

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012395.D
 Acq On : 22 Oct 2017 13:32
 Operator : SJ/JU
 Sample : I5756-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 08:38:52 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	316144	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1349987	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	802227	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1713603	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1242383	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1246100	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	31047	4.67	ng/uL	0.00
5) Phenol-d5	6.94	99	759705	29.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	472659	30.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	697639	32.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	649527	29.41	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	341398	33.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	402586	33.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	741273	32.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	419511	19.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	2356659	33.24	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	2872238	33.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	234471	22.00	ng/ul	0.01
57) Fluorene-d10	15.41	176	1995226	34.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	203559	17.31	ng/ul	0.00
70) Anthracene-d10	17.27	188	2905367	34.29	ng/ul	0.00
76) Pyrene-d10	19.57	212	2862663	45.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2143671	35.68	ng/ul	0.01

Target Compounds

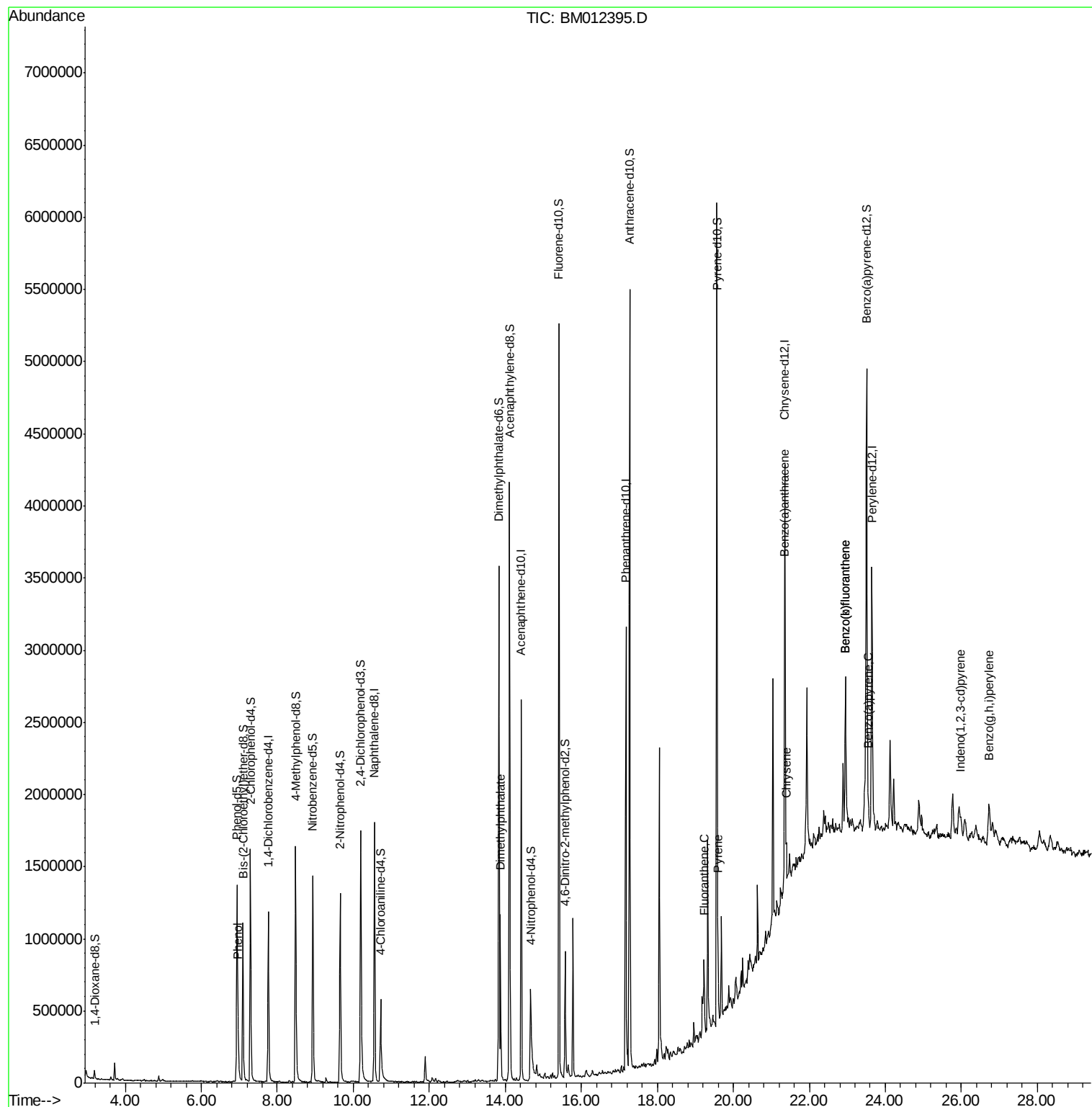
					Ovalue
6) Phenol	6.97	94	148989	5.619	ng/ul 90
44) Dimethylphthalate	13.88	163	703492	9.903	ng/ul 99
74) Fluoranthene	19.23	202	214606	1.824	ng/ul# 96
77) Pyrene	19.59	202	295290	3.599	ng/ul 97
80) Benzo(a)anthracene	21.34	228	127320	1.575	ng/ul 93
82) Chrysene	21.39	228	163940	2.160	ng/ul# 92
85) Benzo(b)fluoranthene	22.96	252	198095	2.436	ng/ul# 83
86) Benzo(k)fluoranthene	22.96	252	198095	2.528	ng/ul# 84
88) Benzo(a)pyrene	23.55	252	137635	1.796	ng/ul# 84
89) Indeno(1,2,3-cd)pyrene	25.99	276	111505	1.370	ng/ul# 90
91) Benzo(g,h,i)perylene	26.72	276	111417	1.671	ng/ul# 84

