

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012641.D
 Acq On : 01 Nov 2017 17:51
 Operator : SJ/JU
 Sample : I5937-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DP4

Quant Time: Nov 02 02:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 01:34:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	236341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1100783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	782307	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1980584	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2776793	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	3417524	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	13445	2.91	ng/uL	0.00
5) Phenol-d5	7.01	99	259325	13.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	168805	14.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	209239	14.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	207108	12.27	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	113649	16.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	138475	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	250380	13.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	295273	14.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	966907	14.15	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1115645	13.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	131858	12.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	828017	14.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	144801	15.11	ng/ul	0.00
70) Anthracene-d10	17.32	188	1347347	14.27	ng/ul	0.00
76) Pyrene-d10	19.61	212	1677170	13.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	2338274	14.40	ng/ul	0.00

Target Compounds

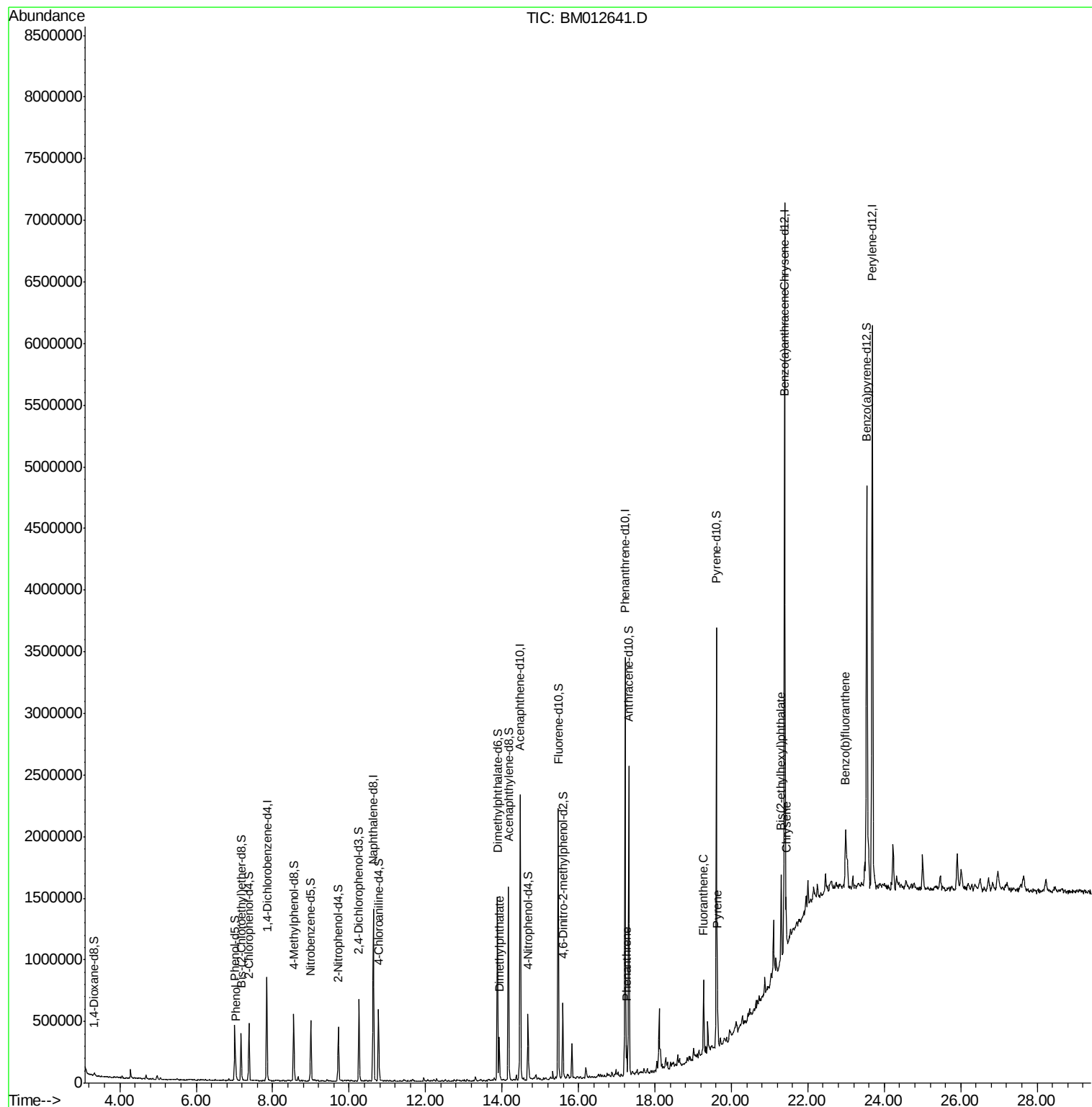
				Ovalue	
6) Phenol	7.04	94	25888	1.259	ng/ul# 86
44) Dimethylphthalate	13.93	163	224516	3.321	ng/ul 100
69) Phenanthrene	17.26	178	150100	1.401	ng/ul 99
74) Fluoranthene	19.27	202	307283	2.532	ng/ul# 92
77) Pyrene	19.63	202	296373	1.877	ng/ul# 87
80) Benzo(a)anthracene	21.38	228	208265	1.252	ng/ul 96
81) Bis(2-ethylhexyl)phthalate	21.31	149	227840	2.407	ng/ul 99
82) Chrysene	21.43	228	248751	1.683	ng/ul 97
85) Benzo(b)fluoranthene	23.00	252	331941	1.571	ng/ul# 96

