

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013291.D
 Acq On : 09 Dec 2017 04:44
 Operator : SJ/JU
 Sample : I6758-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B16

Quant Time: Dec 11 00:49:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	237737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1082561	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	692046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1647041	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1927529	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1838628	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	10370	2.16	ng/uL	0.00
5) Phenol-d5	6.87	99	246566	11.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	154738	13.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	205714	12.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	216501	12.32	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	113881	13.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	120085	13.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	224168	11.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	133473	7.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	807351	13.11	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	965132	12.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	94775	8.86	ng/ul	0.00
57) Fluorene-d10	15.33	176	689530	13.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	93823	9.06	ng/ul	0.00
70) Anthracene-d10	17.18	188	1079520	13.09	ng/ul	0.00
76) Pyrene-d10	19.47	212	1234585	12.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1179075	12.59	ng/ul	0.00

Target Compounds

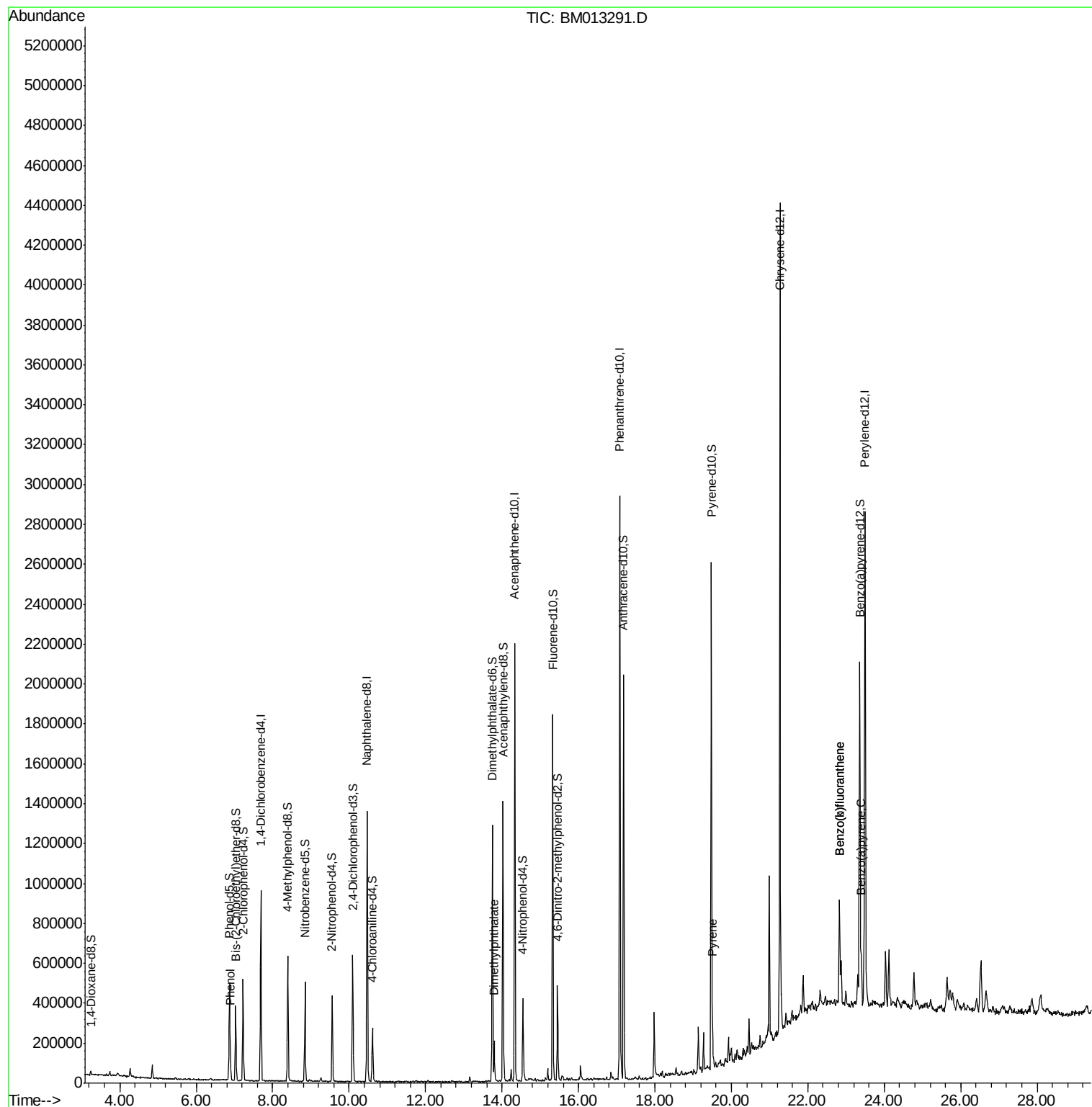
				Ovalue	
6) Phenol	6.89	94	37109	1.825	ng/ul# 83
44) Dimethylphthalate	13.79	163	112976	1.918	ng/ul 100
77) Pyrene	19.50	202	158857	1.357	ng/ul# 92
85) Benzo(b)fluoranthene	22.83	252	250887	2.024	ng/ul# 96
86) Benzo(k)fluoranthene	22.83	252	250887	2.151	ng/ul# 94
88) Benzo(a)pyrene	23.40	252	127547	1.146	ng/ul# 96

