

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009723.D
 Acq On : 26 Apr 2017 17:00
 Operator : SJ/MA
 Sample : I2836-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF006-01

Quant Time: Apr 26 18:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 13:32:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	147246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	654297	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	417975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1015118	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1333645	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1164547	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	9348	2.92	ng/uL	0.00
5) Phenol-d5	6.99	99	231749	14.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	183623	16.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	162026	15.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	183248	14.69	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	86398	16.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	91444	16.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	165722	14.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	164004	12.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	587768	16.17	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	715533	16.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	84304	12.02	ng/ul	0.00
57) Fluorene-d10	15.46	176	551914	16.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	81867	11.43	ng/ul	0.00
70) Anthracene-d10	17.32	188	912455	17.51	ng/ul	0.00
76) Pyrene-d10	19.62	212	1048544	17.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	949443	16.76	ng/ul	0.00

Target Compounds

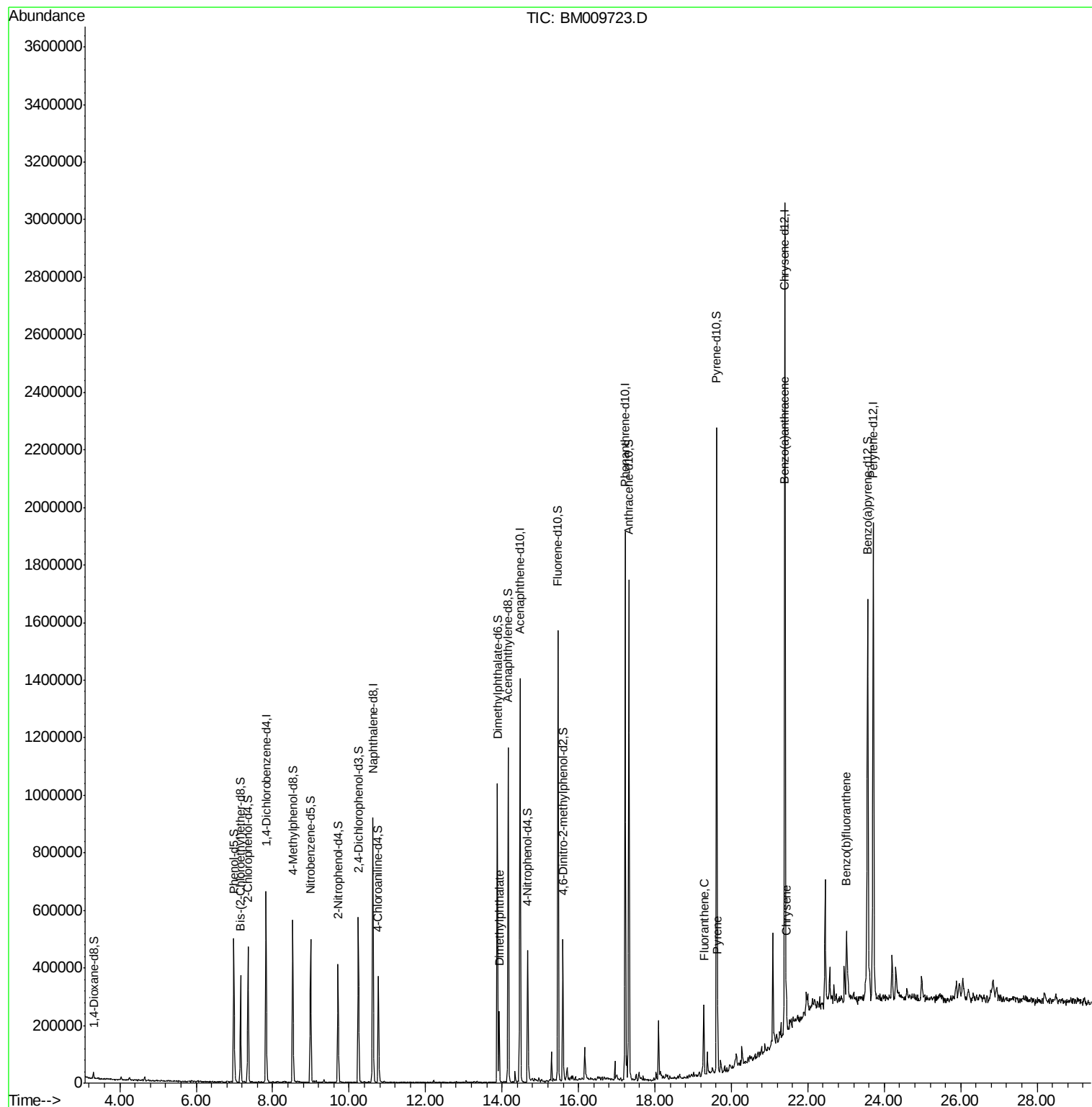
						Qvalue
44) Dimethylphthalate	13.93	163	131309	3.65	ng/ul	97
74) Fluoranthene	19.28	202	129851	1.76	ng/ul#	93
77) Pyrene	19.64	202	121819	1.62	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	81087	1.03	ng/ul	95
82) Chrysene	21.43	228	85334	1.20	ng/ul	99
85) Benzo(b)fluoranthene	23.01	252	107297	1.42	ng/ul#	95

