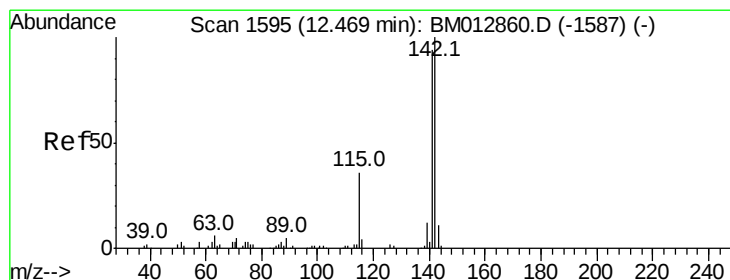
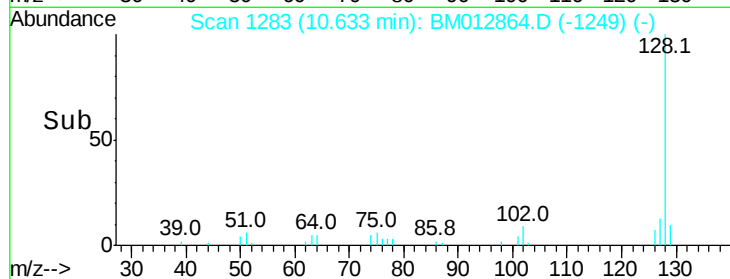
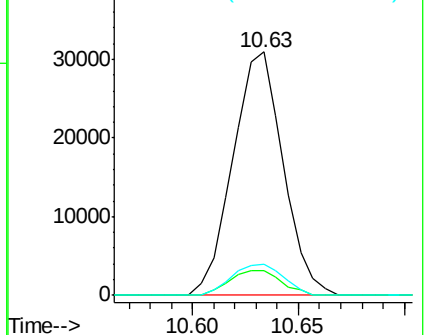
127 12.9 10.6 16.0



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



#5

1-Methylnaphthalene

Concen: 11.089 ng/ul

RT: 12.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM012864.D

Acq: 10 Nov 2017 16:04

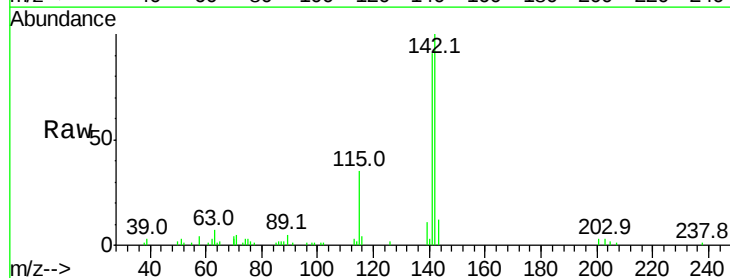
Tgt Ion:142 Resp: 71549

Ion Ratio Lower Upper

142 100

141 90.6 79.3 118.9

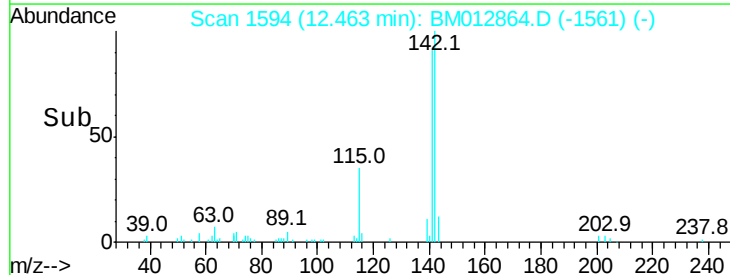
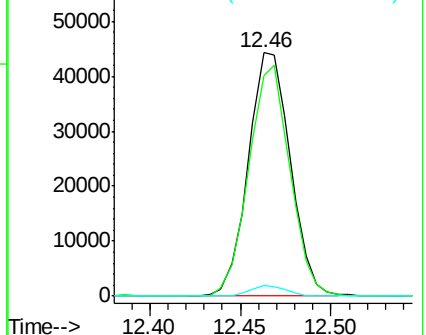
116 4.4 4.2 6.2