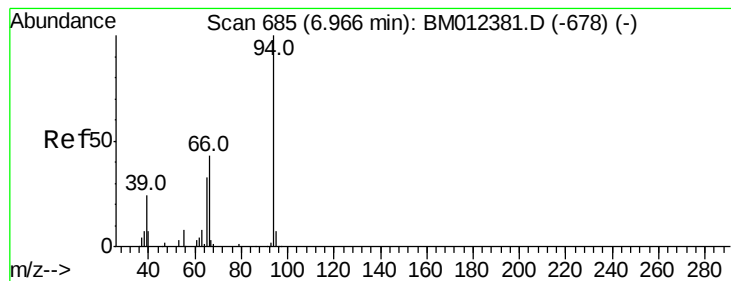
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 5.619 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

Instrument :

BNA_M

ClientSampleId :

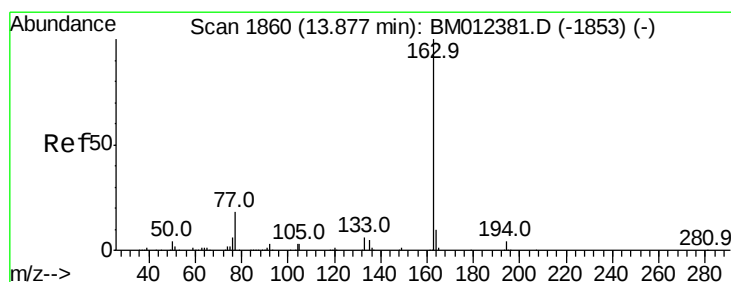
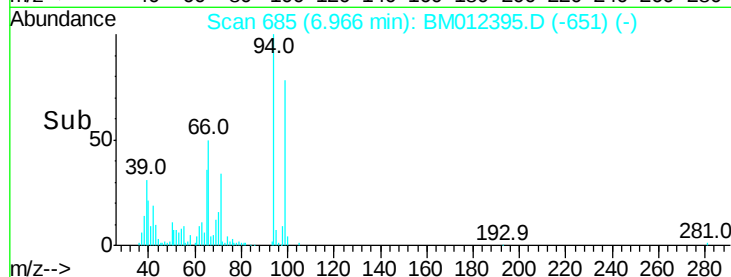
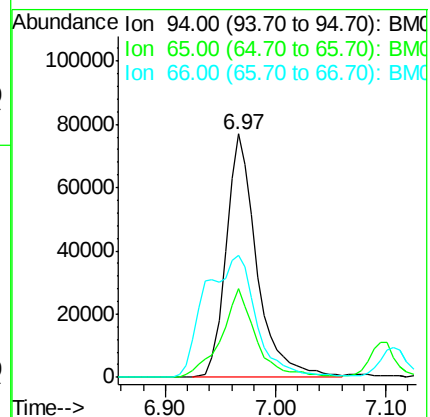
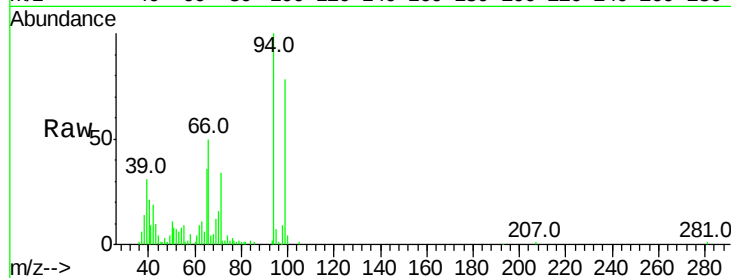
Tot Ion: 94 Resp: 148989

