

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013223.D
 Acq On : 06 Dec 2017 23:20
 Operator : SJ/JU
 Sample : I6647-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0247

Quant Time: Dec 07 04:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 07 04:35:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	237720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1043798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	623192	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1463609	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1608957	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1305256	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	23121	4.82	ng/uL	0.00
5) Phenol-d5	6.87	99	540007	26.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	319252	27.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	434243	27.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	470405	26.77	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	230785	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	253077	28.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	485639	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	531064	31.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1574649	28.39	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2006784	29.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	238309	24.73	ng/ul	0.00
57) Fluorene-d10	15.33	176	1352368	28.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	205391	22.31	ng/ul	0.00
70) Anthracene-d10	17.19	188	2116163	28.87	ng/ul	0.00
76) Pyrene-d10	19.49	212	2444213	30.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1927173	28.99	ng/ul	0.00

Target Compounds

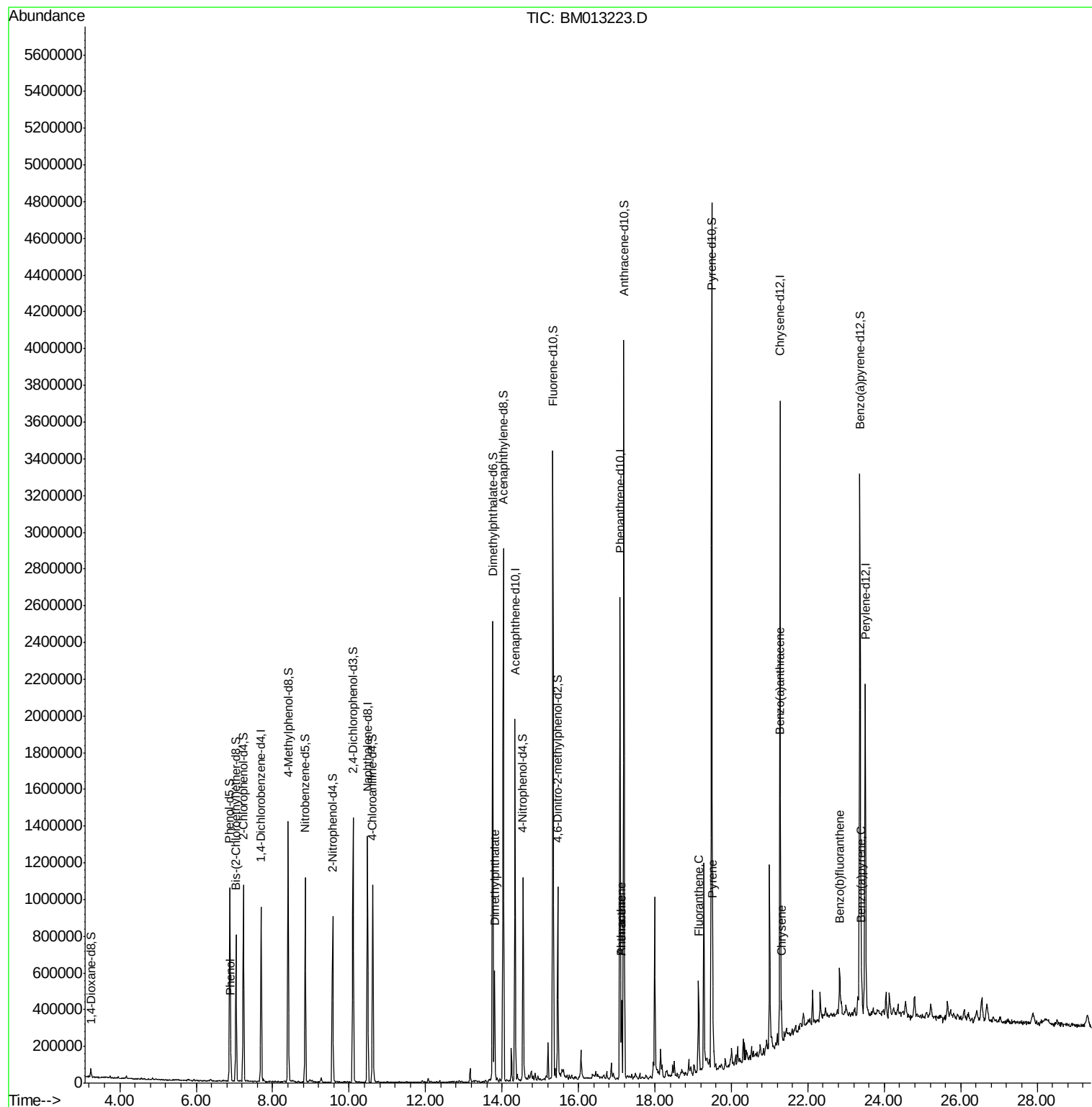
					Ovalue	
6) Phenol	6.90	94	62379	3.068	ng/ul#	84
44) Dimethylphthalate	13.80	163	351214	6.622	ng/ul	99
69) Phenanthrene	17.13	178	245779	2.956	ng/ul	99
71) Anthracene	17.13	178	245779	2.892	ng/ul	99
74) Fluoranthene	19.14	202	251686	2.470	ng/ul#	96
77) Pyrene	19.51	202	291015	2.977	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	104440	1.023	ng/ul#	93
82) Chrysene	21.31	228	124214	1.312	ng/ul#	96
85) Benzo(b)fluoranthene	22.83	252	131393	1.493	ng/ul#	93
88) Benzo(a)pyrene	23.40	252	81190	1.027	ng/ul#	96

