

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013124.D
 Acq On : 27 Nov 2017 23:10
 Operator : SJ/JU
 Sample : I6496-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 28 01:53:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 01:49:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	257954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1154856	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	740116	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1710557	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1973699	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1830597	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14592	2.62	ng/uL	0.00
5) Phenol-d5	6.89	99	363071	16.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	223124	17.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	289235	16.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	300798	16.43	ng/ul	-0.01
19) Nitrobenzene-d5	8.86	128	162921	19.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	170387	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	316892	15.95	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.63	131	418960	20.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1267230	19.52	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1499108	18.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	65195	6.62	ng/ul	-0.01
57) Fluorene-d10	15.34	176	1052873	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	49401	6.66	ng/ul	0.00
70) Anthracene-d10	17.19	188	1688464	19.28	ng/ul	0.00
76) Pyrene-d10	19.49	212	1972435	19.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1952546	21.03	ng/ul	0.00

Target Compounds

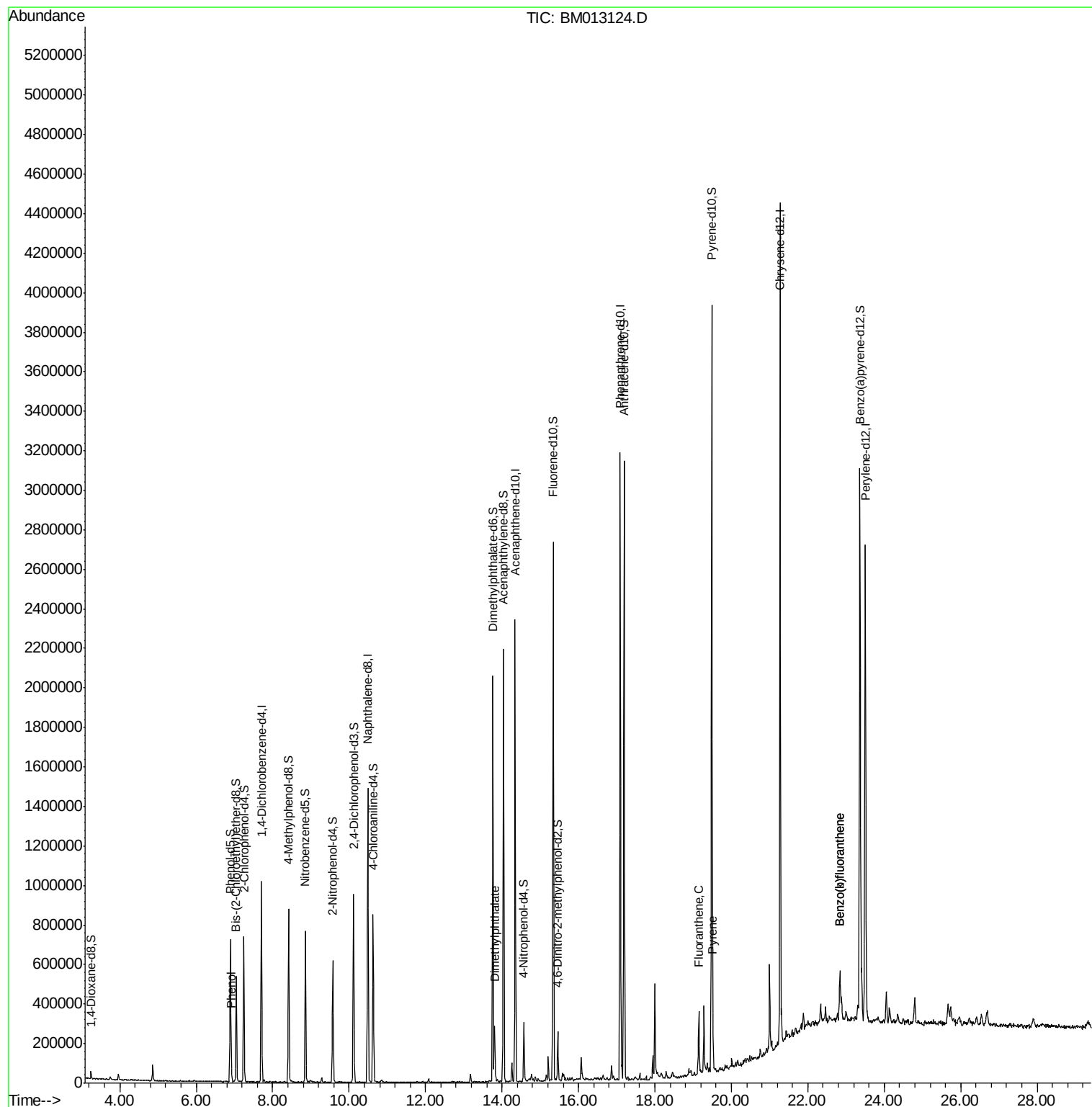
						Ovalue
6) Phenol	6.92	94	50188	2.28	ng/ul#	80
44) Dimethylphthalate	13.81	163	163642	2.64	ng/ul	99
74) Fluoranthene	19.15	202	169873	1.46	ng/ul#	90
77) Pyrene	19.52	202	155475	1.27	ng/ul#	96
85) Benzo(b)fluoranthene	22.83	252	129784	1.10	ng/ul#	96
86) Benzo(k)fluoranthene	22.83	252	129784	1.19	ng/ul#	94

