

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012385.D
 Acq On : 22 Oct 2017 07:31
 Operator : SJ/JU
 Sample : I5771-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 08:35:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 08:22:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	249548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1105746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	684139	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1500725	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1116431	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1013196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	19527	3.72	ng/uL	0.00
5) Phenol-d5	6.94	99	423291	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	271290	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	381484	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	374431	21.48	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	183007	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	218357	22.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	410498	21.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	409061	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1433348	23.70	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1720144	23.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	95763	10.53	ng/ul	0.02
57) Fluorene-d10	15.41	176	1204089	24.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	146128	14.19	ng/ul	0.00
70) Anthracene-d10	17.27	188	1764425	23.78	ng/ul	0.00
76) Pyrene-d10	19.57	212	1729961	30.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1128763	23.11	ng/ul	0.00

Target Compounds

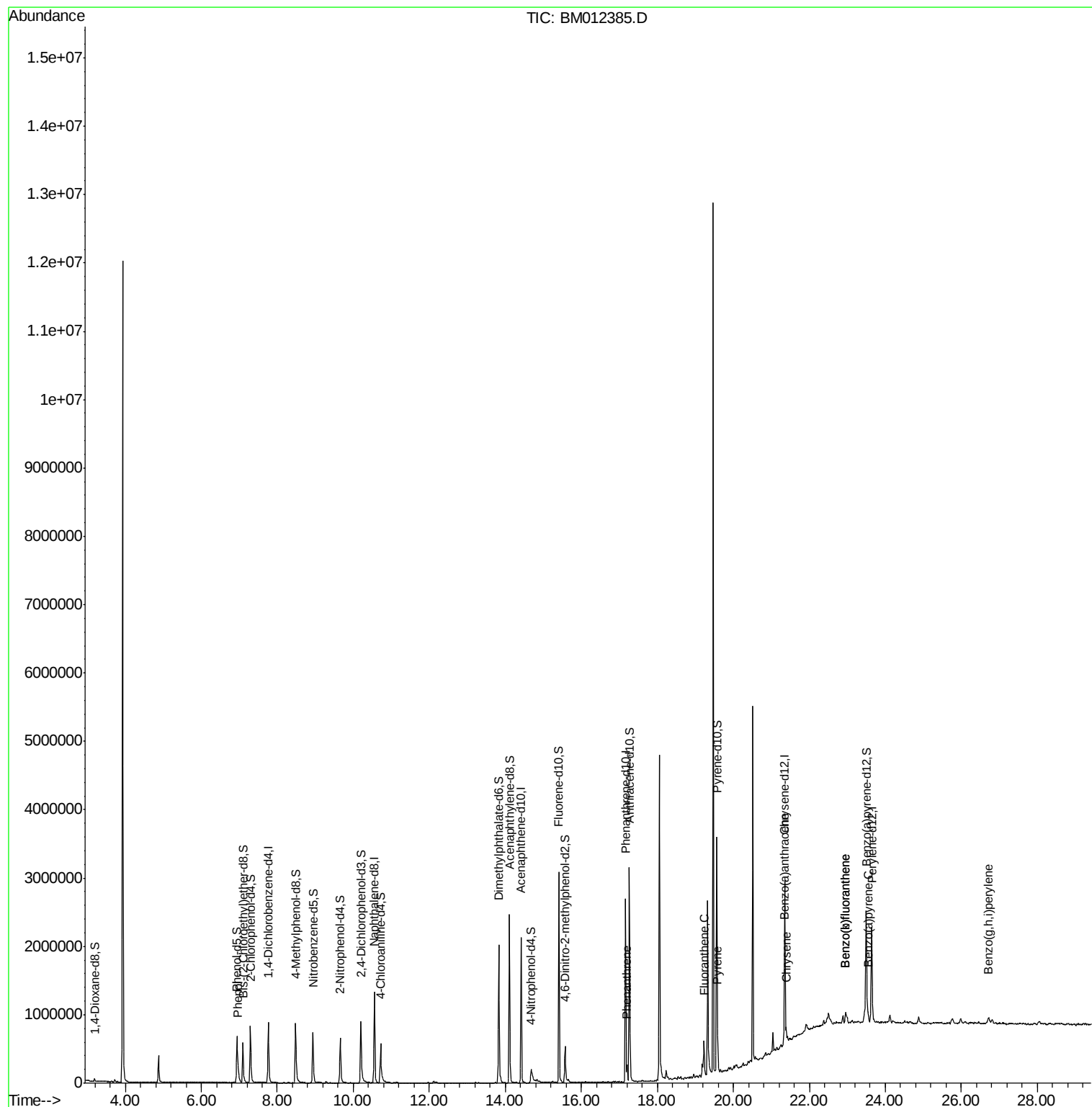
				Ovalue	
6) Phenol	6.97	94	76448	3.652	ng/ul# 86
69) Phenanthrene	17.21	178	131188	1.537	ng/ul 96
74) Fluoranthene	19.23	202	252410	2.450	ng/ul# 97
77) Pyrene	19.59	202	246349	3.341	ng/ul 97
80) Benzo(a)anthracene	21.34	228	104864	1.444	ng/ul 97
82) Chrysene	21.39	228	109858	1.611	ng/ul 99
85) Benzo(b)fluoranthene	22.96	252	121371	1.836	ng/ul# 94
86) Benzo(k)fluoranthene	22.96	252	121371	1.905	ng/ul# 95
88) Benzo(a)pyrene	23.54	252	83219	1.335	ng/ul# 87
91) Benzo(a,h,i)perylene	26.70	276	55605	1.026	ng/ul# 93

