

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101317\
 Data File : BM012166.D
 Acq On : 14 Oct 2017 10:28
 Operator : SJ/JU
 Sample : I5548-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 15 05:23:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 00:15:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	203593	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.62	136	839184	20.00	ng/ul	-0.04
35) Acenaphthene-d10	14.47	164	437537	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.22	188	810864	20.00	ng/ul	-0.03
75) Chrysene-d12	21.40	240	801464	20.00	ng/ul	-0.03
83) Perylene-d12	23.71	264	887866	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	12267	2.86	ng/uL	-0.01
5) Phenol-d5	6.99	99	262001	15.86	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	164250	16.58	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.35	132	236416	16.87	ng/ul	-0.03
13) 4-Methylphenol-d8	8.53	113	199197	14.01	ng/ul	-0.04
19) Nitrobenzene-d5	8.99	128	112660	17.59	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.71	143	131569	17.58	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.25	165	231606	16.21	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.77	131	206051	15.41	ng/ul	-0.03
43) Dimethylphthalate-d6	13.88	166	726779	18.79	ng/ul	-0.02
46) Acenaphthylene-d8	14.17	160	863705	18.45	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.70	143	63053	10.85	ng/ul	-0.03
57) Fluorene-d10	15.47	176	558065	17.58	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.61	200	40113	7.21	ng/ul	-0.04
70) Anthracene-d10	17.32	188	721736	18.00	ng/ul	-0.03
76) Pyrene-d10	19.62	212	735665	18.08	ng/ul	-0.03
87) Benzo(a)pyrene-d12	23.57	264	760978	17.78	ng/ul	-0.05

Target Compounds

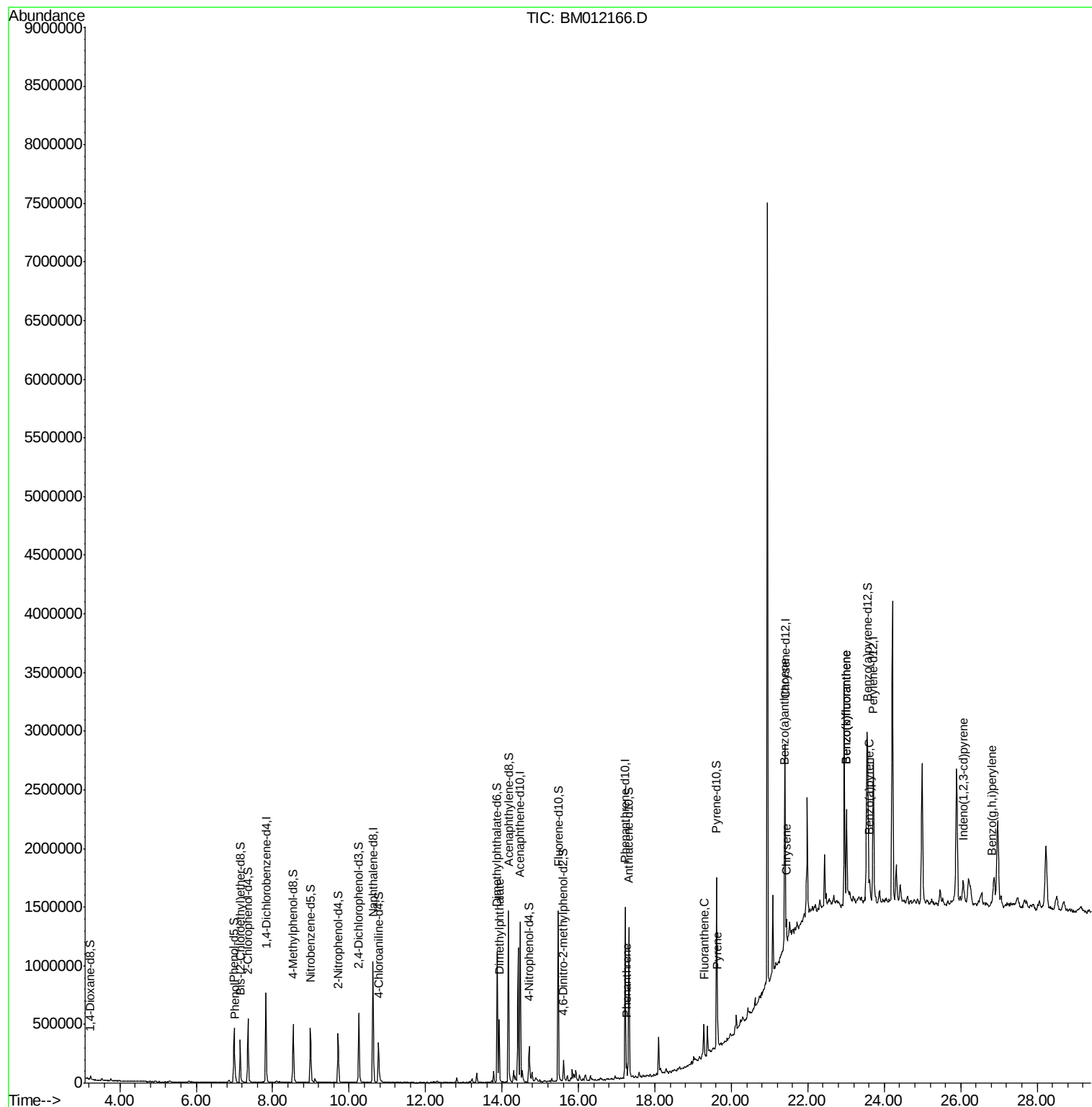
					Ovalue
6) Phenol	7.02	94	28087	1.645 ng/ul	94
44) Dimethylphthalate	13.93	163	344310	8.887 ng/ul	99
69) Phenanthrene	17.26	178	68543	1.486 ng/ul	99
74) Fluoranthene	19.28	202	152931	2.747 ng/ul#	94
77) Pyrene	19.64	202	145538	2.750 ng/ul#	94
80) Benzo(a)anthracene	21.39	228	86679	1.662 ng/ul#	93
82) Chrysene	21.44	228	81980	1.674 ng/ul#	89
85) Benzo(b)fluoranthene	23.02	252	128662	2.221 ng/ul#	76
86) Benzo(k)fluoranthene	23.02	252	128662	2.304 ng/ul#	74
88) Benzo(a)pyrene	23.61	252	85907	1.573 ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.09	276	63720	1.099 ng/ul#	83
91) Benzo(g,h,i)perylene	26.81	276	53933	1.135 ng/ul#	76

