

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 :
 B0CM4

Quant Time: Oct 23 09:16:24 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

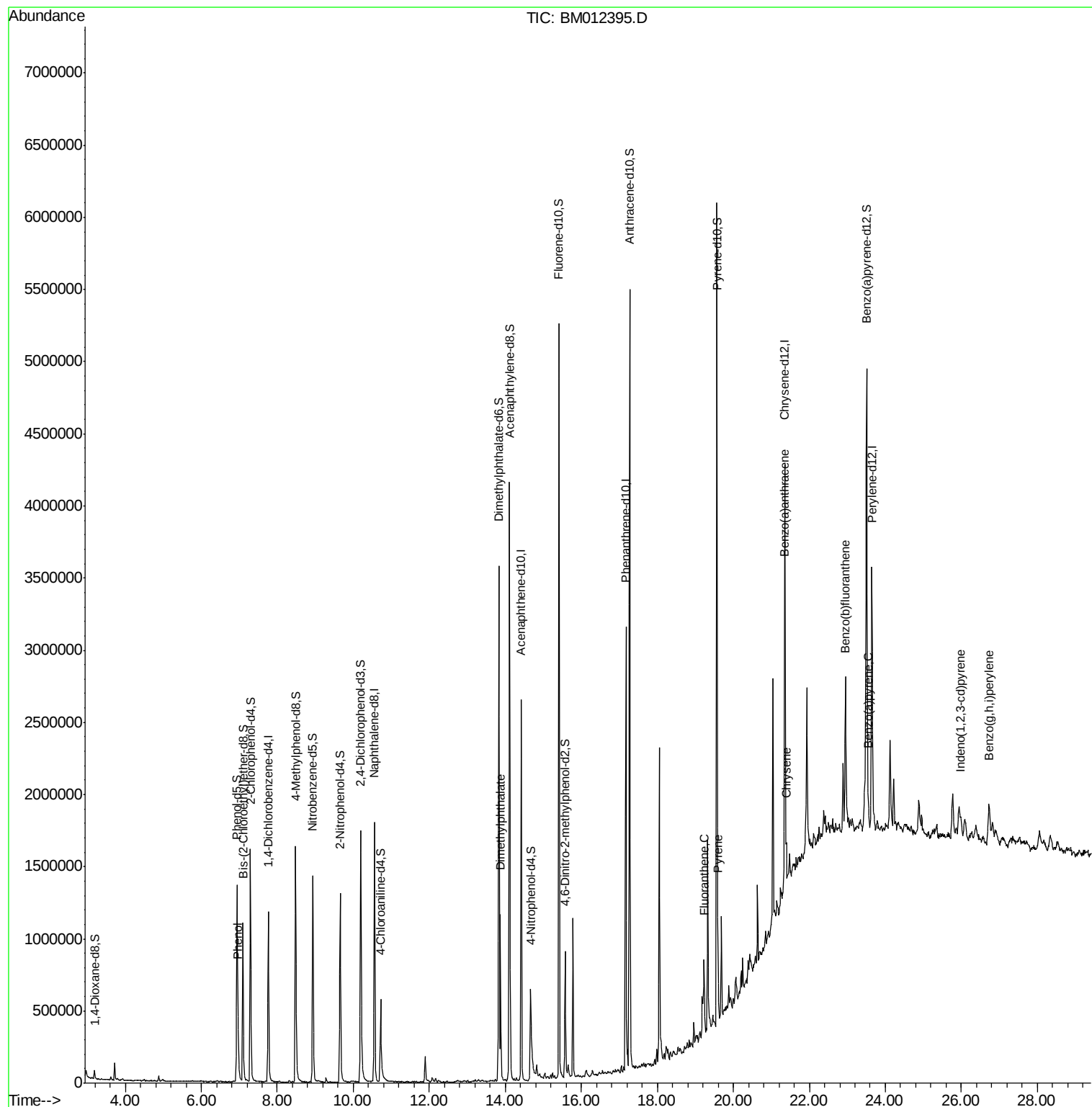
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	316144	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1349987	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	802227	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1713603	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	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						
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
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