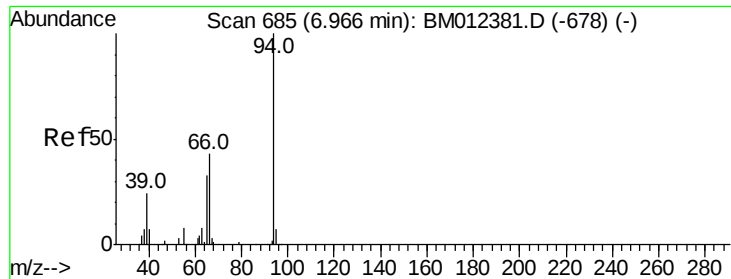
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.652 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM012385.D

Acq: 22 Oct 2017 07:31

Instrument :

BNA_M

ClientSampleId :

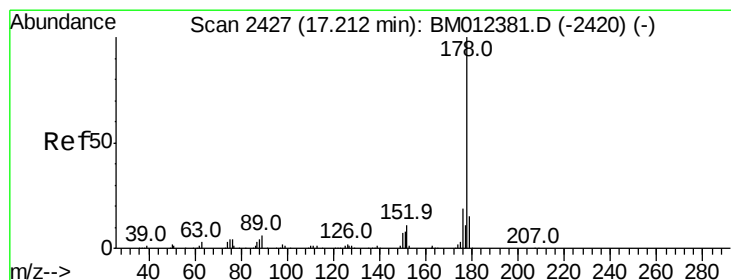
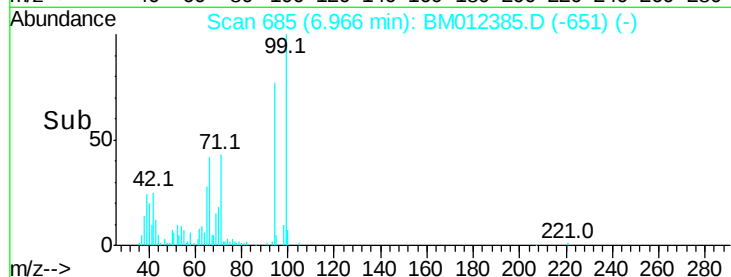
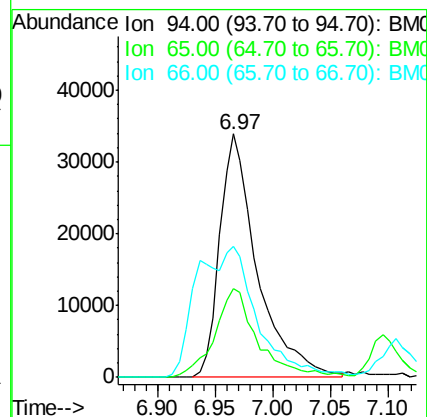
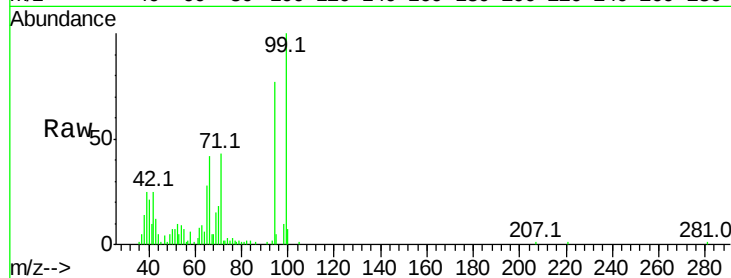
Tot Ion: 94 Resp: 76448

