

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012586.D
 Acq On : 30 Oct 2017 22:50
 Operator : SJ/JU
 Sample : I5886-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 04:50:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	315828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1205040	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	671532	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1495210	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1756589	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1983336	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	28831	4.66	ng/uL	0.00
5) Phenol-d5	7.02	99	463036	17.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	306999	19.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	384895	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	249705	11.07	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	189000	25.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	207863	26.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	369676	17.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	322620	14.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1088126	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1368302	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	131534	15.08	ng/ul	0.00
57) Fluorene-d10	15.48	176	949317	19.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	124350	17.18	ng/ul	0.00
70) Anthracene-d10	17.33	188	1362386	19.12	ng/ul	0.00
76) Pyrene-d10	19.62	212	1588898	19.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1773306	18.82	ng/ul	0.00

Target Compounds

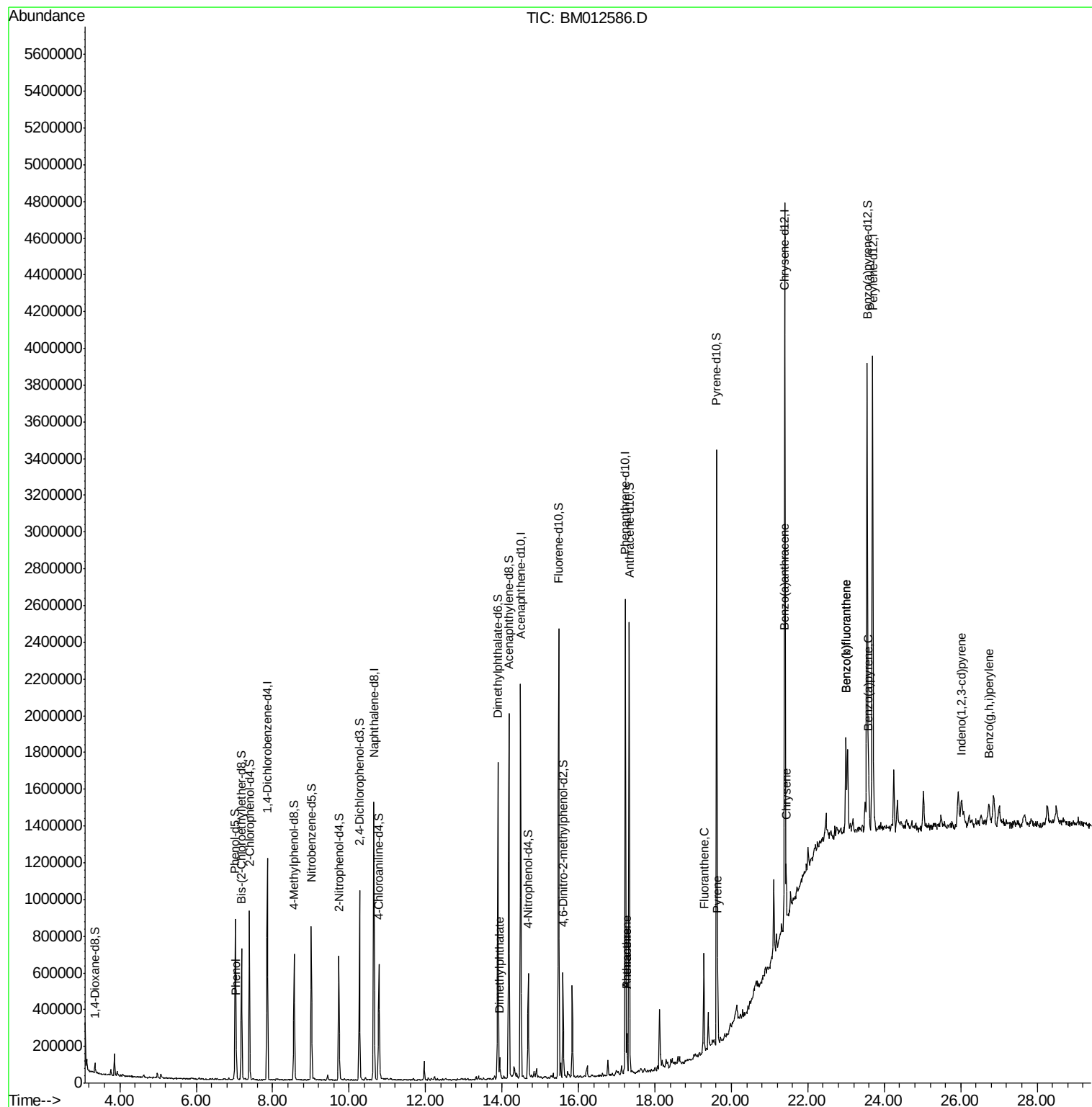
						Ovalue
6) Phenol	7.05	94	69752	2.54	ng/ul#	82
44) Dimethylphthalate	13.94	163	65605	1.13	ng/ul#	97
69) Phenanthrene	17.27	178	118187	1.46	ng/ul	100
71) Anthracene	17.27	178	118187	1.41	ng/ul	98
74) Fluoranthene	19.28	202	286980	3.13	ng/ul#	94
77) Pyrene	19.64	202	247878	2.48	ng/ul#	91
80) Benzo(a)anthracene	21.38	228	142617	1.36	ng/ul	99
82) Chrysene	21.43	228	170839	1.83	ng/ul	95
85) Benzo(b)fluoranthene	23.00	252	264525	2.16	ng/ul#	93
86) Benzo(k)fluoranthene	23.00	252	264525	2.29	ng/ul#	91
88) Benzo(a)pyrene	23.60	252	165787	1.42	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.02	276	145196	1.06	ng/ul#	92
91) Benzo(g,h,i)perylene	26.73	276	117622	1.05	ng/ul	98

