

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011747.D
 Acq On : 28 Sep 2017 05:35
 Operator : SJ/JU
 Sample : I5377-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 28 06:51:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	295609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1351491	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	729474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1517119	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1145861	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	966072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	13900	2.10	ng/uL	0.00
5) Phenol-d5	7.09	99	317958	10.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	285715	13.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	278798	12.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	244301	10.73	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	147012	13.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	125938	11.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	232499	10.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	69000	2.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	827081	13.22	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1071421	14.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	12669	1.18	ng/ul	0.00
57) Fluorene-d10	15.56	176	755996	14.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	16945	1.65	ng/ul	0.00
70) Anthracene-d10	17.41	188	1114628	14.44	ng/ul	0.00
76) Pyrene-d10	19.70	212	1170474	21.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	692639	14.97	ng/ul	0.00

Target Compounds

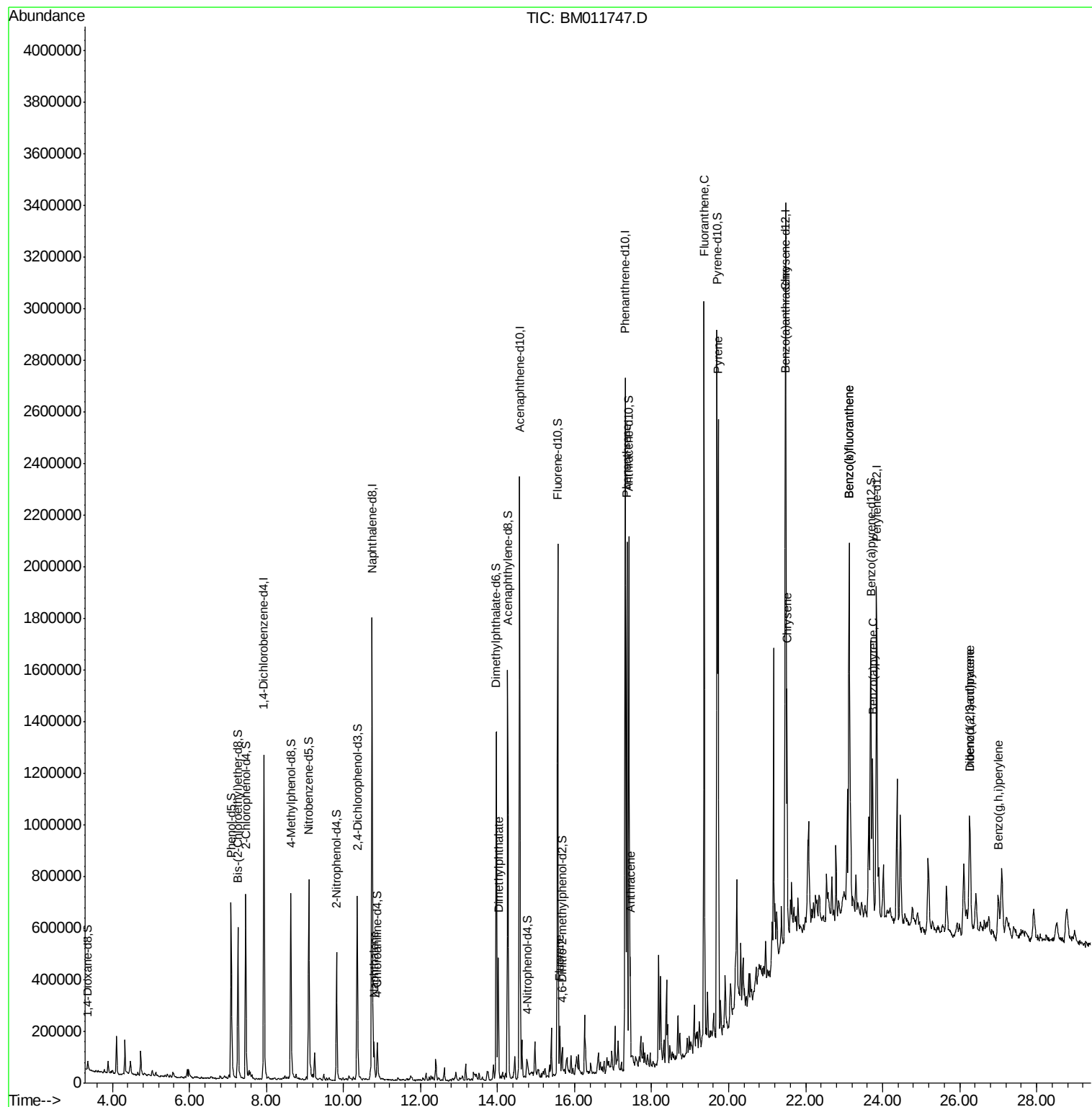
					Ovalue	
28) Naphthalene	10.79	128	104553	1.480	ng/ul	98
44) Dimethylphthalate	14.02	163	267925	4.477	ng/ul	99
58) Fluorene	15.62	166	73185	1.217	ng/ul	94
69) Phenanthrene	17.36	178	1149322	13.536	ng/ul	99
71) Anthracene	17.44	178	227502	2.600	ng/ul	98
74) Fluoranthene	19.36	202	1645970	15.877	ng/ul#	89
77) Pyrene	19.73	202	1335687	19.561	ng/ul#	88
80) Benzo(a)anthracene	21.46	228	601644	9.385	ng/ul	96
82) Chrysene	21.52	228	548790	9.077	ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	626875	10.998	ng/ul#	93
86) Benzo(k)fluoranthene	23.13	252	626875	10.781	ng/ul#	91
88) Benzo(a)pyrene	23.74	252	406472	7.383	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	266562	4.650	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.26	278	64578	1.345	ng/ul#	78
91) Benzo(g,h,i)perylene	27.00	276	235783	4.956	ng/ul#	90