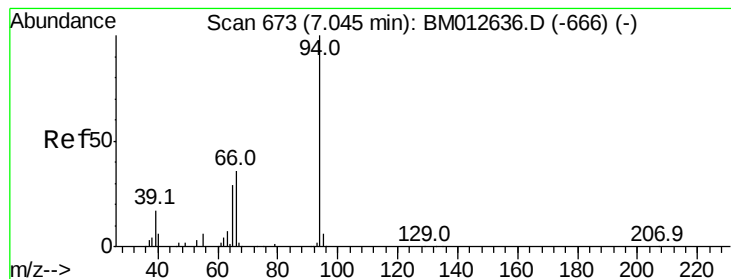
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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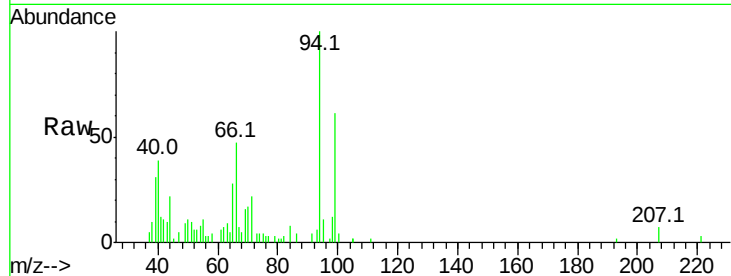
#6

Phenol

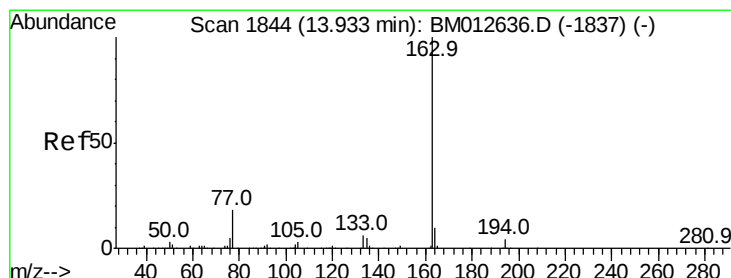
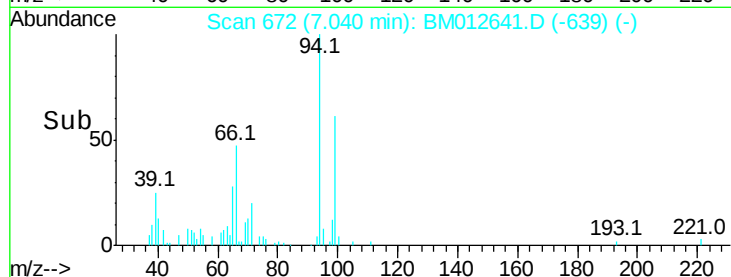
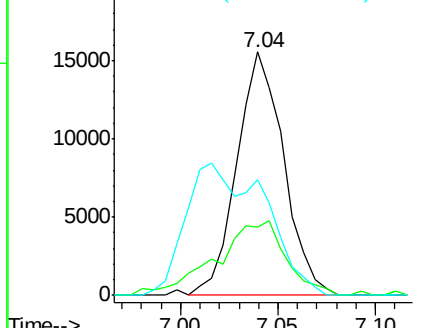
Concen: 1.259 ng/ul
 RT: 7.04 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BM012641.D
 Acq: 01 Nov 2017 17:51