Ion Ratio Lower Upper

94 100

65 36.5 24.4 36.6

66 53.8 35.0 52.4#



#69

Phenanthrene

Concen: 1.537 ng/ul

RT: 17.21 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012385.D

Acq: 22 Oct 2017 07:31

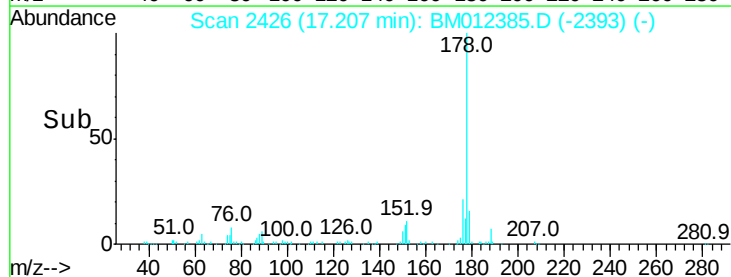
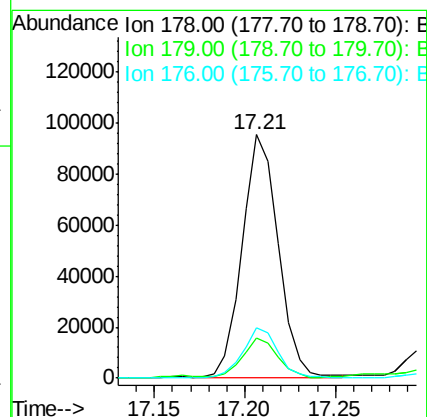
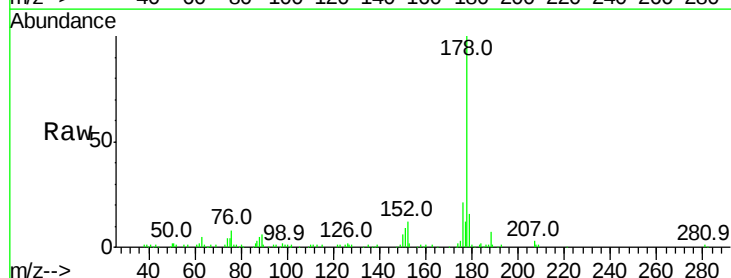
Tgt Ion: 178 Resp: 131188