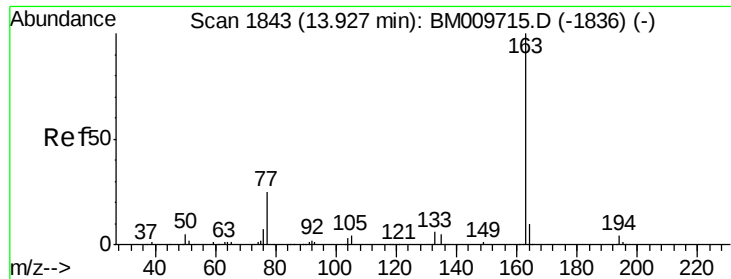
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 3.65 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.00 min

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Instrument :

BNA_M

ClientSampleId :

CEM-BF006-01

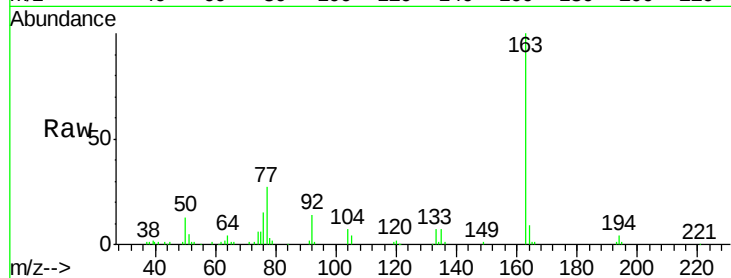
Tgt Ion:163 Resp: 131309

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

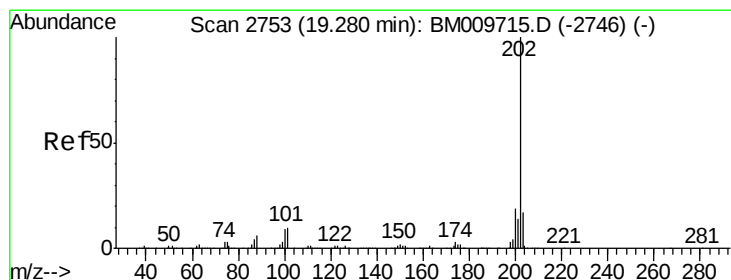
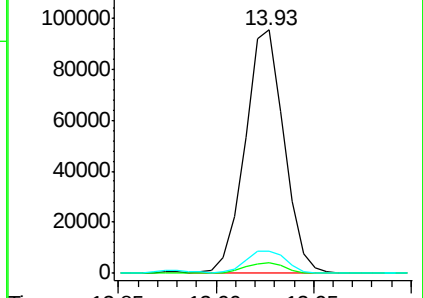
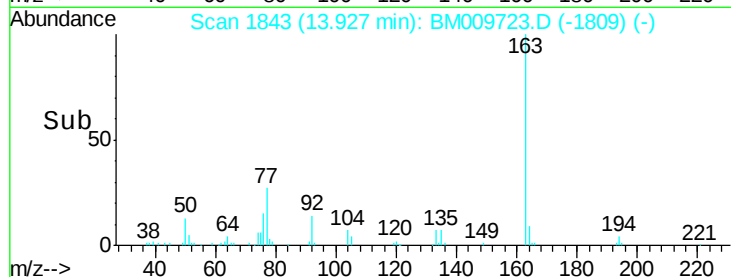
164 9.3 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#74