Instrument :
 BNA_M
 ClientSampleId :
 B0DP4

Tot Ion: 94 Resp: 25888
 Ion Ratio Lower Upper
 94 100
 65 28.2 28.2 42.4#
 66 47.4 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012641.D (-639) (-)
 Ion 65.00 (64.70 to 65.70): BM012641.D (-639) (-)
 Ion 66.00 (65.70 to 66.70): BM012641.D (-639) (-)

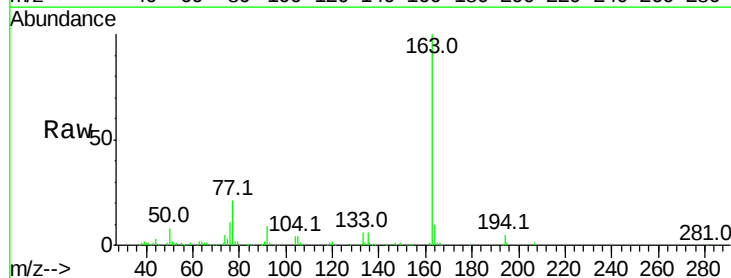


#44

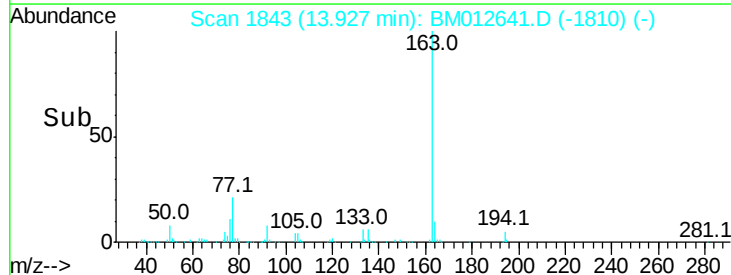
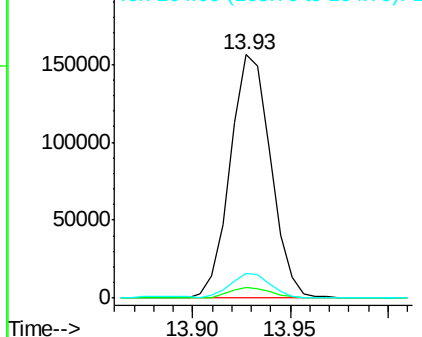
Dimethylphthalate

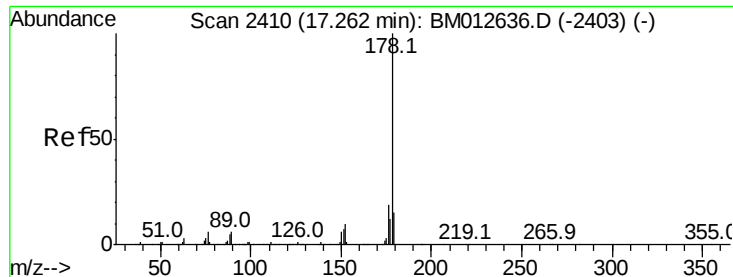
Concen: 3.321 ng/ul
 RT: 13.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BM012641.D
 Acq: 01 Nov 2017 17:51

Tgt Ion: 163 Resp: 224516
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.5 5.3
 164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM012641.D (-1810) (-)
 Ion 194.00 (193.70 to 194.70): BM012641.D (-1810) (-)
 Ion 164.00 (163.70 to 164.70): BM012641.D (-1810) (-)





#69

Phenanthrene

Concen: 1.401 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM012641.D

Acq: 01 Nov 2017 17:51

Instrument :

BNA_M

ClientSampleId :