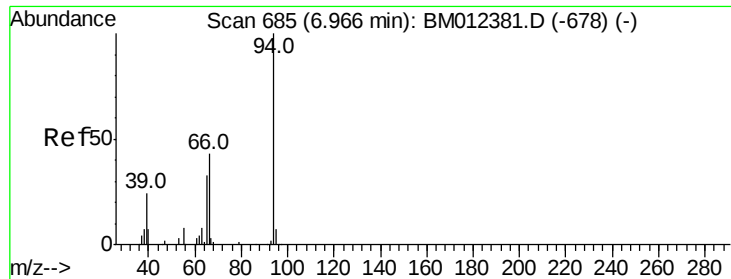
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

B0CM4

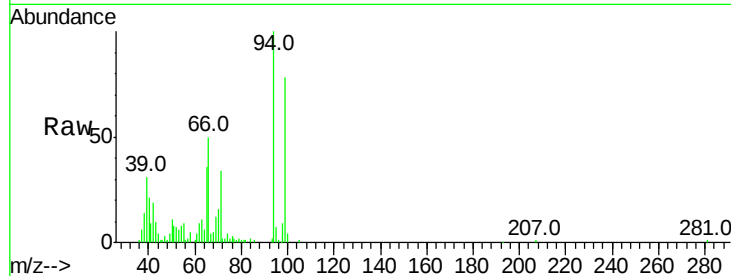
Tot Ion: 94 Resp: 148989

Ion Ratio Lower Upper

94 100

65 36.3 24.4 36.6

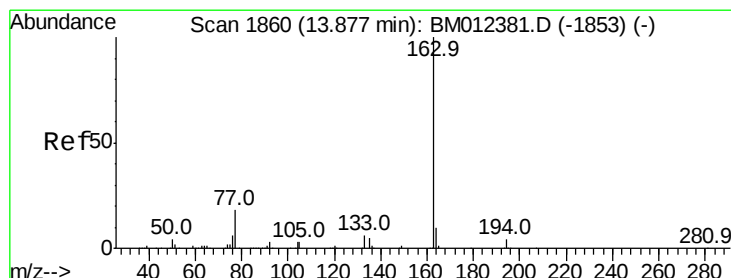
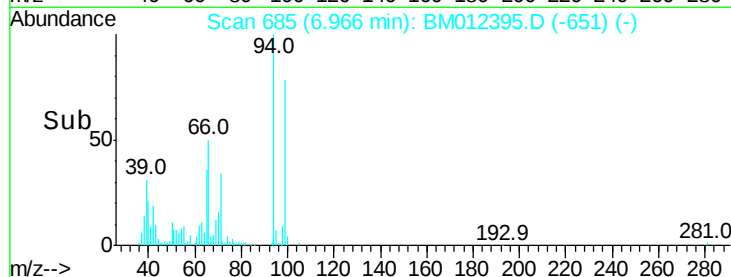
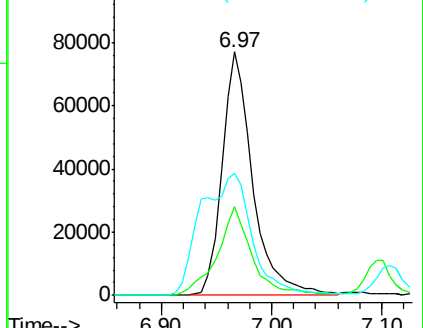
66 50.1 35.0 52.4



Abundance Ion 94.00 (93.70 to 94.70): BM012381.D (-678) (-)

Ion 65.00 (64.70 to 65.70): BM012381.D (-678) (-)

Ion 66.00 (65.70 to 66.70): BM012381.D (-678) (-)