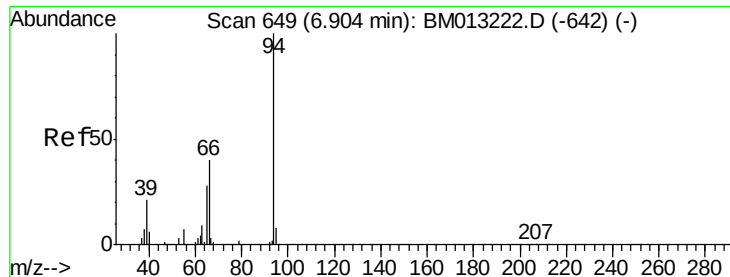
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.068 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

Instrument :

BNA_M

ClientSampleId :

C0247

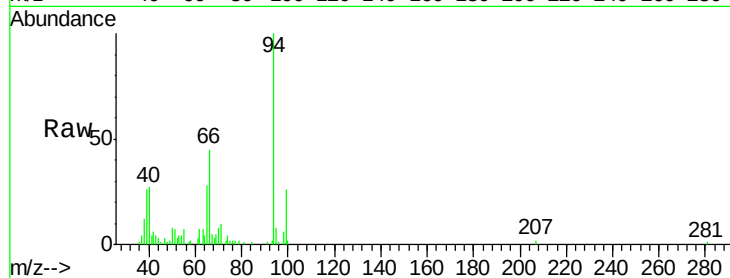
Tot Ion: 94 Resp: 62379

Ion Ratio Lower Upper

94 100

65 27.7 28.2 42.4#

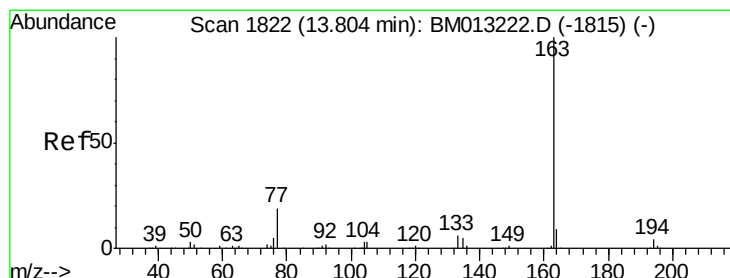
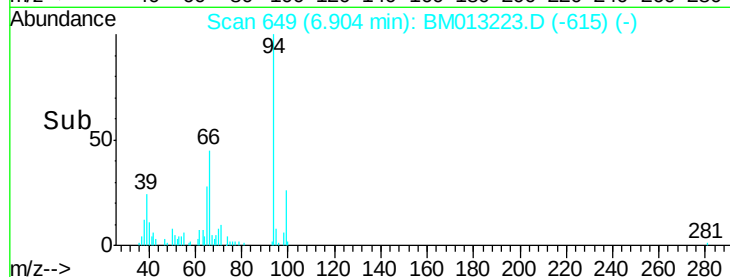
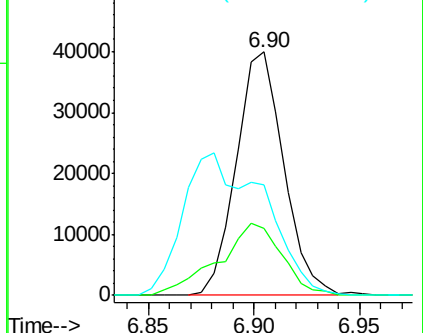
66 45.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013223.