Ion Ratio Lower Upper

94 100

65 36.3 24.4 36.6

66 50.1 35.0 52.4



#44

Dimethylphthalate

Concen: 9.903 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

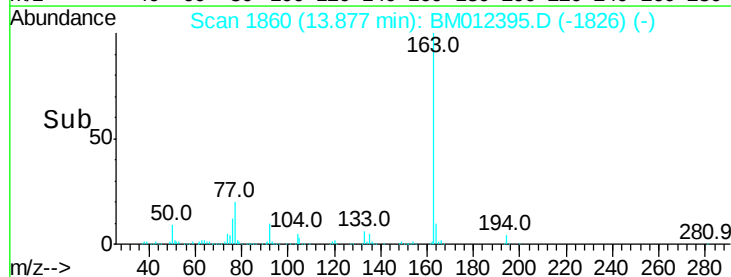
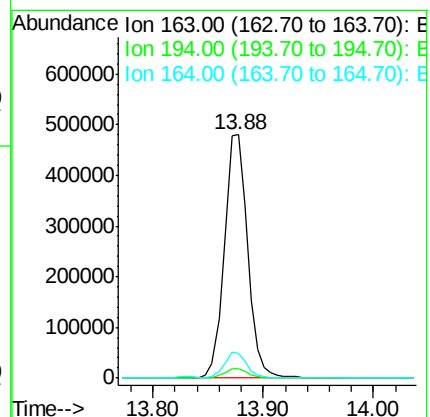
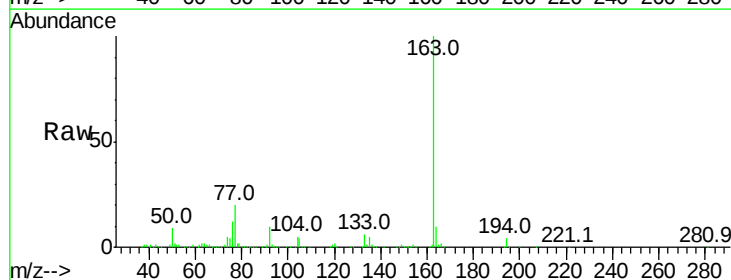
Tgt Ion: 163 Resp: 703492

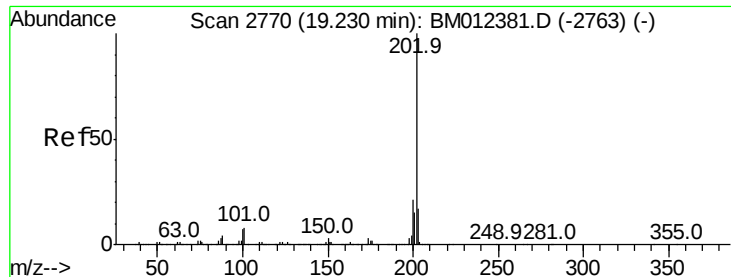
Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

164 10.0 8.1 12.1





#74

Fluoranthene

Concen: 1.824 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

Instrument :

BNA_M

ClientSampleId :

