

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012081.D
 Acq On : 11 Oct 2017 22:46
 Operator : SJ/JU
 Sample : I5490-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:24:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 01:21:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	254209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1102710	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	615326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1200633	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1033551	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1134710	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31091	5.78	ng/uL	0.00
5) Phenol-d5	7.00	99	655631	29.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	417027	32.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	577603	32.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	577749	30.56	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	280284	35.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	329872	37.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	593468	33.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	707292	36.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1937662	36.33	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2305992	36.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	191201	20.52	ng/ul	0.01
57) Fluorene-d10	15.48	176	1547363	32.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	131838	16.32	ng/ul	0.00
70) Anthracene-d10	17.33	188	2076092	35.09	ng/ul	0.00
76) Pyrene-d10	19.63	212	2057618	44.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1948918	35.70	ng/ul	0.00

Target Compounds

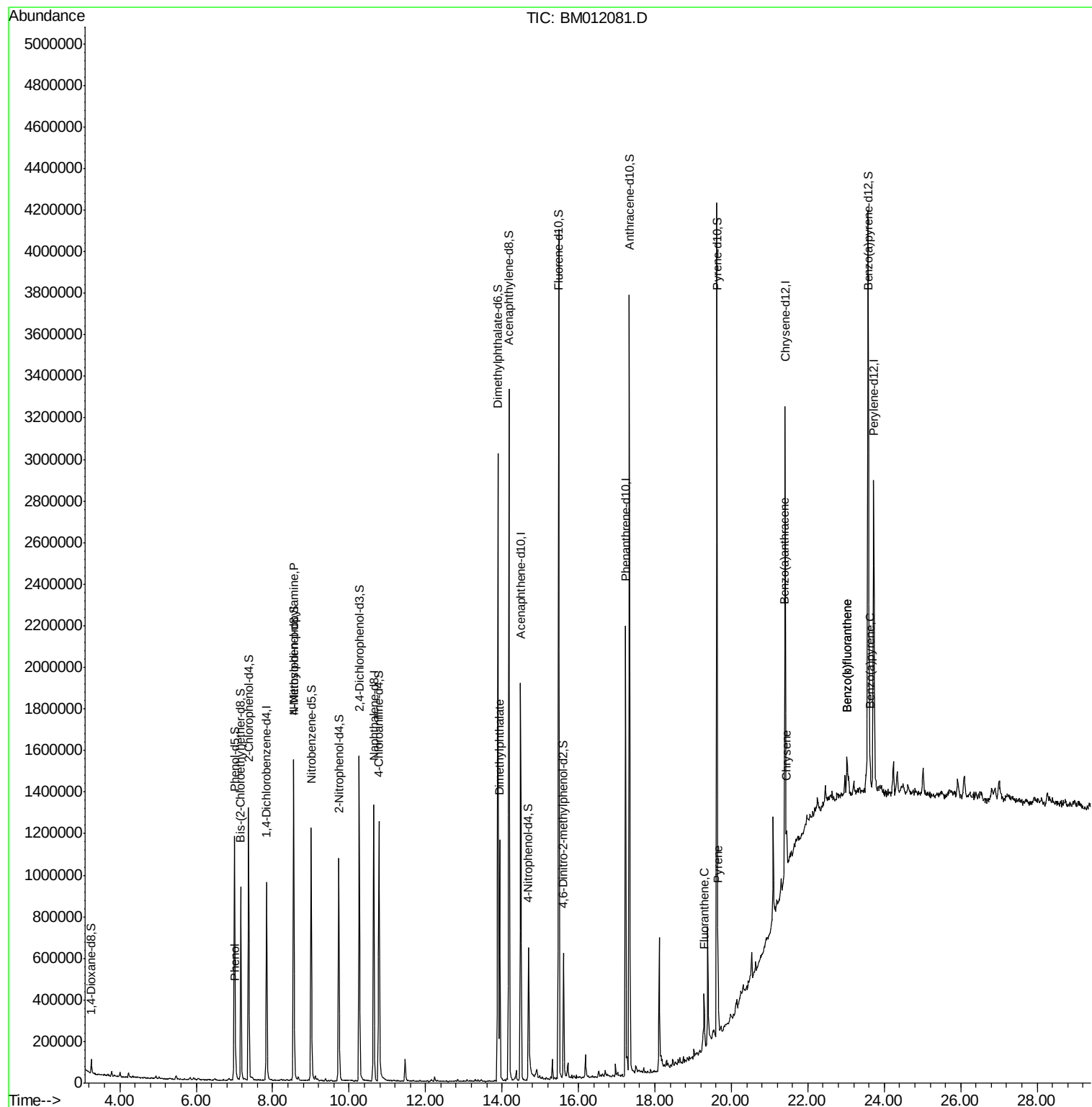
					Ovalue
6) Phenol	7.03	94	34054	1.573	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.55	70	16501	1.166	ng/ul# 1
44) Dimethylphthalate	13.94	163	705646	13.754	ng/ul 100
74) Fluoranthene	19.29	202	151039	1.874	ng/ul# 91
77) Pyrene	19.65	202	159915	2.790	ng/ul# 91
80) Benzo(a)anthracene	21.39	228	108470	1.832	ng/ul# 90
82) Chrysene	21.44	228	108161	1.923	ng/ul# 96
85) Benzo(b)fluoranthene	23.03	252	145802	2.114	ng/ul# 87
86) Benzo(k)fluoranthene	23.03	252	145802	2.117	ng/ul# 85
88) Benzo(a)pyrene	23.63	252	98346	1.484	ng/ul# 87

