

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012380.D
 Acq On : 22 Oct 2017 03:55
 Operator : SJ/JU
 Sample : I5771-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:41:49 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 07:28:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	231491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1025136	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	645693	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1513383	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1490695	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1138309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	18350	3.77	ng/uL	0.00
5) Phenol-d5	6.94	99	402986	21.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	264237	23.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	370918	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	359155	22.21	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	179713	22.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	208794	22.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	376401	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	394006	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1398422	24.50	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1654689	23.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	102057	11.90	ng/ul	0.02
57) Fluorene-d10	15.41	176	1188894	25.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	159543	15.36	ng/ul	0.00
70) Anthracene-d10	17.27	188	1826302	24.41	ng/ul	0.00
76) Pyrene-d10	19.57	212	2109794	27.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1389744	25.32	ng/ul	0.00

Target Compounds

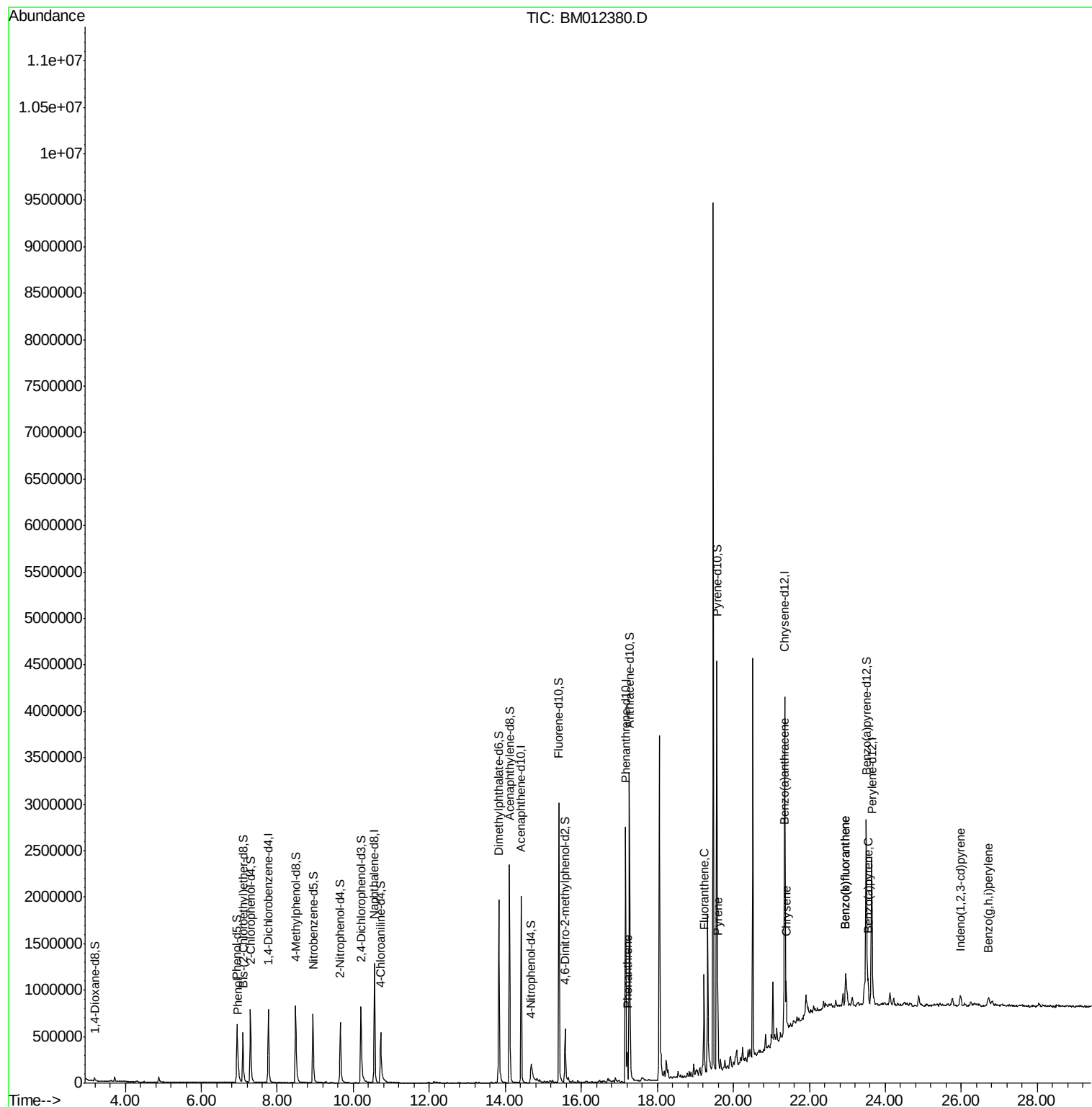
				Ovalue	
6) Phenol	6.97	94	72190	3.718	ng/ul# 84
69) Phenanthrene	17.21	178	171172	1.988	ng/ul 99
74) Fluoranthene	19.23	202	586507	5.645	ng/ul 97
77) Pyrene	19.59	202	535305	5.437	ng/ul 99
80) Benzo(a)anthracene	21.34	228	348014	3.588	ng/ul 98
82) Chrysene	21.39	228	283397	3.112	ng/ul 97
85) Benzo(b)fluoranthene	22.95	252	294726	3.968	ng/ul# 95
86) Benzo(k)fluoranthene	22.95	252	294726	4.117	ng/ul# 95
88) Benzo(a)pyrene	23.54	252	192148	2.744	ng/ul 93
89) Indeno(1,2,3-cd)pyrene	25.98	276	101778	1.369	ng/ul 99
91) Benzo(g,h,i)perylene	26.71	276	78002	1.281	ng/ul# 90