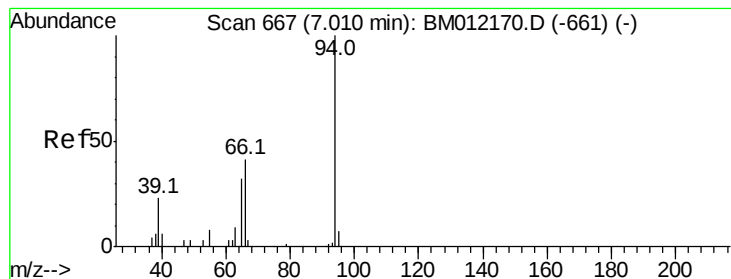
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.645 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. -0.04 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

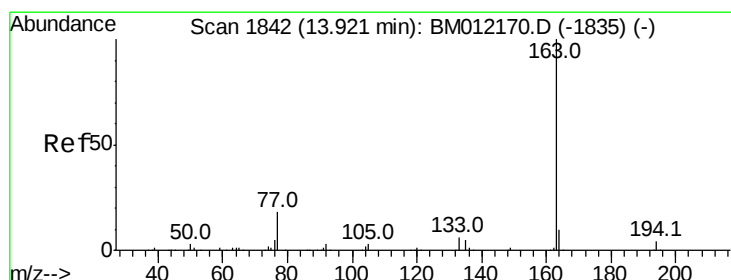
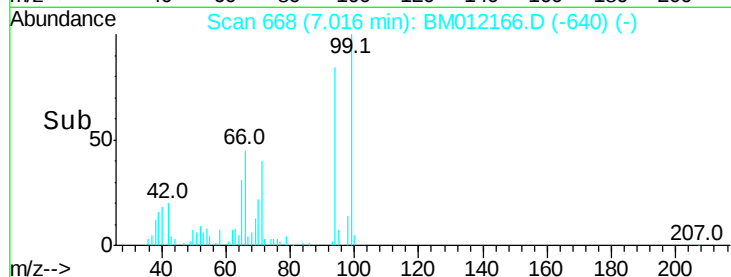
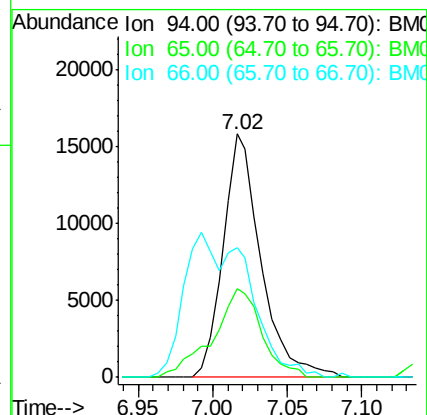
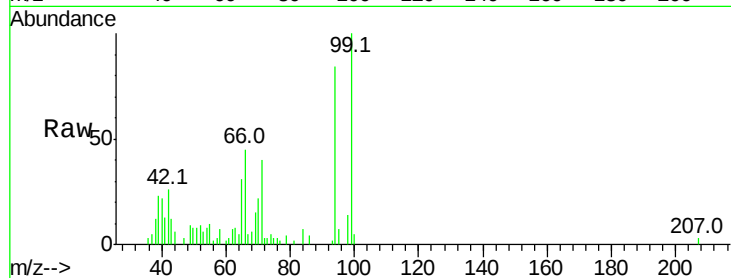
Tot Ion: 94 Resp: 28087