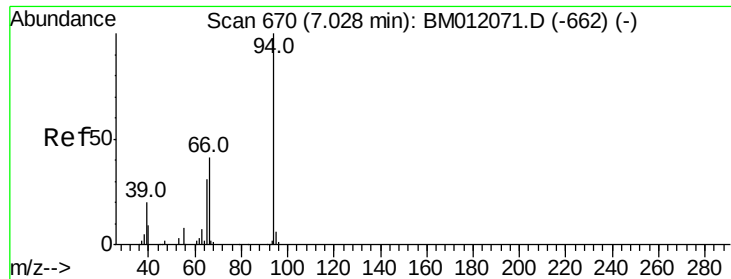
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.573 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

ClientSampleId :

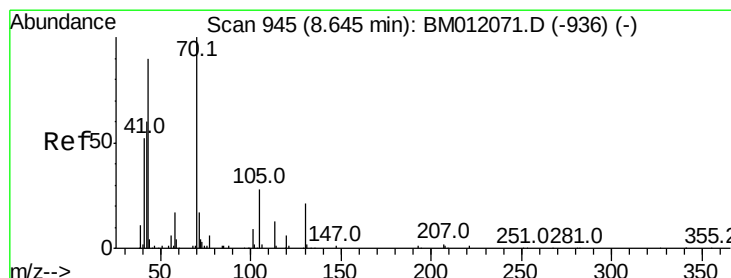
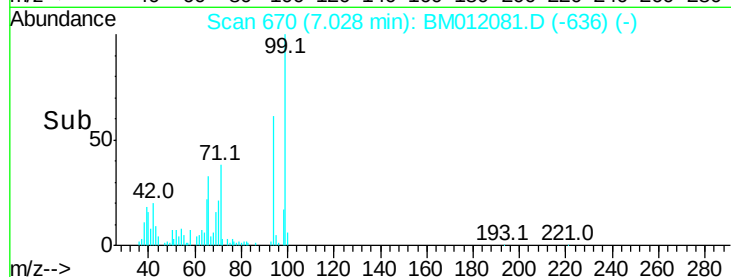
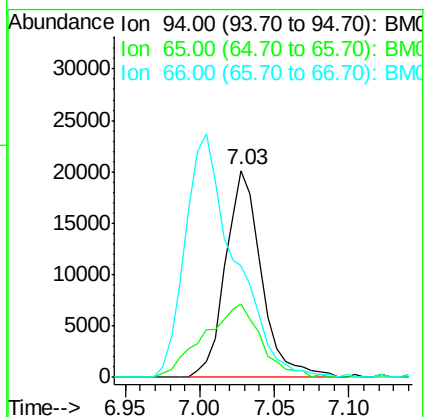
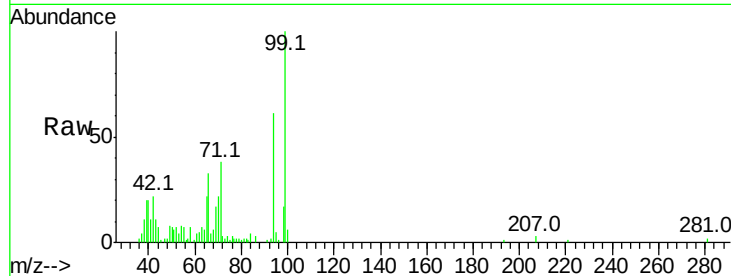
Tot Ion: 94 Resp: 34054