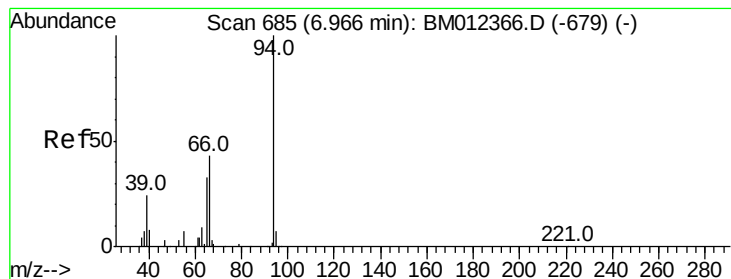
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.718 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. 0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

ClientSampleId :

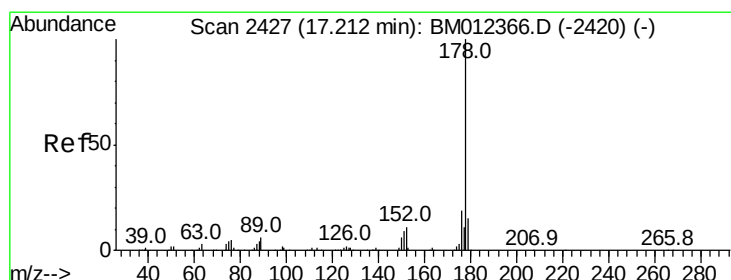
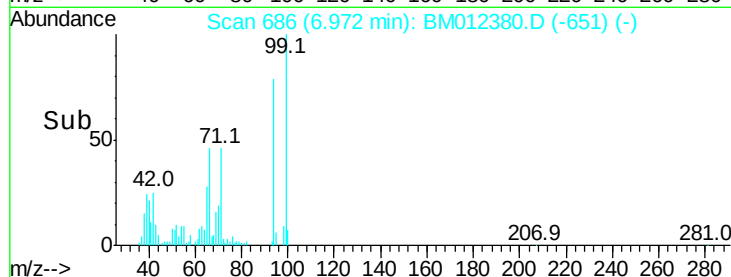
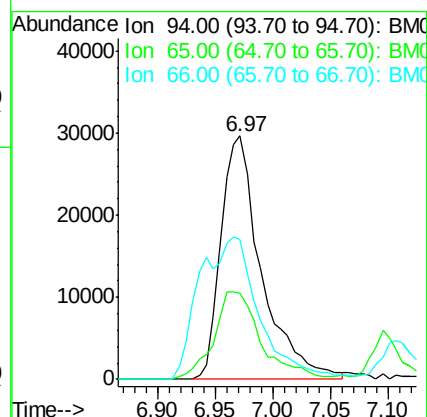
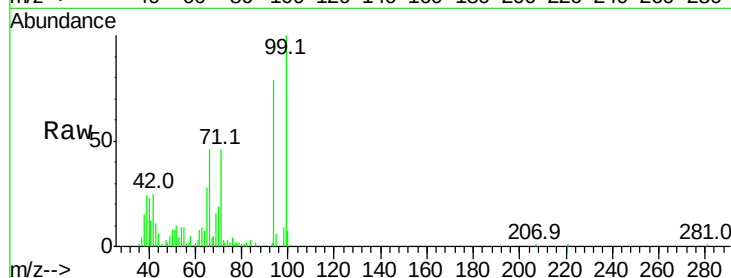
Tot Ion: 94 Resp: 72190

