

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012053.D
 Acq On : 10 Oct 2017 21:47
 Operator : SJ/JU
 Sample : I5669-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 11 01:16:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 01:12:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	221451	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	966523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	590719	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1426193	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1858667	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1831507	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	1486	0.32	ng/uL	0.00
5) Phenol-d5	7.02	99	28499	1.50	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	63814	5.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	33412	2.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	30659	1.86	ng/ul	0.01
19) Nitrobenzene-d5	9.01	128	36767	5.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	2462	0.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.29	165	12105	0.77	ng/ul	0.02
29) 4-Chloroaniline-d4	10.83	131	149	0.01	ng/ul	0.04
43) Dimethylphthalate-d6	13.90	166	52394	1.02	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	361369	6.01	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.48	176	294720	6.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.33	188	442455	6.30	ng/ul	0.00
76) Pyrene-d10	19.62	212	584535	6.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	505848	5.74	ng/ul	0.00

Target Compounds

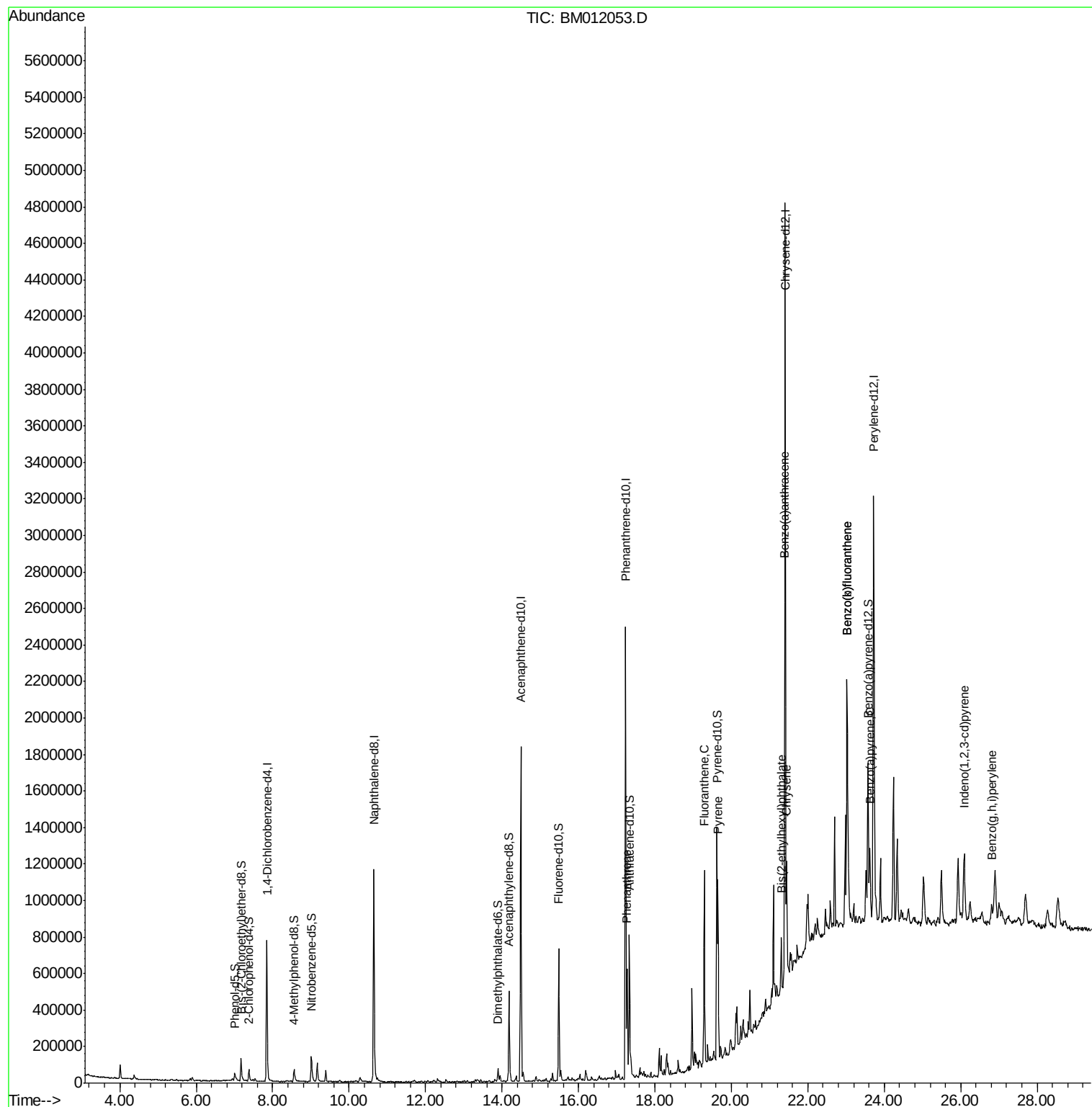
					Ovalue	
69) Phenanthrene	17.27	178	356075	4.539	ng/ul	97
74) Fluoranthene	19.29	202	654942	6.842	ng/ul#	91
77) Pyrene	19.65	202	586348	5.689	ng/ul#	87
80) Benzo(a)anthracene	21.39	228	360260	3.383	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.31	149	86443	1.439	ng/ul#	98
82) Chrysene	21.44	228	339961	3.360	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	483806	4.346	ng/ul#	94
86) Benzo(k)fluoranthene	23.03	252	483806	4.353	ng/ul#	92
88) Benzo(a)pyrene	23.62	252	274527	2.566	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	167852	1.466	ng/ul#	94
91) Benzo(g,h,i)perylene	26.81	276	137420	1.451	ng/ul#	93