Ion Ratio Lower Upper

94 100

65 35.6 28.2 42.4

66 53.8 47.2 70.8



#15

N-Nitroso-di-n-propylamine

Concen: 1.166 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. -0.10 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Tgt Ion: 70 Resp: 16501

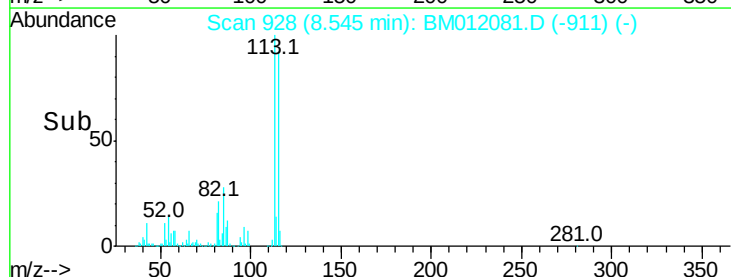
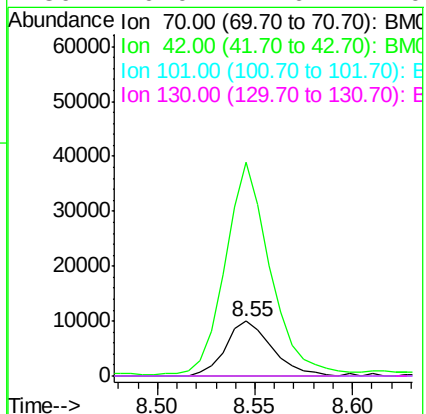
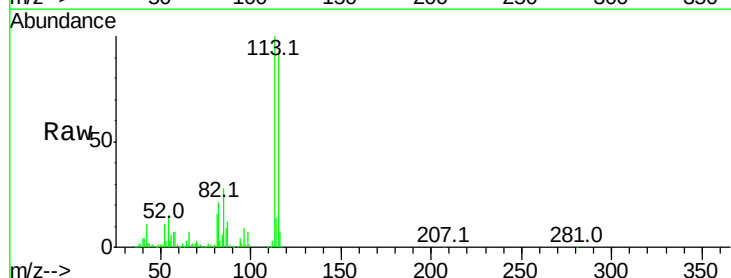
Ion Ratio Lower Upper

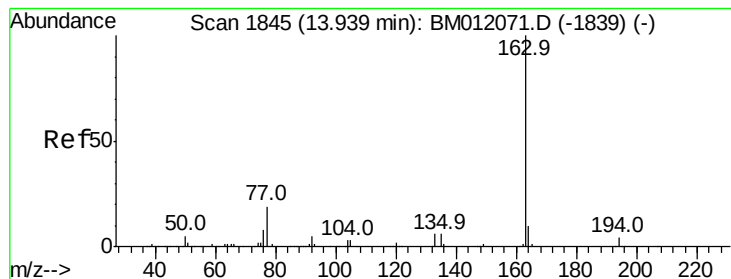
70 100

42 389.5 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#





#44

Dimethylphthalate

Concen: 13.754 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

ClientSampleId :

