

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
 Data File : BM012539.D
 Acq On : 28 Oct 2017 23:57
 Operator : SJ/JU
 Sample : I5919-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 09:17:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 09:15:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	612777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2506027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1573070	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3745757	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	3811530	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	3232690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	27629	2.30	ng/uL	0.00
5) Phenol-d5	7.03	99	713303	13.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	355370	11.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	511418	13.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	456066	10.42	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	252460	16.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	344338	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	666721	15.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	859169	19.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2707187	19.70	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3070795	18.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	362647	17.75	ng/ul	0.00
57) Fluorene-d10	15.49	176	2371639	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	280302	15.46	ng/ul	0.00
70) Anthracene-d10	17.34	188	3836457	21.49	ng/ul	0.00
76) Pyrene-d10	19.63	212	4456253	25.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3352843	21.83	ng/ul	0.00

Target Compounds

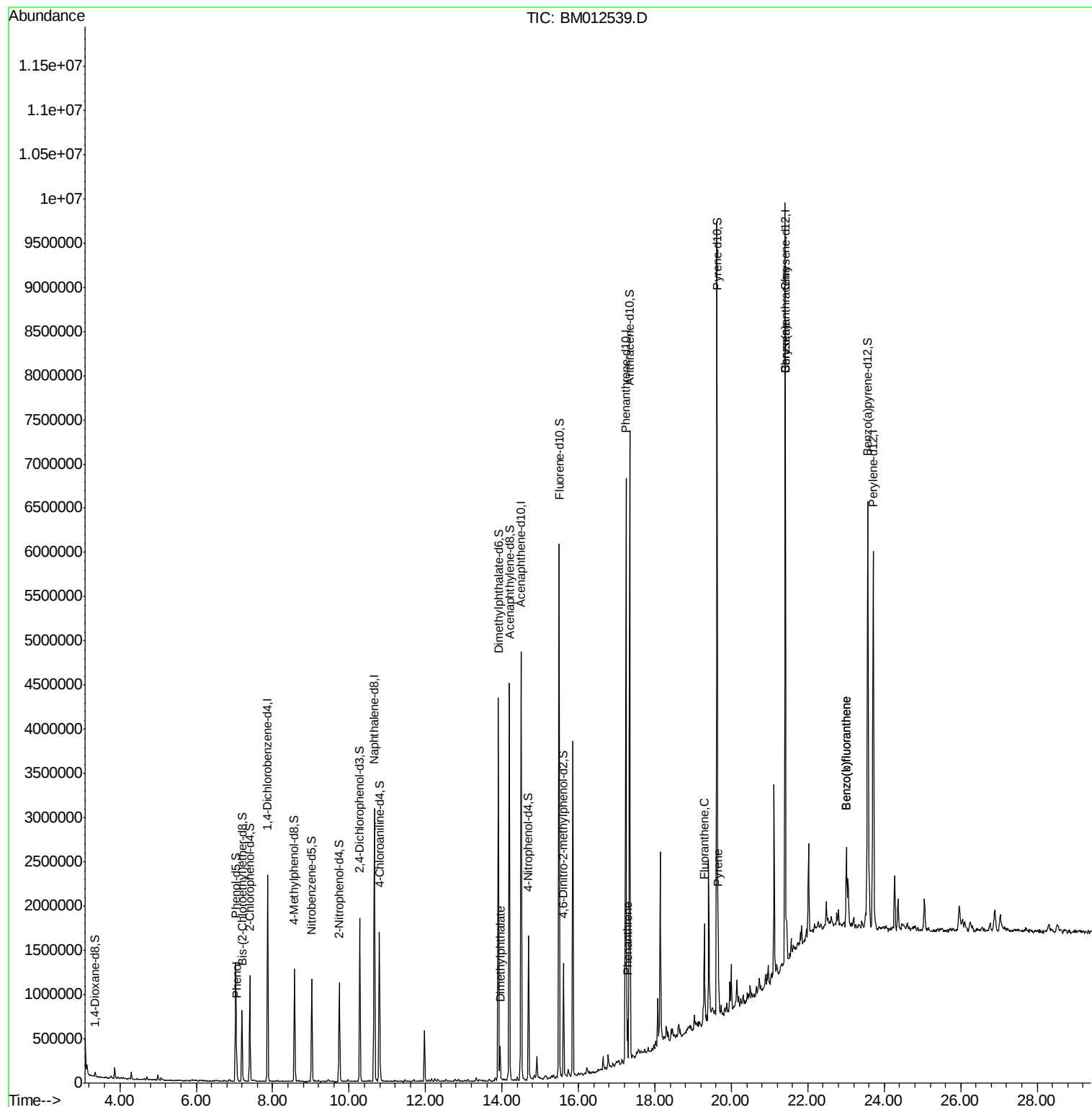
						Ovalue
6) Phenol	7.06	94	76841	1.44	ng/ul#	86
44) Dimethylphthalate	13.95	163	225039	1.66	ng/ul	98
69) Phenanthrene	17.28	178	264720	1.31	ng/ul	96
74) Fluoranthene	19.29	202	525060	2.29	ng/ul#	91
77) Pyrene	19.66	202	482513	2.23	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	263226	1.15	ng/ul#	93
82) Chrysene	21.40	228	263226	1.30	ng/ul	96
85) Benzo(b)fluoranthene	23.02	252	301956	1.51	ng/ul#	93
86) Benzo(k)fluoranthene	23.02	252	301956	1.61	ng/ul#	91