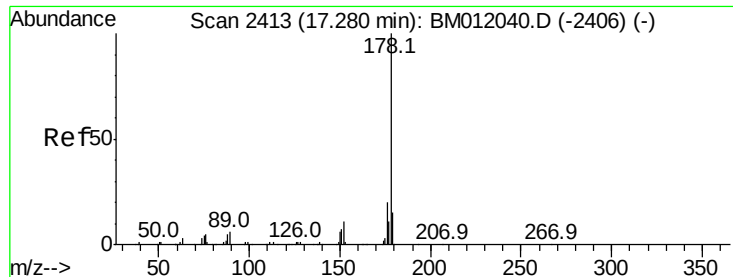
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 4.539 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

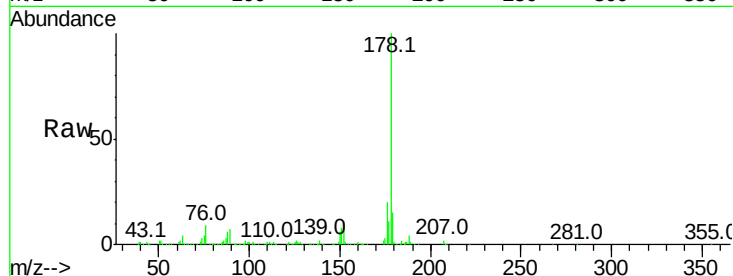
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 356075

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	20.4	14.9	22.3

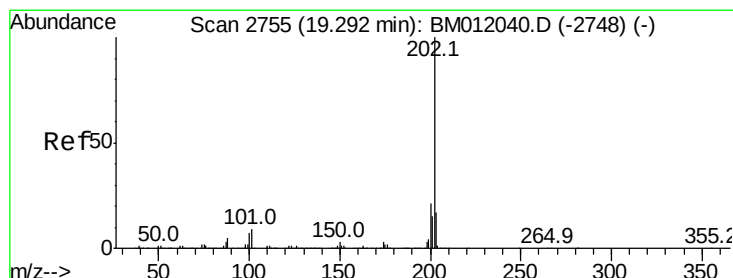
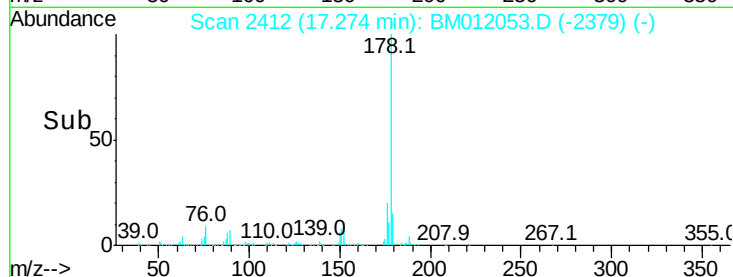
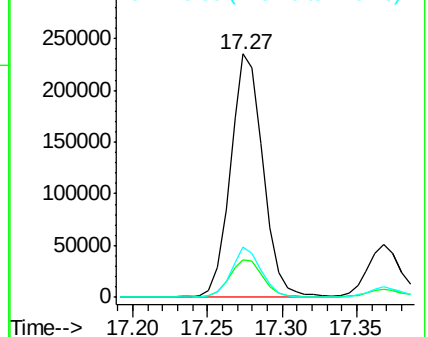