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM013223.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM013223.D (-642) (-)



#44

Dimethylphthalate

Concen: 6.622 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

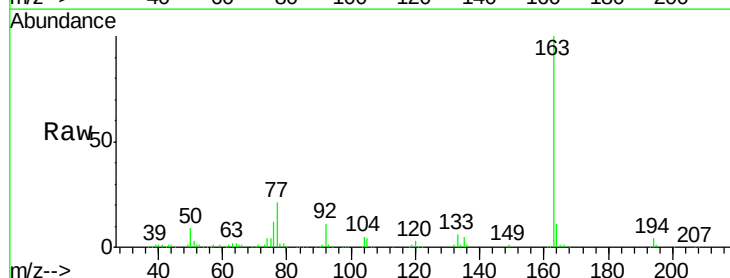
Tgt Ion:163 Resp: 351214

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

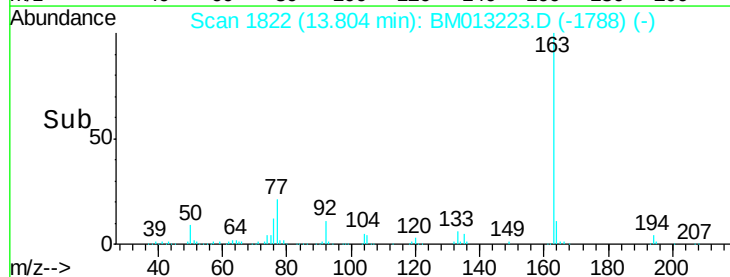
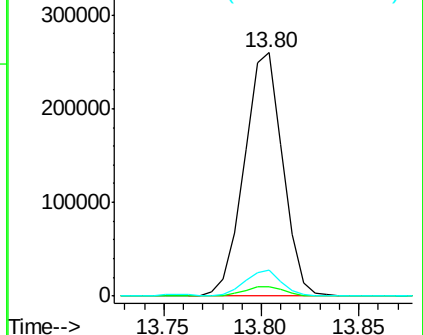
164 10.6 8.2 12.4

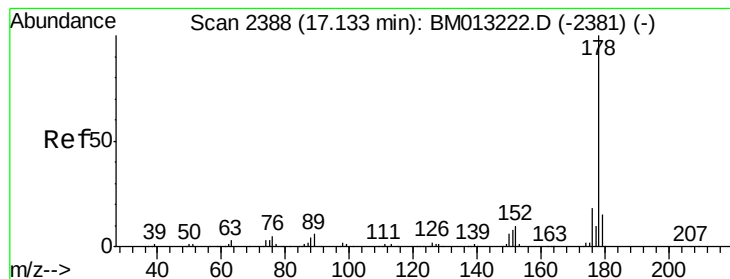


Abundance Ion 163.00 (162.70 to 163.70): BM013223.D (-1815) (-)