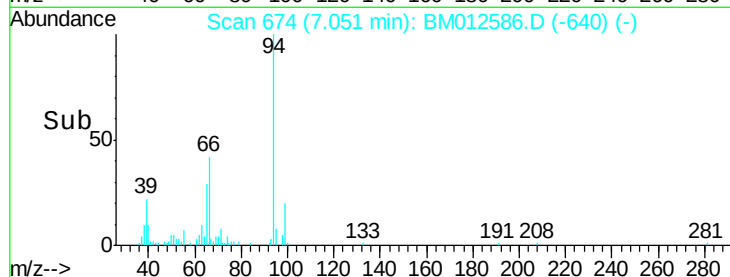
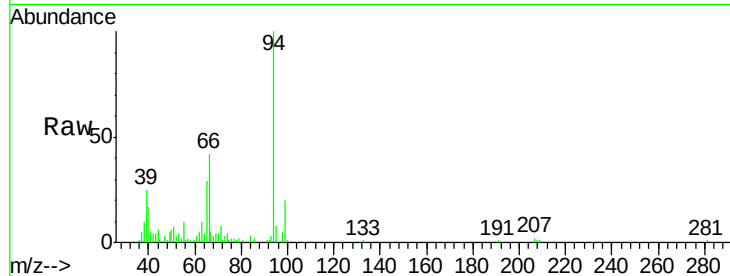
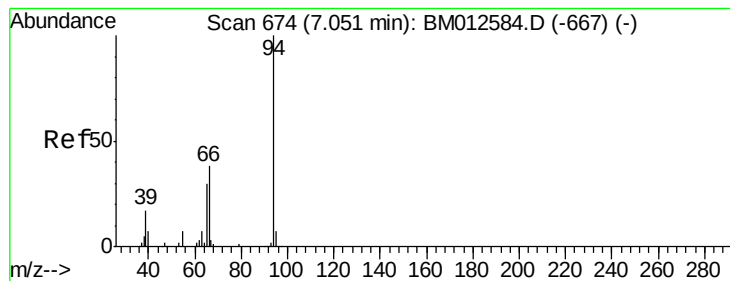
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.54 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

Instrument :

BNA_M

ClientSampled :

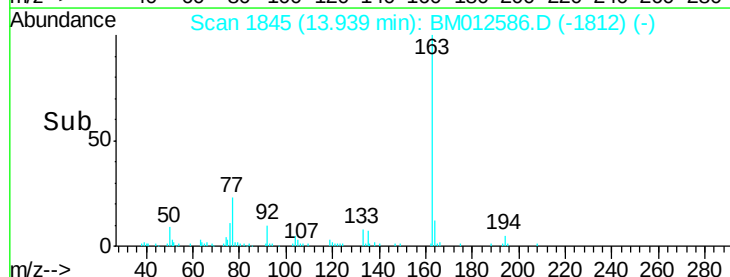
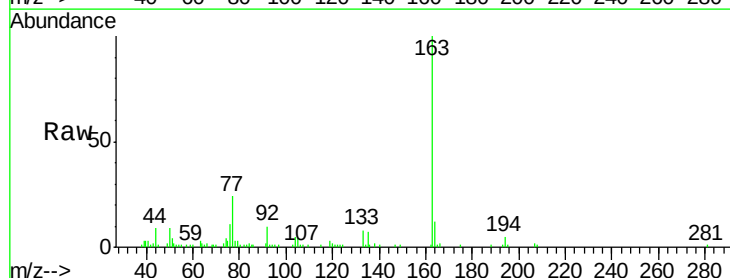
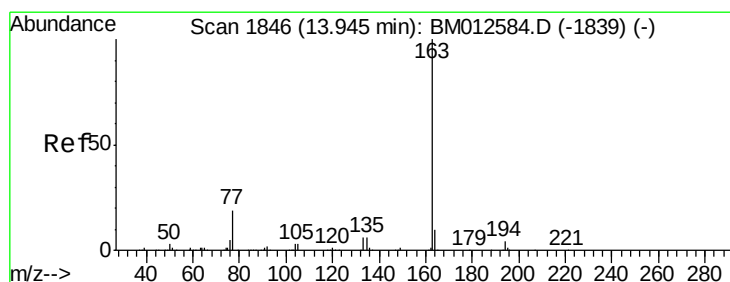
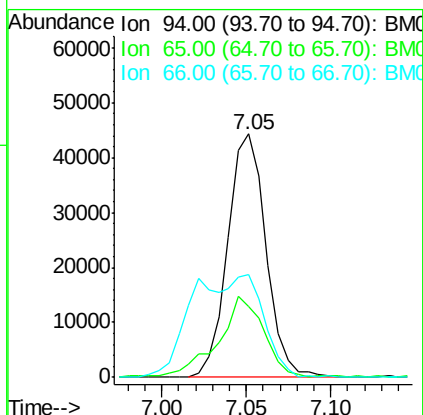
Tot Ion: 94 Resp: 69752