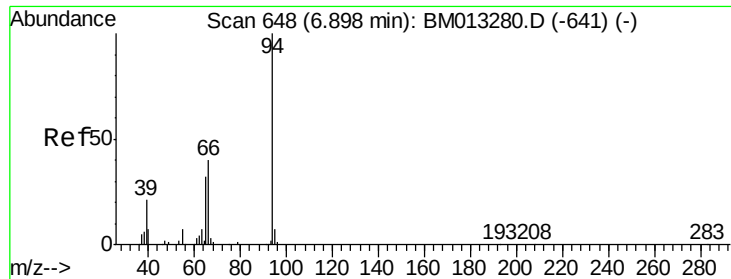
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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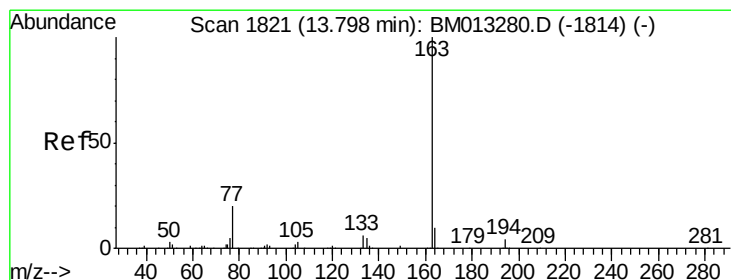
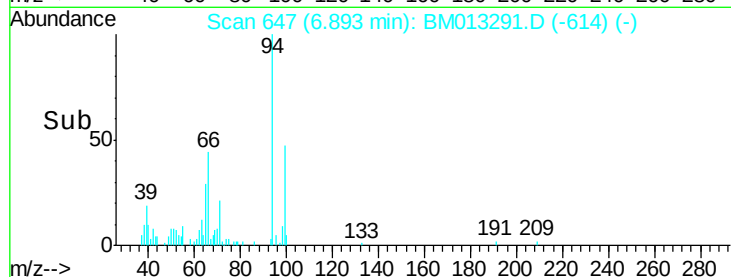
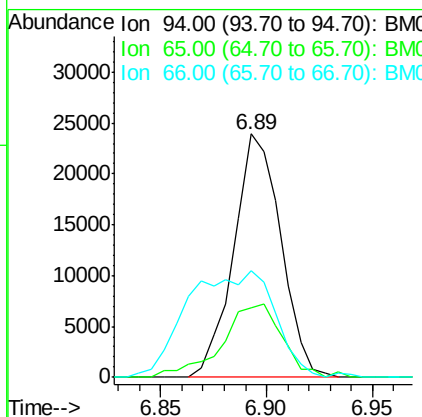
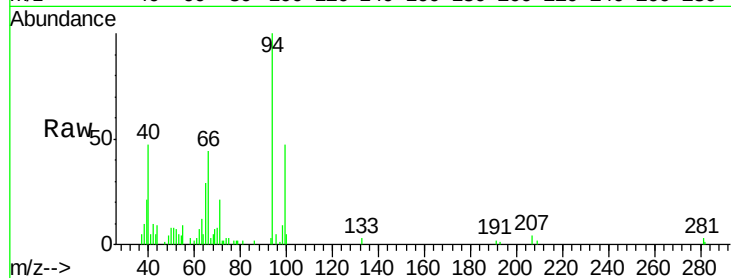
#6