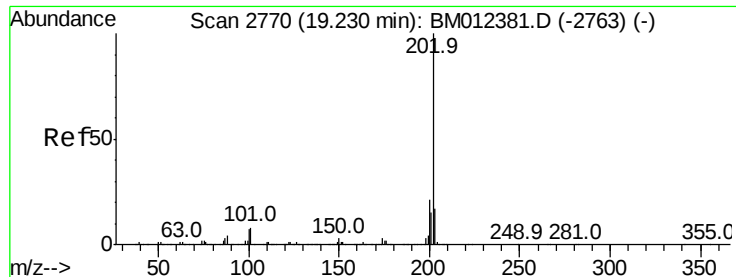
Ion Ratio Lower Upper

178 100

179 16.3 12.0 18.0

176 20.7 15.0 22.6





#74

Fluoranthene

Concen: 2.450 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM012385.D

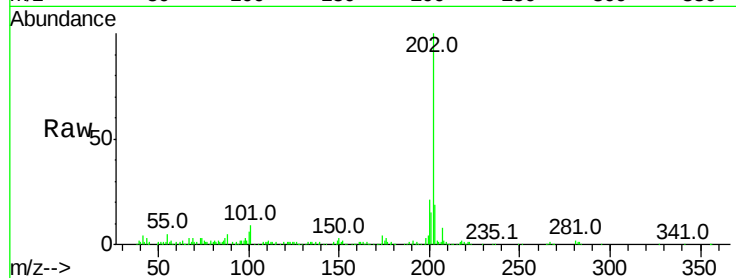
Acq: 22 Oct 2017 07:31

Instrument :

BNA_M

ClientSampleId :

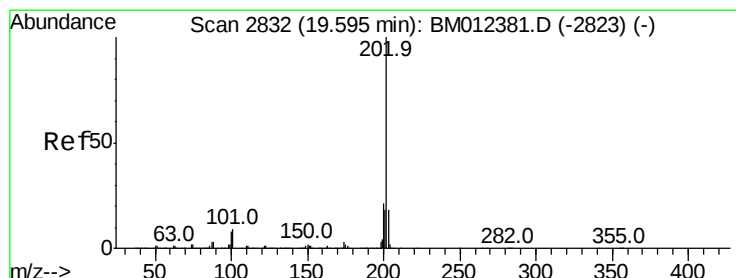
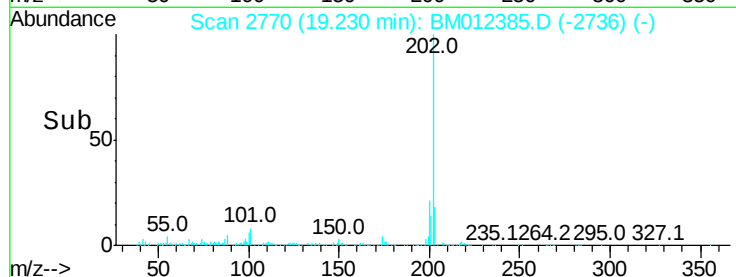
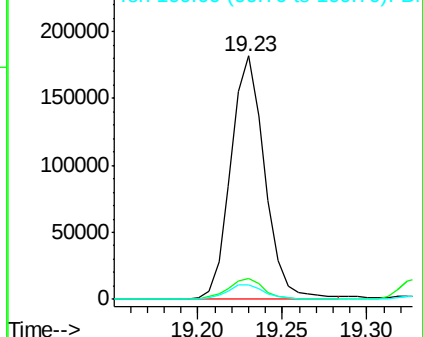
Tot Ion:	202	Resp:	252410
Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.8	8.6#
100	6.1	4.3	6.5



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: 3.341 ng/ul

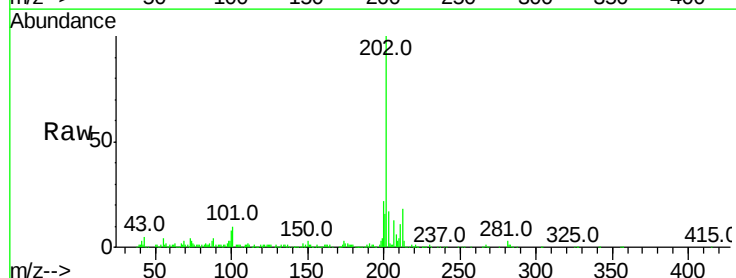
RT: 19.59 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM012385.D