Ion Ratio Lower Upper

94 100

65 35.4 24.4 36.6

66 57.6 35.0 52.4#



#69

Phenanthrene

Concen: 1.988 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

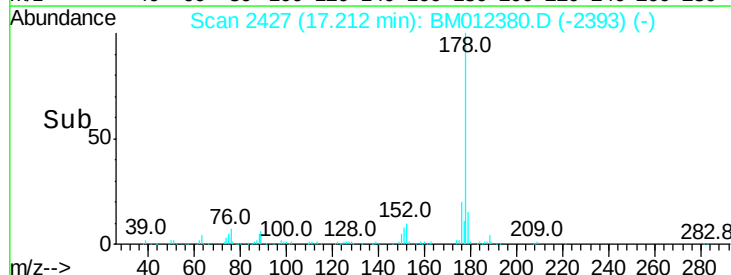
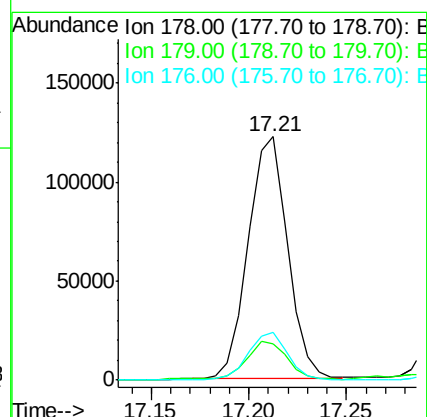
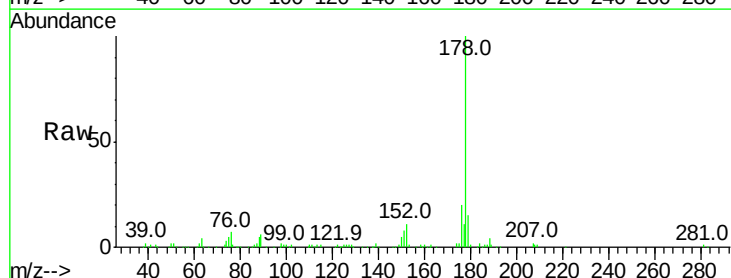
Tgt Ion: 178 Resp: 171172

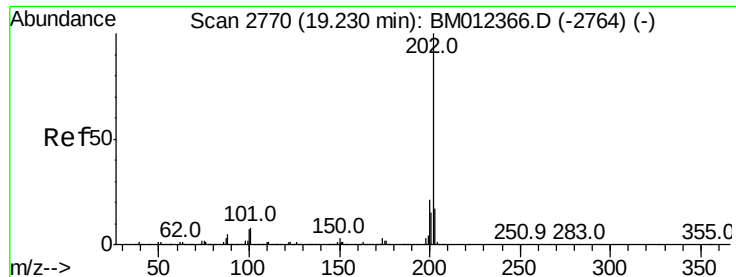
Ion Ratio Lower Upper

178 100

179 14.9 12.0 18.0

176 19.8 15.0 22.6





#74

Fluoranthene

Concen: 5.645 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012380.D

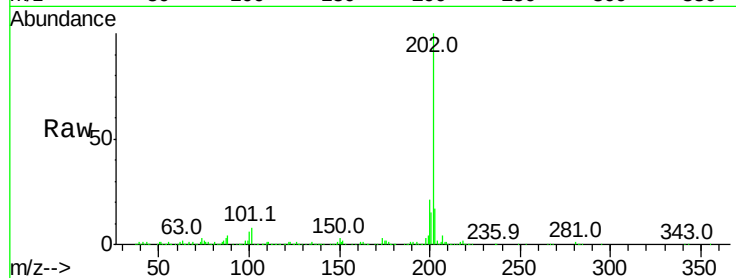
Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

