

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012819.D
 Acq On : 08 Nov 2017 13:59
 Operator : SJ/JU
 Sample : I5955-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-10(3-5)-101617

Quant Time: Nov 09 01:32:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	120840	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	508994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	310164	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	646758	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	525978	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	584353	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	15754	7.04	ng/uL	0.00
5) Phenol-d5	6.98	99	344382	38.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	200857	41.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	300590	40.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	210271	27.09	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	155238	41.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	185656	43.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	321612	36.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	359656	42.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1065444	41.51	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1287768	40.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	119032	28.94	ng/ul	0.00
57) Fluorene-d10	15.43	176	880709	40.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	92543	21.67	ng/ul	0.00
70) Anthracene-d10	17.28	188	1215869	38.91	ng/ul	0.00
78) Pyrene-d10	19.57	212	1199364	49.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1199834	43.43	ng/ul	0.00

Target Compounds

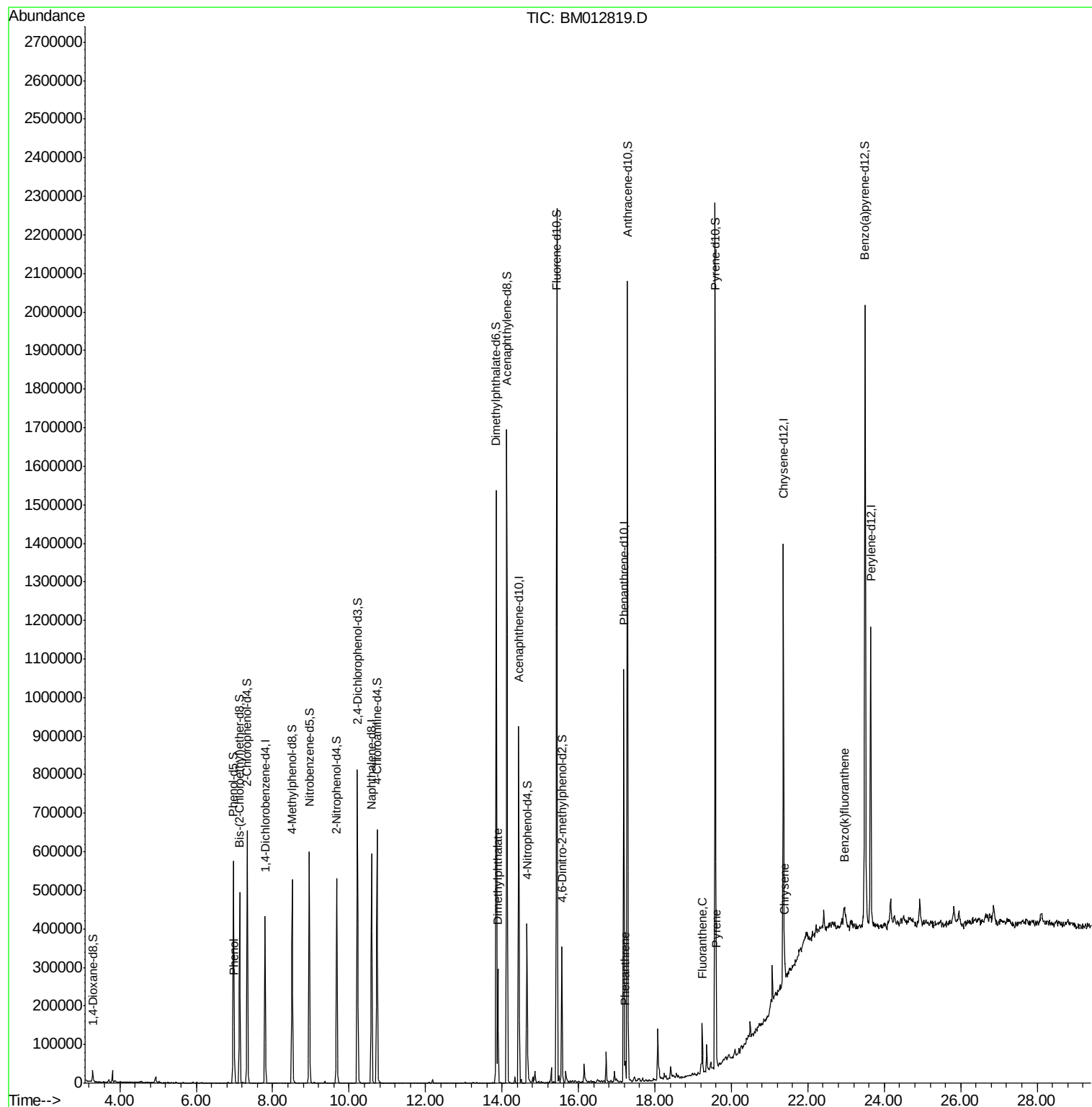
						Ovalue
6) Phenol	7.00	94	30460	3.30	ng/ul#	89
44) Dimethylphthalate	13.89	163	190654	7.49	ng/ul	96
69) Phenanthrene	17.22	178	52066	1.47	ng/ul	98
76) Fluoranthene	19.24	202	72041	1.70	ng/ul#	95
79) Pyrene	19.60	202	61059	1.95	ng/ul#	95
84) Chrysene	21.40	228	29005	1.01	ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	34975	1.03	ng/ul#	89