B0DP4

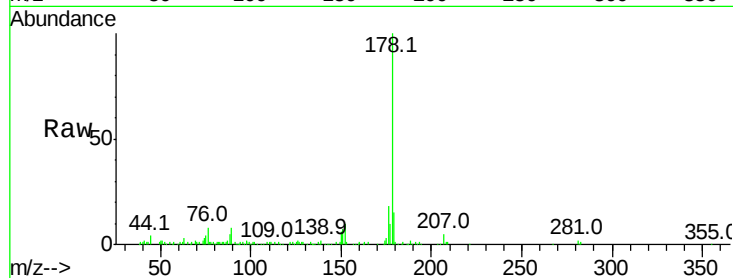
Tot Ion:178 Resp: 150100

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

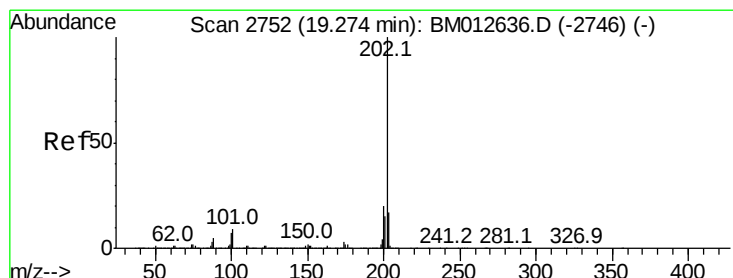
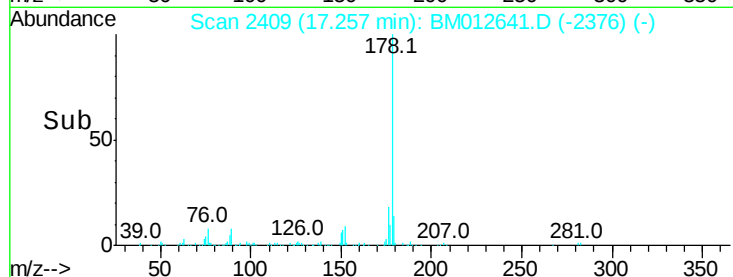
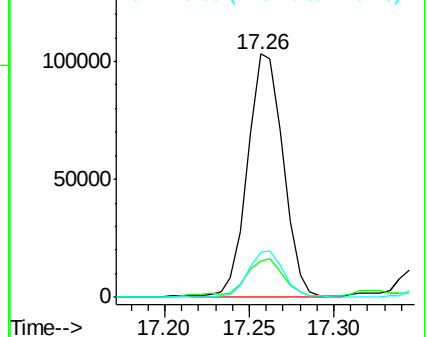
176 18.5 14.9 22.3



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: 2.532 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM012641.D

Acq: 01 Nov 2017 17:51

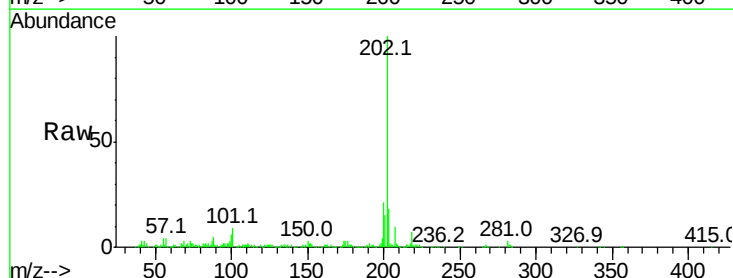
Tgt Ion:202 Resp: 307283

Ion Ratio Lower Upper

202 100

101 9.0 4.6 7.0#

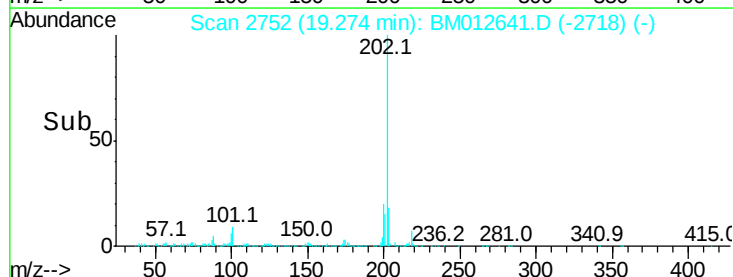
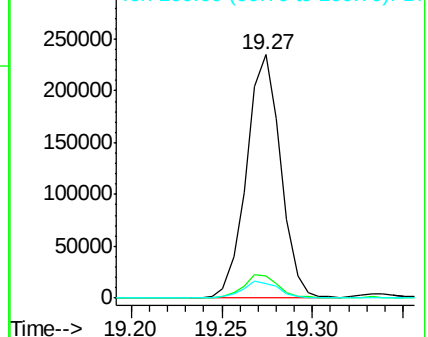
100 6.2 3.4 5.2#