Ion 194.00 (193.70 to 194.70): BM013223.D (-1815) (-)

Ion 164.00 (163.70 to 164.70): BM013223.D (-1815) (-)





#69

Phenanthrene

Concen: 2.956 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

Instrument :

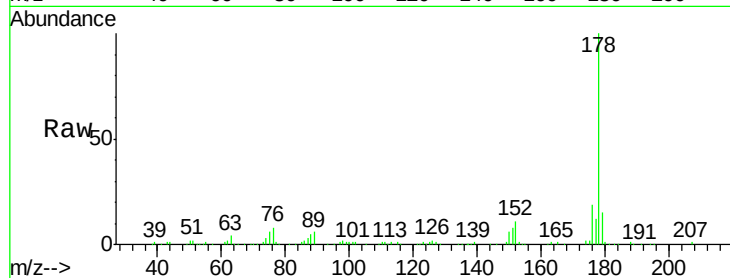
BNA_M

ClientSampleId :

C0247

Tot Ion:178 Resp: 245779

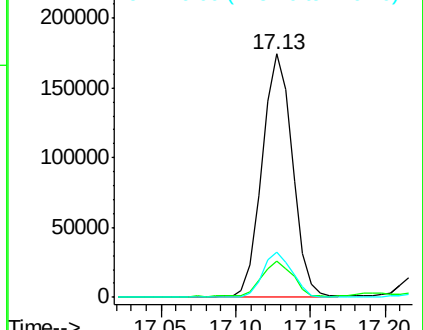
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.7	14.9	22.3



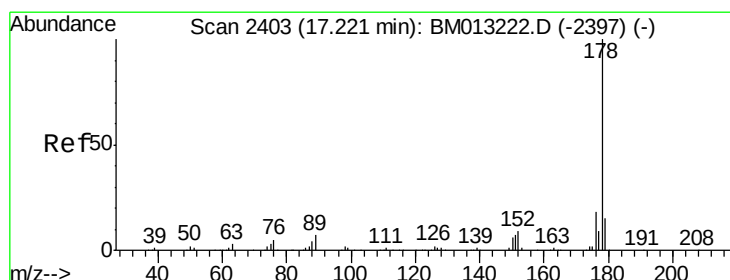
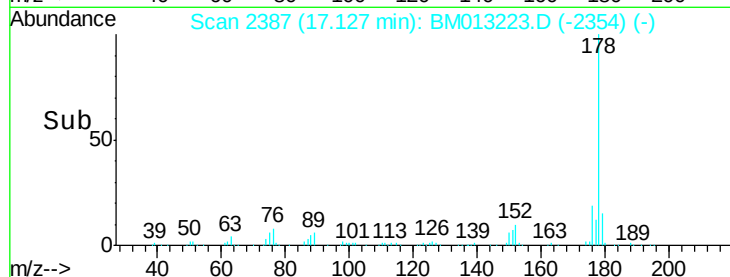
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 2.892 ng/ul

RT: 17.13 min Scan# 2387

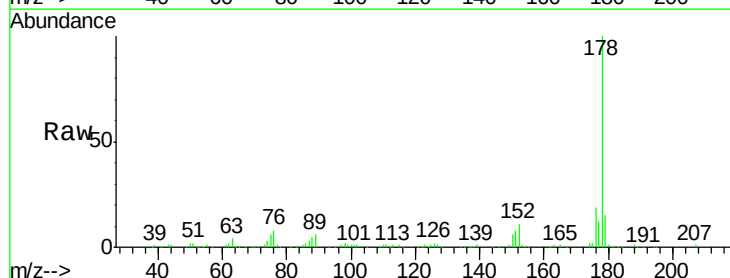
Delta R.T. -0.09 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