ClientSampleId :

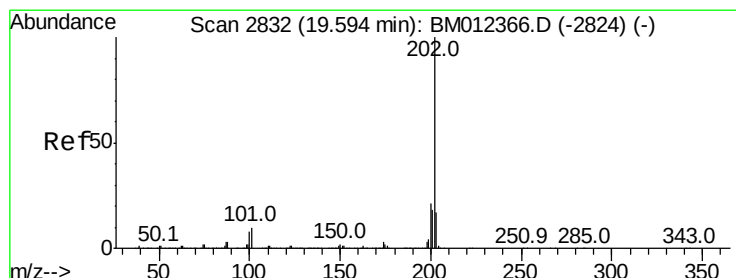
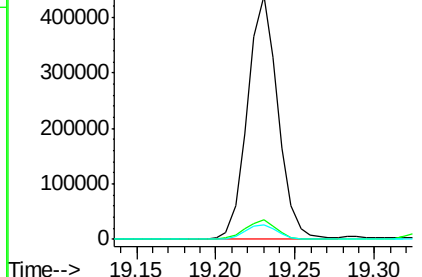
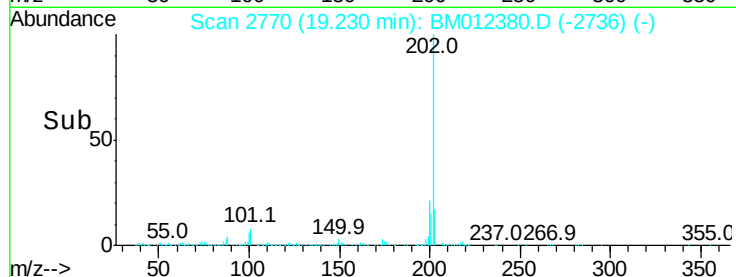
Tot Ion:	202	Resp:	586507
Ion Ratio	Lower	Upper	
202	100		
101	8.1	5.8	8.6
100	6.2	4.3	6.5



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: 5.437 ng/ul

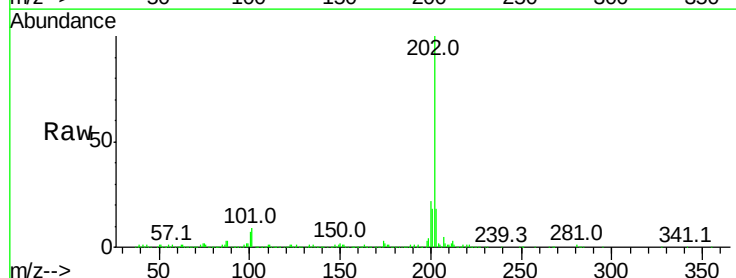
RT: 19.59 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

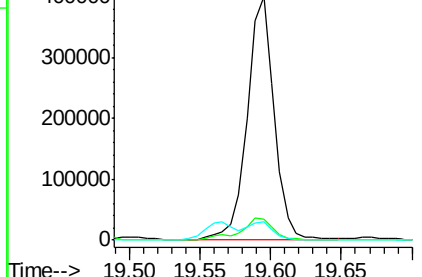
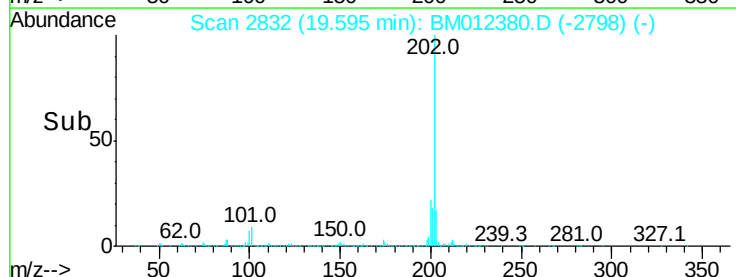
Tgt Ion:	202	Resp:	535305
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.5	9.7
100	7.5	5.6	8.4