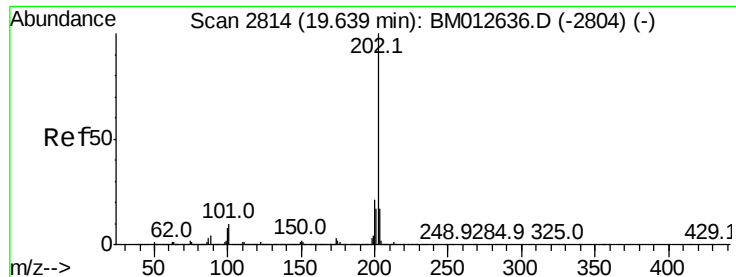


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.877 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BM012641.D

Acq: 01 Nov 2017 17:51

Instrument :

BNA_M

ClientSampleId :

B0DP4

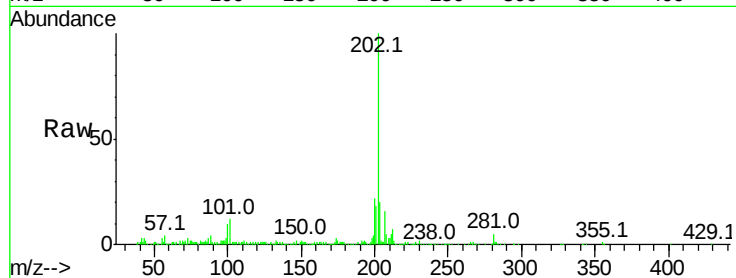
Tot Ion:202 Resp: 296373

Ion Ratio Lower Upper

202 100

101 11.7 5.1 7.7#

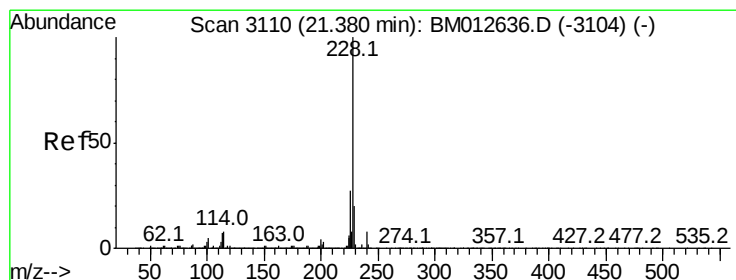
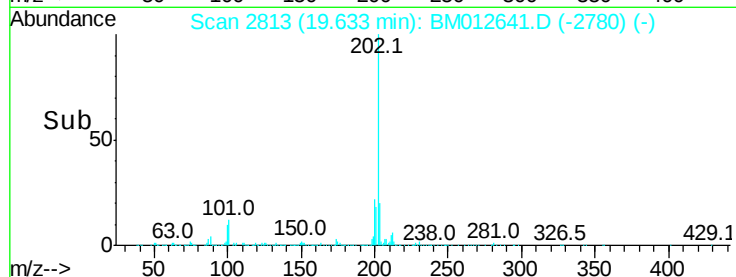
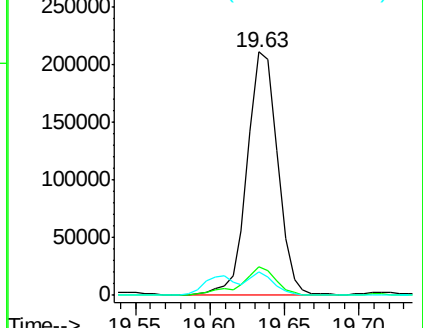
100 9.9 4.9 7.3#



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: 1.252 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM012641.D