Tgt Ion:178 Resp: 245779

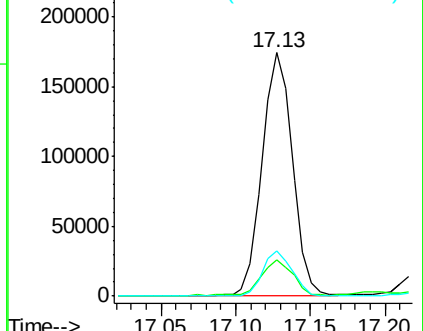
Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	18.7	14.6	21.8



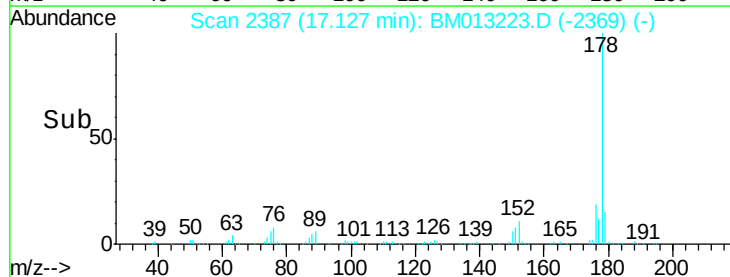
Abundance Ion 178.00 (177.70 to 178.70): E

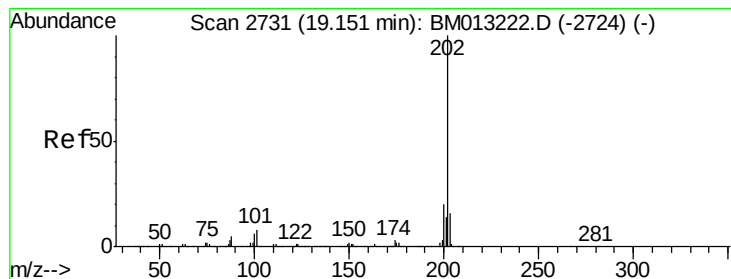
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#74

Fluoranthene

Concen: 2.470 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

Instrument :

BNA_M

ClientSampleId :

C0247

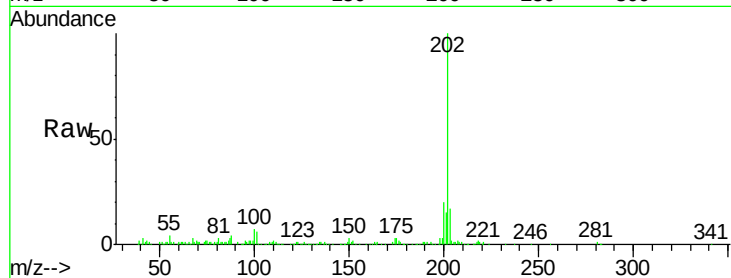
Tot Ion:202 Resp: 251686

Ion Ratio Lower Upper

202 100

101 6.0 4.6 7.0

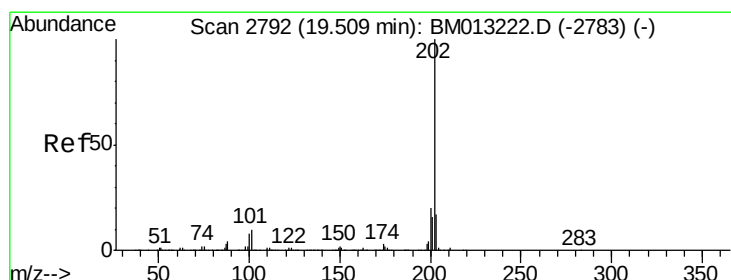
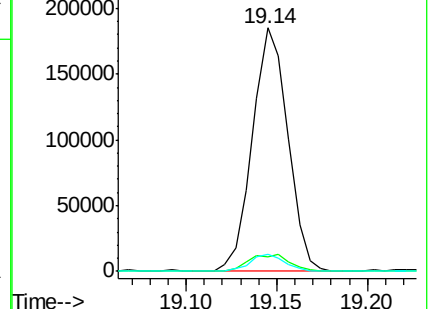
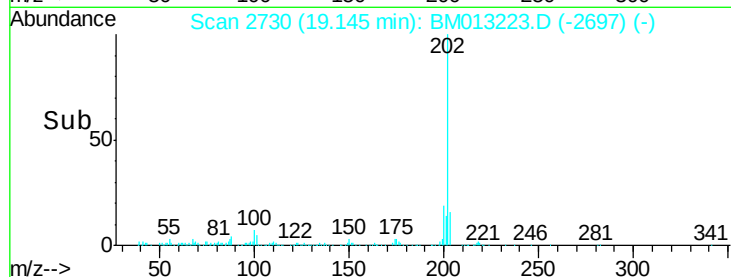
100 7.2 3.4 5.2#