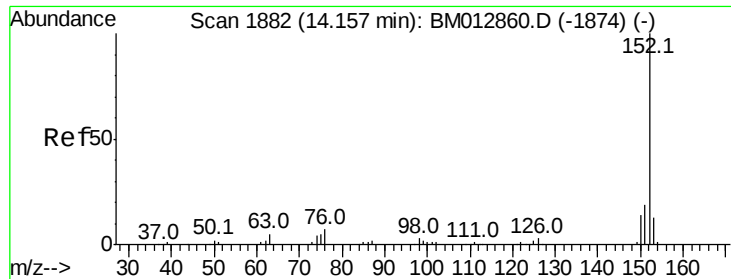


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#8

Acenaphthylene

Concen: 3.553 ng/ul

RT: 14.15 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM012864.D

Acq: 10 Nov 2017 16:04

Instrument :

BNA_M

ClientSampleId :

DAHH3

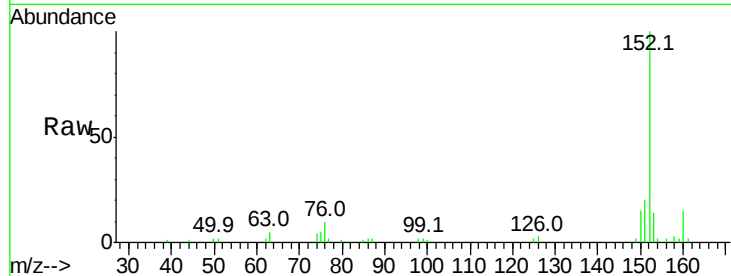
Tot Ion:152 Resp: 38163

Ion Ratio Lower Upper

152 100

151 20.2 16.7 25.1

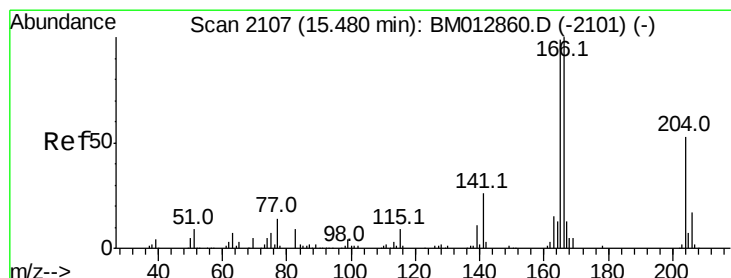
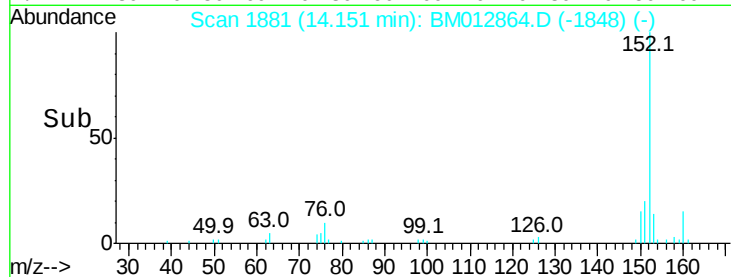
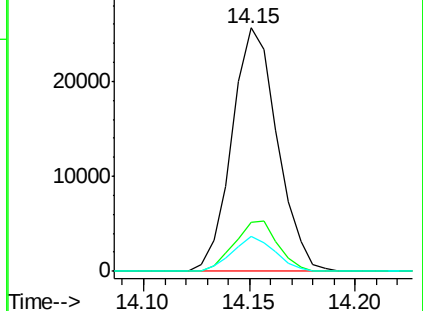
153 14.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#11