Acq: 01 Nov 2017 17:51

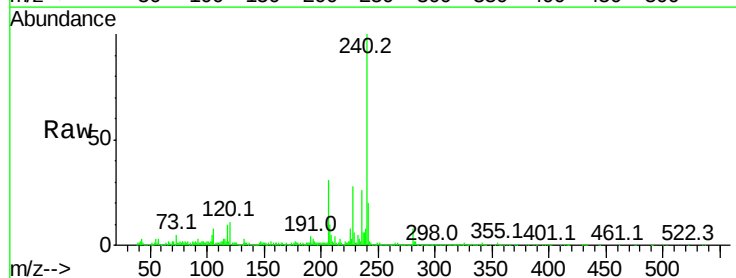
Tgt Ion:228 Resp: 208265

Ion Ratio Lower Upper

228 100

229 22.7 15.4 23.0

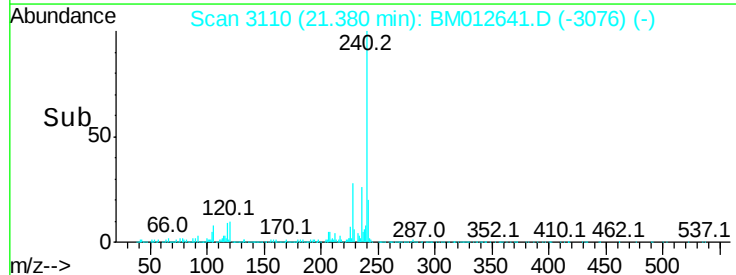
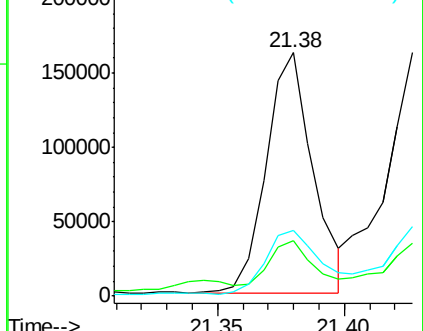
226 26.9 21.4 32.0

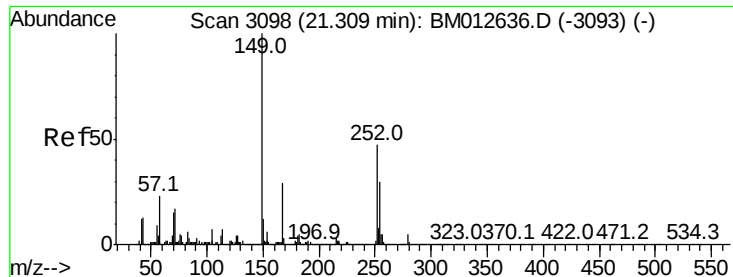


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

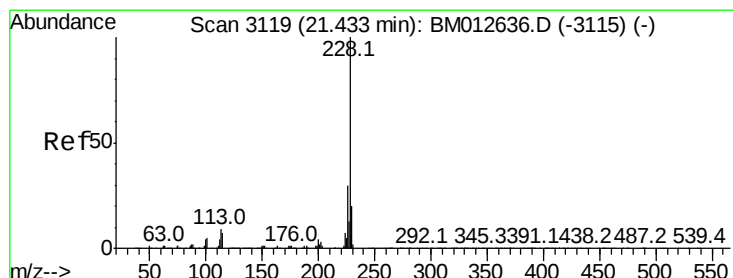
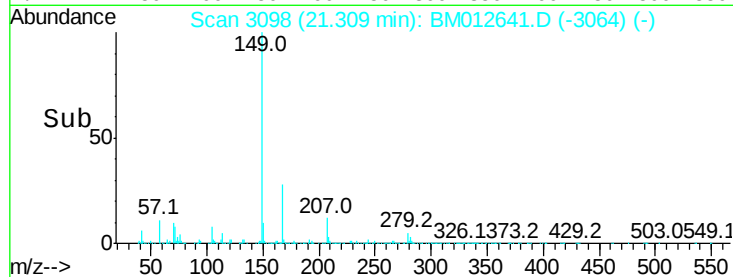
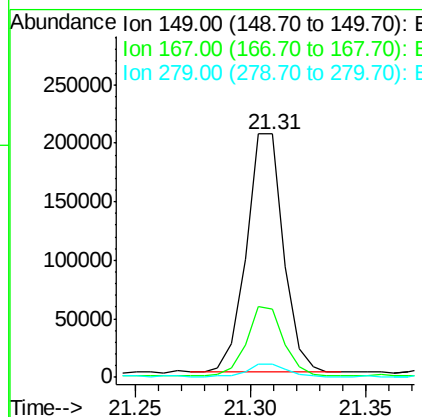
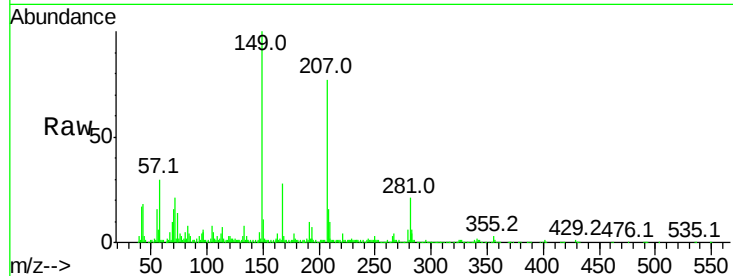