Ion Ratio Lower Upper

94 100

65 36.5 28.2 42.4

66 53.1 47.2 70.8



#44

Dimethylphthalate

Concen: 8.887 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

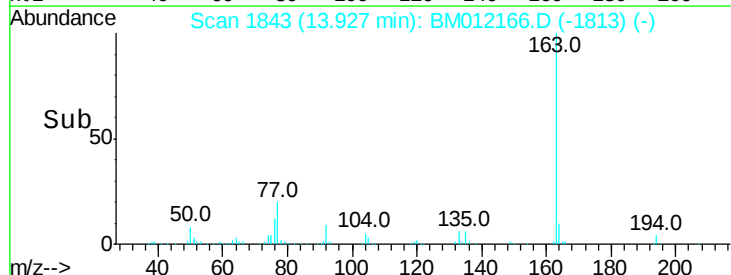
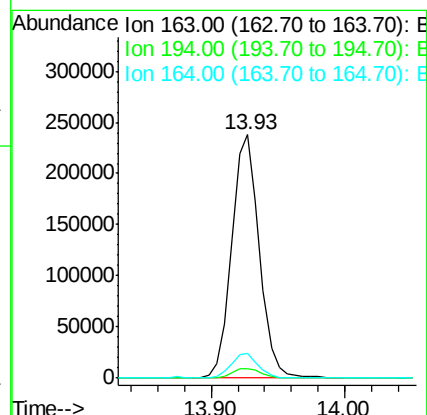
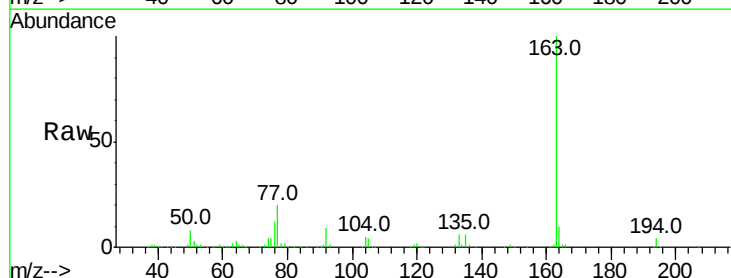
Tgt Ion: 163 Resp: 344310

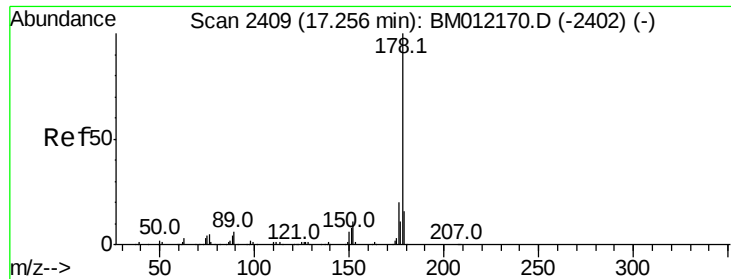
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.1 8.2 12.4





#69

Phenanthrene

Concen: 1.486 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. -0.04 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

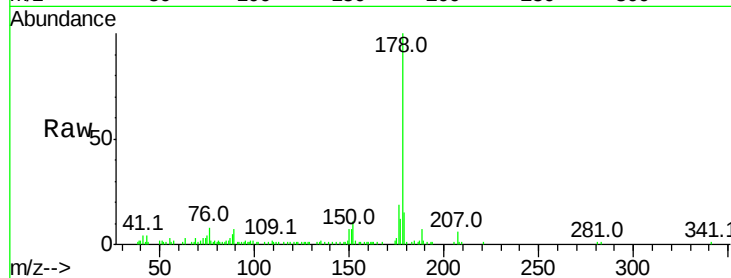
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 68543