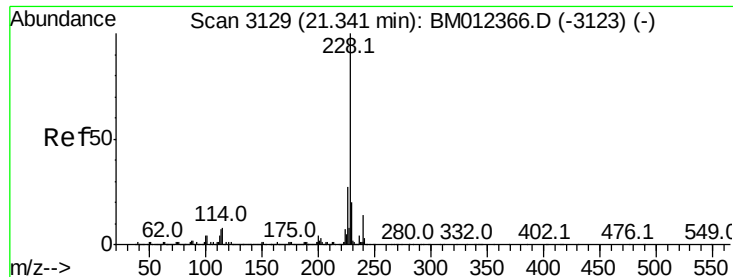


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.588 ng/ul

RT: 21.34 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

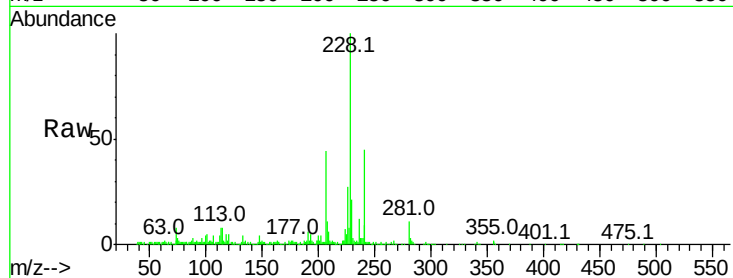
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 348014

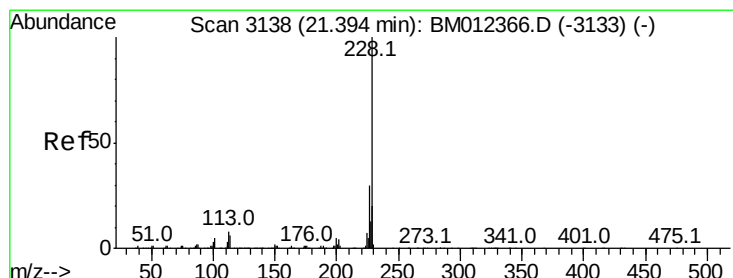
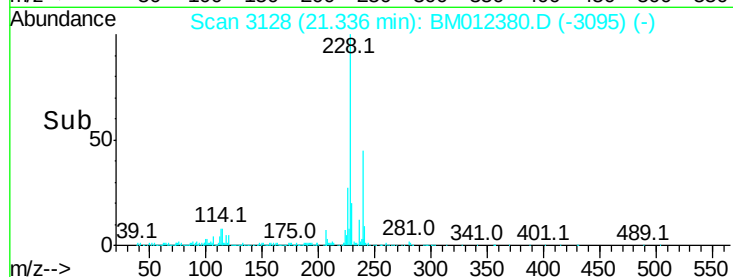
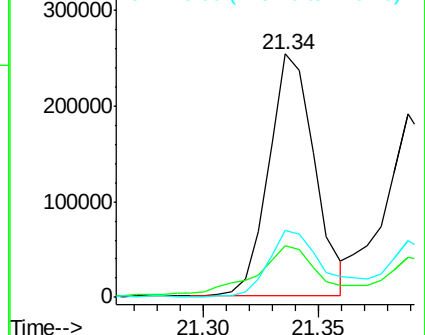
Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	27.5	21.4	32.2



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: 3.112 ng/ul

RT: 21.39 min Scan# 3137

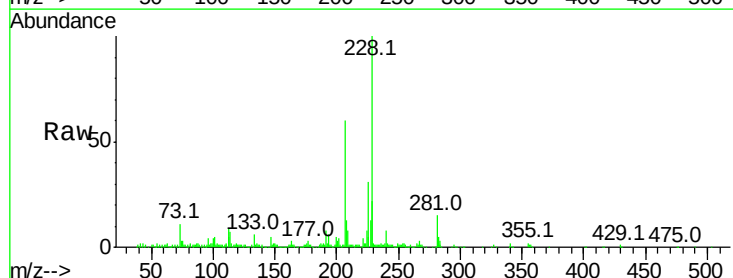
Delta R.T. -0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Tgt Ion:228 Resp: 283397