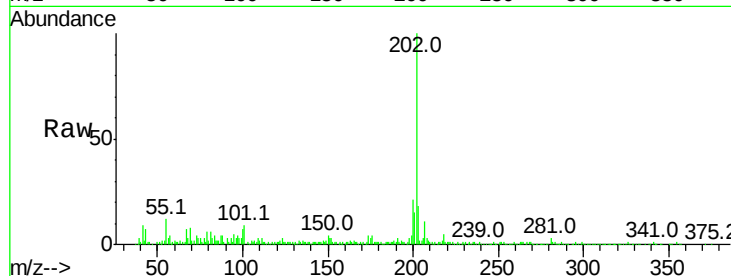
Tot Ion:202 Resp: 214606

Ion Ratio Lower Upper

202 100

101 8.6 5.8 8.6

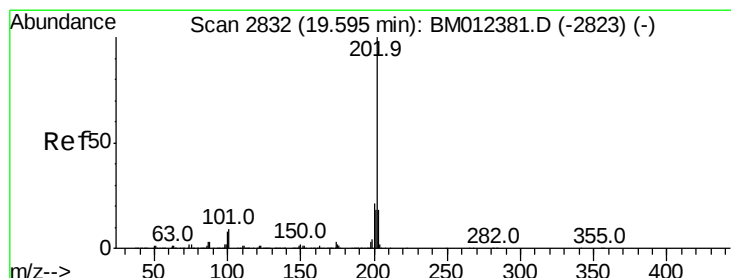
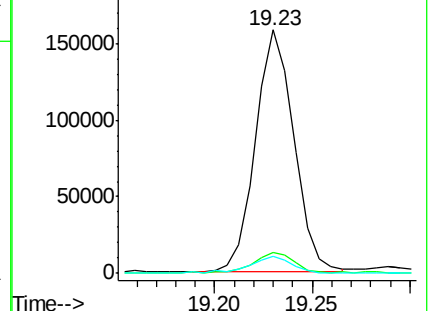
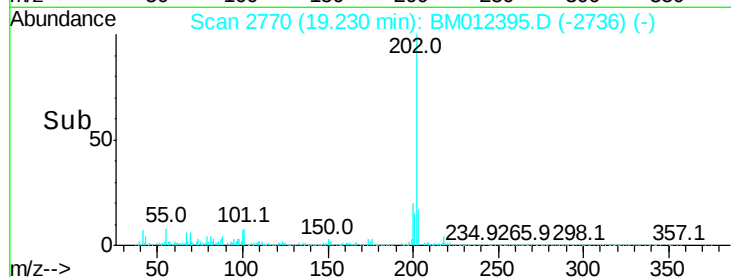
100 7.0 4.3 6.5#



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: 3.599 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

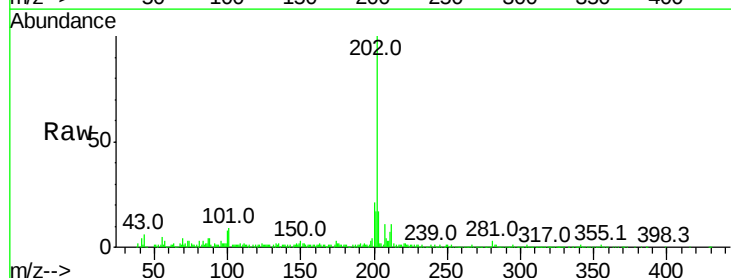
Tgt Ion:202 Resp: 295290

Ion Ratio Lower Upper

202 100

101 9.3 6.5 9.7

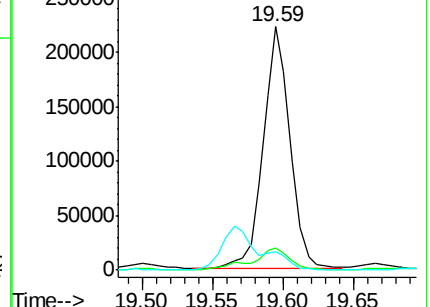
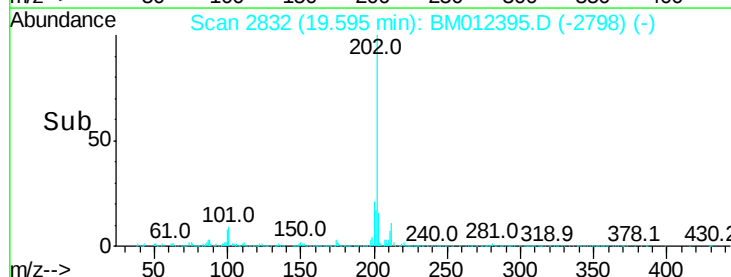
100 7.7 5.6 8.4

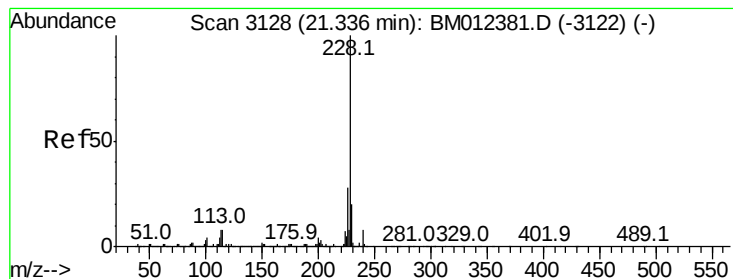


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.575 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