#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

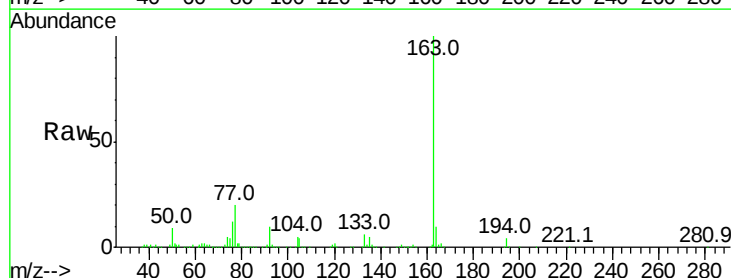
Tgt Ion: 163 Resp: 703492

Ion Ratio Lower Upper

163 100

194 3.9 3.7 5.5

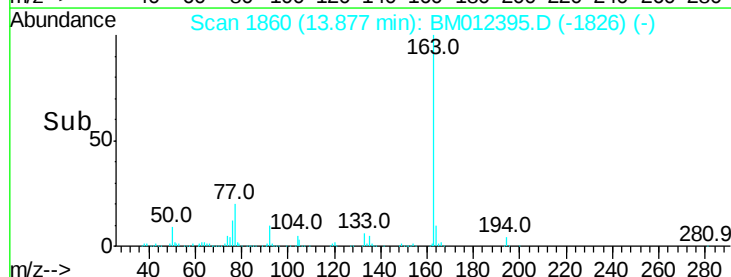
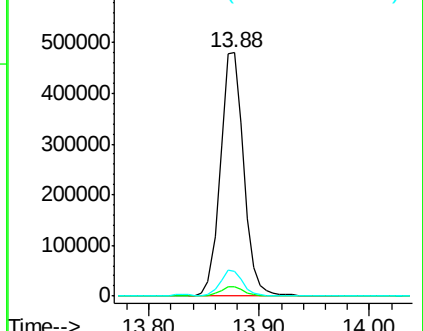
164 10.0 8.1 12.1

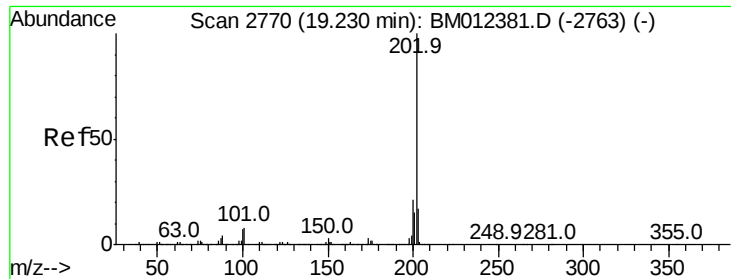


Abundance Ion 163.00 (162.70 to 163.70): BM012381.D (-1853) (-)

Ion 194.00 (193.70 to 194.70): BM012381.D (-1853) (-)

Ion 164.00 (163.70 to 164.70): BM012381.D (-1853) (-)





#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 :

B0CM4

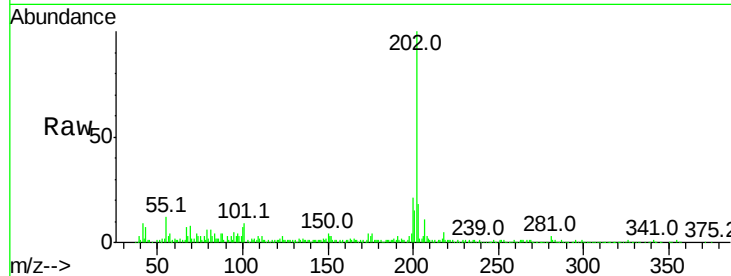
Tot Ion:202 Resp: 214606

Ion Ratio Lower Upper

202 100

101 8.6 5.8 8.6

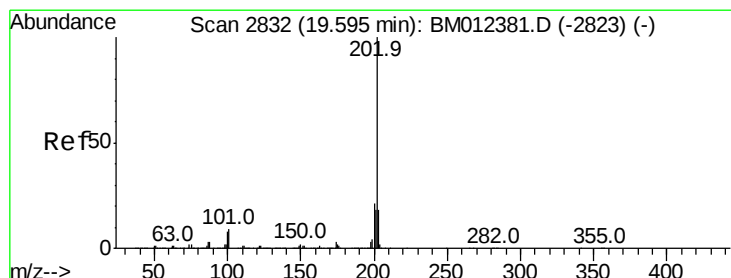
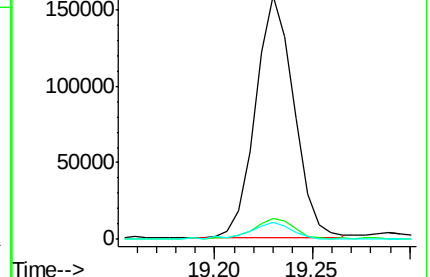
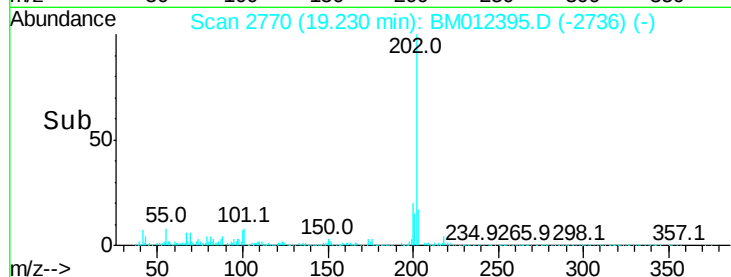
100 7.0 4.3 6.5#