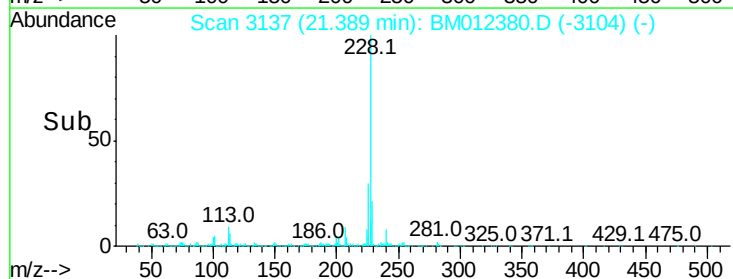
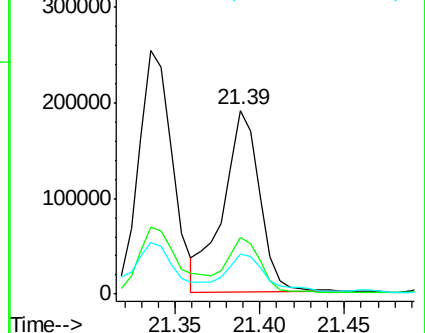
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	21.6	15.5	23.3

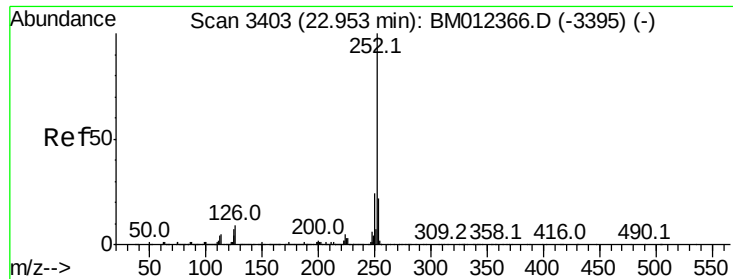


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

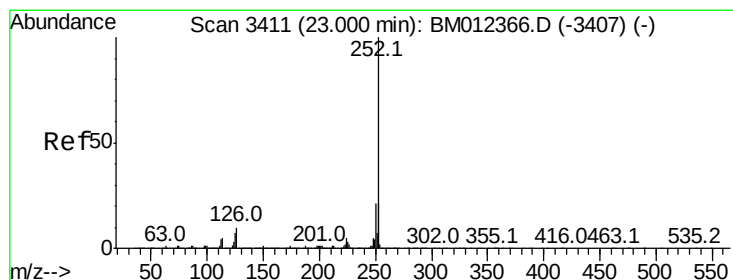
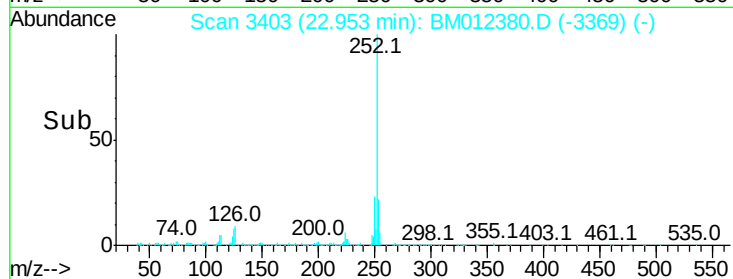
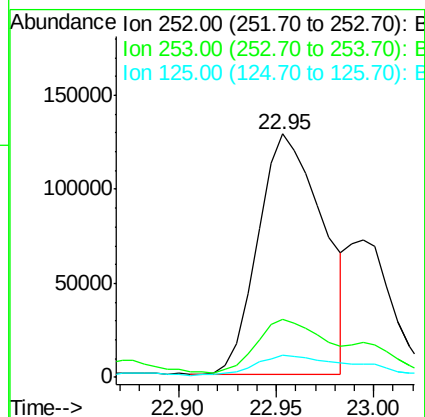
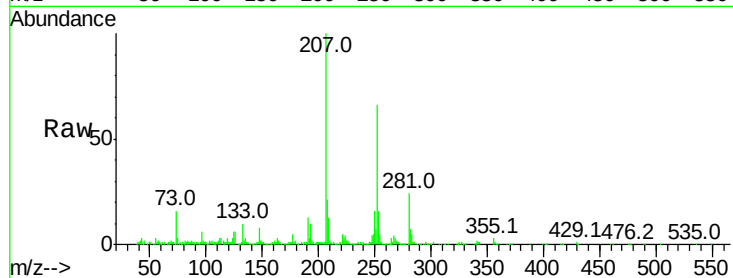




#85
Benzo(b)fluoranthene
Concen: 3.968 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. 0.00 min
Lab File: BM012380.D
Acq: 22 Oct 2017 03:55