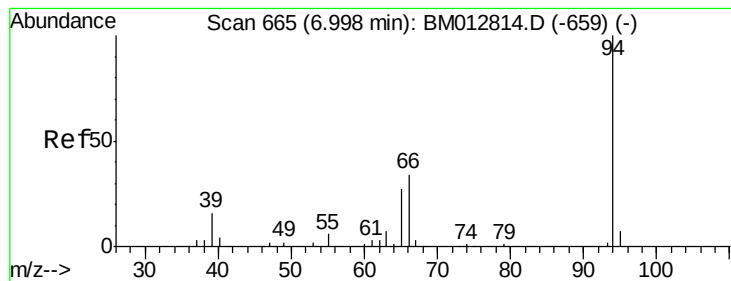
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.30 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM012819.D

Acq: 08 Nov 2017 13:59

Instrument :

BNA_M

ClientSampleId :

B-10(3-5)-101617

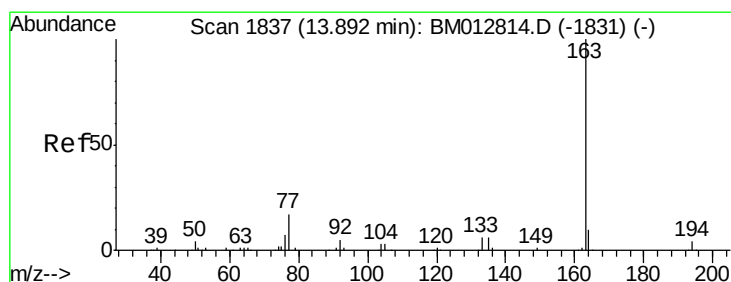
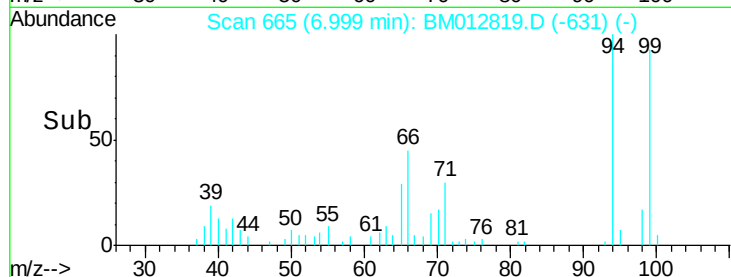
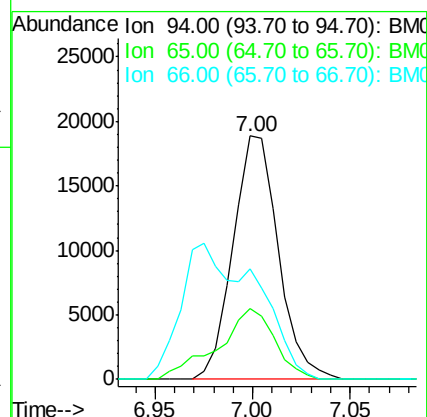
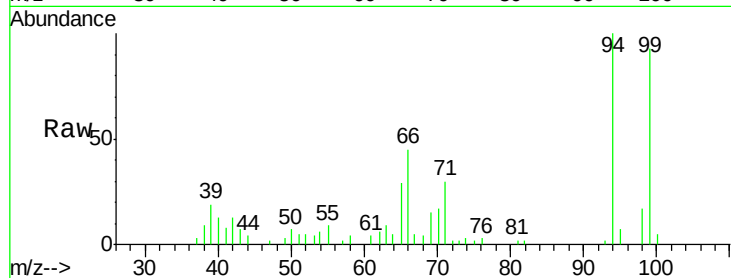
Tot Ion: 94 Resp: 30460