Abundance

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: 6.842 ng/ul

RT: 19.29 min Scan# 2755

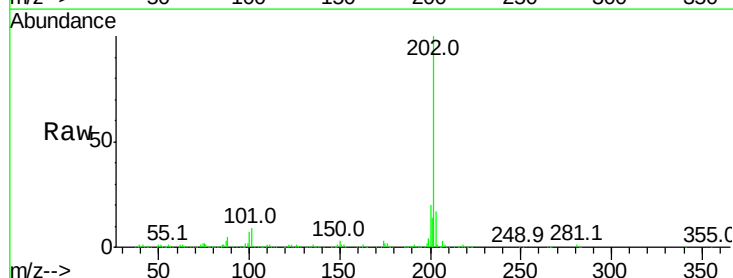
Delta R.T. -0.00 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

Tgt Ion:202 Resp: 654942

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	7.1	3.4	5.2#

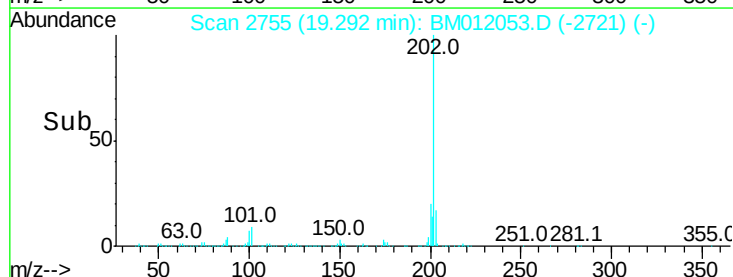
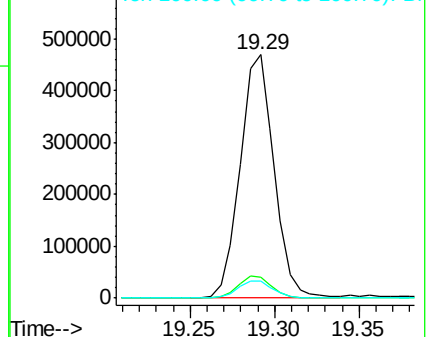


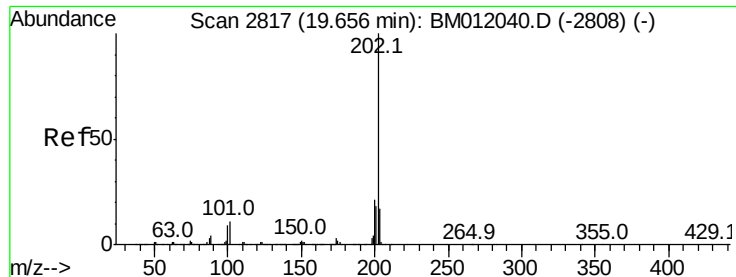
Abundance

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: 5.689 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

Instrument :

BNA_M

ClientSampleId :