Fluoranthene

Concen: 1.76 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM009723.D

Acq: 26 Apr 2017 17:00

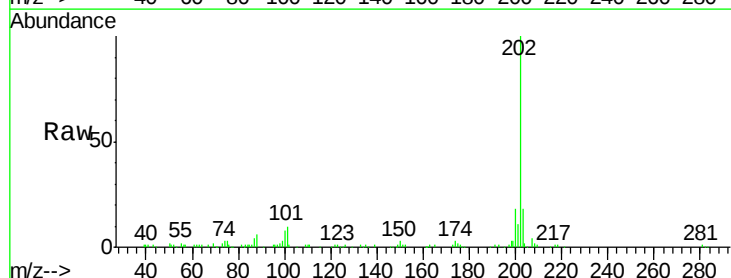
Tgt Ion:202 Resp: 129851

Ion Ratio Lower Upper

202 100

101 10.1 5.7 8.5#

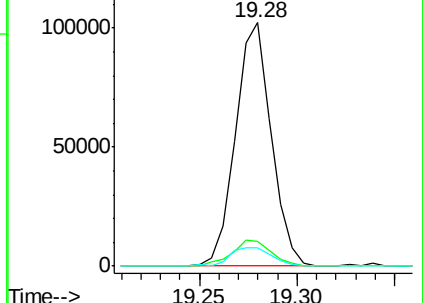
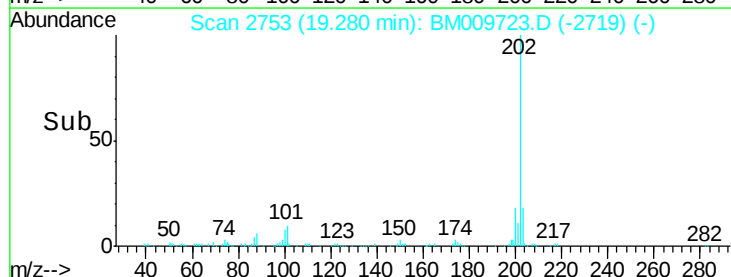
100 7.5 4.6 7.0#

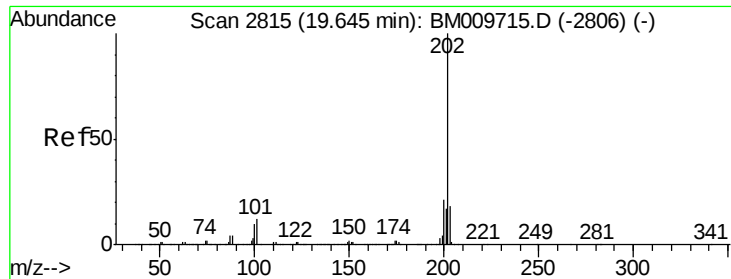


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.62 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM009723.D

Acq: 26 Apr 2017 17:00

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BNA_M

ClientSampleId :