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

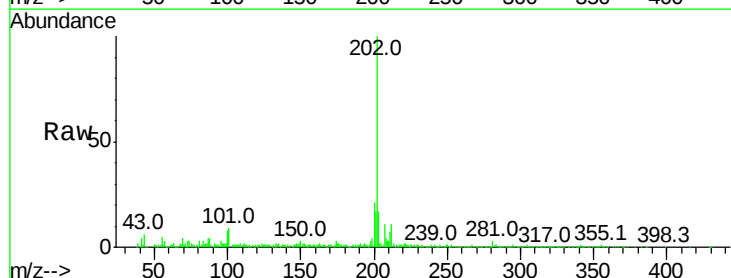
Tgt Ion:202 Resp: 295290

Ion Ratio Lower Upper

202 100

101 9.3 6.5 9.7

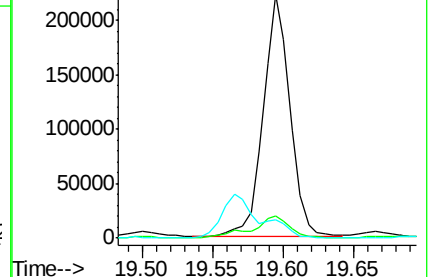
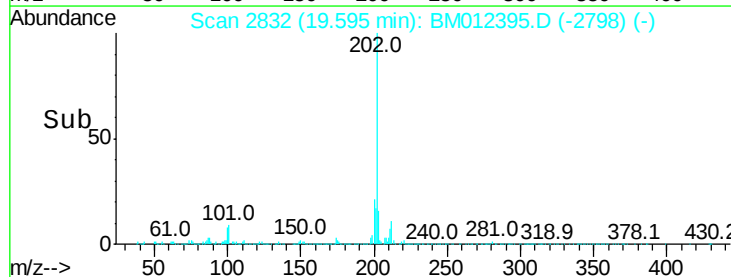
100 7.7 5.6 8.4

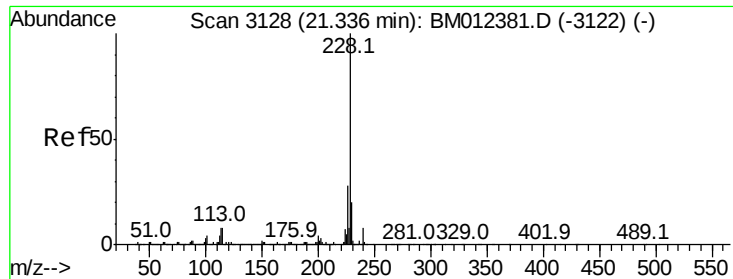


Abundance Ion 202.00 (201.70 to 202.70): E

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

ClientSampled :