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: 2.977 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

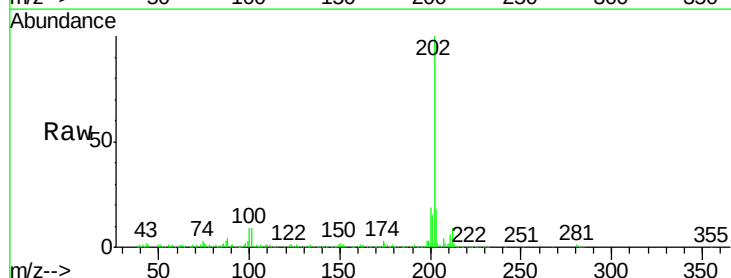
Tgt Ion:202 Resp: 291015

Ion Ratio Lower Upper

202 100

101 9.3 5.1 7.7#

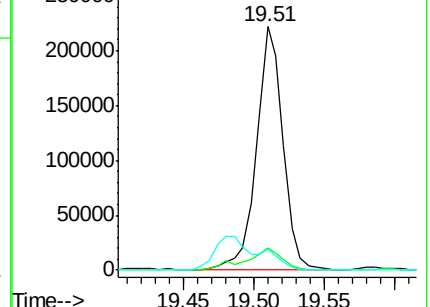
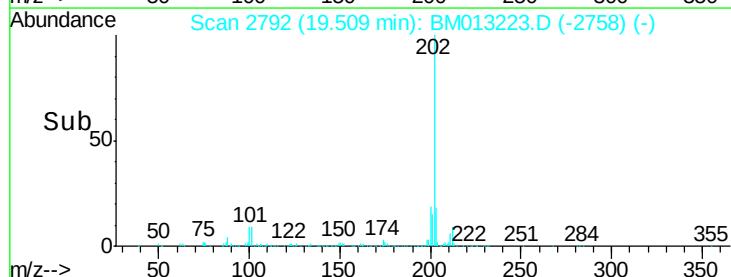
100 8.6 4.9 7.3#

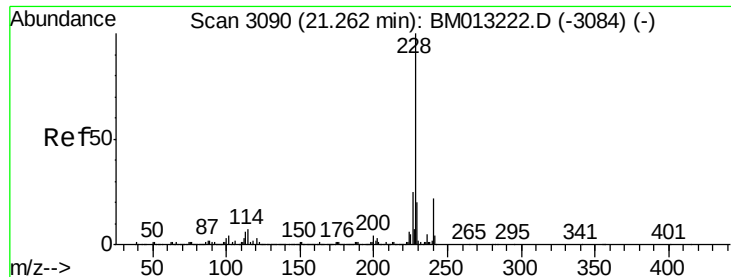


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.023 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

Instrument :

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ClientSampleId :