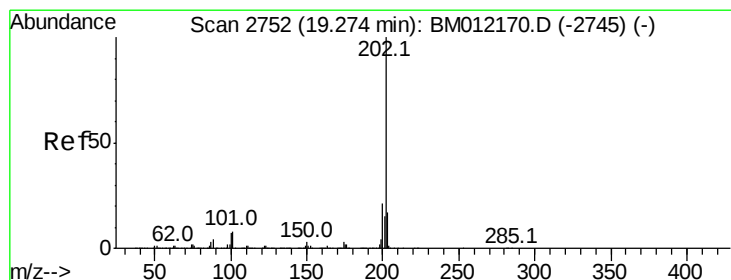
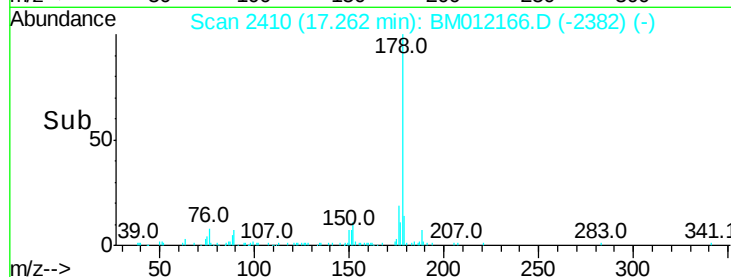
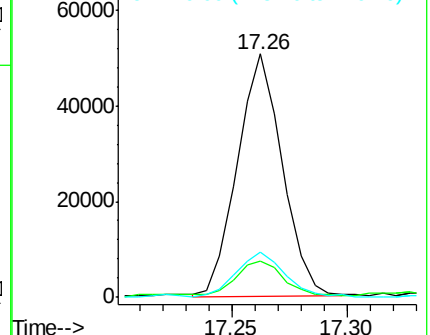
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.7	14.9	22.3



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: 2.747 ng/ul

RT: 19.28 min Scan# 2753

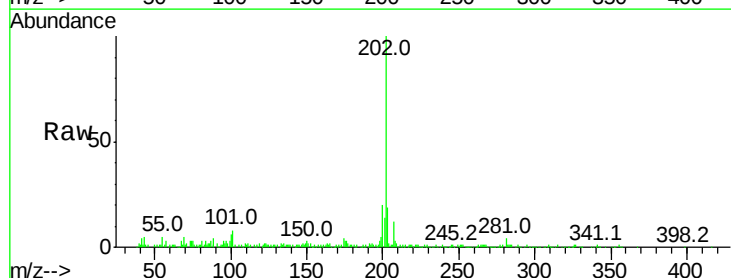
Delta R.T. -0.03 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Tgt Ion:202 Resp: 152931

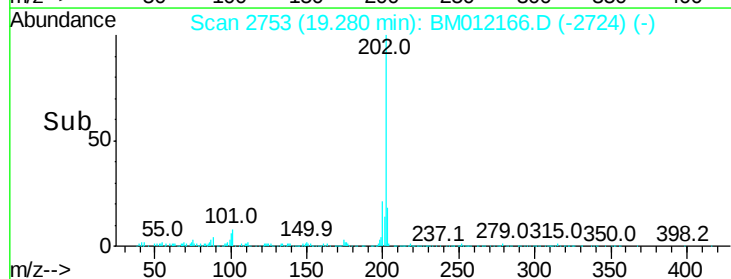
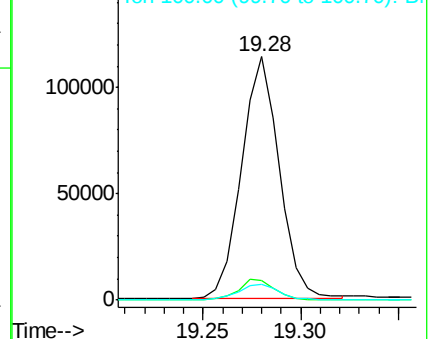
Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.2	3.4	5.2#

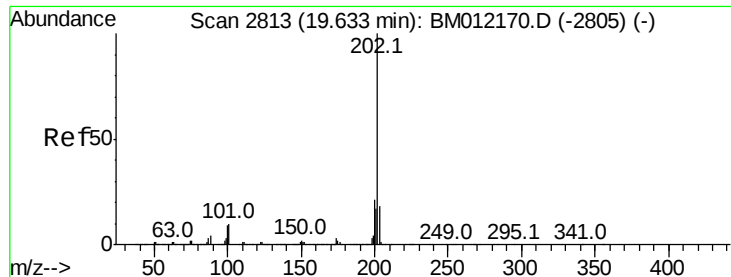


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.750 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.03 min

Lab File: BM012166.D

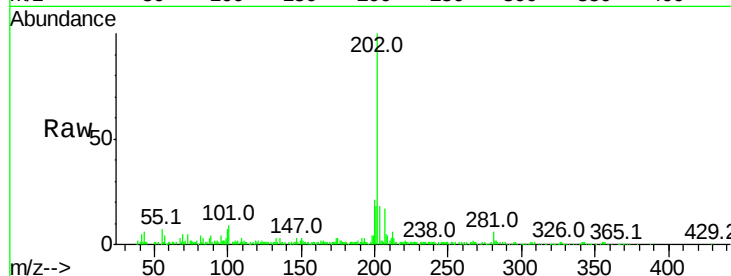
Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