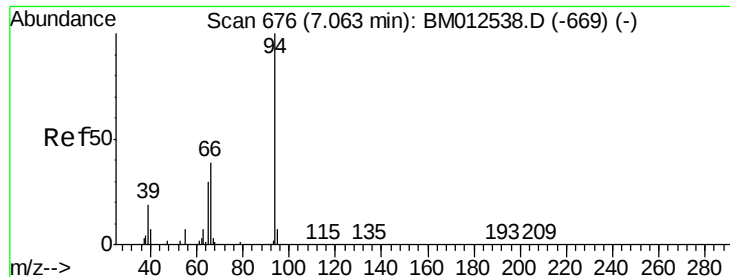
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.44 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM012539.D

Acq: 28 Oct 2017 23:57

Instrument :

BNA_M

ClientSampleId :

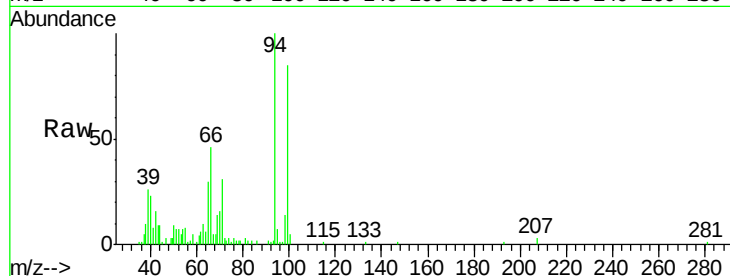
Tot Ion: 94 Resp: 76841

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

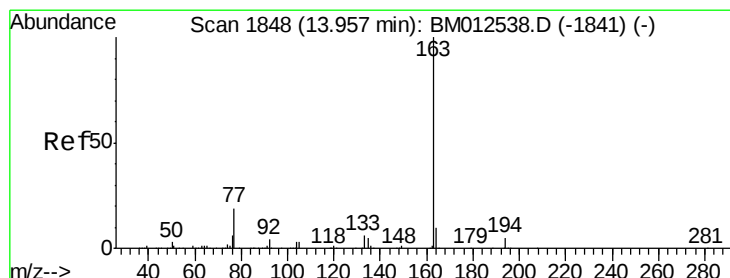
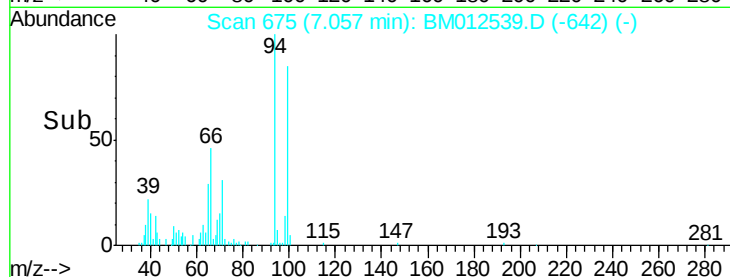
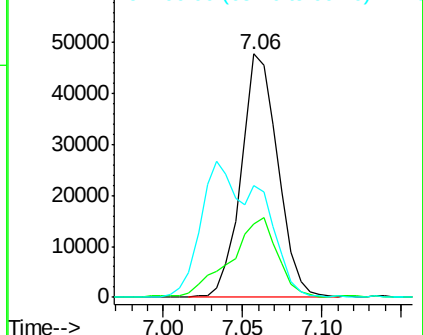
66 45.9 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012538.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012538.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012538.D (-669) (-)