Ion Ratio Lower Upper

94 100

65 29.1 28.2 42.4

66 42.3 47.2 70.8#



#44

Dimethylphthalate

Concen: 1.13 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

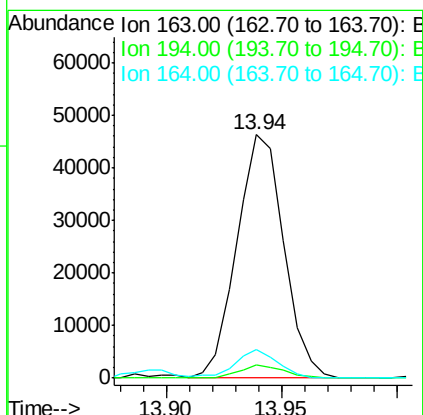
Tgt Ion: 163 Resp: 65605

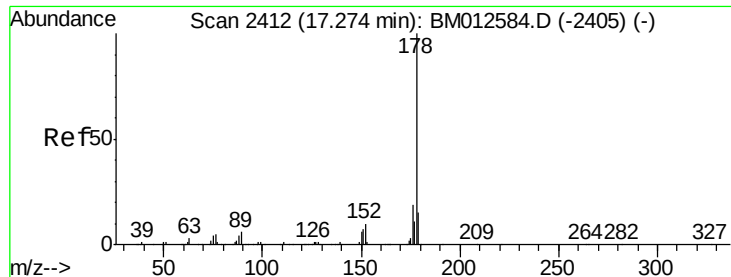
Ion Ratio Lower Upper

163 100

194 5.3 3.5 5.3#

164 11.7 8.2 12.4





#69

Phenanthrene

Concen: 1.46 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

Instrument :

BNA_M

ClientSampleId :

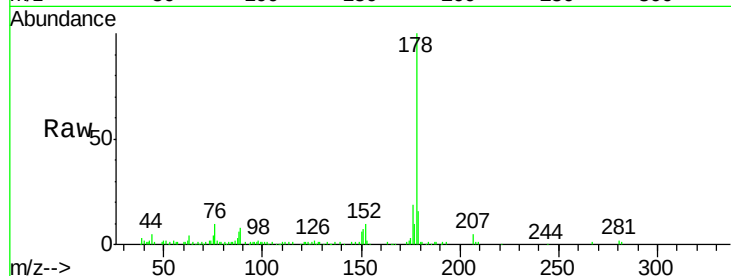
Tot Ion:178 Resp: 118187

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

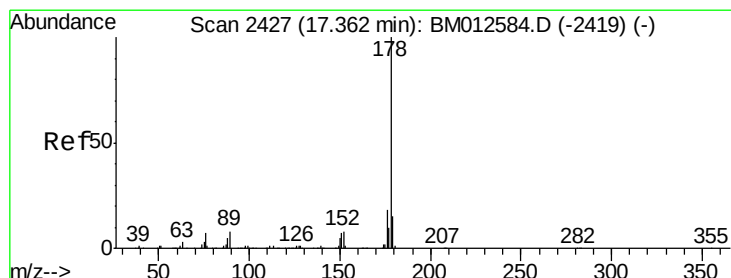
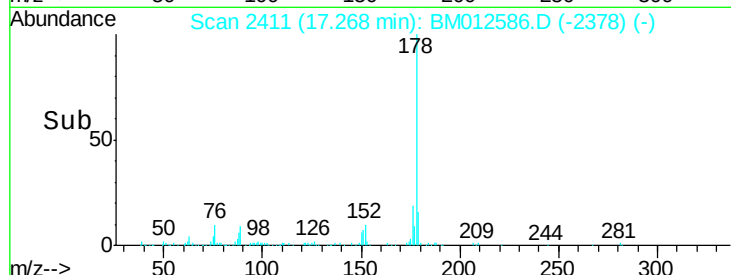
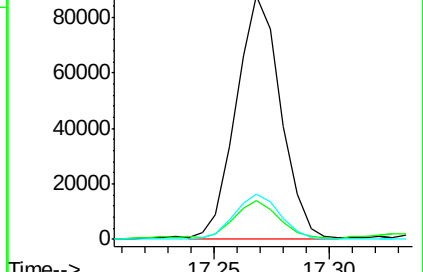
176 18.8 14.9 22.3