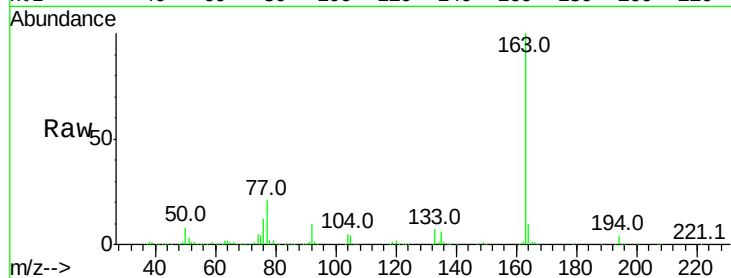
Tot Ion:163 Resp: 705646

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

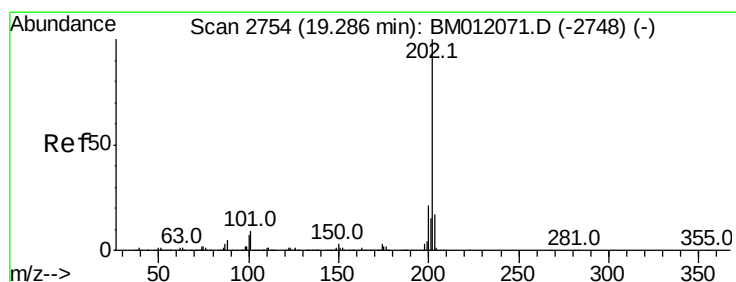
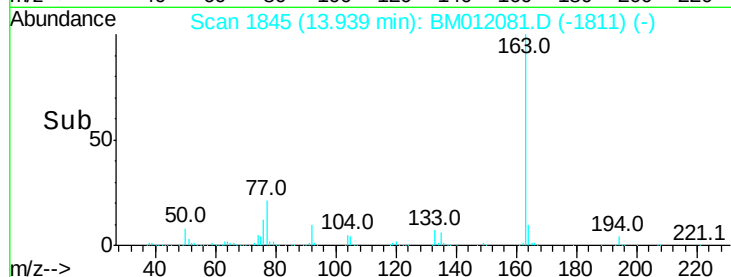
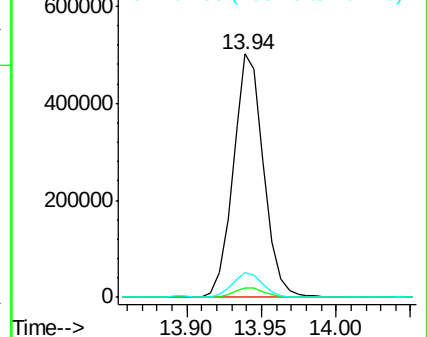
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#74