B0CM4

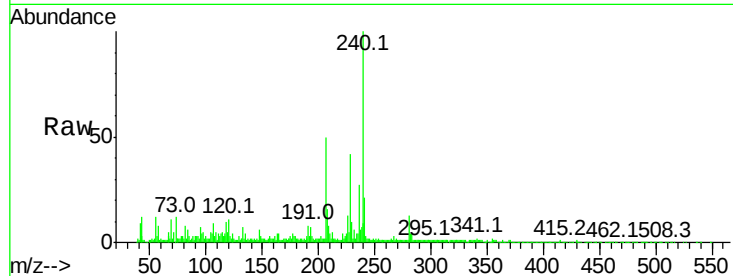
Tot Ion:228 Resp: 127320

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

228 100

229 23.7 15.8 23.8

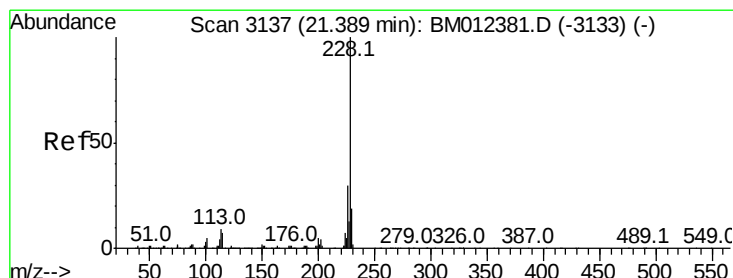
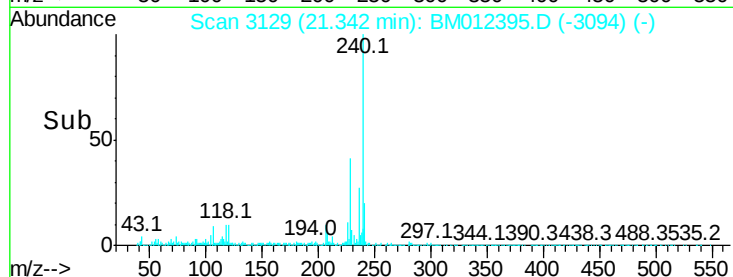
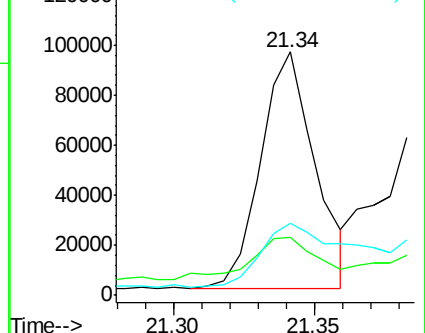
226 29.8 21.4 32.2



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

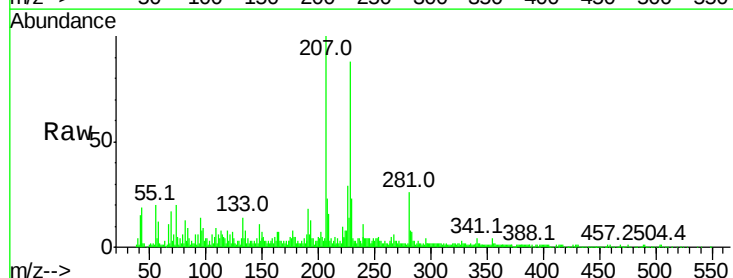
Tgt Ion:228 Resp: 163940

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

228 100

226 32.7 24.0 36.0

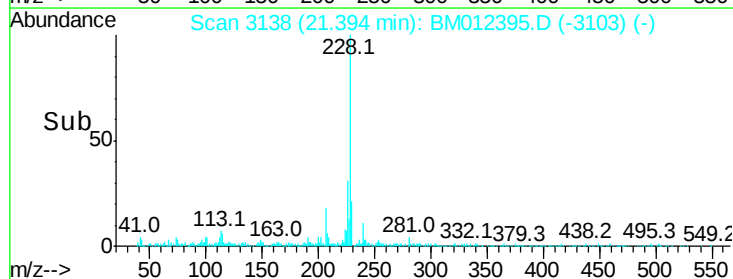
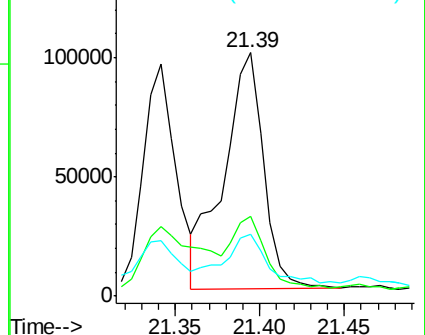
229 25.5 15.5 23.3#

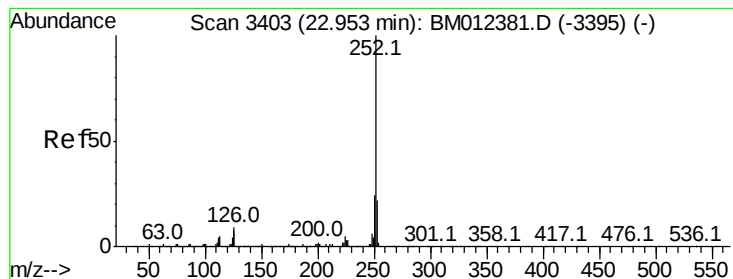


Abundance Ion 228.00 (227.70 to 228.70): E

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

ClientSampled :