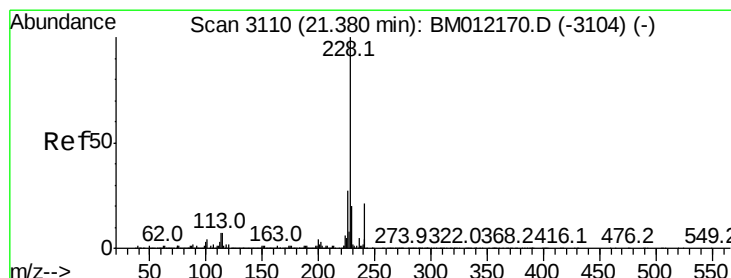
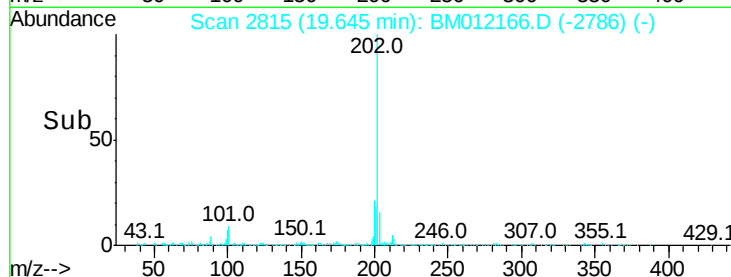
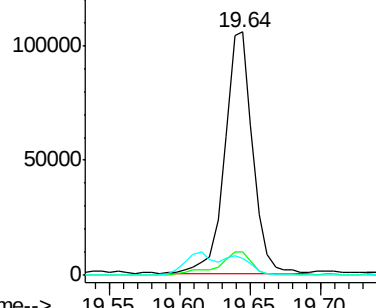
Tot Ion:	202	Resp:	145538
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	7.1	4.9	7.3



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): E



#80

Benzo(a)anthracene

Concen: 1.662 ng/ul

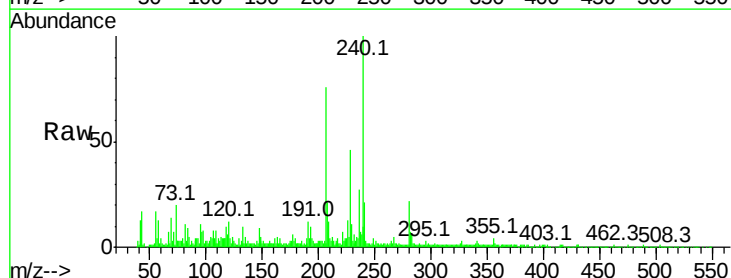
RT: 21.39 min Scan# 3111

Delta R.T. -0.03 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

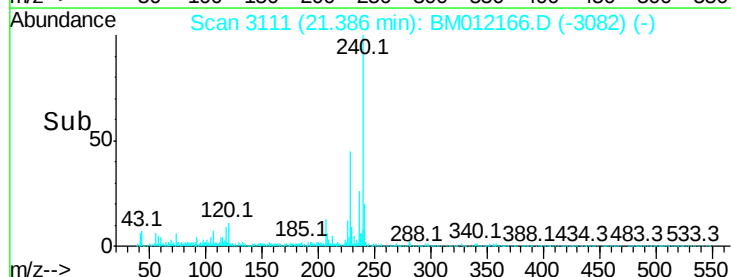
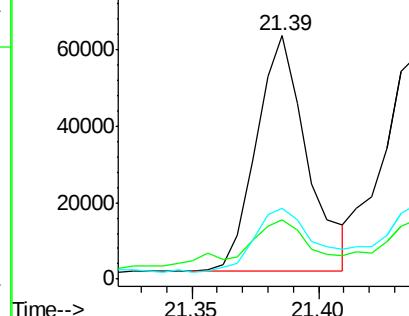
Tgt Ion:	228	Resp:	86679
Ion Ratio	Lower	Upper	
228	100		
229	24.1	15.4	23.0#
226	29.1	21.4	32.0

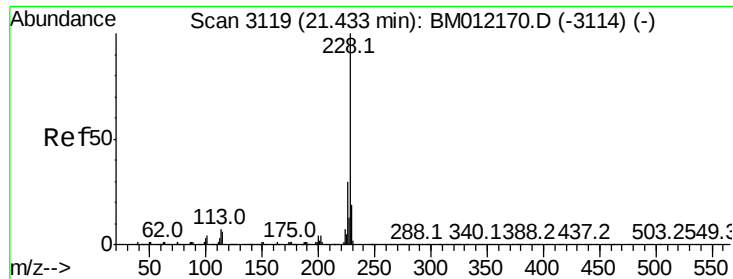


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.674 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.03 min