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



#71

Anthracene

Concen: 1.41 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.09 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

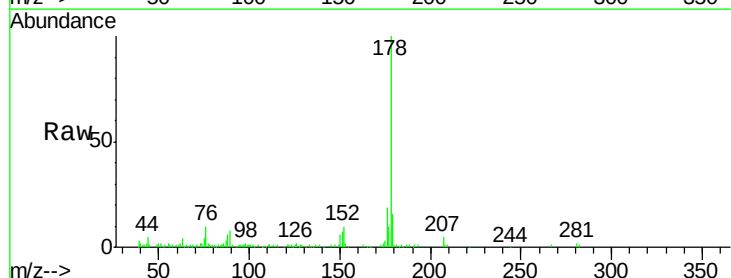
Tgt Ion:178 Resp: 118187

Ion Ratio Lower Upper

178 100

179 15.7 11.7 17.5

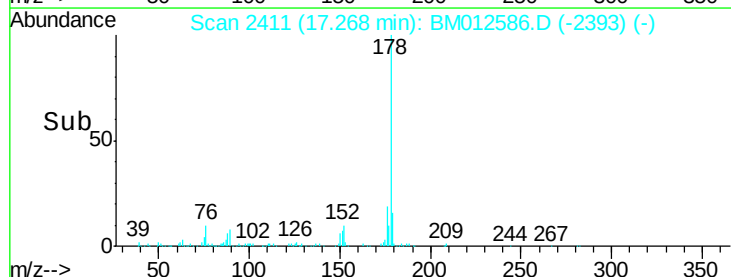
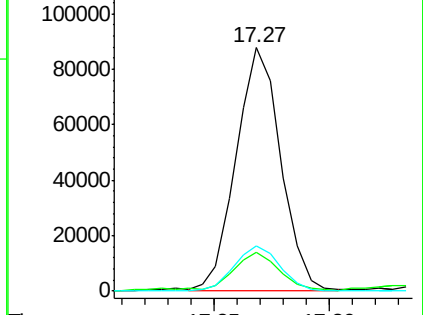
176 18.8 14.6 21.8

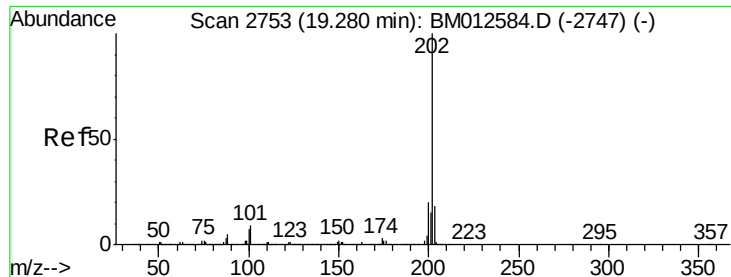


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.13 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

Instrument :

BNA_M

ClientSampleId :

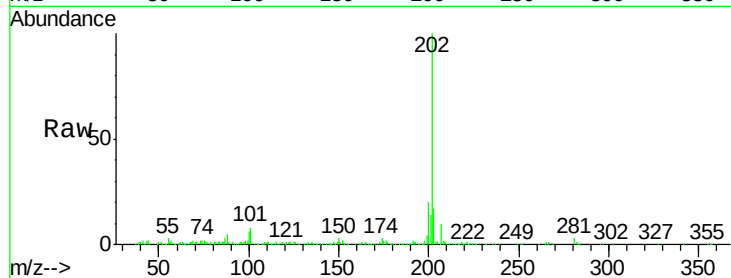
Tot Ion:202 Resp: 286980

Ion Ratio Lower Upper

202 100

101 8.1 4.6 7.0#

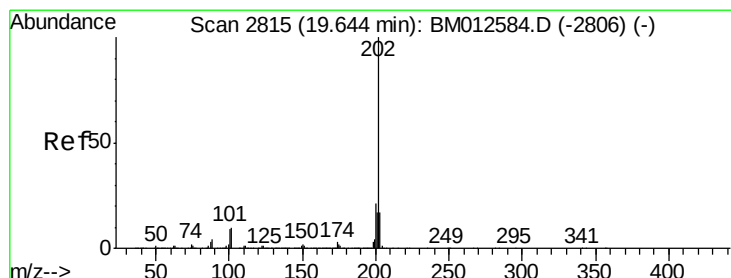
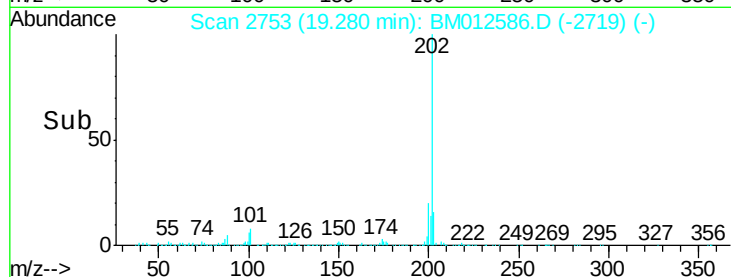
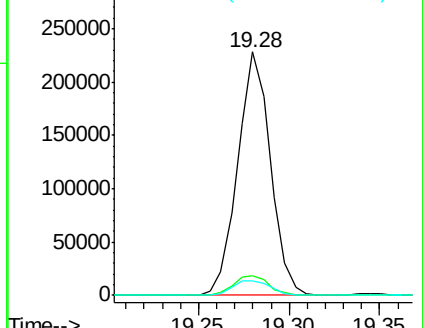
100 6.0 3.4 5.2#