Ion Ratio Lower Upper

94 100

65 29.0 21.0 31.6

66 45.5 29.3 43.9#



#44

Dimethylphthalate

Concen: 7.49 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BM012819.D

Acq: 08 Nov 2017 13:59

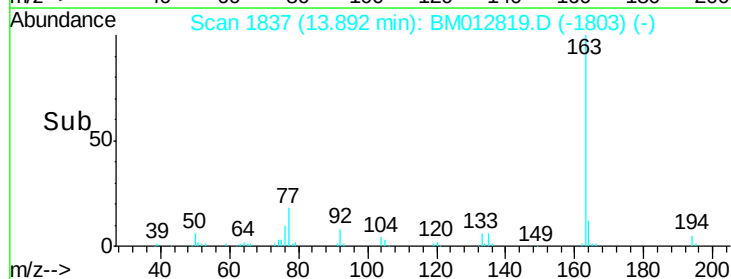
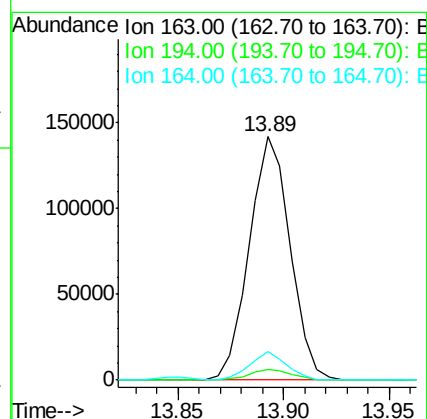
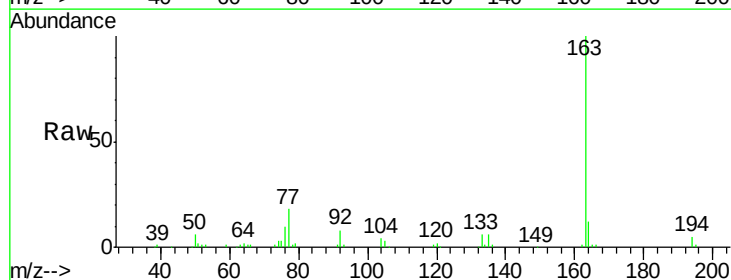
Tgt Ion: 163 Resp: 190654

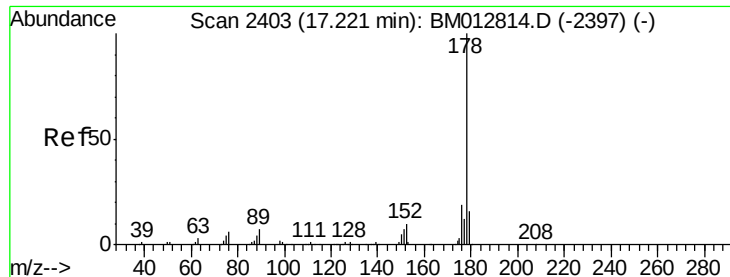
Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 11.6 7.8 11.8