Lab File: BM012166.D

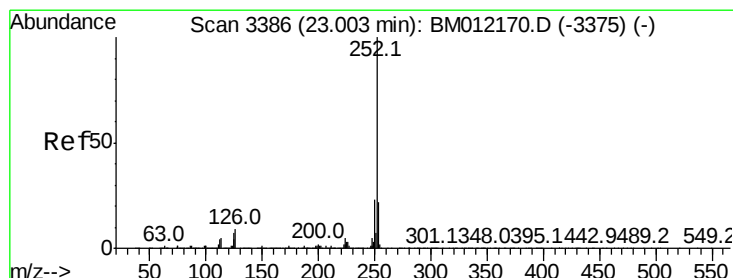
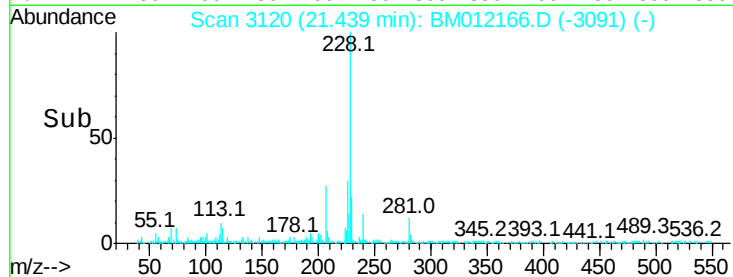
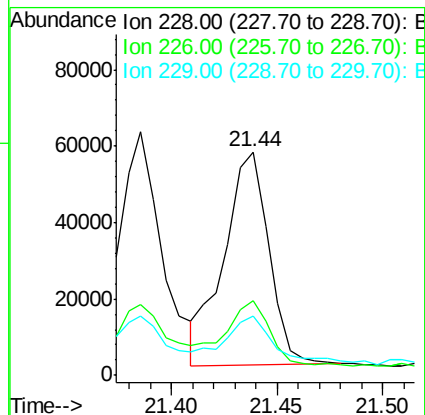
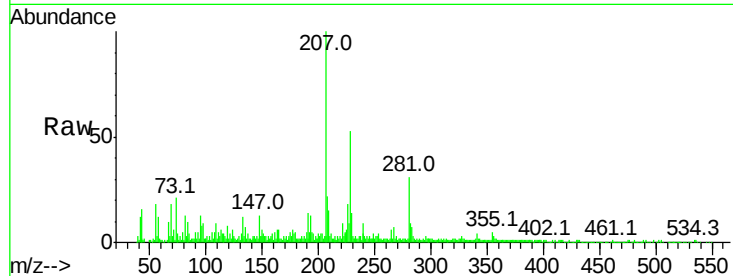
Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228	Resp:	81980
Ion	Ratio	Lower Upper
228	100	
226	33.2	23.4 35.2
229	26.8	15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 2.221 ng/ul

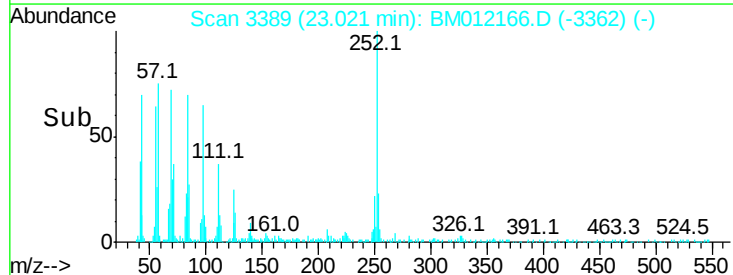
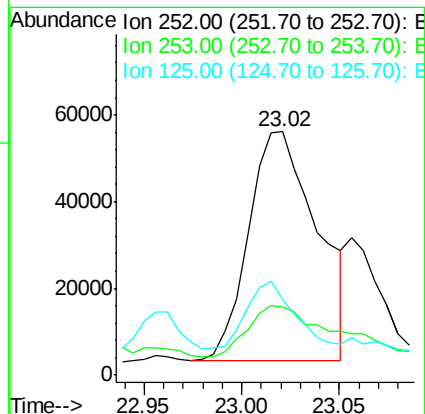
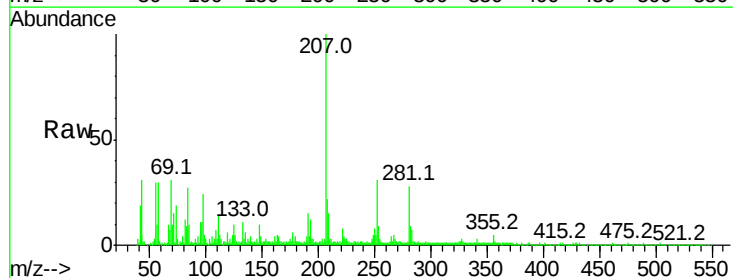
RT: 23.02 min Scan# 3389