Fluorene

Concen: 18.955 ng/ul

RT: 15.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BM012864.D

Acq: 10 Nov 2017 16:04

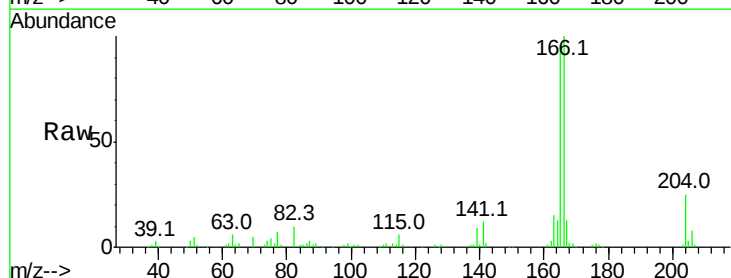
Tgt Ion:166 Resp: 162660

Ion Ratio Lower Upper

166 100

165 95.5 83.8 125.8

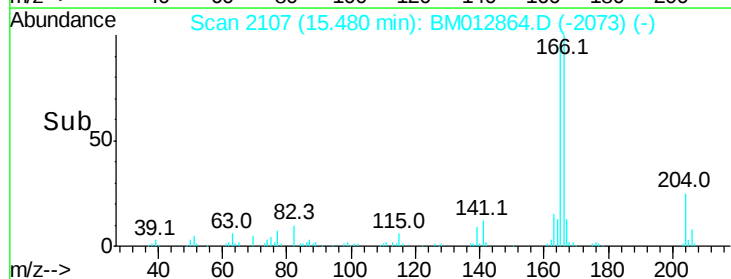
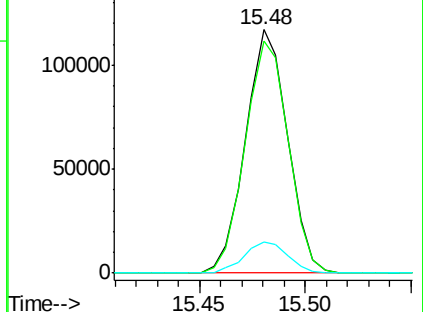
167 13.0 11.5 17.3

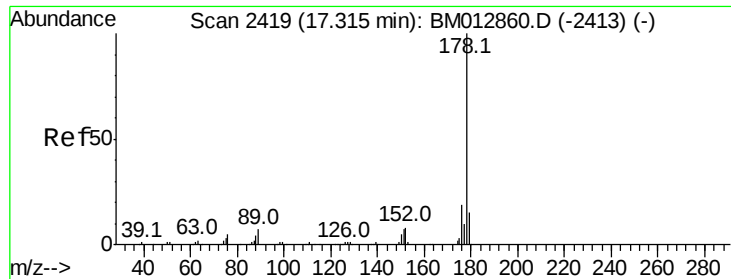


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

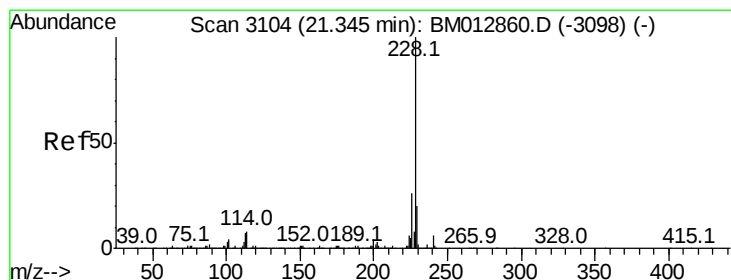
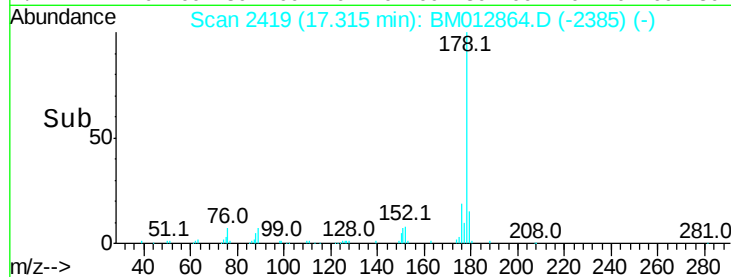
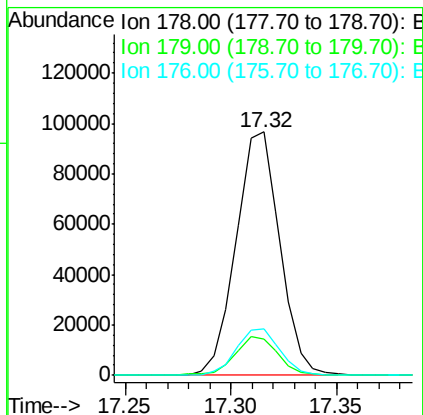
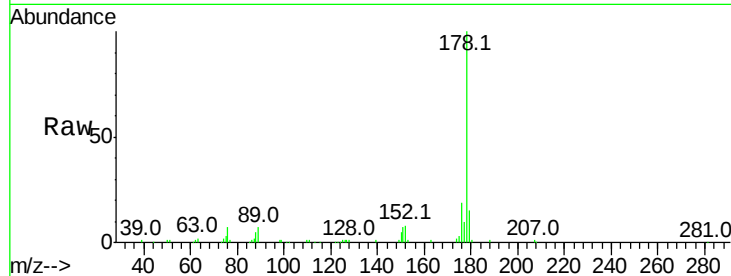