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.407 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM012641.D
 Acq: 01 Nov 2017 17:51

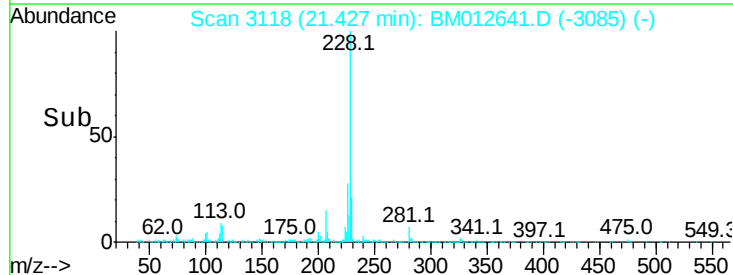
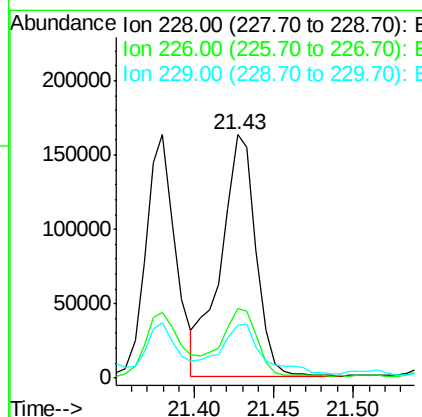
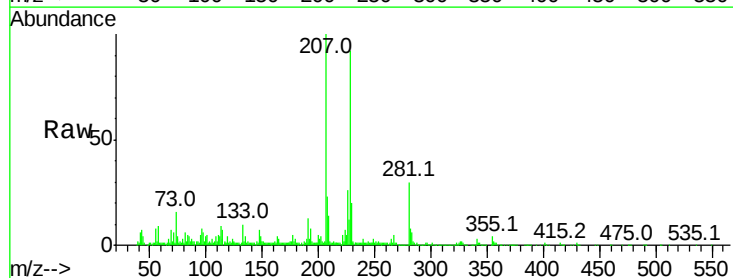
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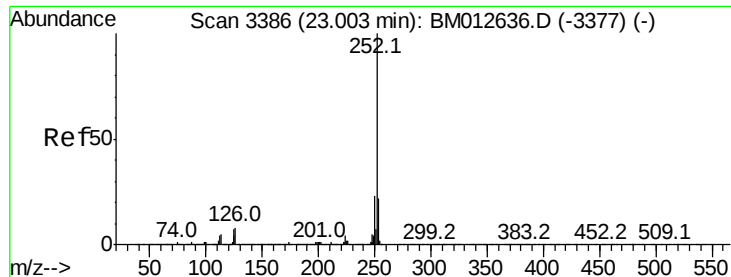
Tot Ion:149 Resp: 227840
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.8 34.2
 279 5.7 4.9 7.3



#82
 Chrysene
 Concen: 1.683 ng/ul
 RT: 21.43 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM012641.D
 Acq: 01 Nov 2017 17:51

Tgt Ion:228 Resp: 248751
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.4 35.2
 229 21.8 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 1.571 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM012641.D

Acq: 01 Nov 2017 17:51

Instrument :

BNA_M

ClientSampleId :

B0DP4

Tot Ion:252 Resp: 331941

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 10.1 3.6 5.4#