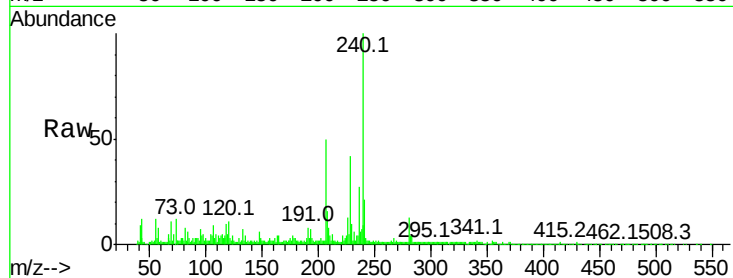
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 127320

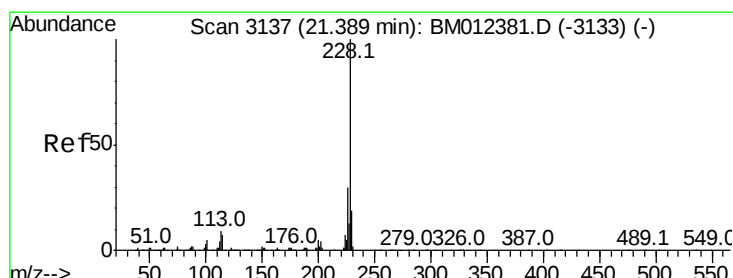
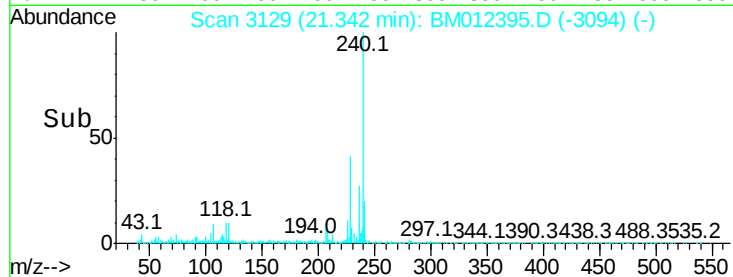
Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.8	23.8
226	29.8	21.4	32.2



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: 2.160 ng/ul

RT: 21.39 min Scan# 3138

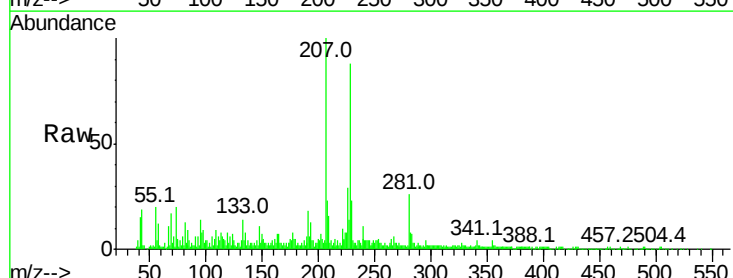
Delta R.T. 0.01 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

Tgt Ion:228 Resp: 163940

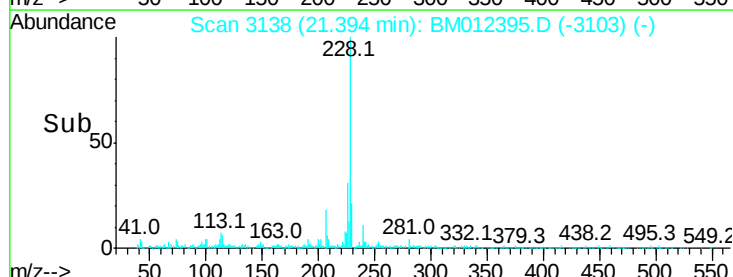
Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	25.5	15.5	23.3