Acq: 22 Oct 2017 07:31

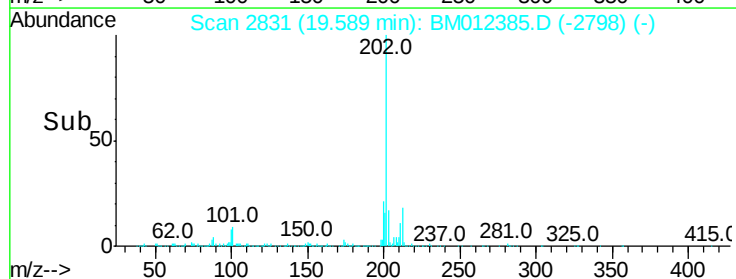
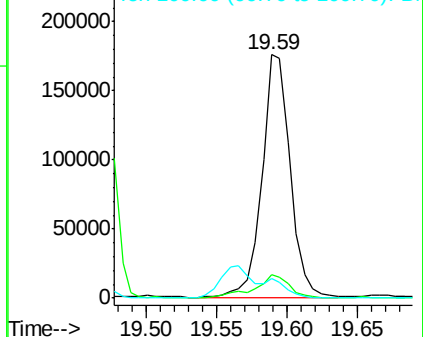
Tgt Ion:	202	Resp:	246349
Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.5	9.7
100	7.8	5.6	8.4

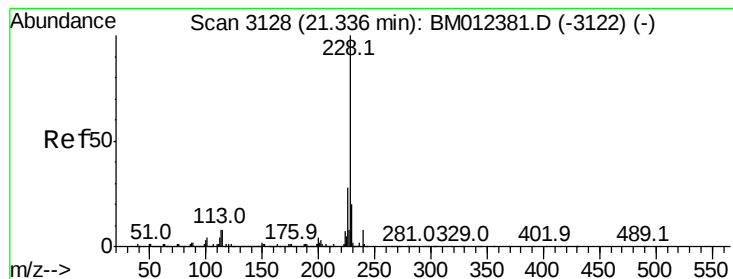


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

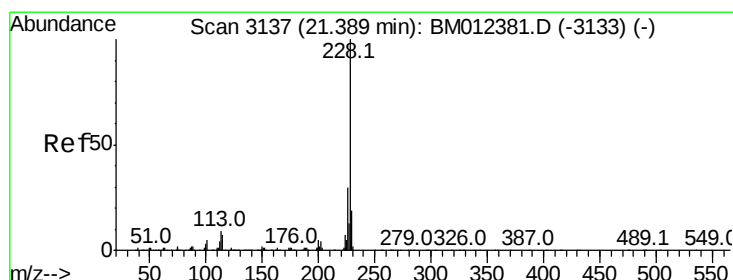
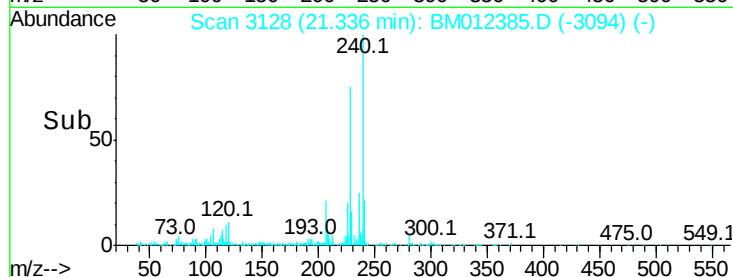
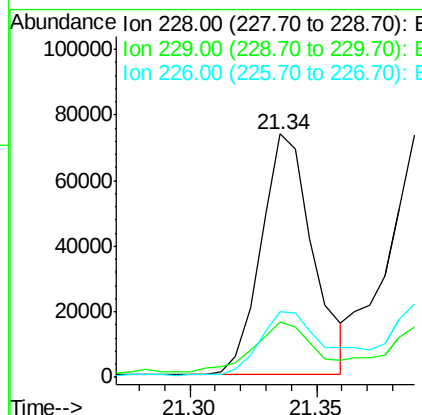
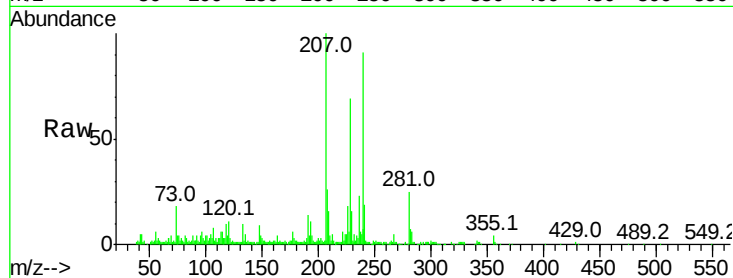