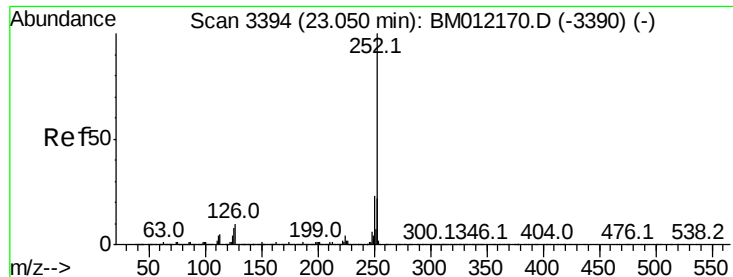
Delta R.T. -0.04 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Tgt Ion:252	Resp:	128662
Ion	Ratio	Lower Upper
252	100	
253	28.2	17.9 26.9#
125	31.3	3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 2.304 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.09 min

Lab File: BM012166.D

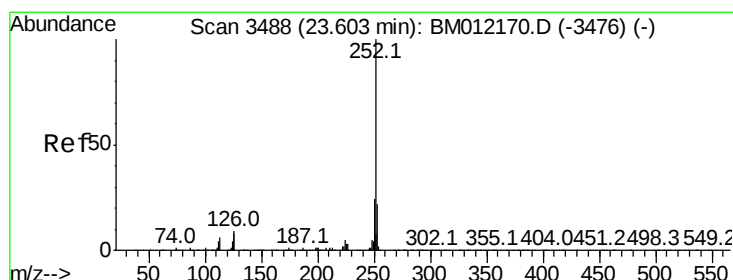
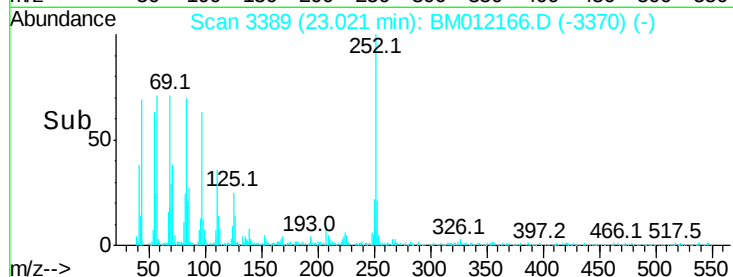
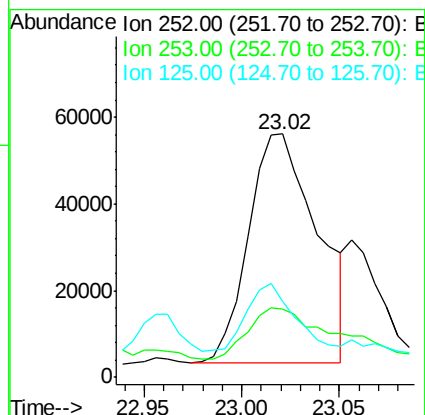
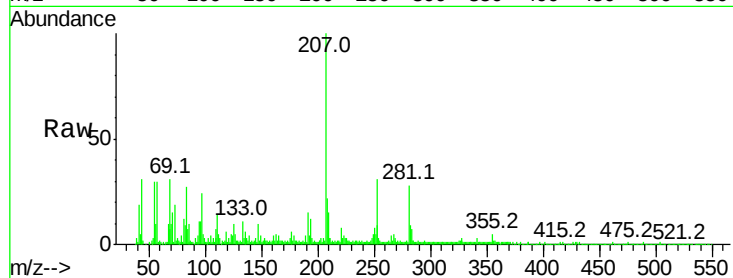
Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	128662
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.1	25.7#
125	31.3	3.4	5.2#



#88

Benzo(a)pyrene

Concen: 1.573 ng/ul

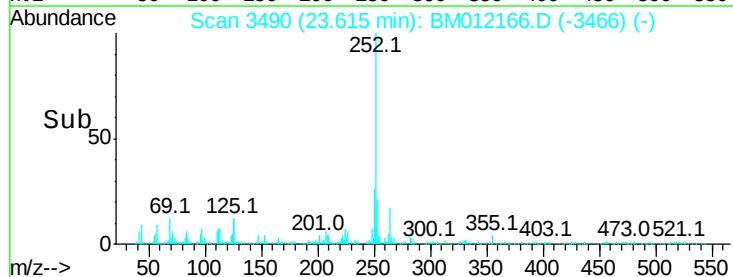
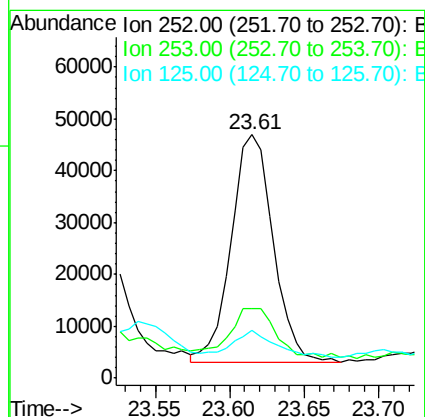
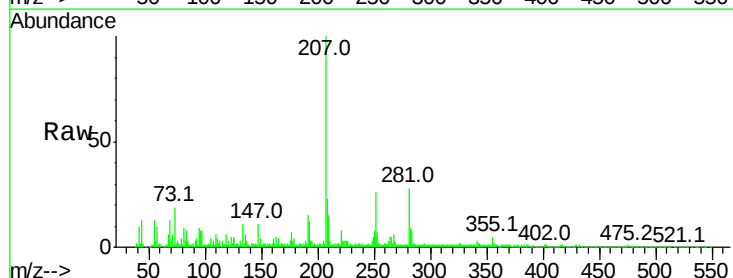
RT: 23.61 min Scan# 3490