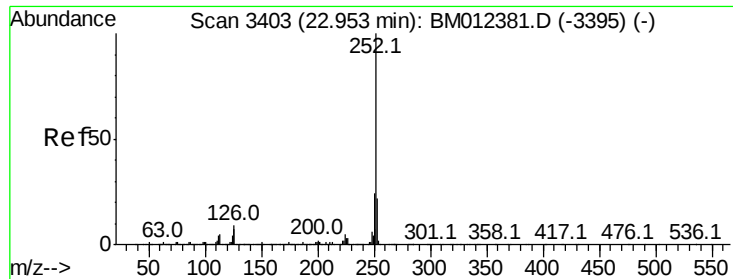


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

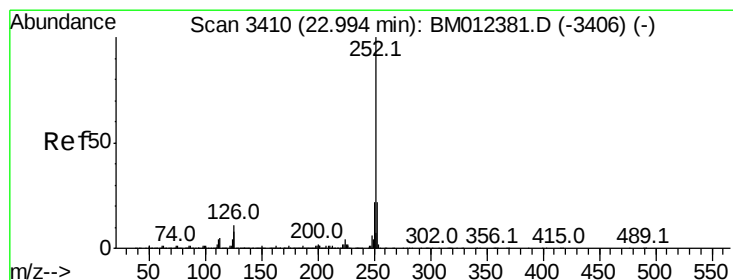
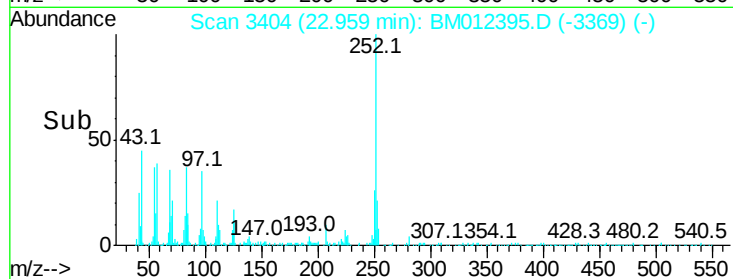
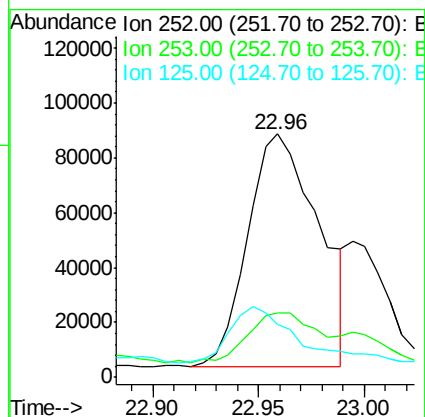
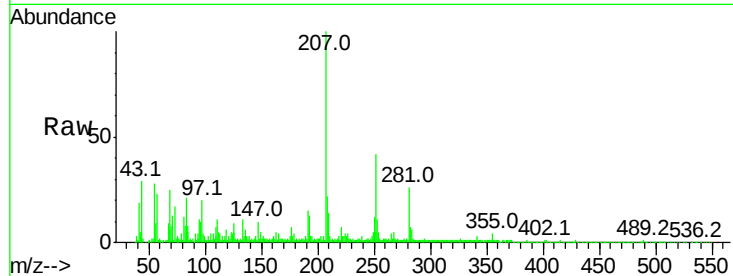




#85
Benzo(b)fluoranthene
Concen: 2.436 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012395.D
Acq: 22 Oct 2017 13:32

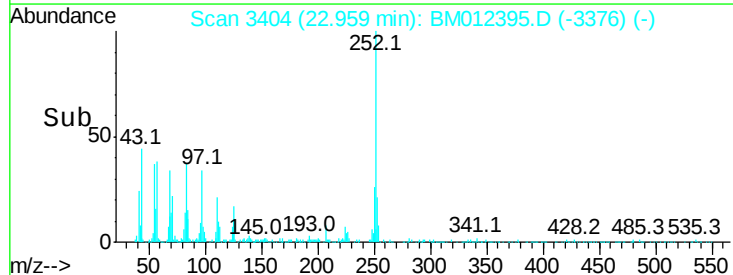
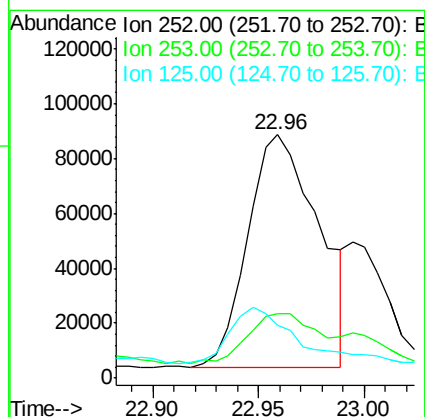
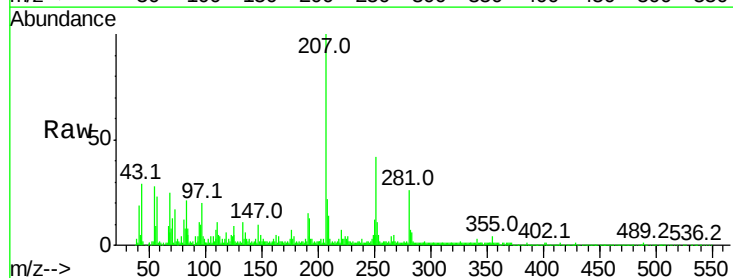
Instrument :
BNA_M
ClientSampleId :