Fluoranthene

Concen: 1.874 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

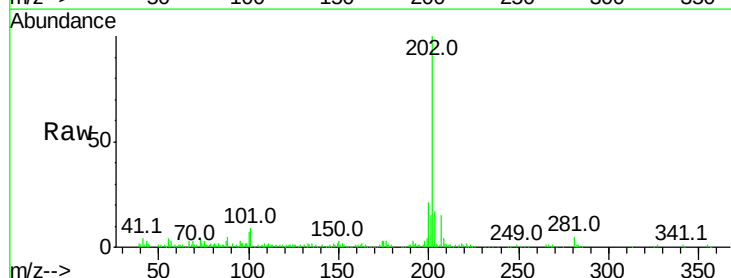
Tgt Ion:202 Resp: 151039

Ion Ratio Lower Upper

202 100

101 8.7 4.6 7.0#

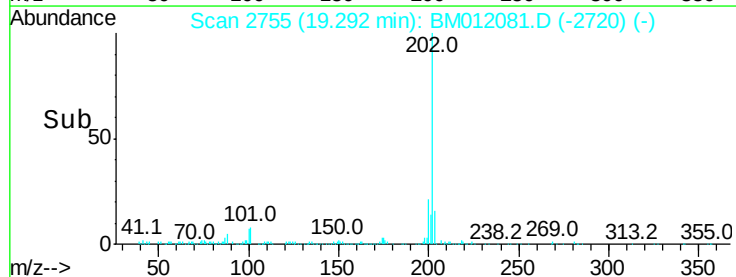
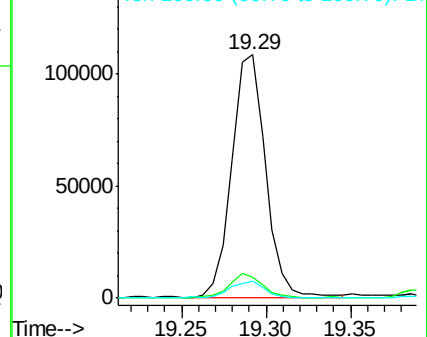
100 7.2 3.4 5.2#

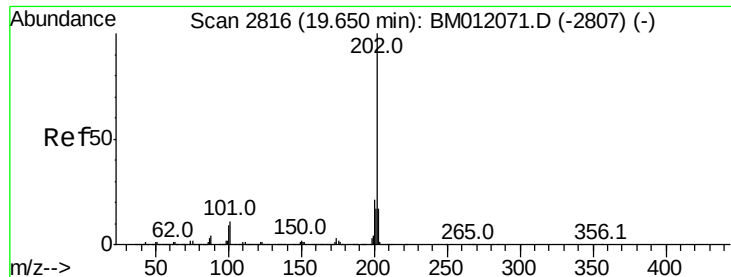


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.790 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

ClientSampleId :

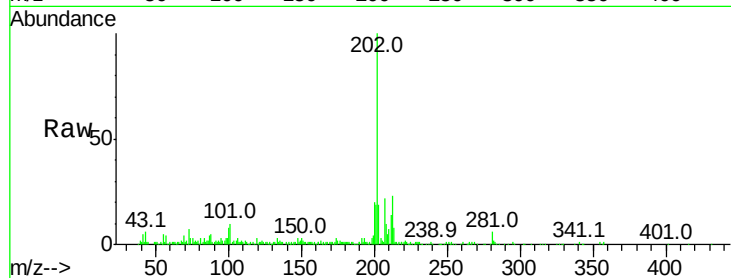
Tot Ion:202 Resp: 159915

Ion Ratio Lower Upper

202 100

101 10.4 5.1 7.7#

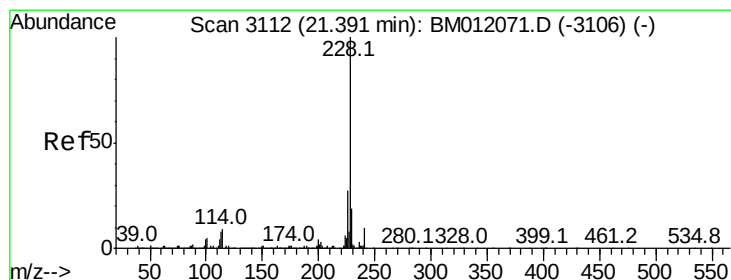
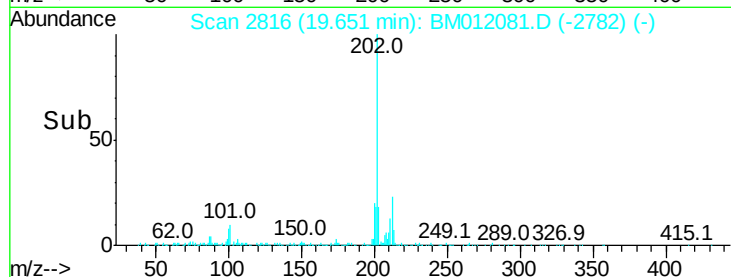
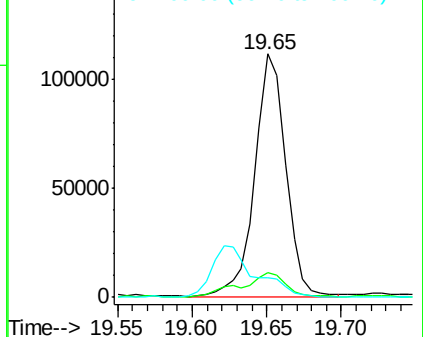
100 7.9 4.9 7.3#