B0CM4

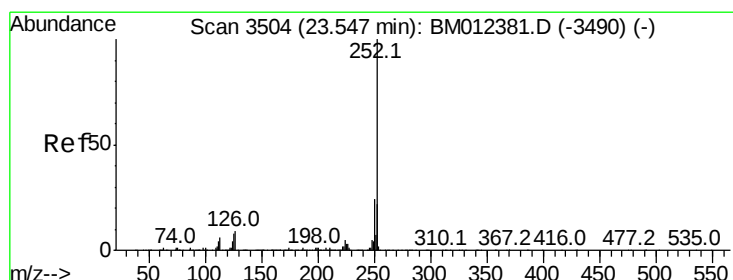
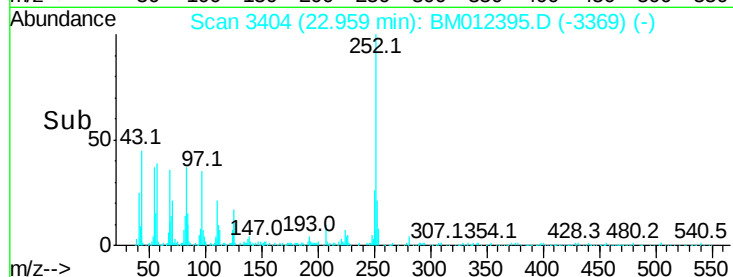
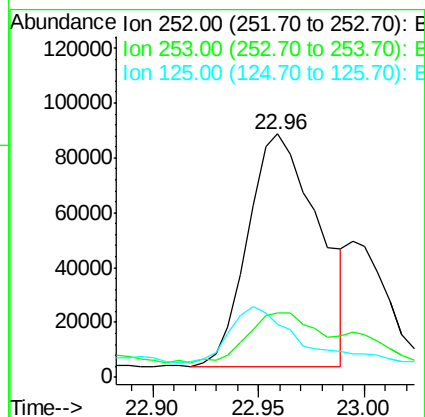
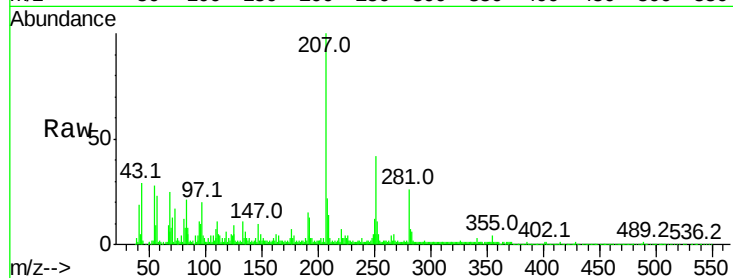
Tot Ion:252 Resp: 198095

Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.2#

125 21.7 5.1 7.7#



#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

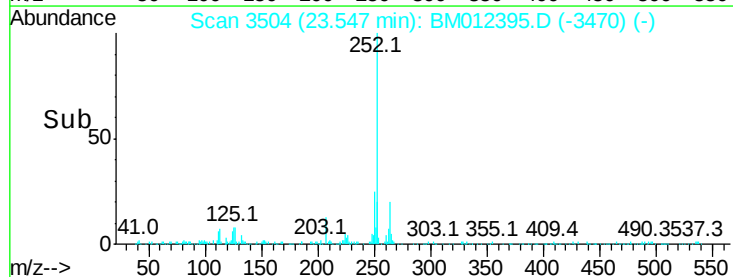
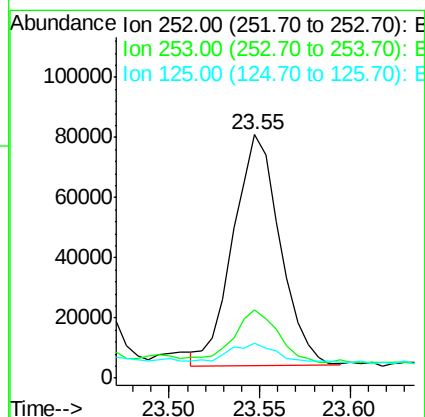
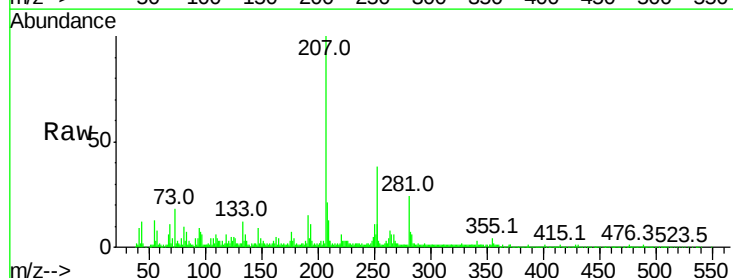
Tgt Ion:252 Resp: 137635