#69

Phenanthrene

Concen: 1.47 ng/ul

RT: 17.22 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM012819.D

Acq: 08 Nov 2017 13:59

Instrument :

BNA_M

ClientSampleId :

B-10(3-5)-101617

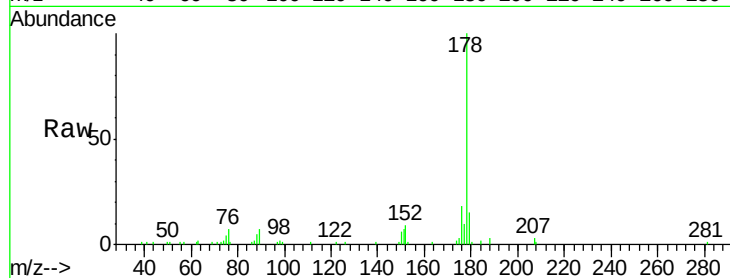
Tot Ion:178 Resp: 52066

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

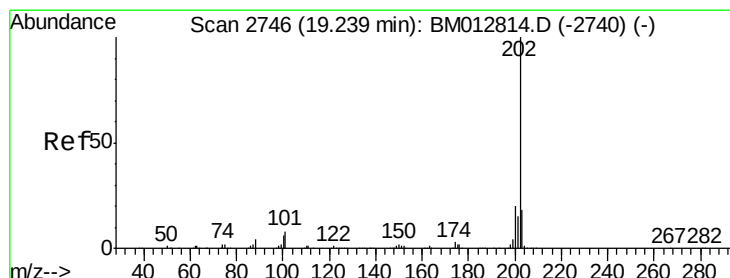
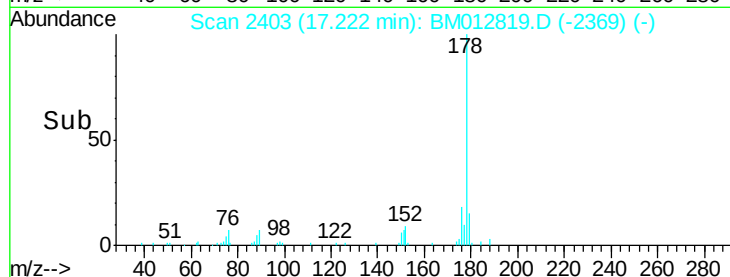
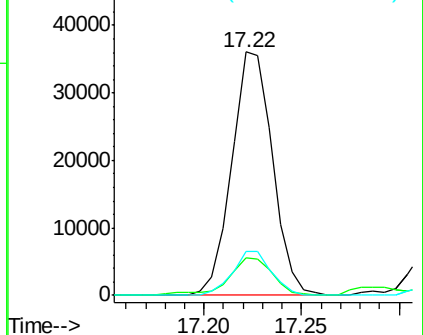
176 17.8 15.6 23.4