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: 2.48 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

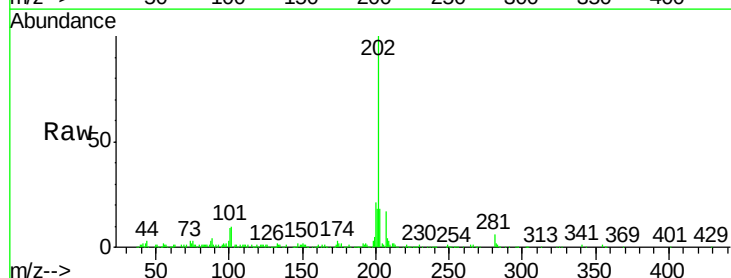
Tgt Ion:202 Resp: 247878

Ion Ratio Lower Upper

202 100

101 9.6 5.1 7.7#

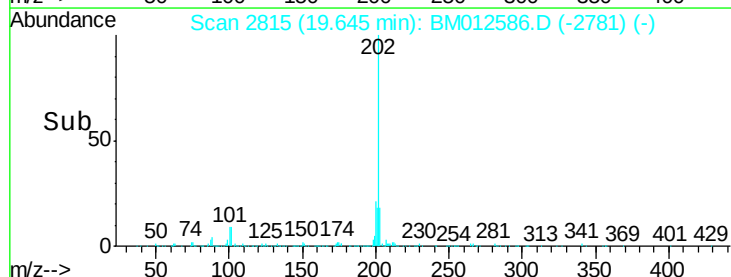
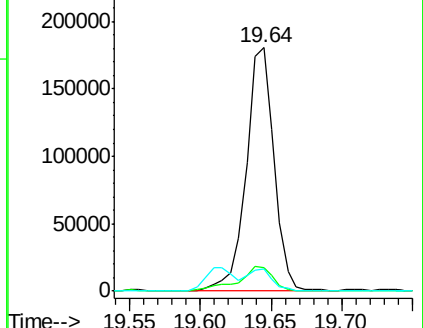
100 9.3 4.9 7.3#

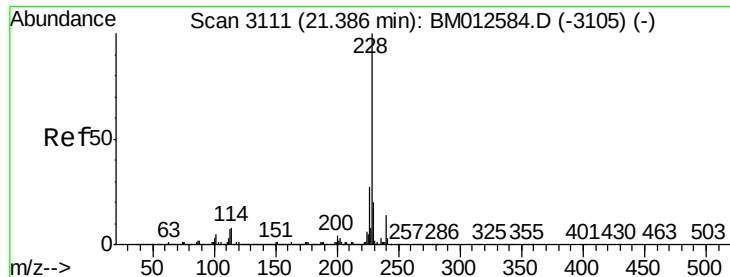


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.36 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

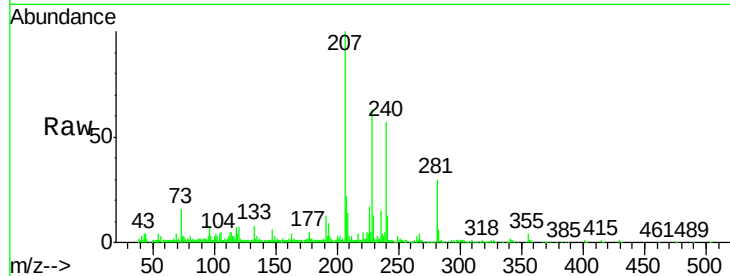
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 142617

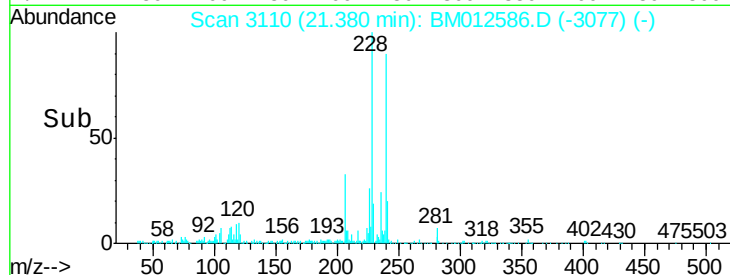
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.0
226	26.7	21.4	32.0



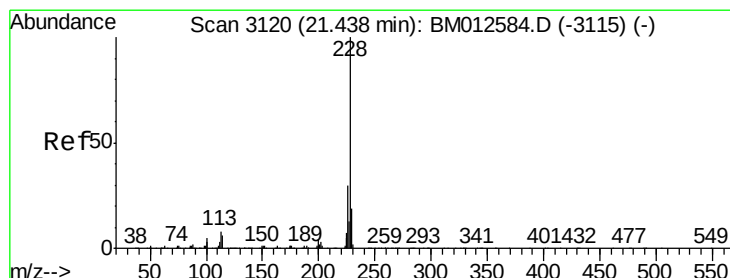
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#82