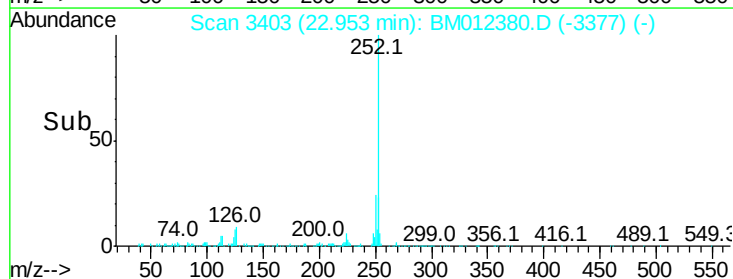
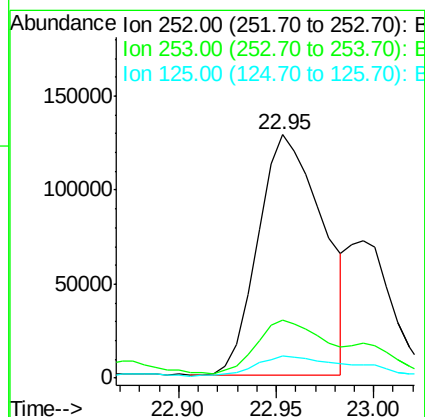
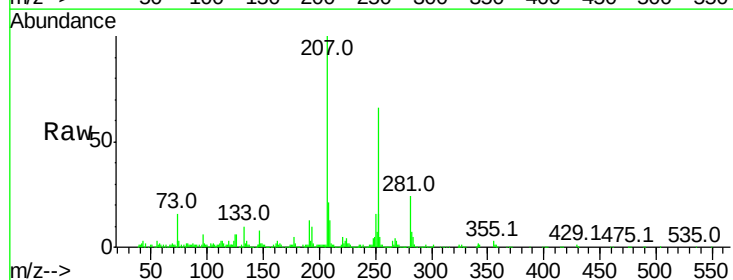
Instrument :
BNA_M
ClientSampleId :

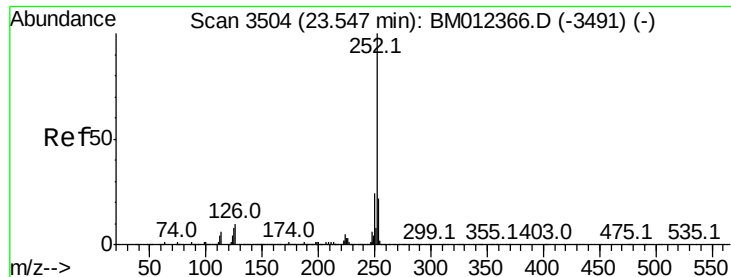
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	9.0	5.1	7.7#



#86
Benzo(k)fluoranthene
Concen: 4.117 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. -0.05 min
Lab File: BM012380.D
Acq: 22 Oct 2017 03:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	9.0	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 2.744 ng/ul

RT: 23.54 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

ClientSampleId :