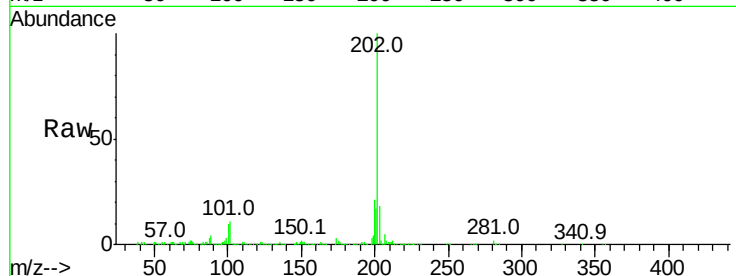
Tot Ion:202 Resp: 586348

Ion Ratio Lower Upper

202 100

101 11.3 5.1 7.7#

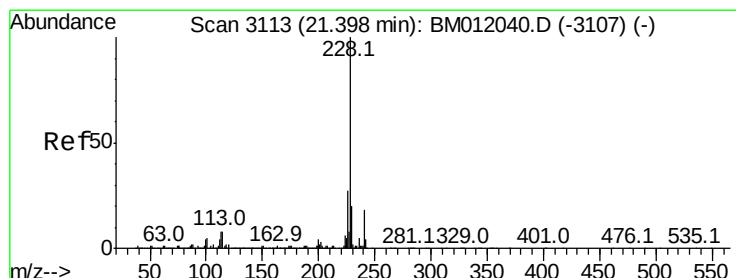
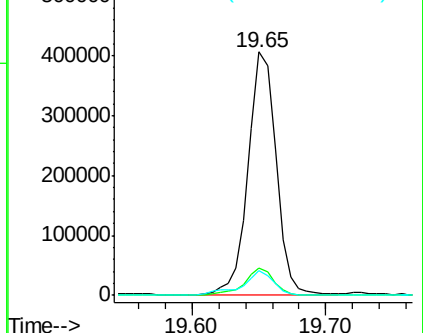
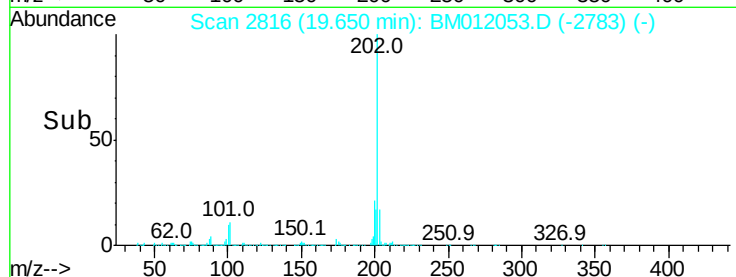
100 10.1 4.9 7.3#



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: 3.383 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

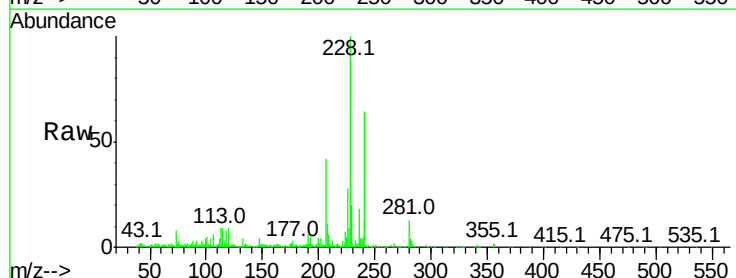
Tgt Ion:228 Resp: 360260

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

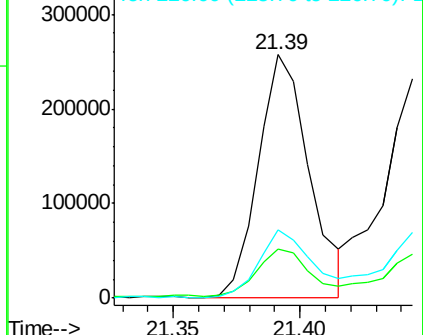
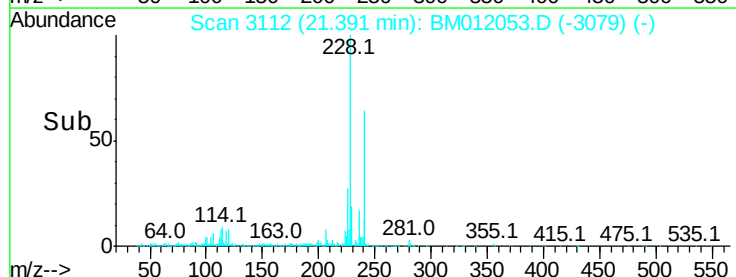
226 28.0 21.4 32.0

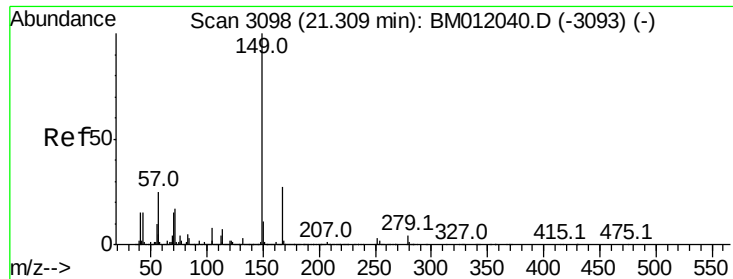


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.439 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

Instrument :

BNA_M

ClientSampleId :