Chrysene

Concen: 1.83 ng/ul

RT: 21.43 min Scan# 3119

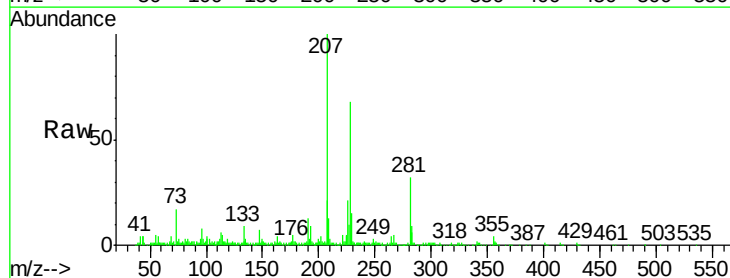
Delta R.T. -0.01 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

Tgt Ion:228 Resp: 170839

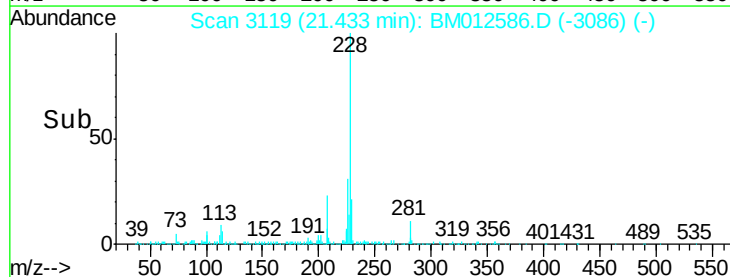
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	22.0	15.5	23.3



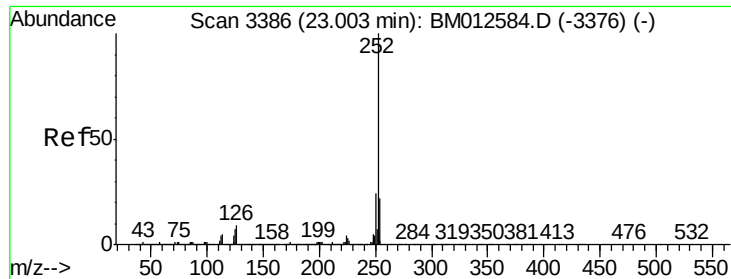
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 2.16 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BM012586.D

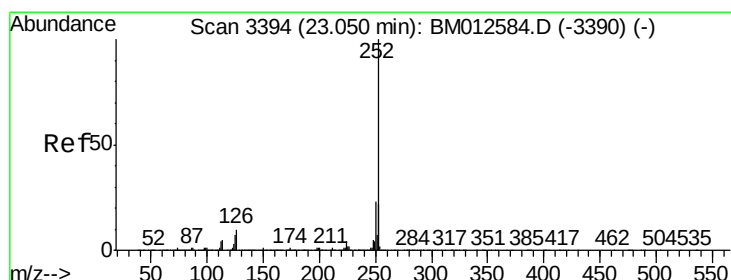
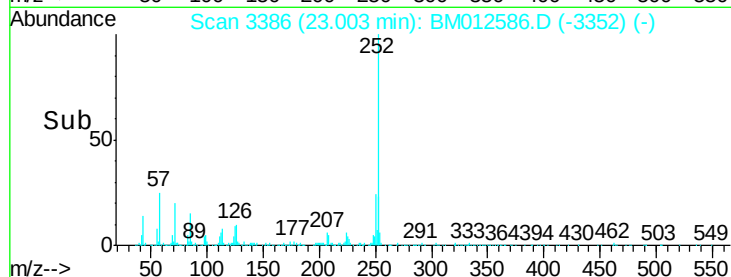
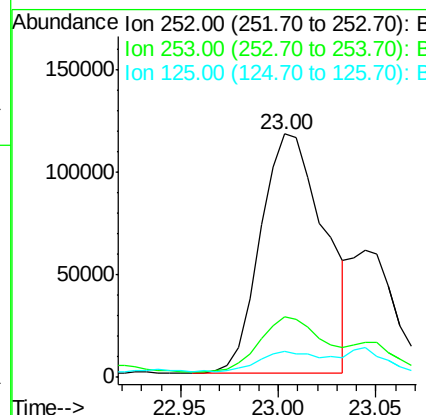
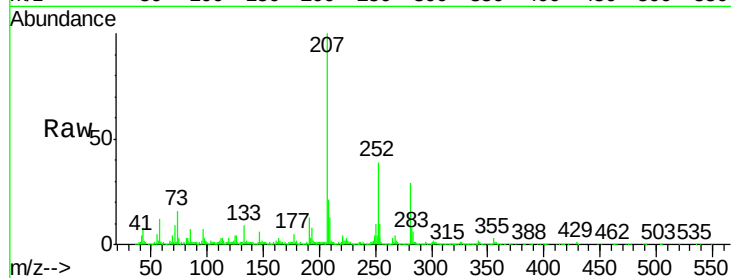
Acq: 30 Oct 2017 22:50