Phenol

Concen: 1.825 ng/ul
 RT: 6.89 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM013291.D
 Acq: 09 Dec 2017 04:44

Instrument :
 BNA_M
 ClientSampleId :
 F9B16

Tot Ion: 94 Resp: 37109
 Ion Ratio Lower Upper
 94 100
 65 28.7 28.2 42.4
 66 43.6 47.2 70.8#

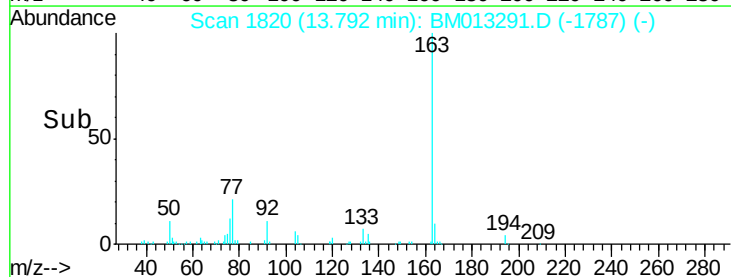
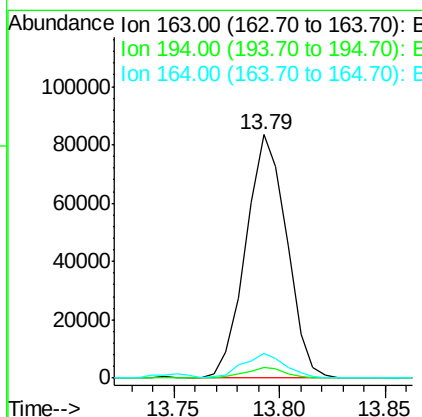
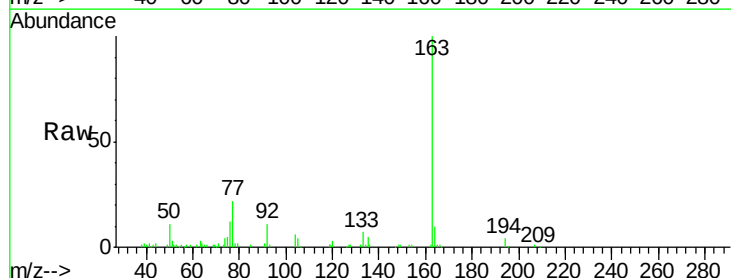


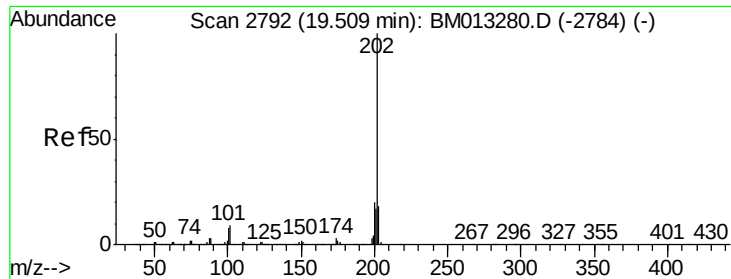
#44

Dimethylphthalate

Concen: 1.918 ng/ul
 RT: 13.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BM013291.D
 Acq: 09 Dec 2017 04:44

Tgt Ion: 163 Resp: 112976
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 10.1 8.2 12.4





#77

Pvrene

Concen: 1.357 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM013291.D

Acq: 09 Dec 2017 04:44

Instrument :

BNA_M

ClientSampleId :