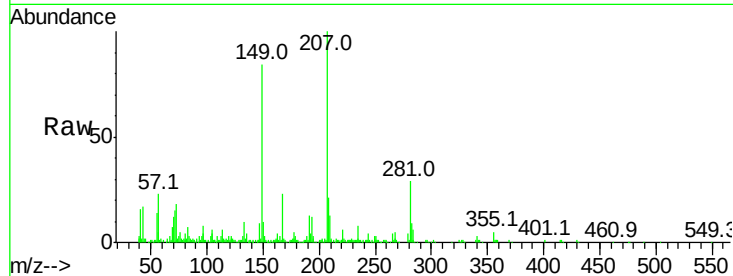
Tot Ion:149 Resp: 86443

Ion Ratio Lower Upper

149 100

167 27.7 22.8 34.2

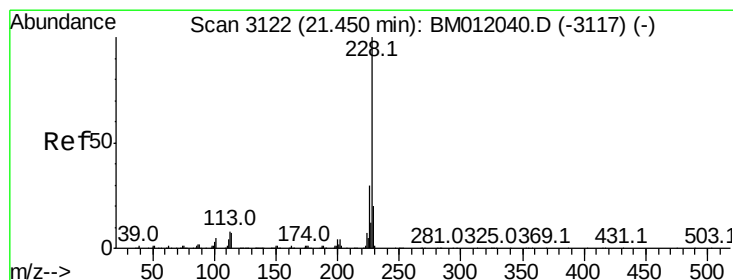
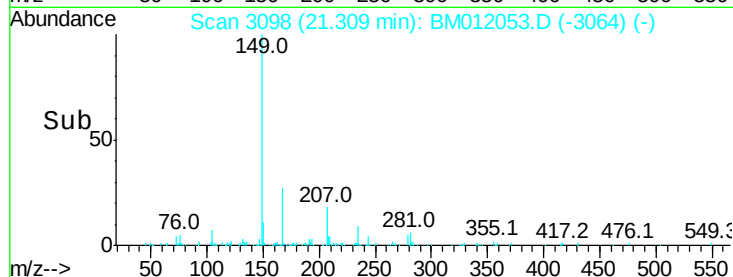
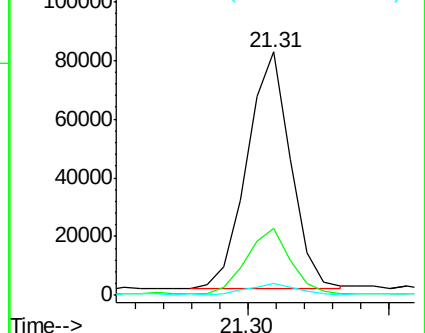
279 4.7 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 3.360 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

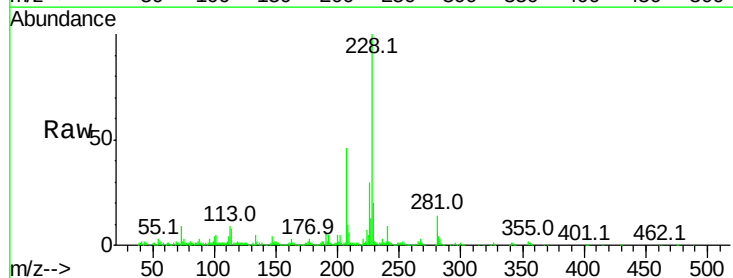
Tgt Ion:228 Resp: 339961

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

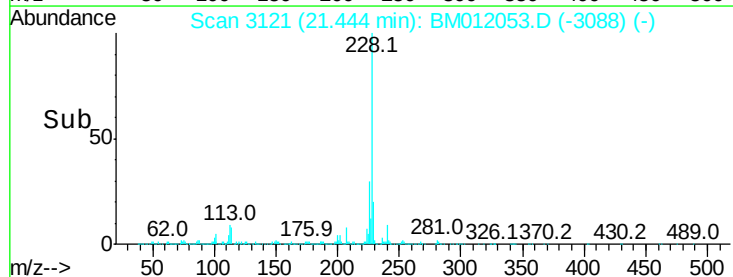
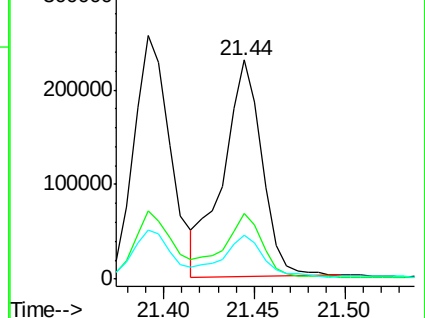
229 20.0 15.5 23.3