#44

Dimethylphthalate

Concen: 1.66 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM012539.D

Acq: 28 Oct 2017 23:57

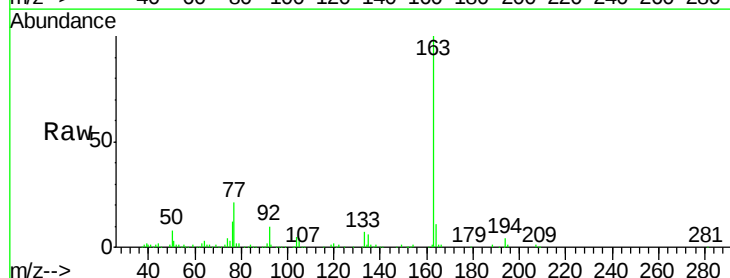
Tgt Ion: 163 Resp: 225039

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

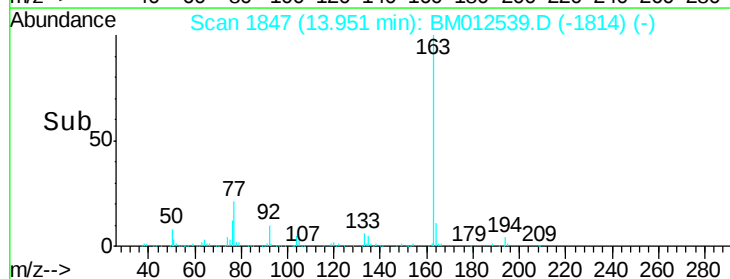
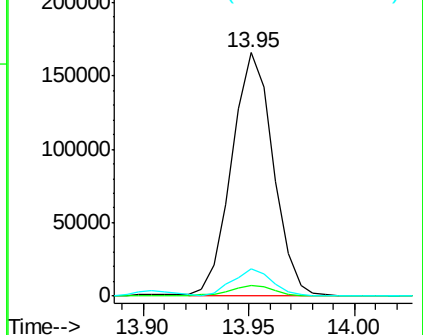
164 11.4 8.2 12.4

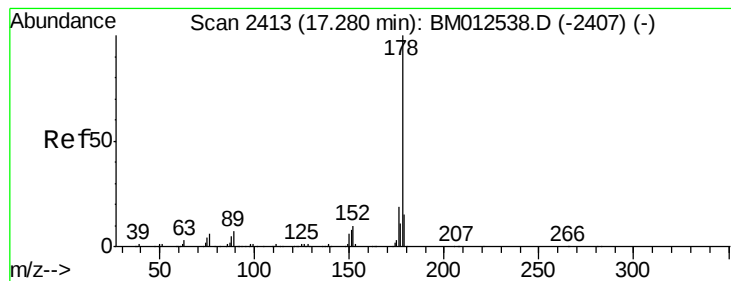


Abundance Ion 163.00 (162.70 to 163.70): BM012538.D (-1841) (-)

Ion 194.00 (193.70 to 194.70): BM012538.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BM012538.D (-1841) (-)





#69

Phenanthrene

Concen: 1.31 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM012539.D

Acq: 28 Oct 2017 23:57

Instrument :

BNA_M

ClientSampled :