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



#76

Fluoranthene

Concen: 1.70 ng/ul

RT: 19.24 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM012819.D

Acq: 08 Nov 2017 13:59

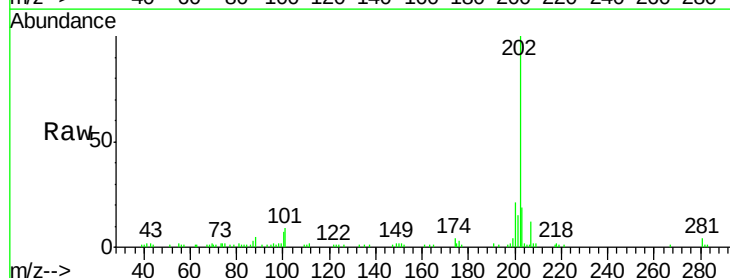
Tgt Ion:202 Resp: 72041

Ion Ratio Lower Upper

202 100

101 8.6 8.8 13.2#

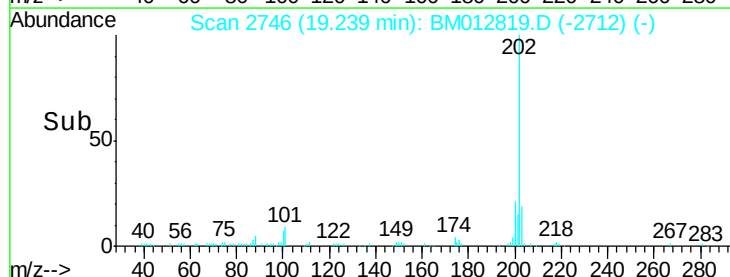
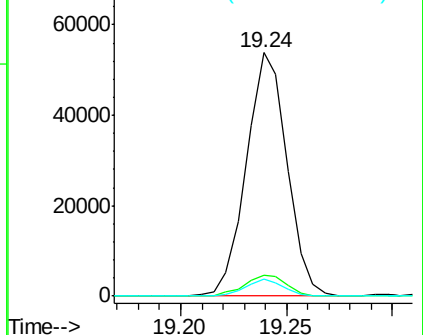
100 7.3 6.6 9.8

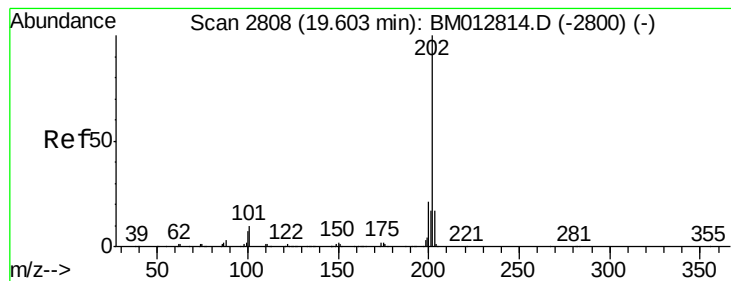


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 1.95 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM012819.D

Acq: 08 Nov 2017 13:59

Instrument :

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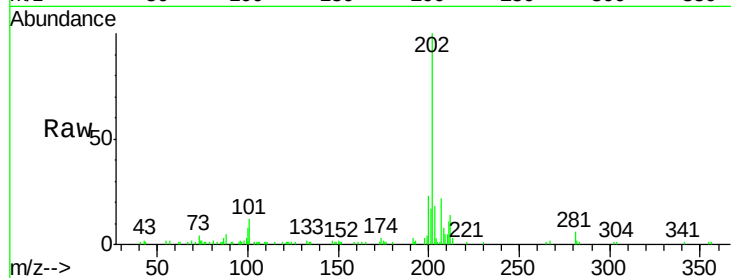
Tot Ion:202 Resp: 61059

Ion Ratio Lower Upper

202 100

101 11.6 10.2 15.2

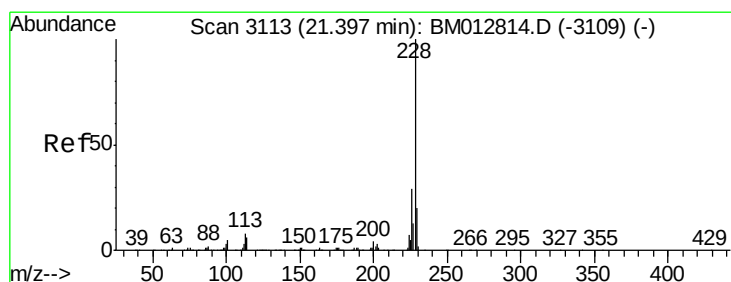
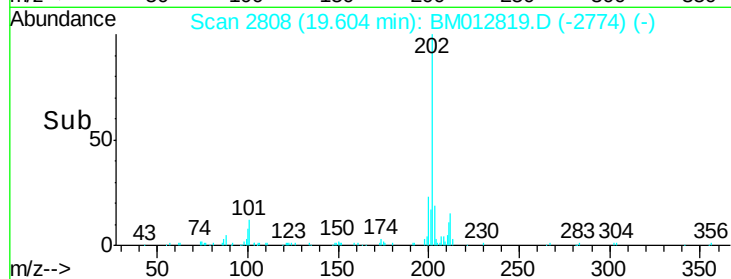
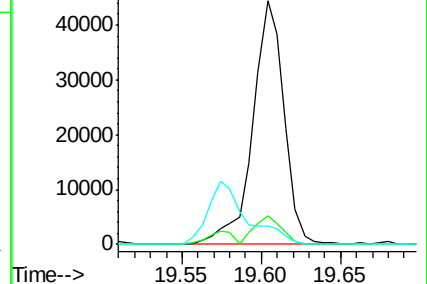
100 7.6 8.5 12.7#