C0247

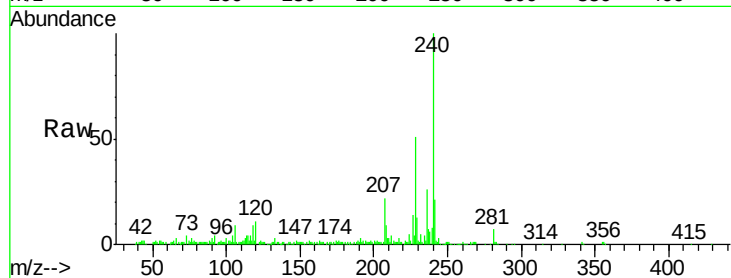
Tot Ion:228 Resp: 104440

Ion Ratio Lower Upper

228 100

229 25.3 15.4 23.0#

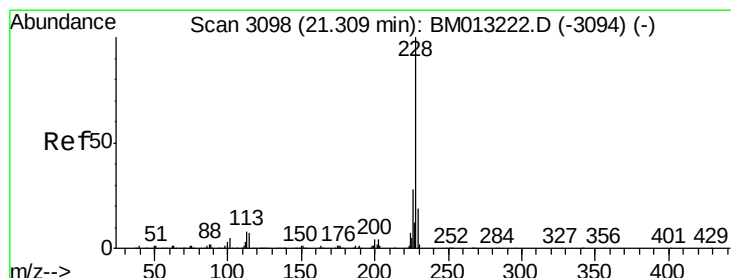
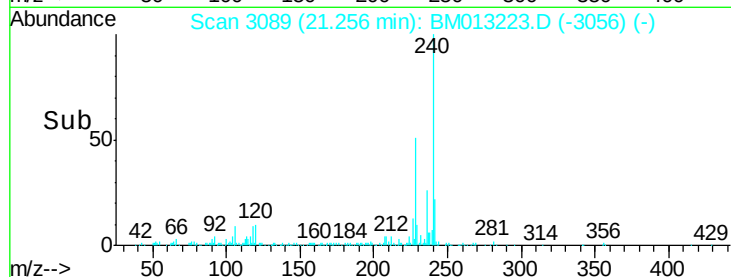
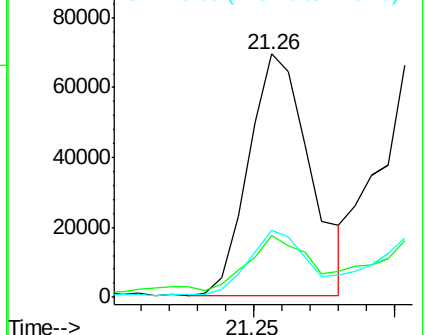
226 27.6 21.4 32.0



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: 1.312 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

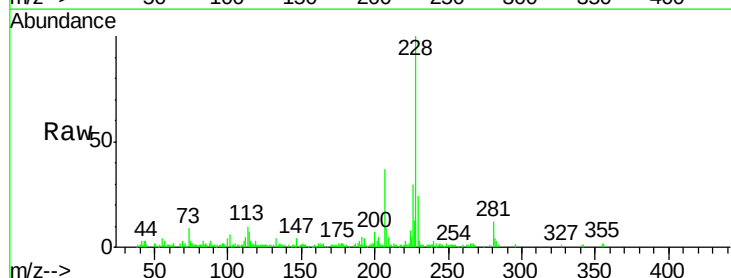
Tgt Ion:228 Resp: 124214

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

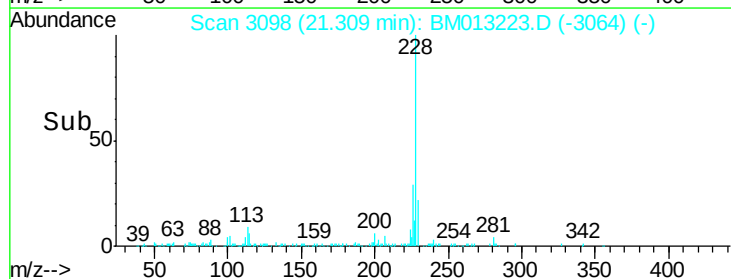
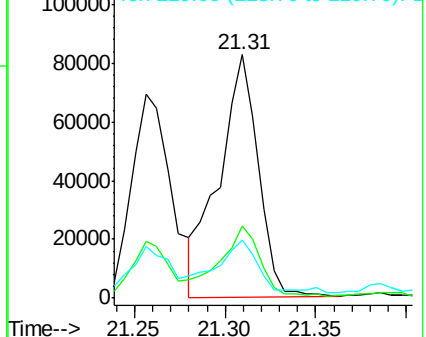
229 24.0 15.5 23.3#