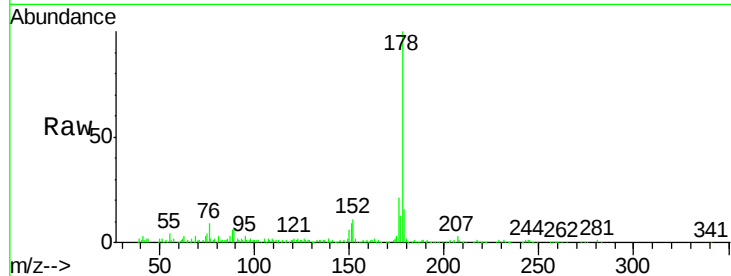
Tot Ion:178 Resp: 264720

Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

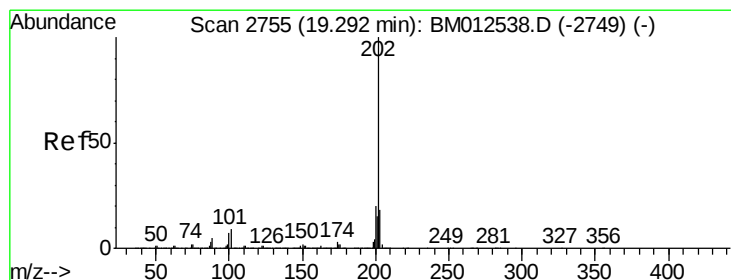
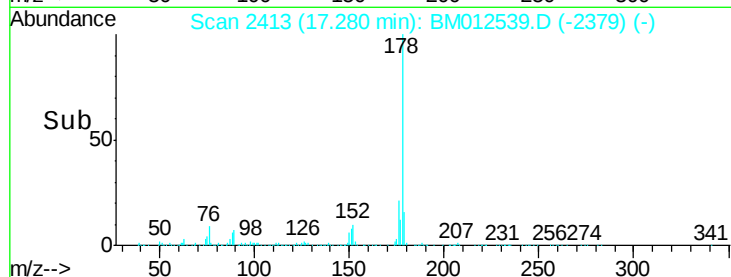
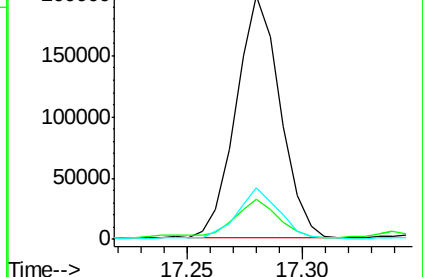
176 21.1 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 2.29 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM012539.D

Acq: 28 Oct 2017 23:57

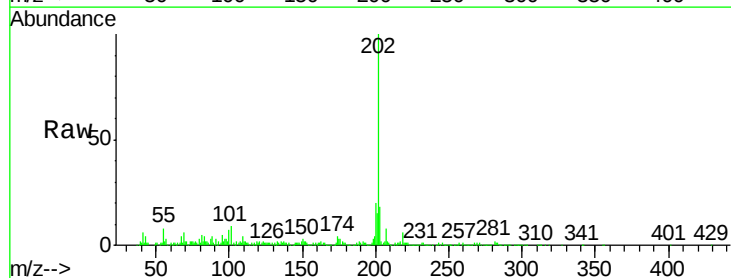
Tgt Ion:202 Resp: 525060

Ion Ratio Lower Upper

202 100

101 8.8 4.6 7.0#

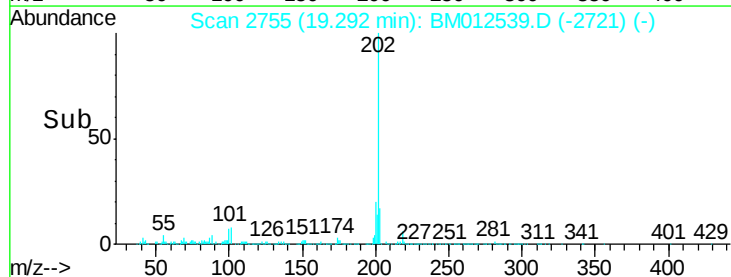
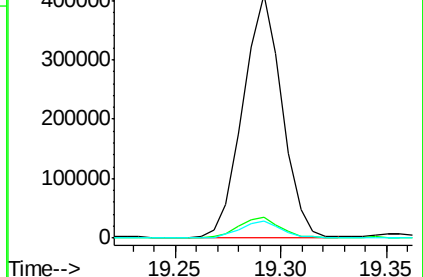
100 7.1 3.4 5.2#