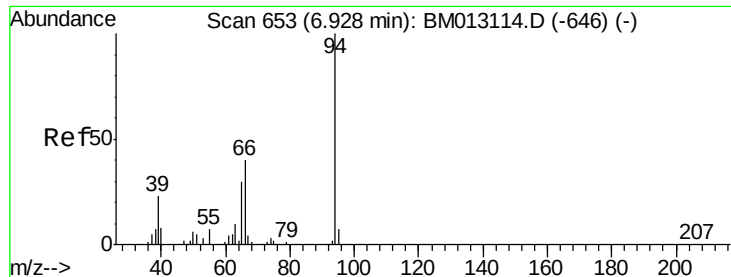
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.28 ng/ul

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM013124.D

Acq: 27 Nov 2017 23:10

Instrument :

BNA_M

ClientSampleId :

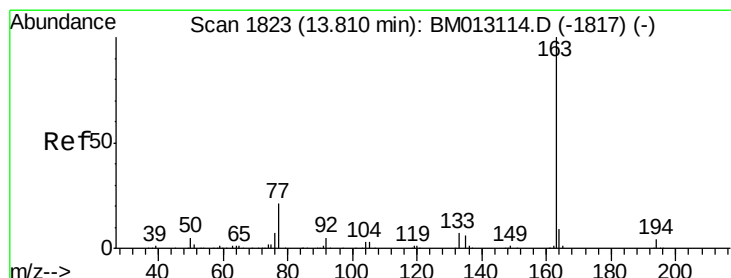
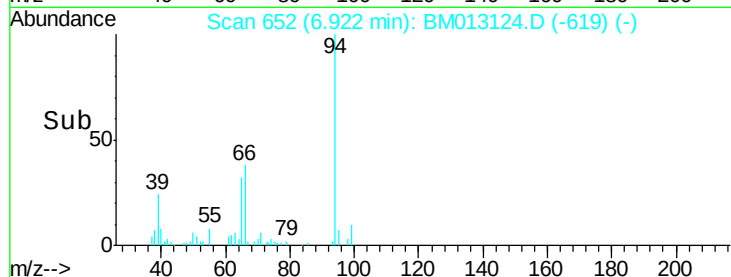
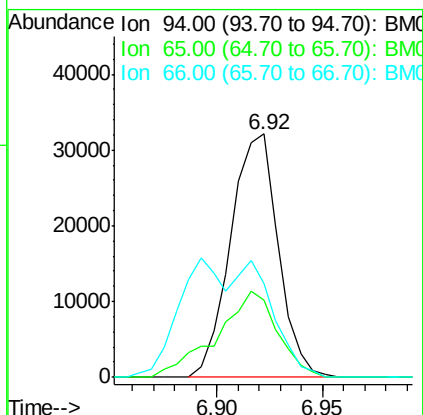
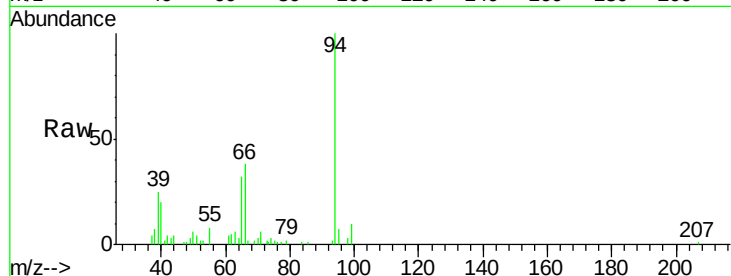
Tot Ion: 94 Resp: 50188