#15
 Anthracene
 Concen: 9.320 ng/ul
 RT: 17.32 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BM012864.D
 Acq: 10 Nov 2017 16:04

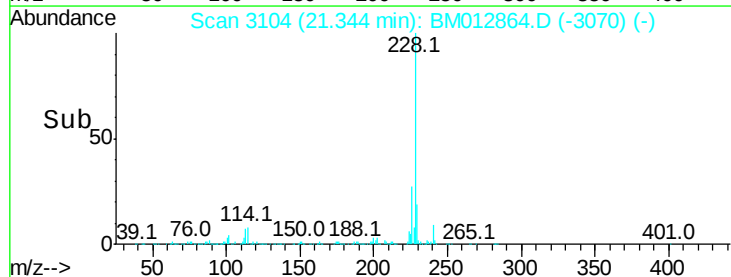
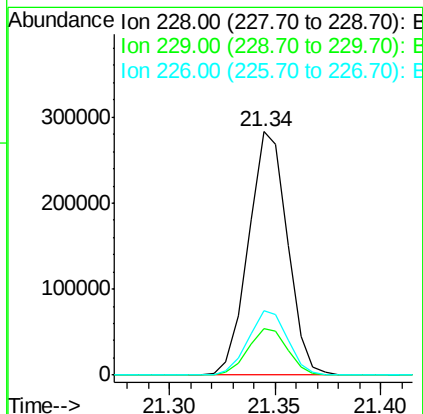
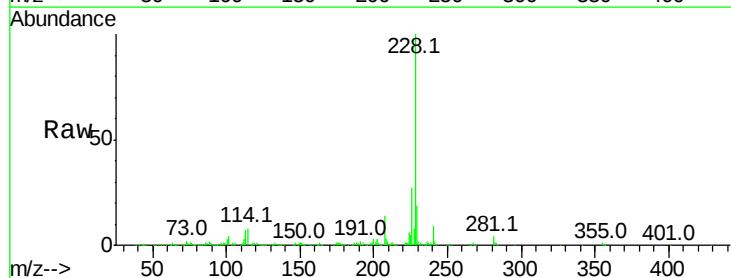
Instrument :
 BNA_M
 ClientSampleId :
 DAHH3

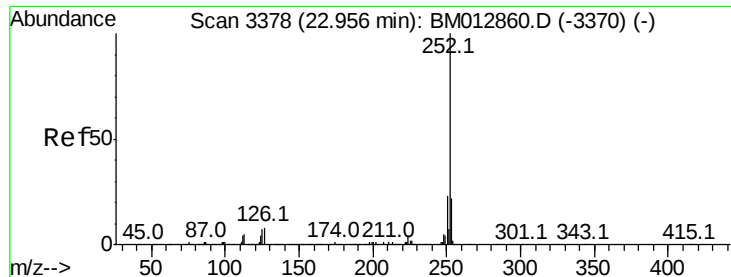
Tot Ion:178 Resp: 138589
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.8 17.8
 176 19.2 15.2 22.8