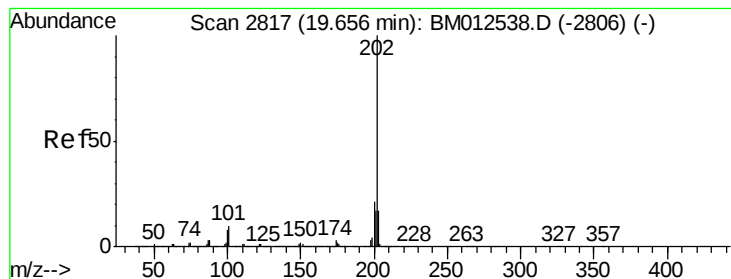


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.23 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM012539.D

Acq: 28 Oct 2017 23:57

Instrument :

BNA_M

ClientSampleId :

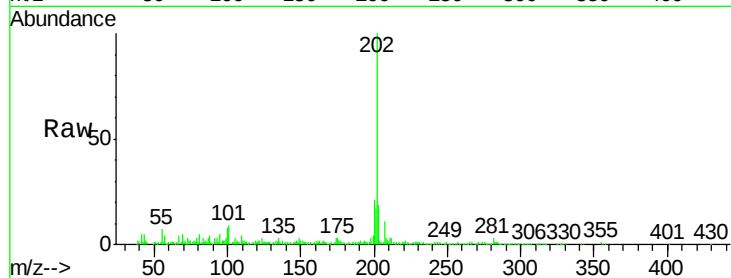
Tot Ion:202 Resp: 482513

Ion Ratio Lower Upper

202 100

101 9.3 5.1 7.7#

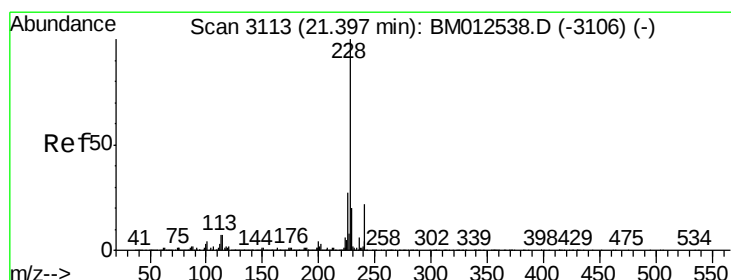
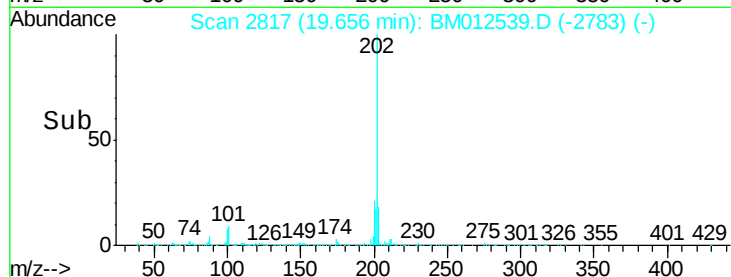
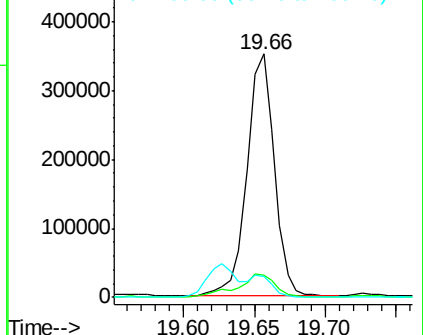
100 8.4 4.9 7.3#



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: 1.15 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM012539.D