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	264525
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.9	26.9
125	10.4	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 2.29 ng/ul

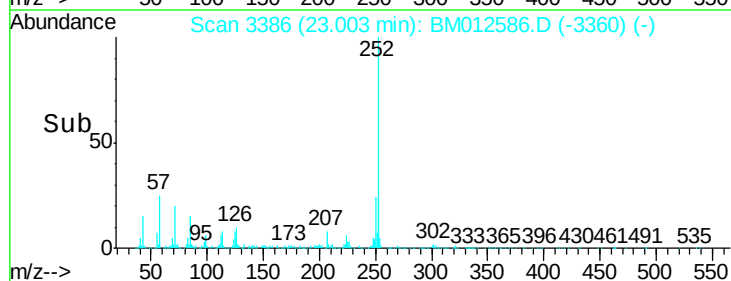
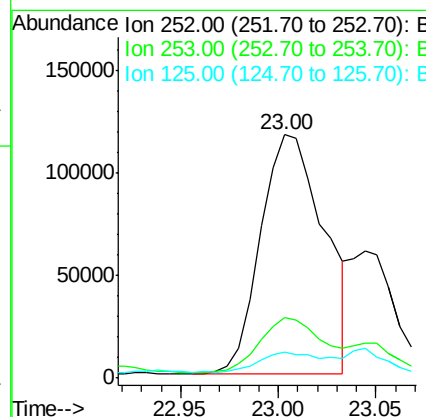
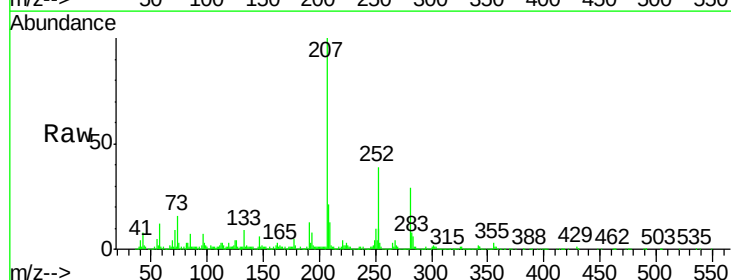
RT: 23.00 min Scan# 3386

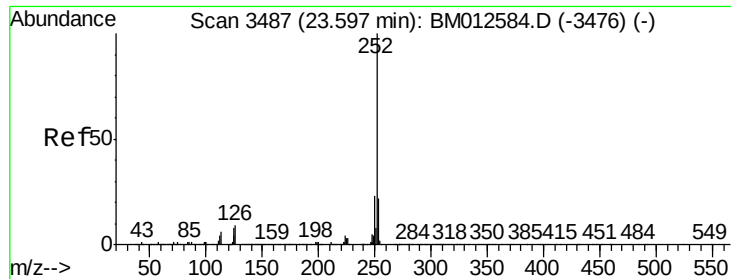
Delta R.T. -0.05 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

Tgt Ion:	252	Resp:	264525
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.1	25.7
125	10.4	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 1.42 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM012586.D

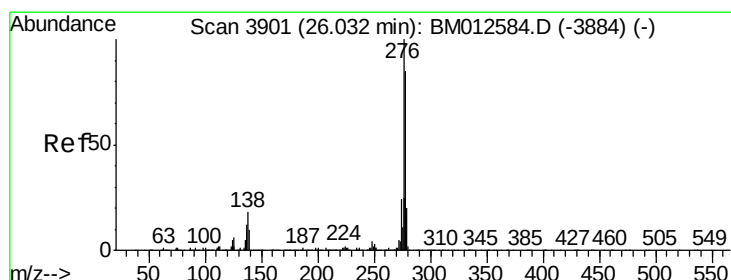
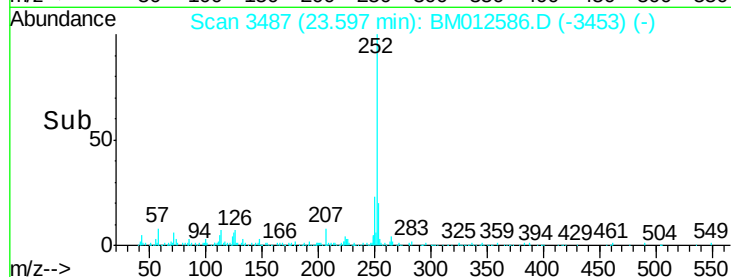
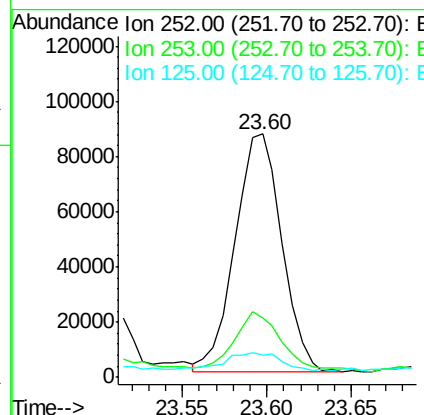
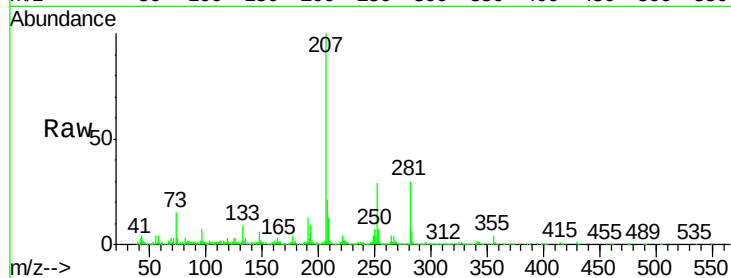
Acq: 30 Oct 2017 22:50