F9B16

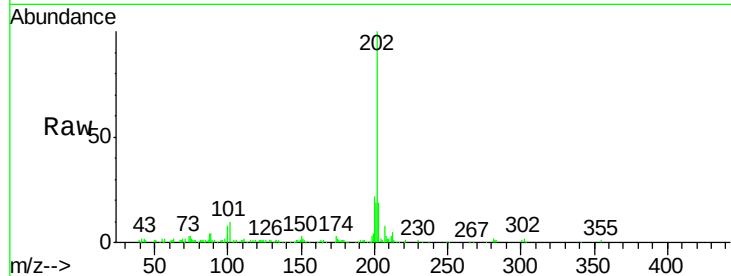
Tot Ion:202 Resp: 158857

Ion Ratio Lower Upper

202 100

101 10.0 5.1 7.7#

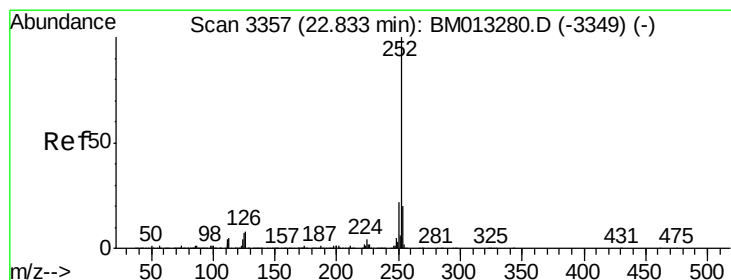
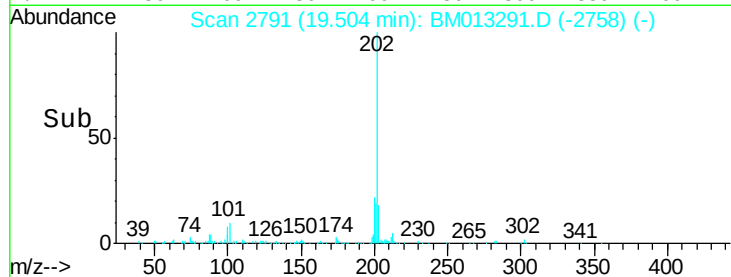
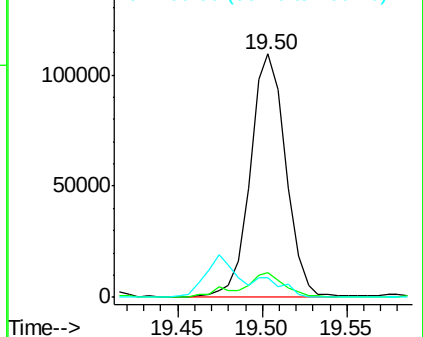
100 8.2 4.9 7.3#



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: 2.024 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM013291.D

Acq: 09 Dec 2017 04:44

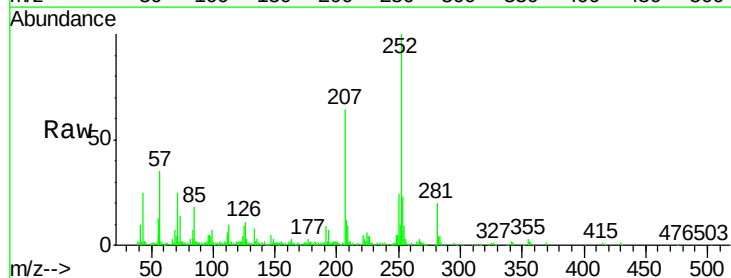
Tgt Ion:252 Resp: 250887

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

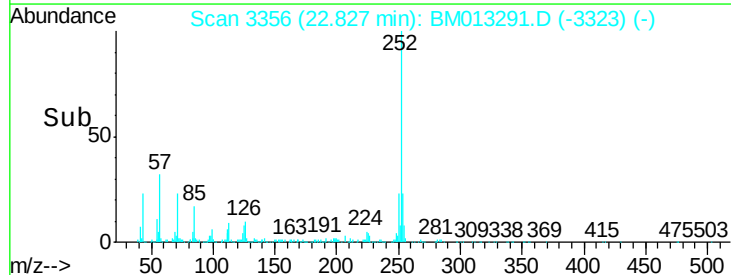
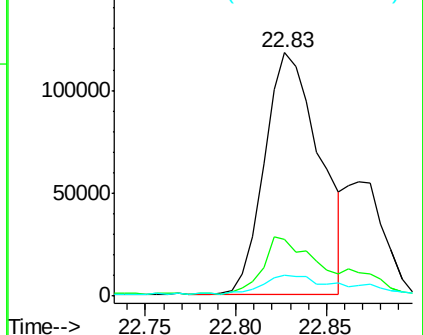
125 8.6 3.6 5.4#