CEM-BF006-01

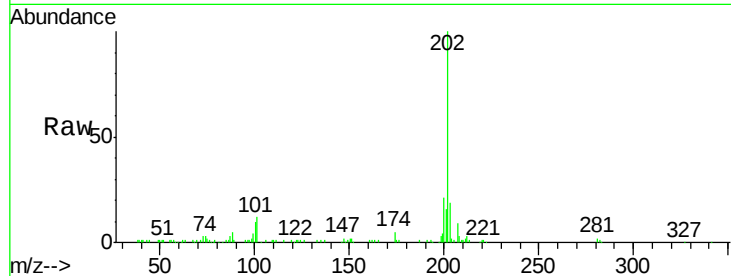
Tgt Ion:202 Resp: 121819

Ion Ratio Lower Upper

202 100

101 11.9 6.2 9.4#

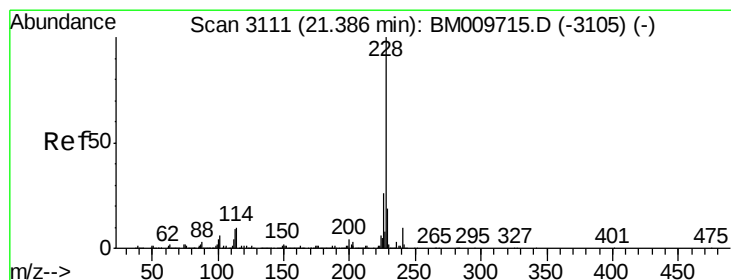
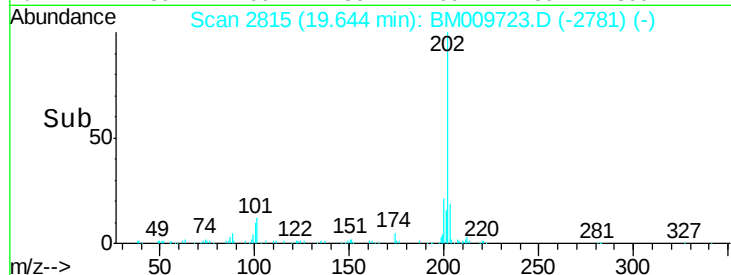
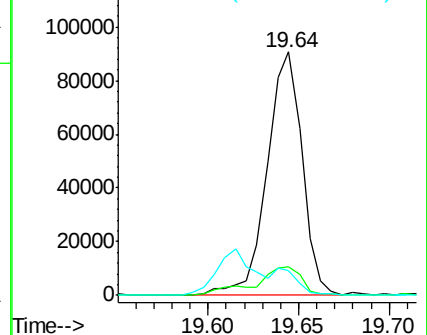
100 10.3 6.4 9.6#



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



#80

Benzo(a)anthracene

Concen: 1.03 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM009723.D

Acq: 26 Apr 2017 17:00

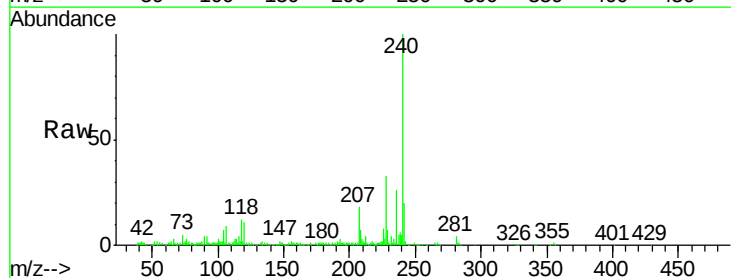
Tgt Ion:228 Resp: 81087

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.2

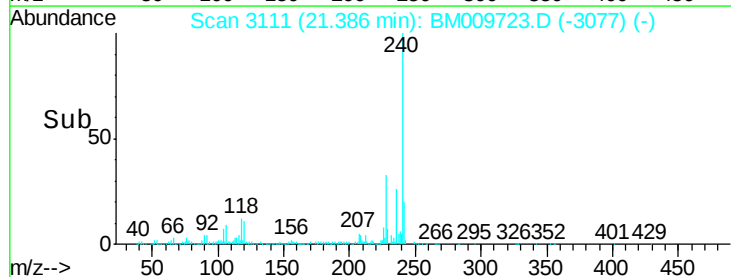
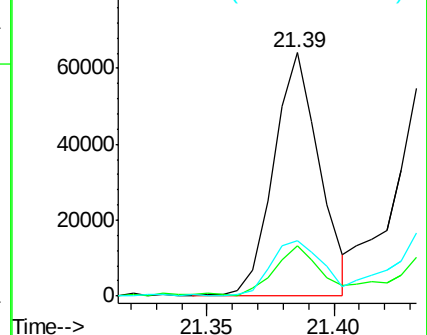
226 23.0 21.2 31.8