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



#84

Chrysene

Concen: 1.01 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM012819.D

Acq: 08 Nov 2017 13:59

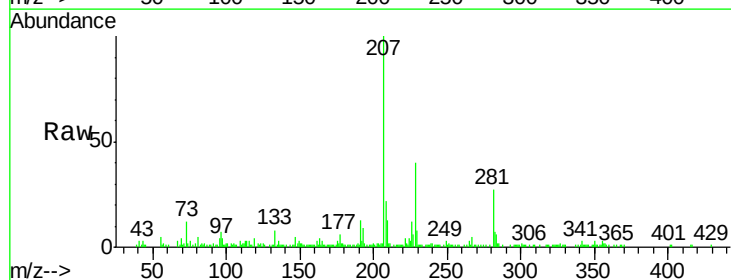
Tgt Ion:228 Resp: 29005

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

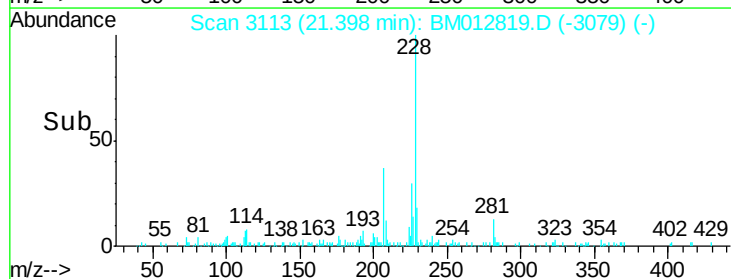
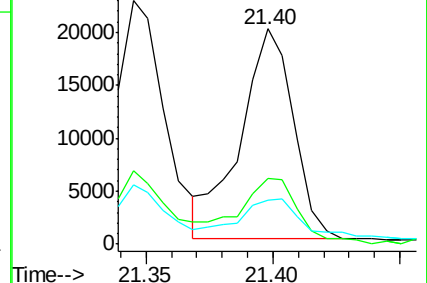
229 20.2 15.6 23.4

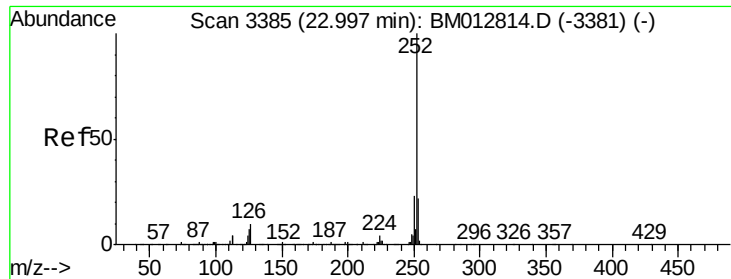


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(k)fluoranthene

Concen: 1.03 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BM012819.D

Acq: 08 Nov 2017 13:59

Instrument :

BNA_M

ClientSampleId :

B-10(3-5)-101617

Tot Ion:252 Resp: 34975

Ion Ratio Lower Upper

252 100

253 27.8 17.3 25.9#

125 12.6 8.2 12.2#