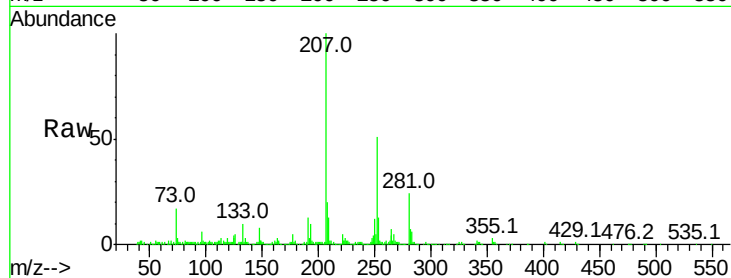
Tot Ion:252 Resp: 192148

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	7.1	5.2	7.8

252 100

253 25.4 17.1 25.7

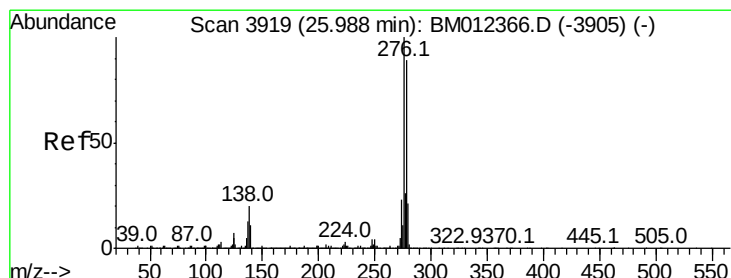
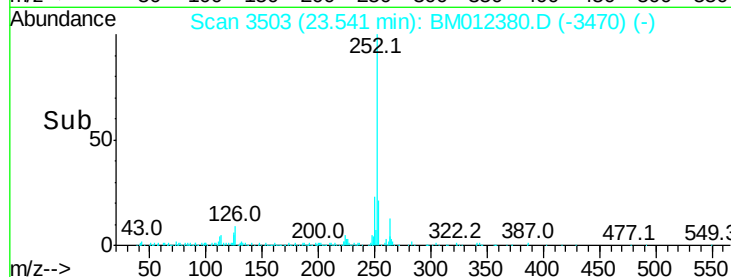
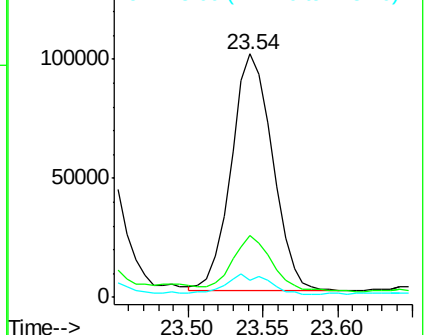
125 7.1 5.2 7.8



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.369 ng/ul

RT: 25.98 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

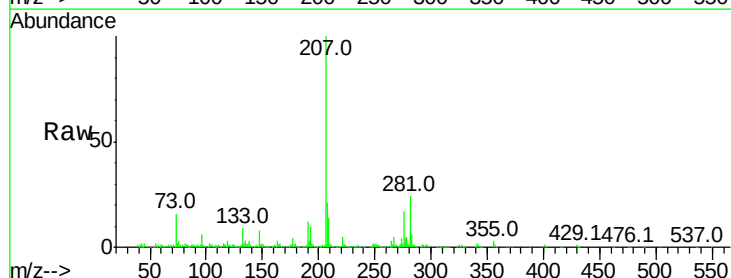
Tgt Ion:276 Resp: 101778

Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.2	19.8
277	25.8	20.6	31.0

276 100

138 17.6 13.2 19.8

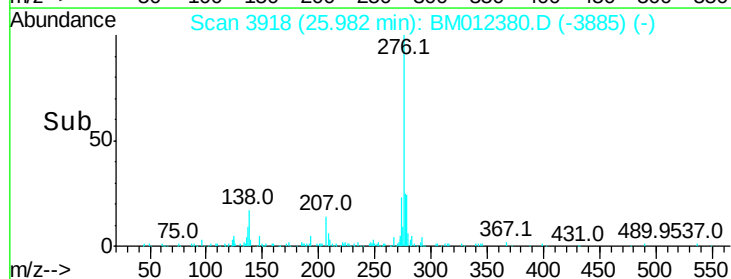
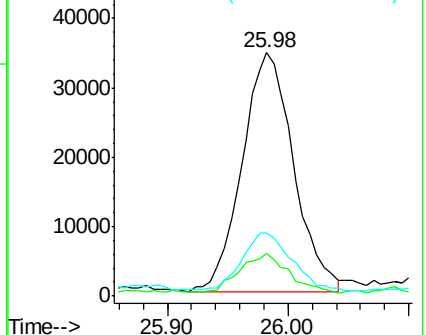
277 25.8 20.6 31.0

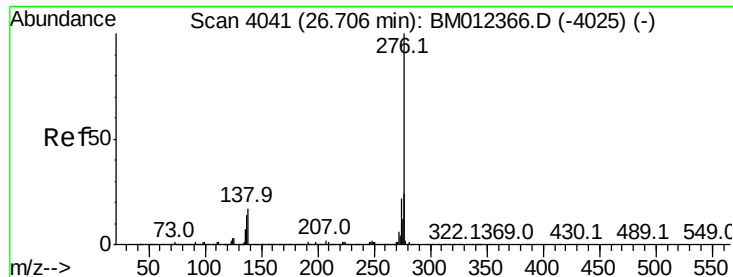


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.281 ng/ul

RT: 26.71 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM012380.D

Acq: 22 Oct 2017 03:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 78002

Ion Ratio Lower Upper

276 100

138 24.5 10.7 16.1#

277 23.9 19.0 28.4