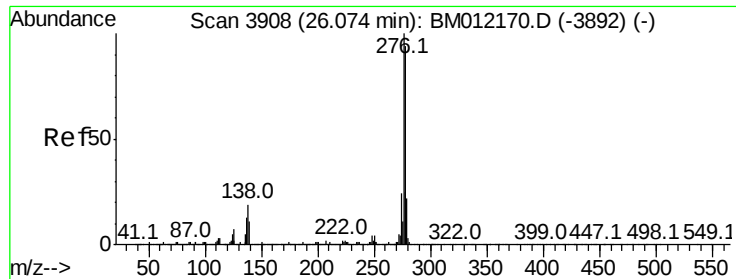
Delta R.T. -0.06 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Tgt Ion:	252	Resp:	85907
Ion Ratio	Lower	Upper	
252	100		
253	28.7	18.2	27.2#
125	19.5	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.099 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. -0.09 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Instrument :

BNA_M

ClientSampleId :

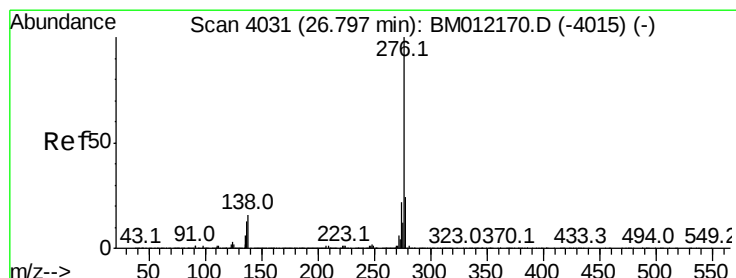
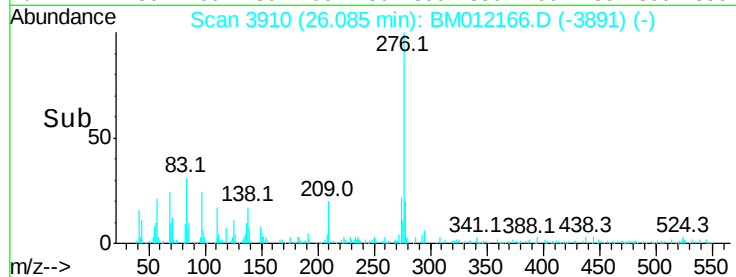
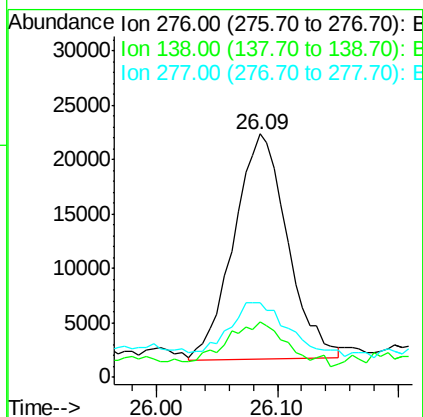
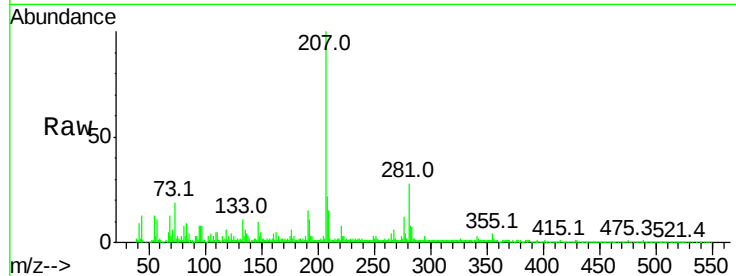
Tot Ion:276 Resp: 63720

Ion Ratio Lower Upper

276 100

138 22.8 9.3 13.9#

277 30.8 19.9 29.9#



#91

Benzo(g,h,i)perylene

Concen: 1.135 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. -0.11 min

Lab File: BM012166.D

Acq: 14 Oct 2017 10:28

Tgt Ion:276 Resp: 53933

Ion Ratio Lower Upper

276 100

138 20.8 8.5 12.7#

277 34.6 18.6 28.0#