Acq: 28 Oct 2017 23:57

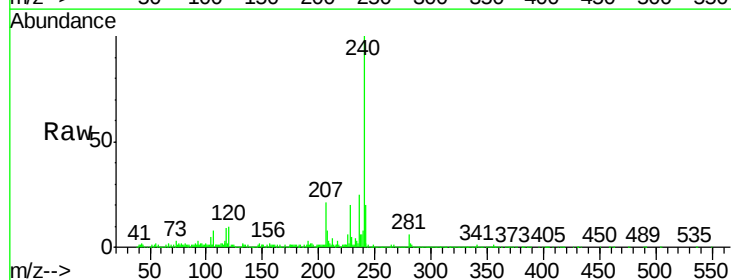
Tgt Ion:228 Resp: 263226

Ion Ratio Lower Upper

228 100

229 23.2 15.4 23.0#

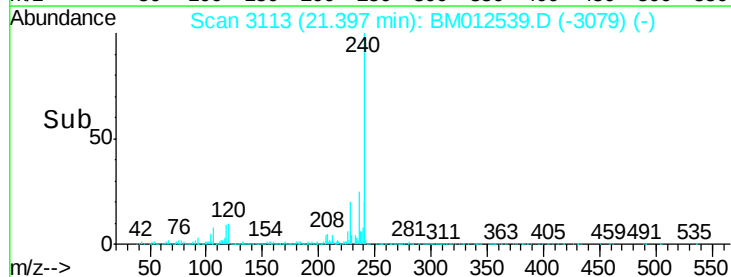
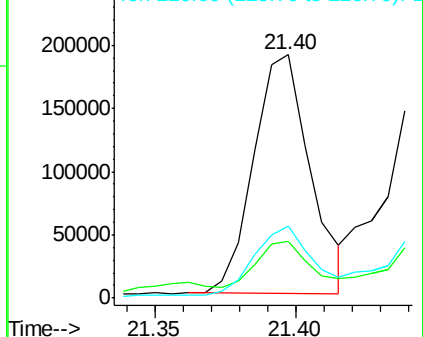
226 29.7 21.4 32.0

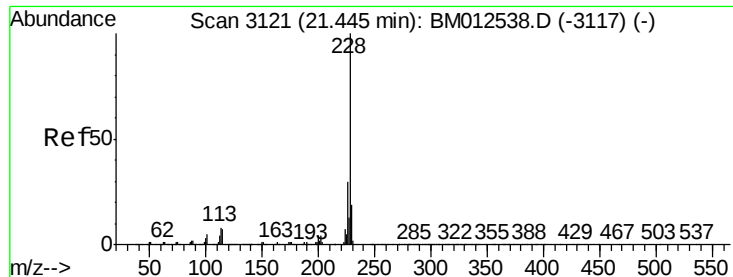


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

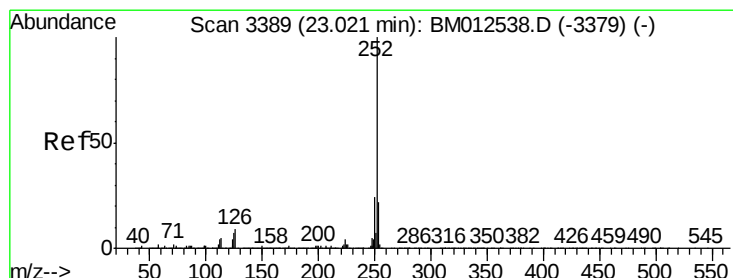
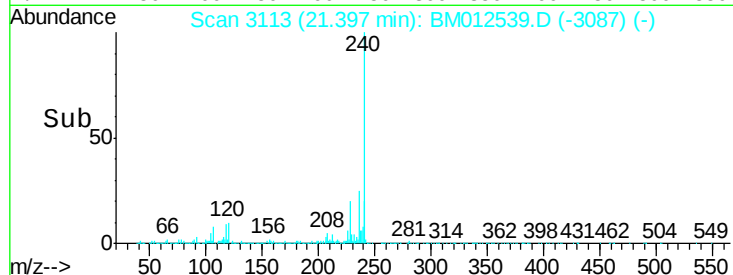
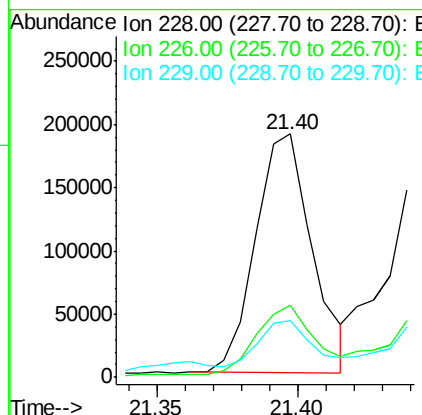
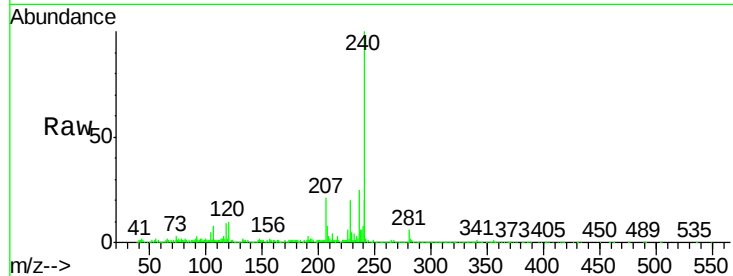