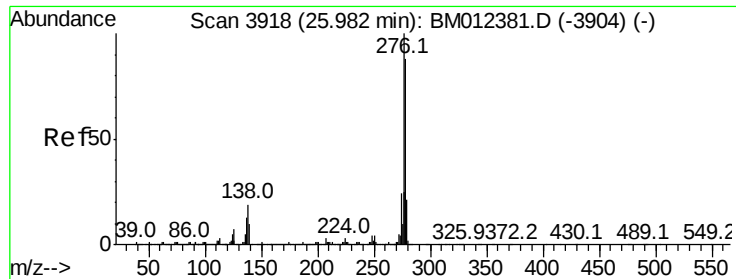
Ion Ratio Lower Upper

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

Instrument :

BNA_M

ClientSampled :

B0CM4

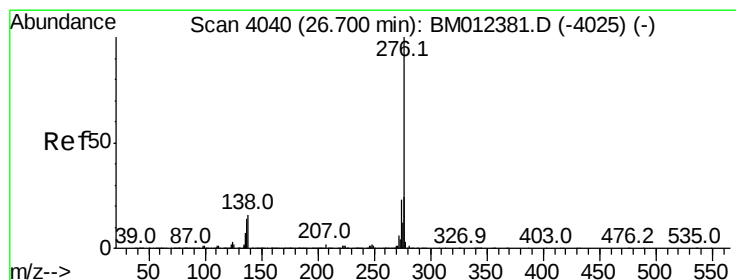
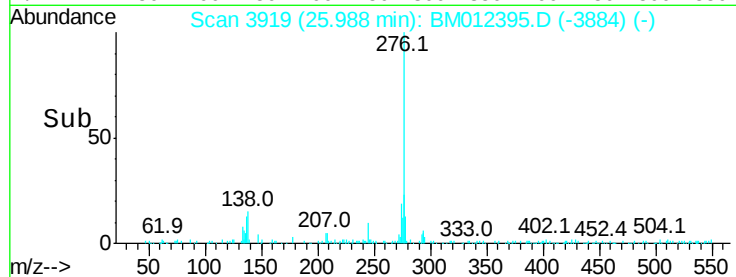
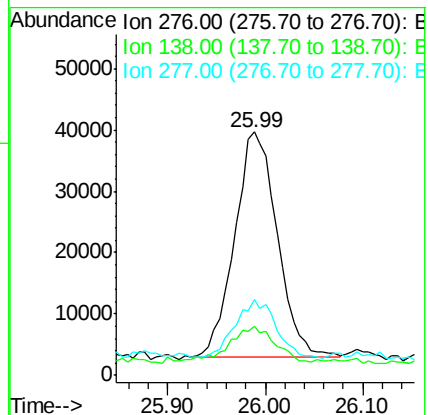
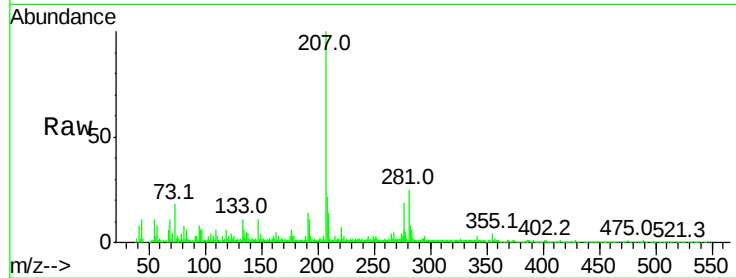
Tot Ion:276 Resp: 111505

Ion Ratio Lower Upper

276 100

138 20.0 13.2 19.8#

277 31.3 20.6 31.0#



#91

Benzo(g,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

Tgt Ion:276 Resp: 111417

Ion Ratio Lower Upper

276 100

138 22.8 10.7 16.1#

277 29.4 19.0 28.4#