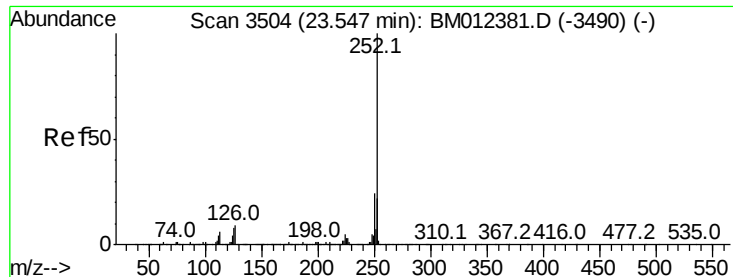
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.2#
125	21.7	5.1	7.7#



#86
Benzo(k)fluoranthene
Concen: 2.528 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. -0.04 min
Lab File: BM012395.D
Acq: 22 Oct 2017 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.6
125	21.7	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 1.796 ng/ul

RT: 23.55 min Scan# 3504

Delta R.T. -0.00 min

Lab File: BM012395.D

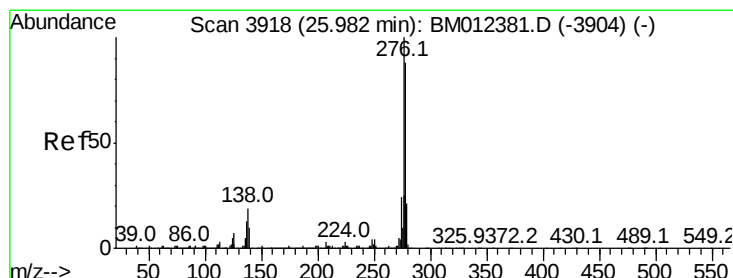
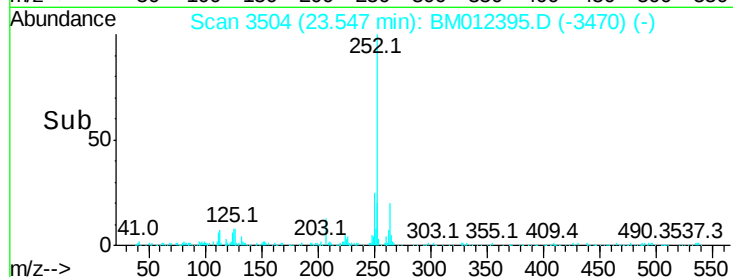
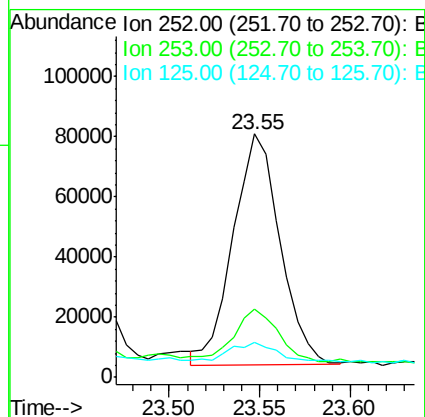
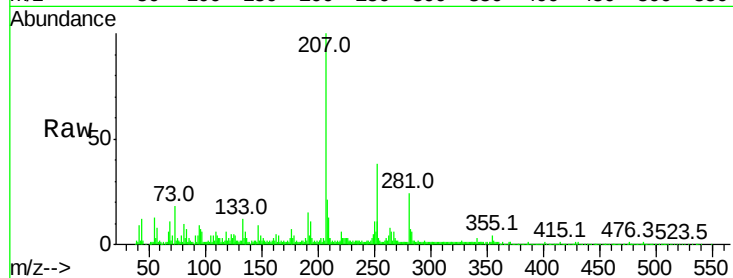
Acq: 22 Oct 2017 13:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	137635
Ion Ratio	Lower	Upper
252	100	
253	27.8	17.1 25.7#
125	14.3	5.2 7.8#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.370 ng/ul