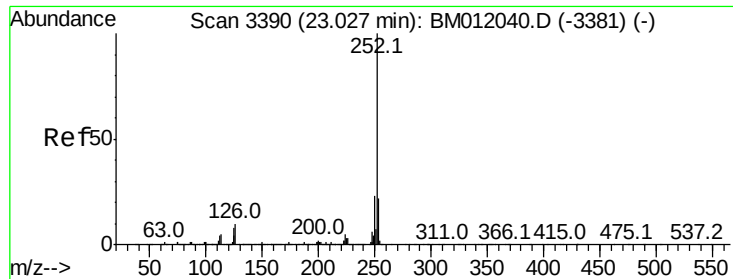


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 4.346 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM012053.D

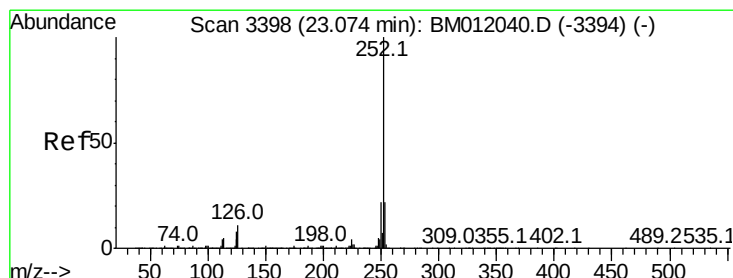
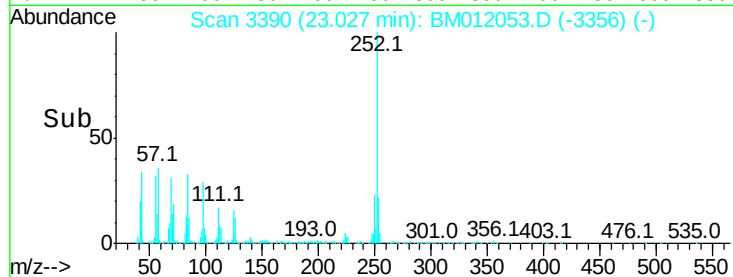
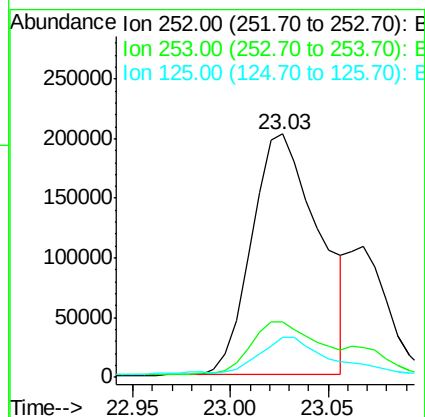
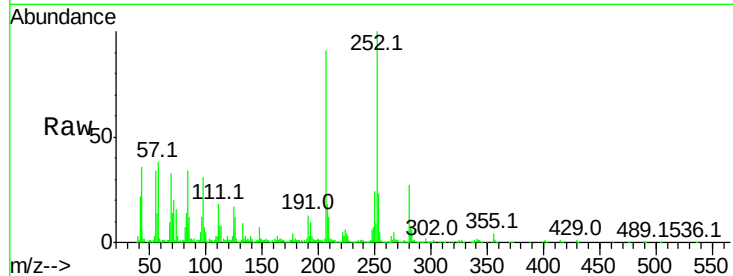
Acq: 10 Oct 2017 21:47

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	483806
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.9 26.9
125	16.5	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 4.353 ng/ul