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: 1.832 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

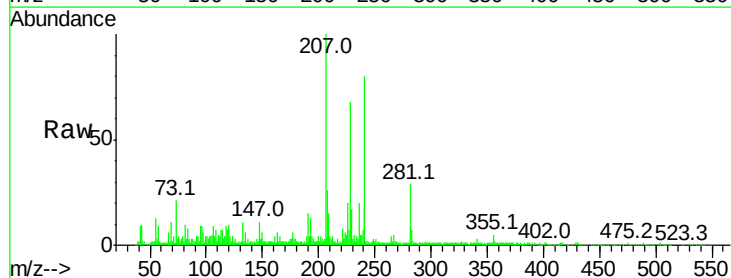
Tgt Ion:228 Resp: 108470

Ion Ratio Lower Upper

228 100

229 25.4 15.4 23.0#

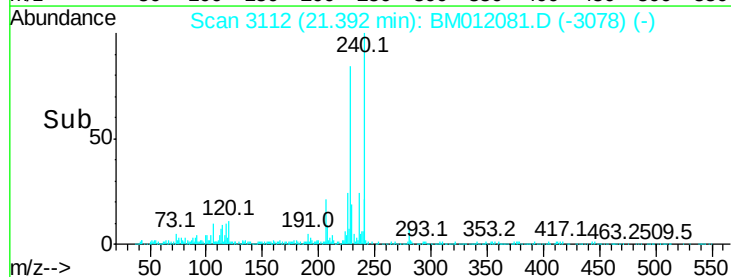
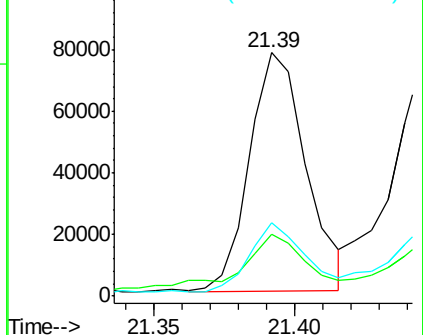
226 30.1 21.4 32.0

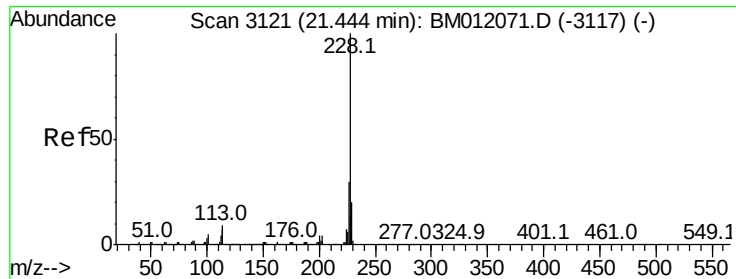


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.923 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

Instrument :

BNA_M

ClientSampleId :