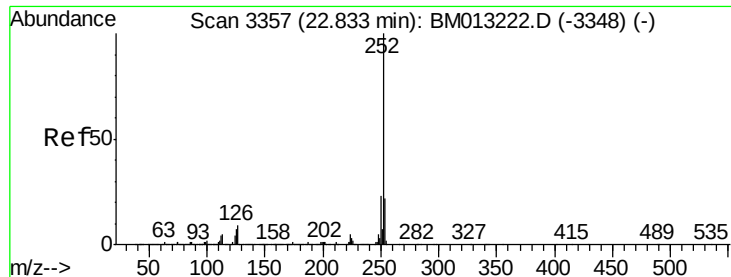


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.493 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

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C0247

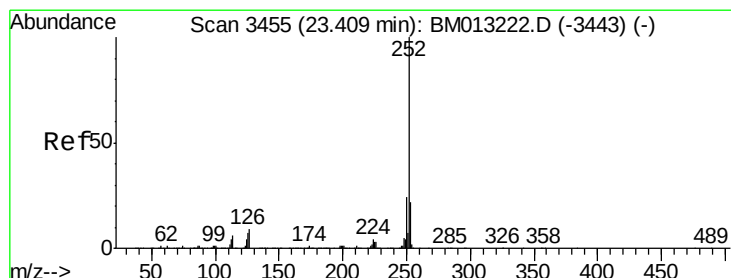
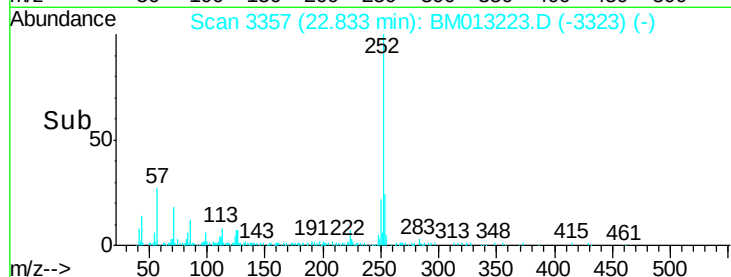
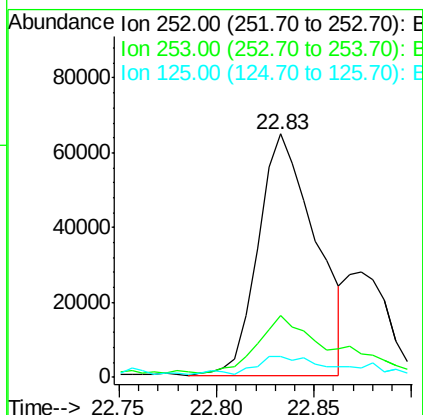
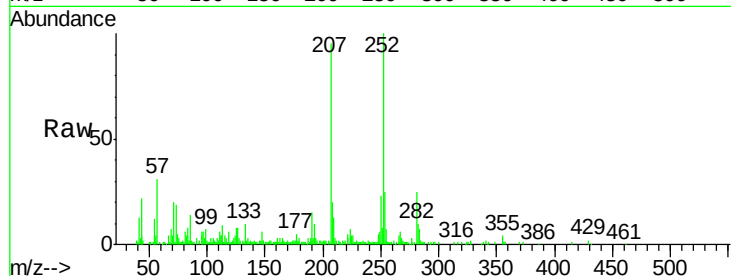
Tot Ion:252 Resp: 131393

Ion Ratio Lower Upper

252 100

253 25.4 17.9 26.9

125 8.5 3.6 5.4#



#88

Benzo(a)pyrene

Concen: 1.027 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM013223.D

Acq: 06 Dec 2017 23:20

Tgt Ion:252 Resp: 81190

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

125 8.7 4.0 6.0#