Ion Ratio Lower Upper

94 100

65 31.7 28.2 42.4

66 38.3 47.2 70.8#



#44

Dimethylphthalate

Concen: 2.64 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM013124.D

Acq: 27 Nov 2017 23:10

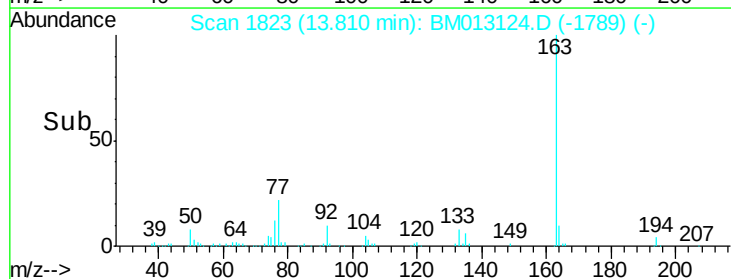
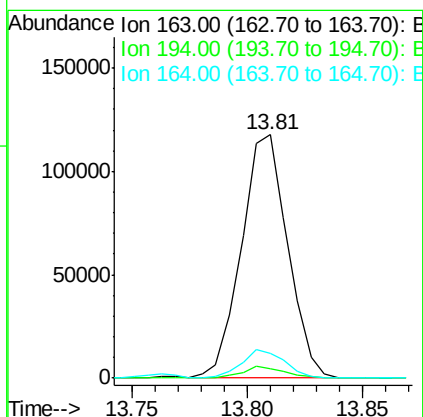
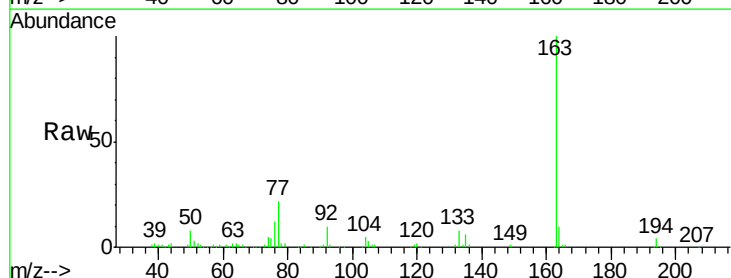
Tgt Ion:163 Resp: 163642

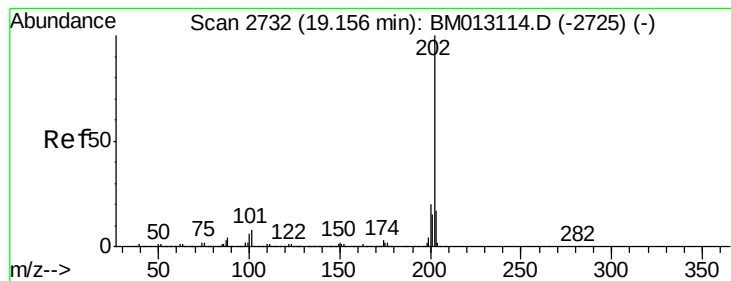
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.4 8.2 12.4





#74

Fluoranthene

Concen: 1.46 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM013124.D

Acq: 27 Nov 2017 23:10

Instrument :

BNA_M

ClientSampleId :