#80
Benzo(a)anthracene
Concen: 1.444 ng/ul
RT: 21.34 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

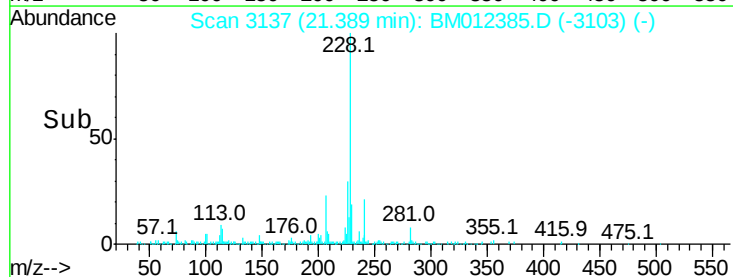
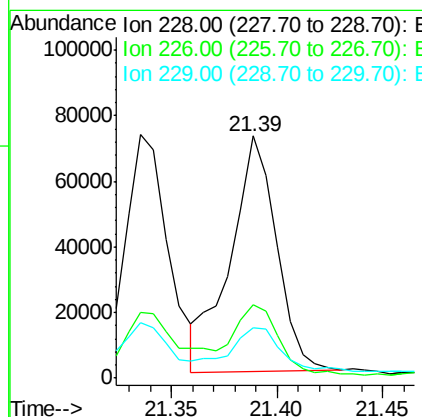
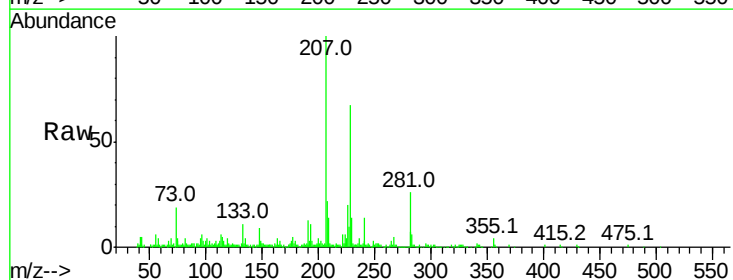
Instrument :
BNA_M
ClientSampleId :

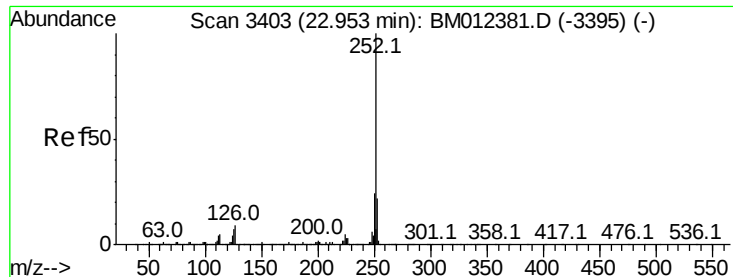
Tot Ion:228 Resp: 104864
Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.8
226 26.8 21.4 32.2



#82
Chrysene
Concen: 1.611 ng/ul
RT: 21.39 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Tgt Ion:228 Resp: 109858
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 20.8 15.5 23.3