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	165787
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.2
125	9.3	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul

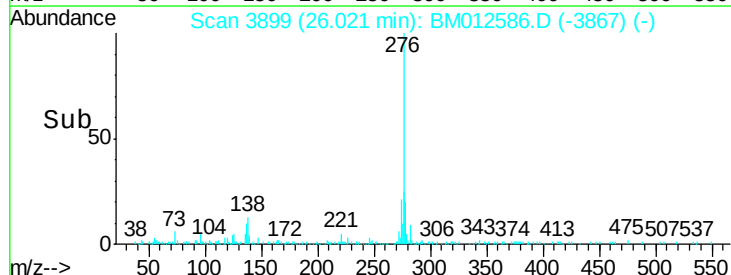
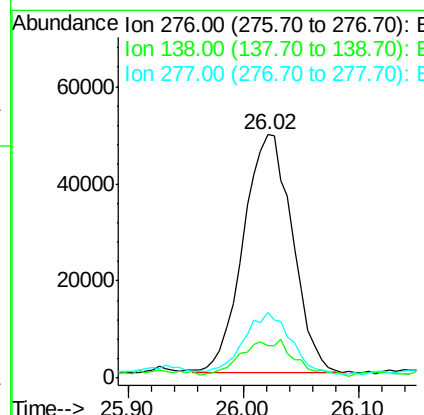
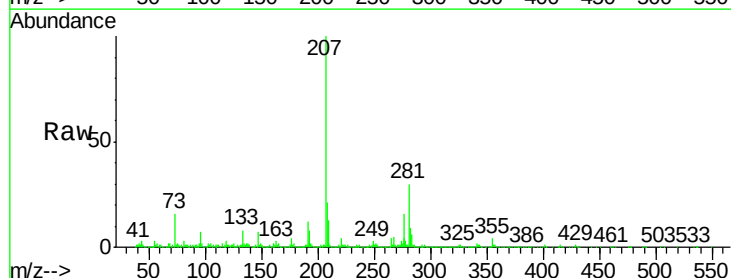
RT: 26.02 min Scan# 3899

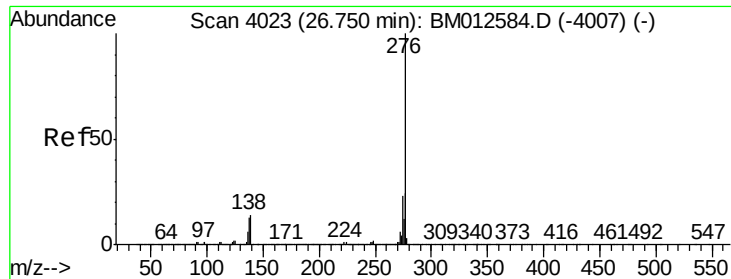
Delta R.T. -0.01 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

Tgt Ion:	276	Resp:	145196
Ion Ratio	Lower	Upper	
276	100		
138	18.5	9.3	13.9#
277	26.9	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 1.05 ng/ul

RT: 26.73 min Scan# 4020

Delta R.T. -0.02 min

Lab File: BM012586.D

Acq: 30 Oct 2017 22:50

Instrument :

BNA_M

ClientSampleId :

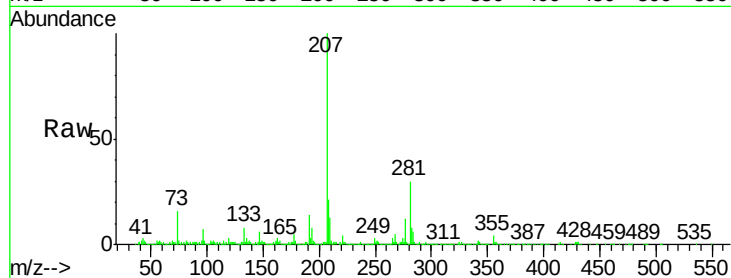
Tot Ion:276 Resp: 117622

Ion Ratio Lower Upper

276 100

138 11.1 8.5 12.7

277 24.8 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