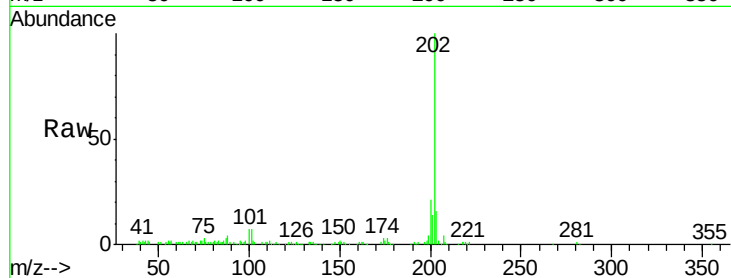
Tot Ion:202 Resp: 169873

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

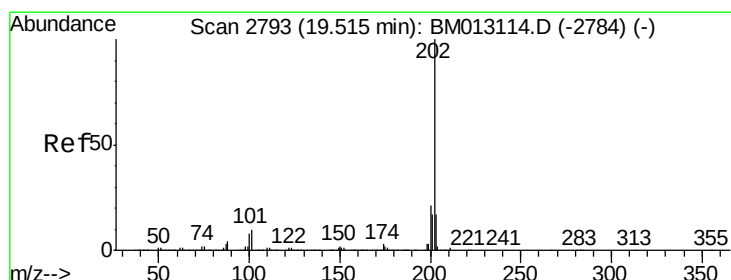
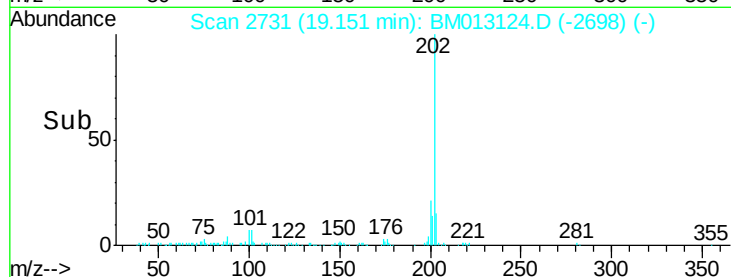
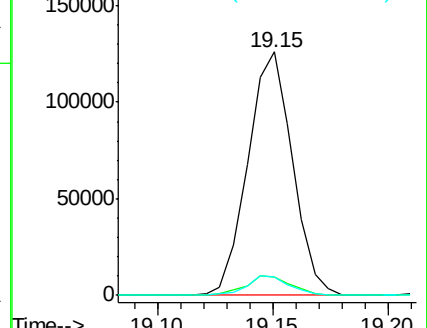
100 7.4 3.4 5.2#



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: 1.27 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013124.D

Acq: 27 Nov 2017 23:10

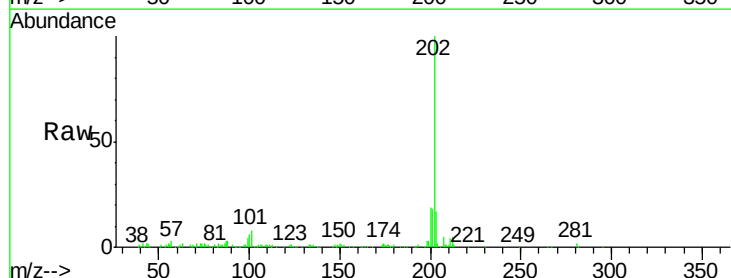
Tgt Ion:202 Resp: 155475

Ion Ratio Lower Upper

202 100

101 8.4 5.1 7.7#

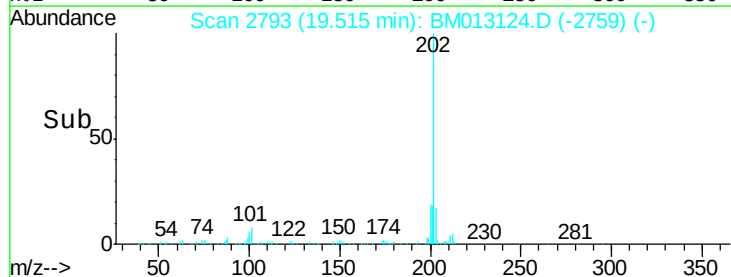
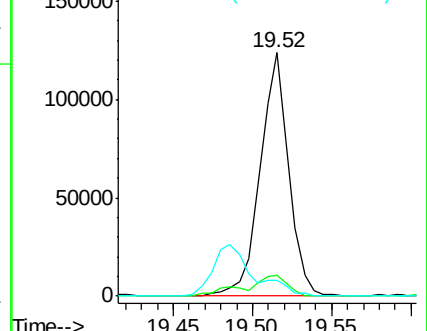
100 6.4 4.9 7.3

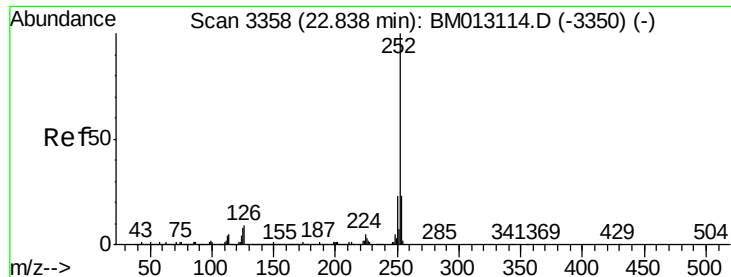


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.10 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM013124.D