#82
Chrysene
Concen: 1.30 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.05 min
Lab File: BM012539.D
Acq: 28 Oct 2017 23:57

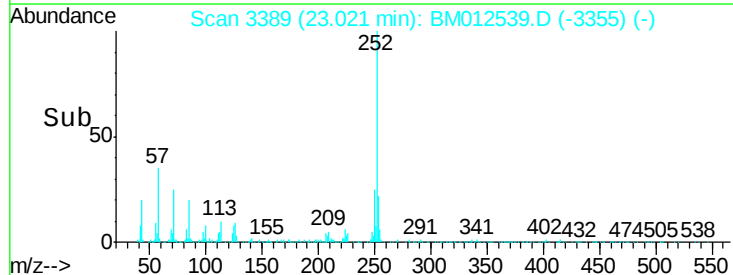
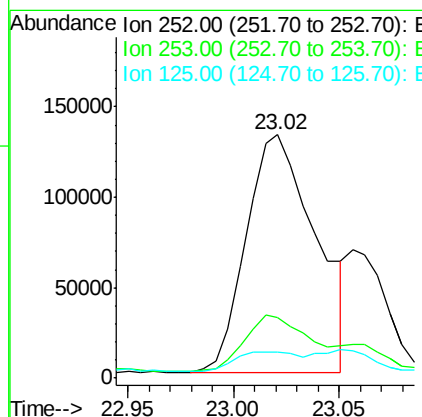
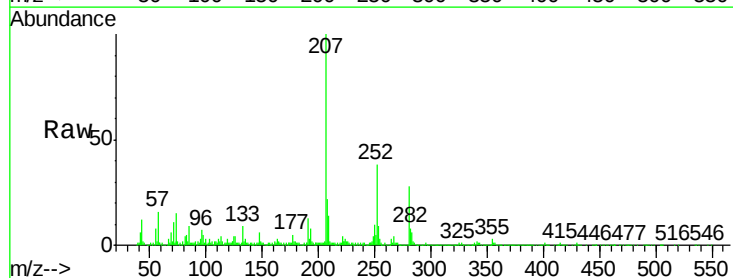
Instrument :
BNA_M
ClientSampled :

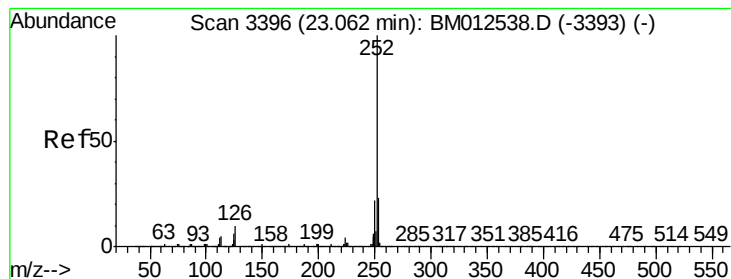
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	23.2	15.5	23.3



#85
Benzo(b)fluoranthene
Concen: 1.51 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.00 min
Lab File: BM012539.D
Acq: 28 Oct 2017 23:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	10.7	3.6	5.4





#86
 Benzo(k)fluoranthene
 Concen: 1.61 ng/ul
 RT: 23.02 min Scan# 3389
 Delta R.T. -0.04 min
 Lab File: BM012539.D
 Acq: 28 Oct 2017 23:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	10.7	3.4	5.2