#20
 Benzo(a)anthracene
 Concen: 17.157 ng/ul
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BM012864.D
 Acq: 10 Nov 2017 16:04

Tgt Ion:228 Resp: 363110
 Ion Ratio Lower Upper
 228 100
 229 19.3 15.7 23.5
 226 26.6 21.1 31.7





#23

Benzo(b)fluoranthene

Concen: 20.528 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.00 min

Lab File: BM012864.D

Acq: 10 Nov 2017 16:04

Instrument :

BNA_M

ClientSampled :

DAHH3

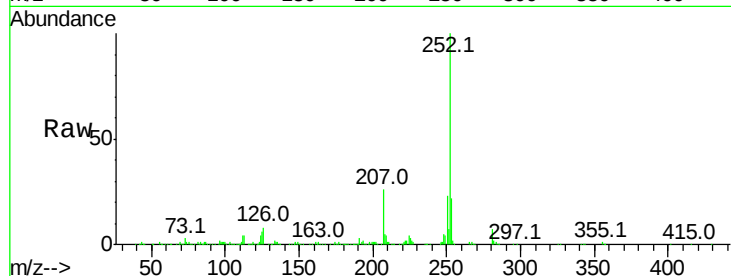
Tot Ion:252 Resp: 473885

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

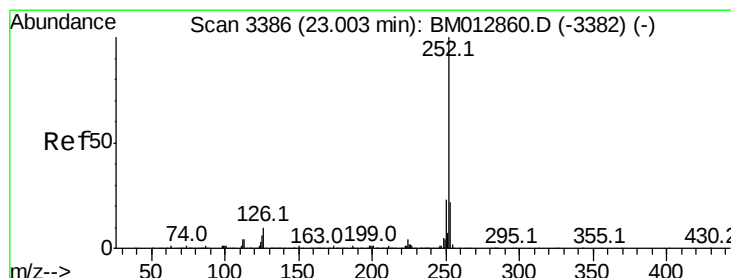
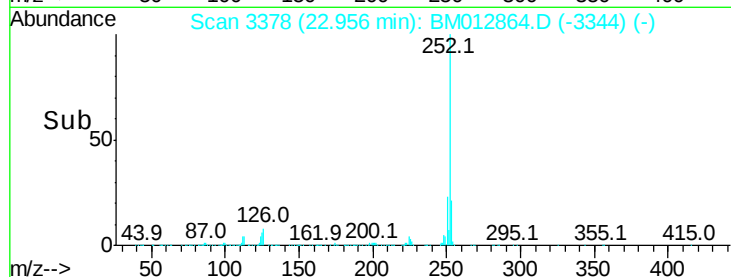
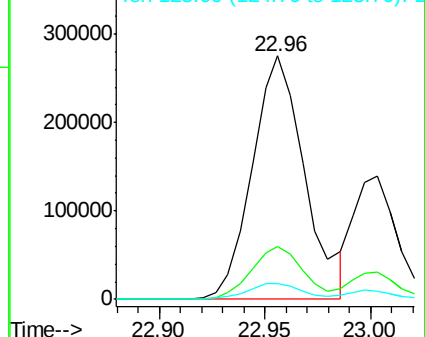
125 6.5 8.0 12.0#



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



#24

Benzo(k)fluoranthene

Concen: 8.845 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. -0.00 min

Lab File: BM012864.D

Acq: 10 Nov 2017 16:04

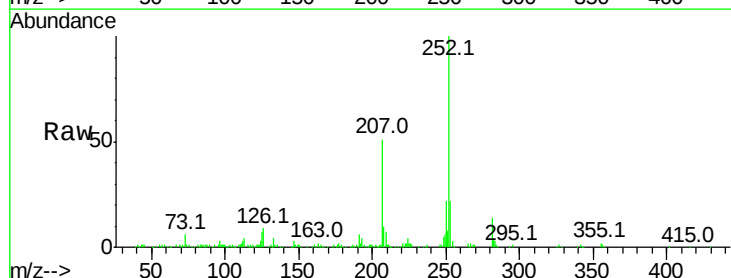
Tgt Ion:252 Resp: 195153

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 6.7 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