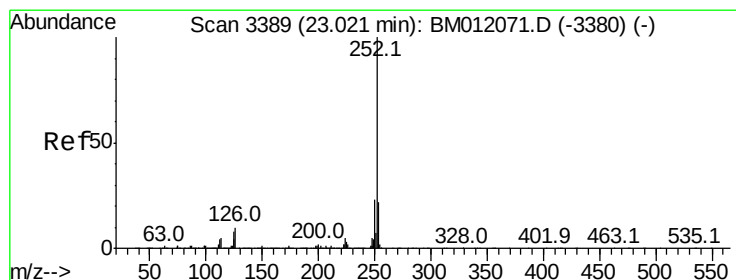
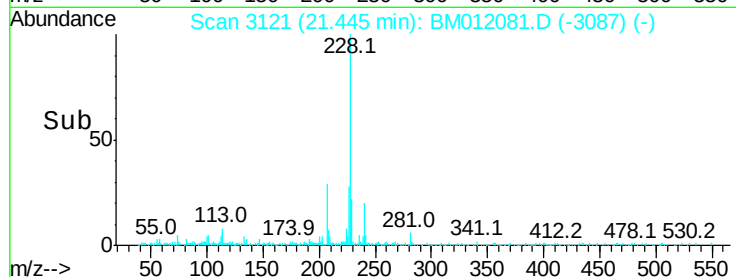
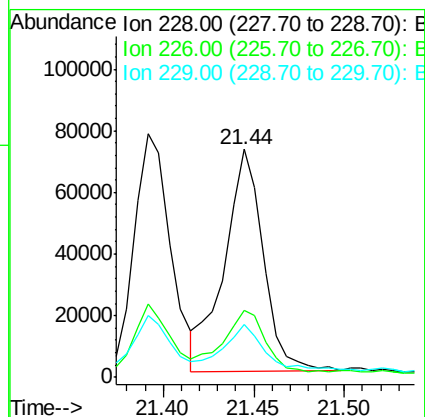
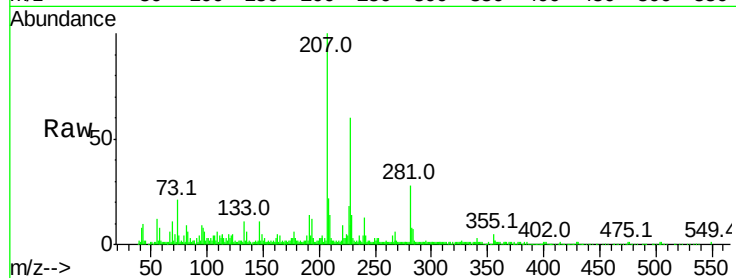
Tot Ion:228 Resp: 108161

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 23.4 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 2.114 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM012081.D

Acq: 11 Oct 2017 22:46

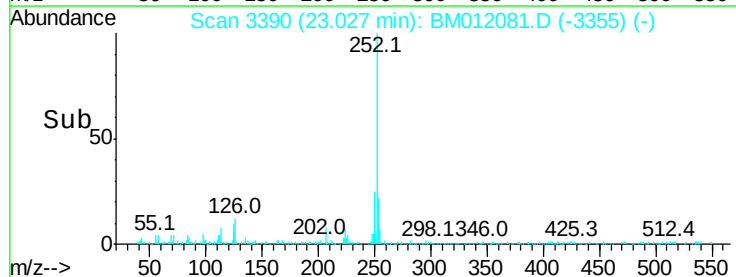
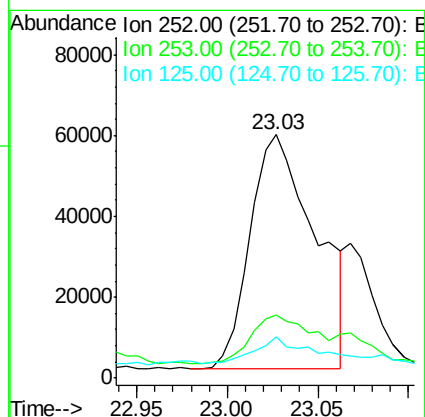
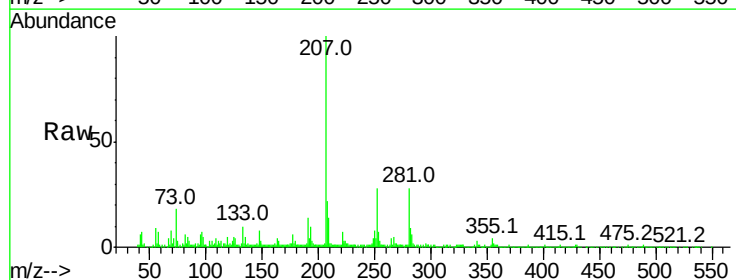
Tgt Ion:252 Resp: 145802