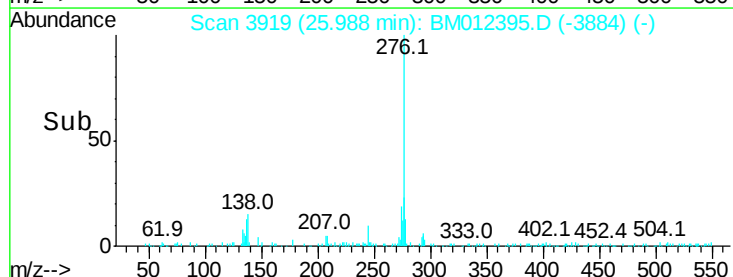
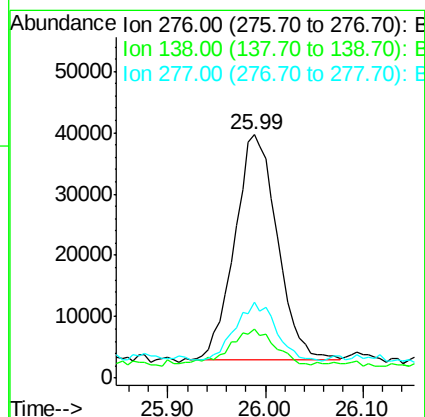
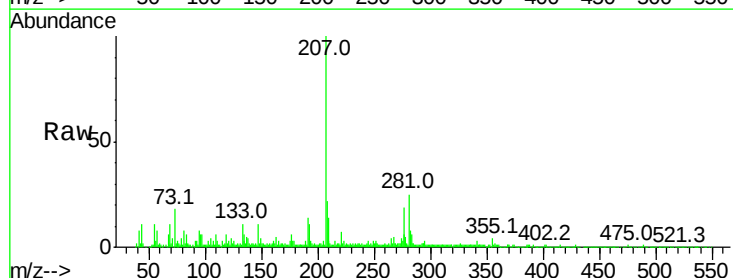
RT: 25.99 min Scan# 3919

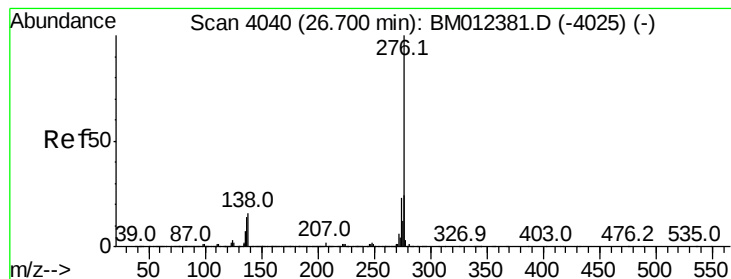
Delta R.T. 0.01 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

Tgt Ion:276	Resp:	111505
Ion Ratio	Lower	Upper
276	100	
138	20.0	13.2 19.8#
277	31.3	20.6 31.0#





#91

Benzo(a,h,i)perylene

Concen: 1.671 ng/ul

RT: 26.72 min Scan# 4043

Delta R.T. 0.02 min

Lab File: BM012395.D

Acq: 22 Oct 2017 13:32

Instrument :

BNA_M

ClientSampleId :

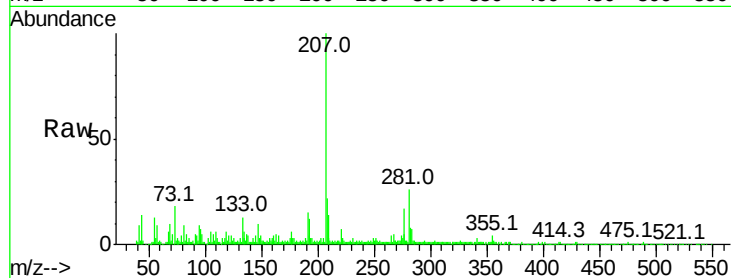
Tot Ion:276 Resp: 111417

Ion Ratio Lower Upper

276 100

138 22.8 10.7 16.1#

277 29.4 19.0 28.4#



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