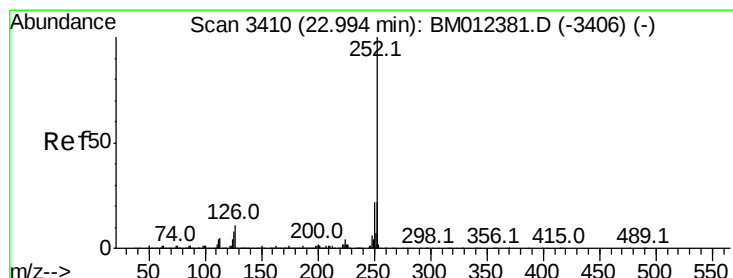
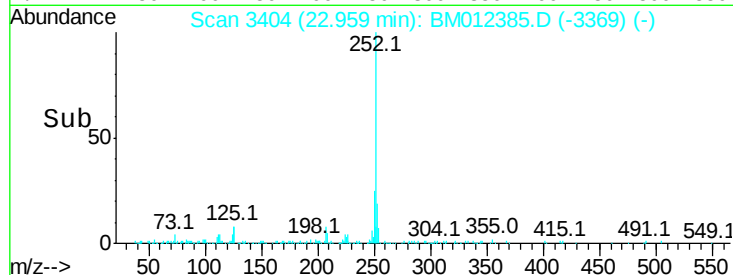
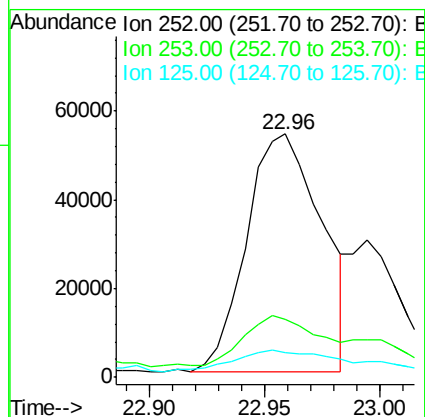
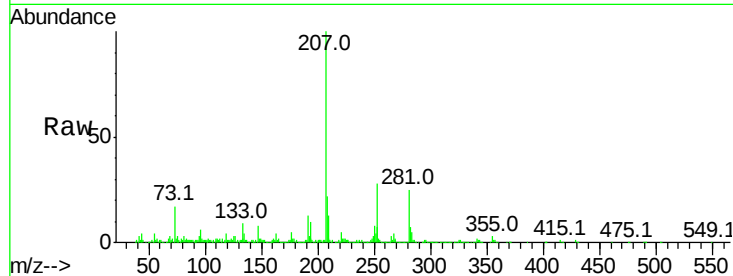




#85
Benzo(b)fluoranthene
Concen: 1.836 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

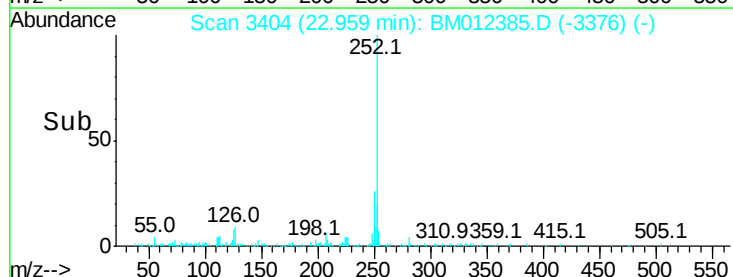
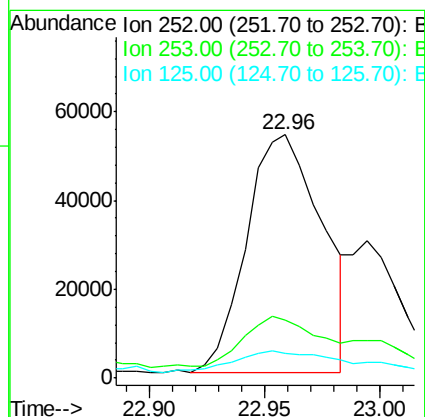
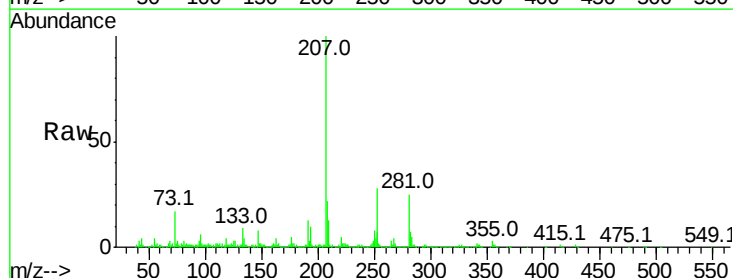
Instrument :
BNA_M
ClientSampleId :