Acq: 27 Nov 2017 23:10

Instrument :

BNA_M

ClientSampleId :

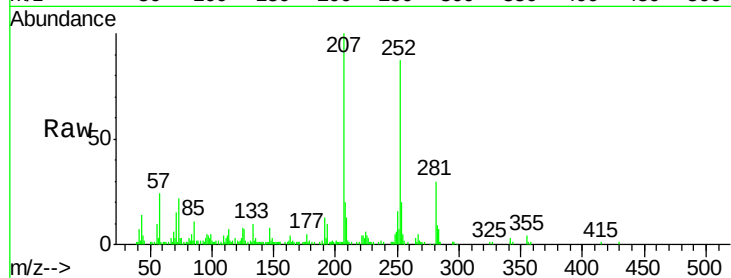
Tot Ion:252 Resp: 129784

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

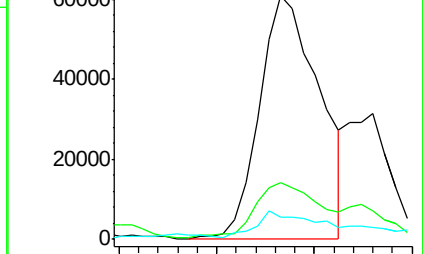
125 9.3 3.6 5.4#



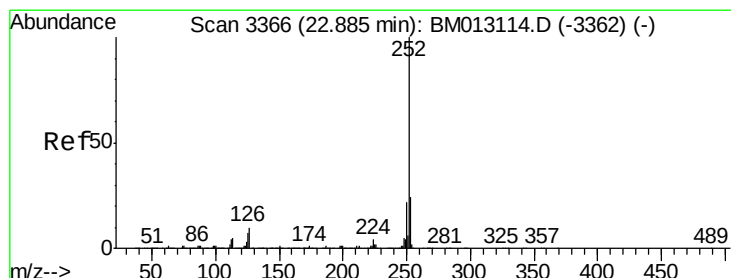
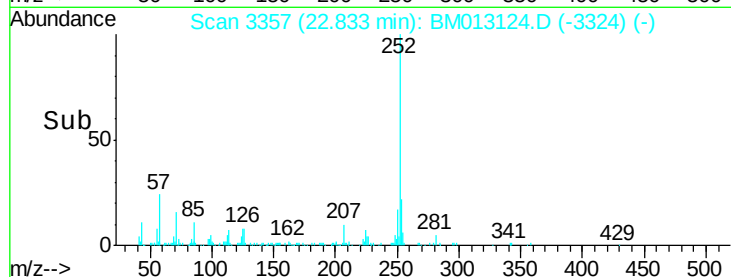
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.75 22.80 22.85



#86

Benzo(k)fluoranthene

Concen: 1.19 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.05 min

Lab File: BM013124.D

Acq: 27 Nov 2017 23:10

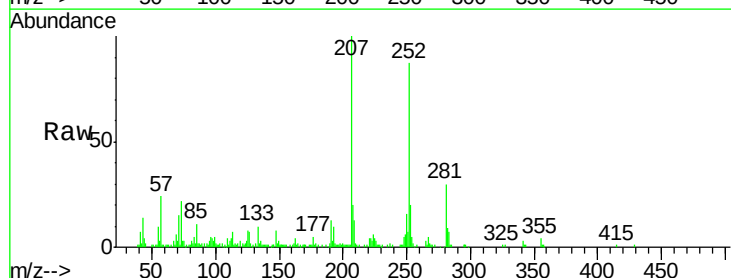
Tgt Ion:252 Resp: 129784

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

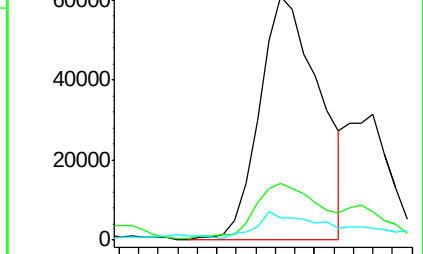
125 9.3 3.4 5.2#



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



Time--> 22.75 22.80 22.85