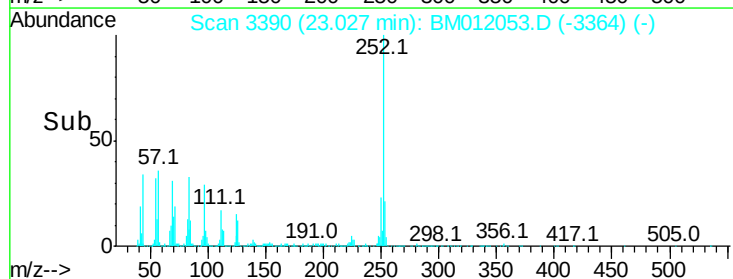
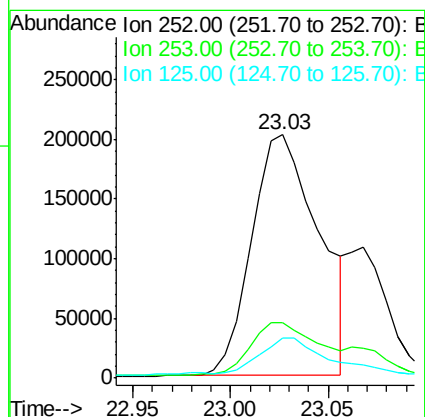
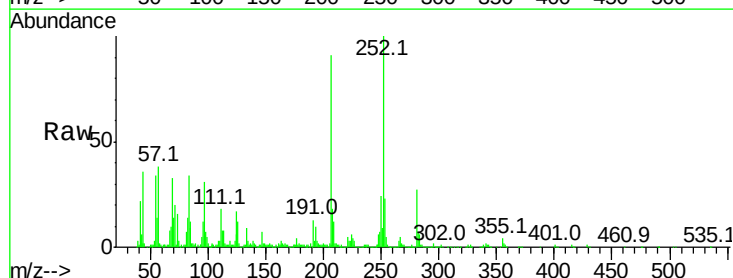
RT: 23.03 min Scan# 3390

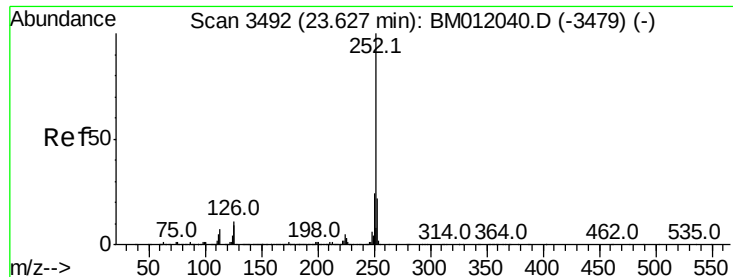
Delta R.T. -0.05 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

Tgt Ion:252	Resp:	483806
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.1 25.7
125	16.5	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 2.566 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM012053.D

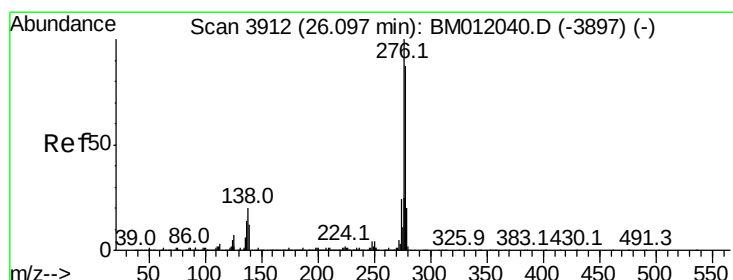
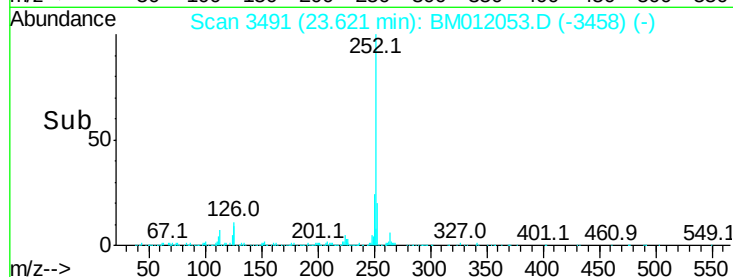
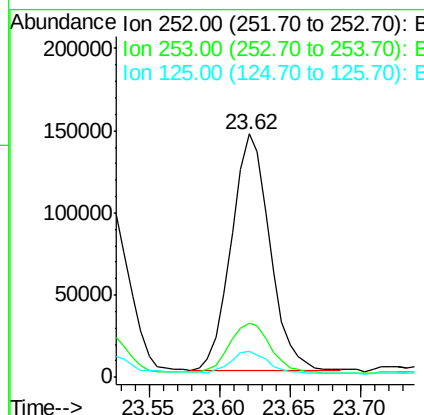
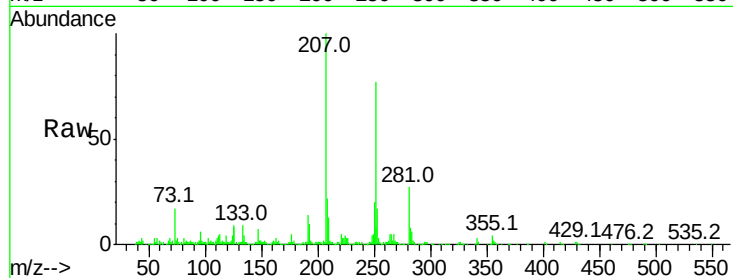
Acq: 10 Oct 2017 21:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	274527
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	10.5	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.466 ng/ul