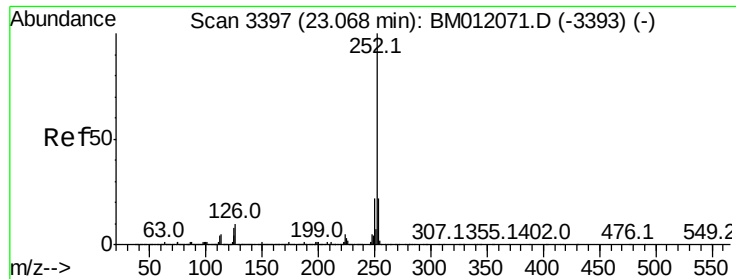
Ion Ratio Lower Upper

252 100

253 26.0 17.9 26.9

125 16.9 3.6 5.4#

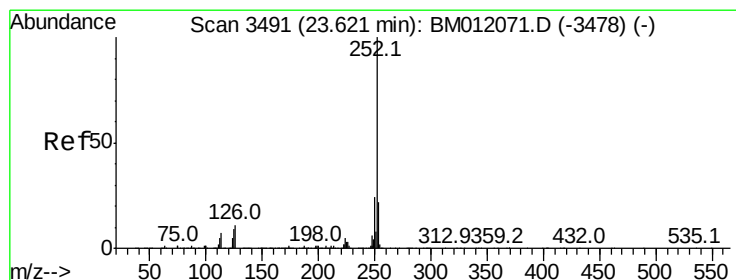
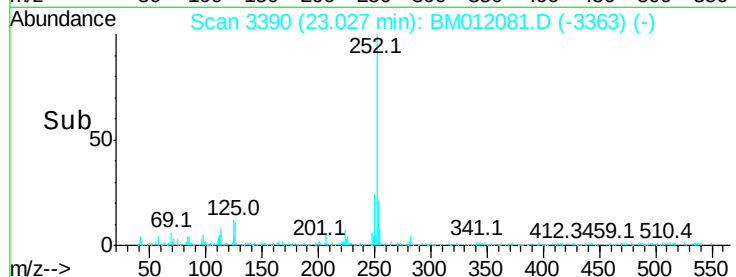
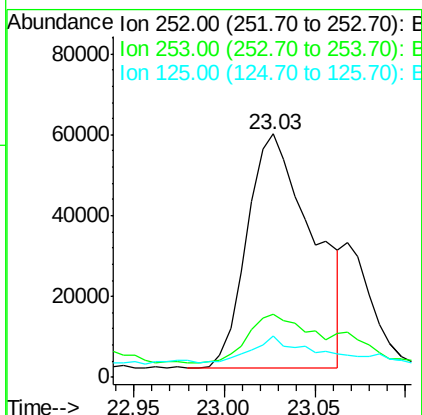
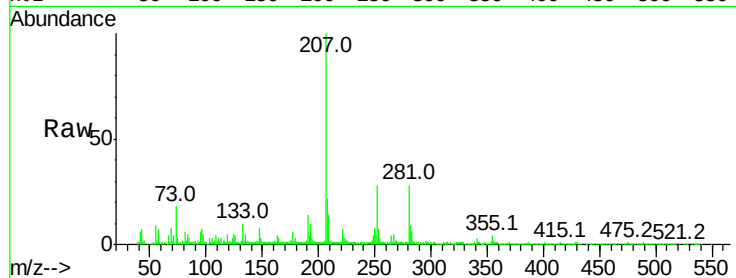




#86
Benzo(k)fluoranthene
Concen: 2.117 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012081.D
Acq: 11 Oct 2017 22:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	16.9	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 1.484 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BM012081.D
Acq: 11 Oct 2017 22:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.2	27.2#
125	15.2	4.0	6.0#