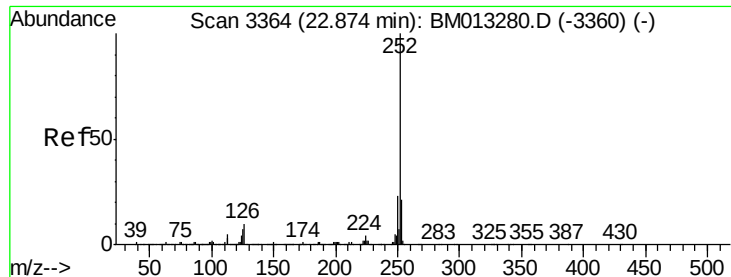


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.151 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM013291.D

Acq: 09 Dec 2017 04:44

Instrument :

BNA_M

ClientSampleId :

F9B16

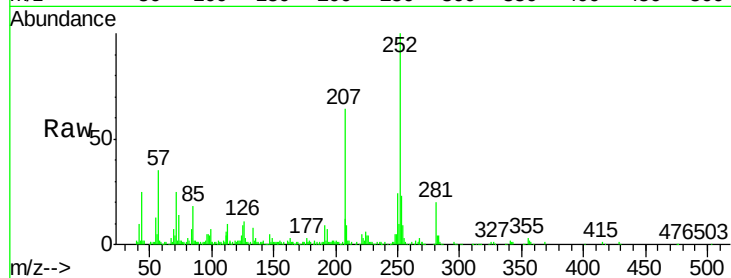
Tot Ion:252 Resp: 250887

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

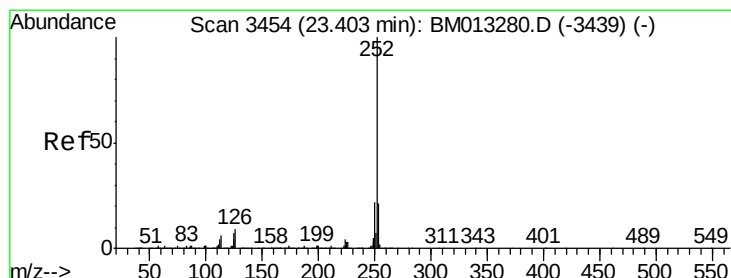
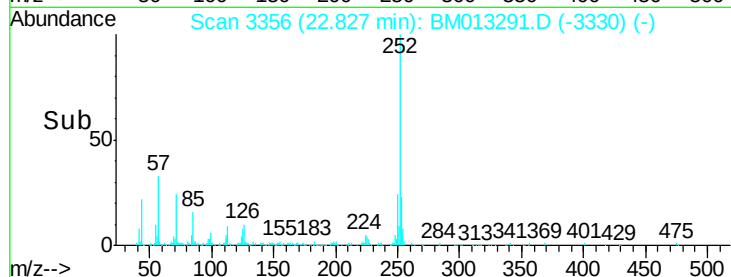
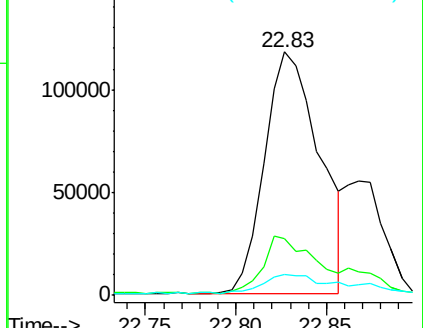
125 8.6 3.4 5.2#



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



#88

Benzo(a)pyrene

Concen: 1.146 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM013291.D

Acq: 09 Dec 2017 04:44

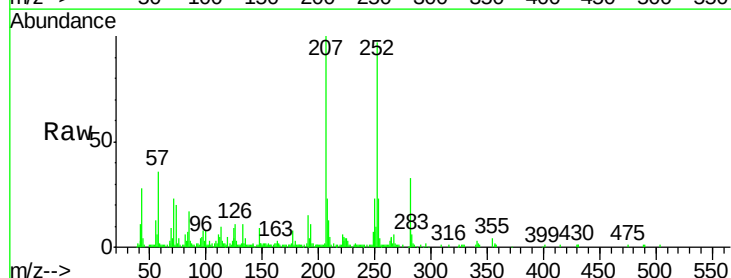
Tgt Ion:252 Resp: 127547

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

125 8.8 4.0 6.0#



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