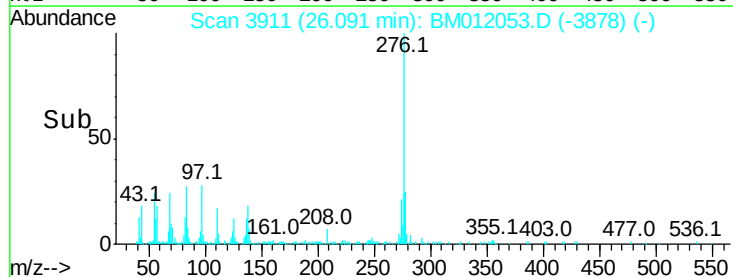
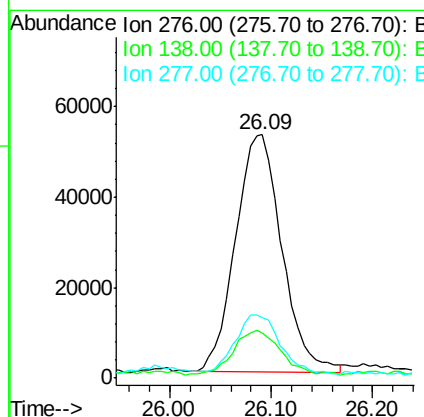
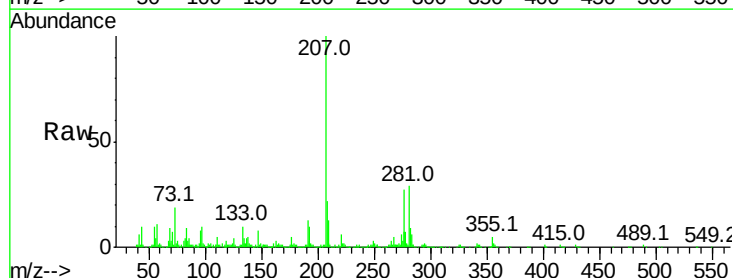
RT: 26.09 min Scan# 3911

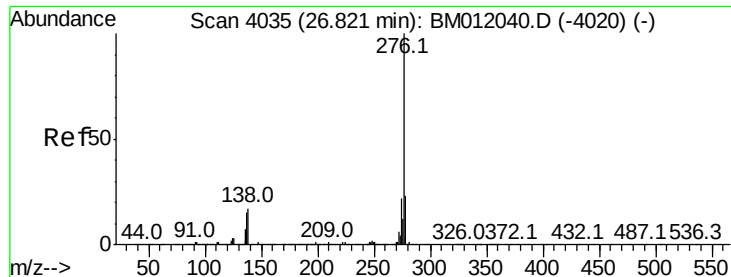
Delta R.T. -0.01 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

Tgt Ion:	276	Resp:	167852
Ion Ratio	Lower	Upper	
276	100		
138	18.6	9.3	13.9#
277	25.1	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 1.451 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. -0.01 min

Lab File: BM012053.D

Acq: 10 Oct 2017 21:47

Instrument :

BNA_M

ClientSampleId :

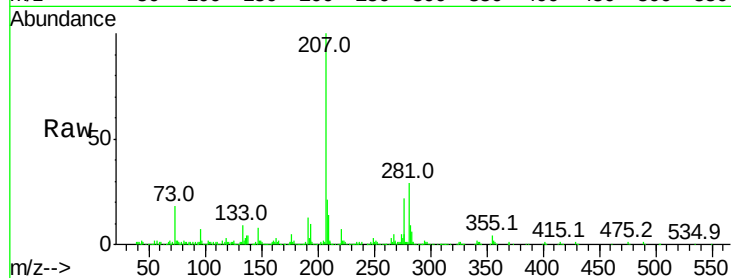
Tot Ion: 276 Resp: 137420

Ion Ratio Lower Upper

276 100

138 18.1 8.5 12.7#

277 23.5 18.6 28.0



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