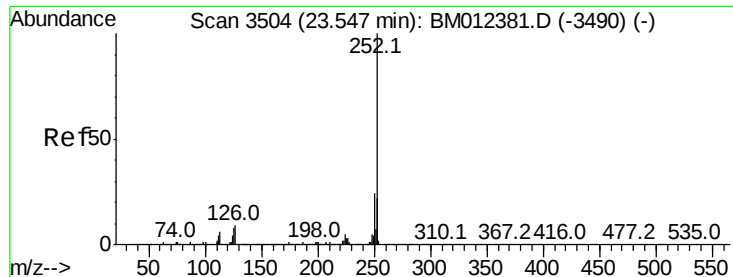
Tot Ion:252 Resp: 121371
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 10.2 5.1 7.7#



#86
Benzo(k)fluoranthene
Concen: 1.905 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. -0.04 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Tgt Ion:252 Resp: 121371
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 10.2 4.9 7.3#





#88

Benzo(a)pyrene

Concen: 1.335 ng/ul

RT: 23.54 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM012385.D

Acq: 22 Oct 2017 07:31

Instrument :

BNA_M

ClientSampleId :

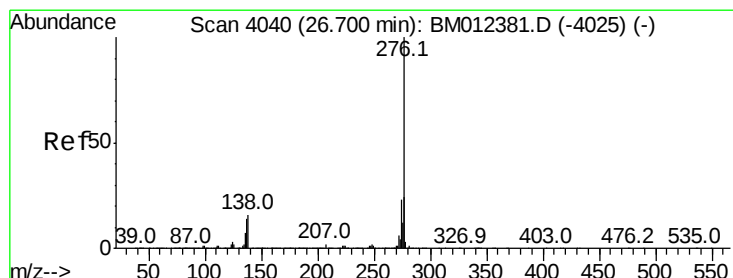
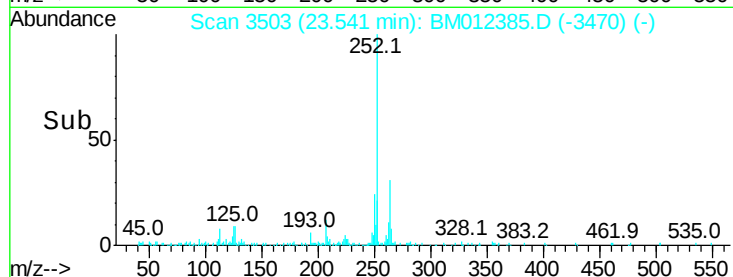
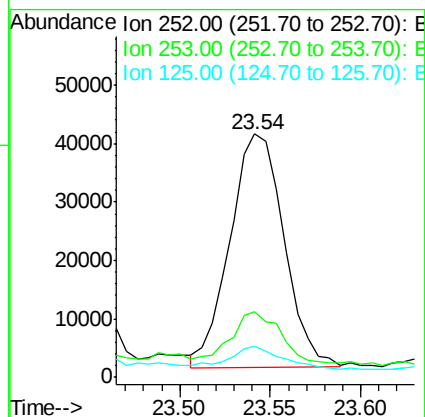
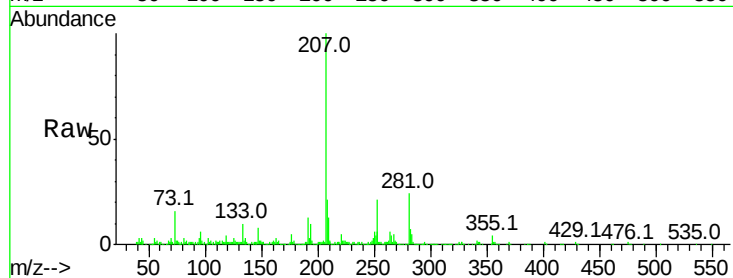
Tot Ion:252 Resp: 83219

Ion Ratio Lower Upper

252 100

253 26.8 17.1 25.7#

125 12.8 5.2 7.8#



#91

Benzo(g,h,i)perylene

Concen: 1.026 ng/ul

RT: 26.70 min Scan# 4040

Delta R.T. -0.00 min

Lab File: BM012385.D

Acq: 22 Oct 2017 07:31

Tgt Ion:276 Resp: 55605

Ion Ratio Lower Upper

276 100

138 17.2 10.7 16.1#

277 26.4 19.0 28.4