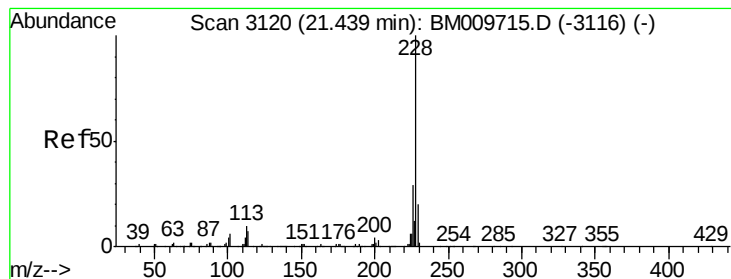


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.20 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM009723.D

Acq: 26 Apr 2017 17:00

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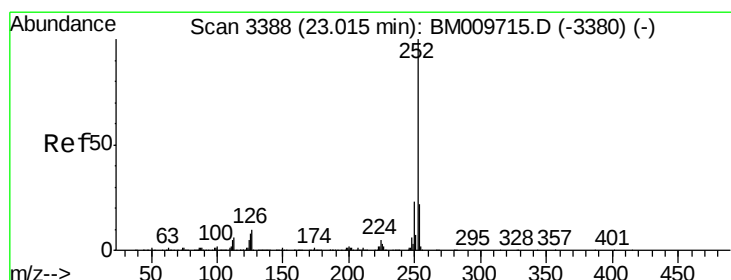
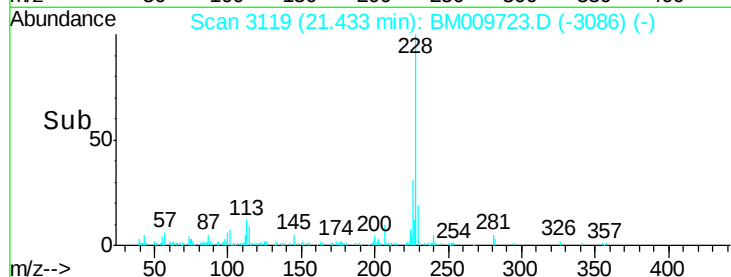
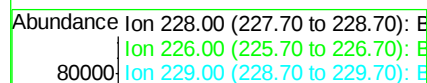
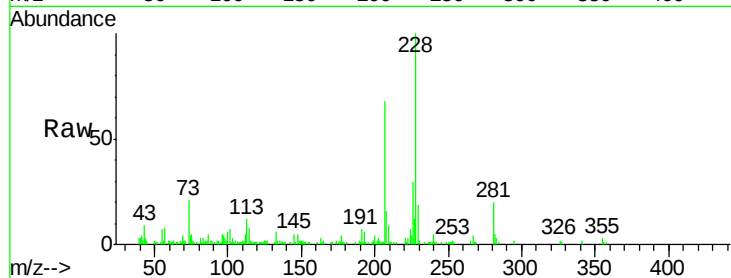
Tgt Ion:228 Resp: 85334

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 18.9 15.4 23.2



#85

Benzo(b)fluoranthene

Concen: 1.42 ng/ul

RT: 23.01 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BM009723.D

Acq: 26 Apr 2017 17:00

Tgt Ion:252 Resp: 107297

Ion Ratio Lower Upper

252 100

253 19.6 17.0 25.4

125 8.8 3.7 5.5#