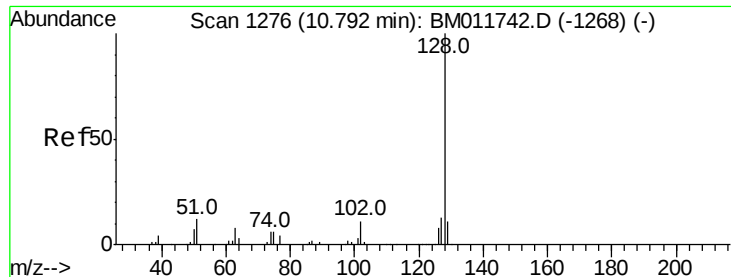
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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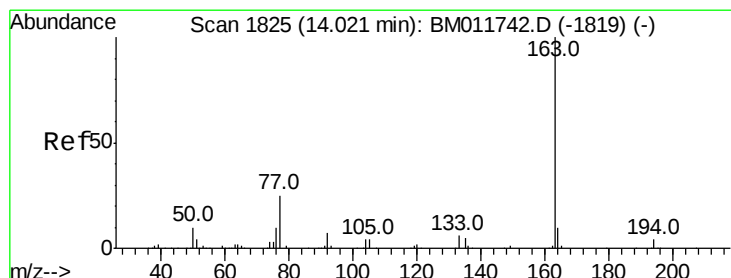
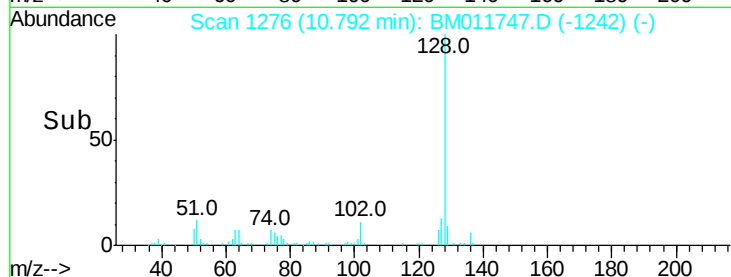
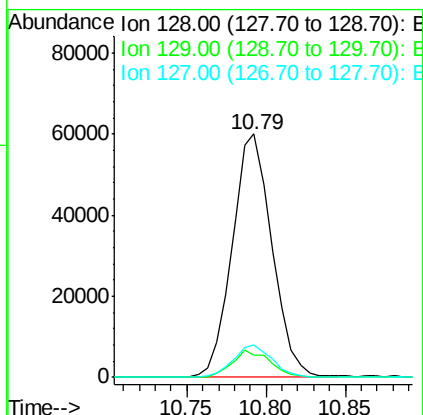
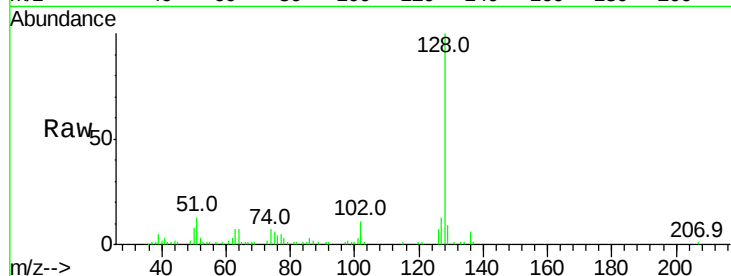




#28
Naphthalene
Concen: 1.480 ng/ul
RT: 10.79 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM011747.D
Acq: 28 Sep 2017 05:35

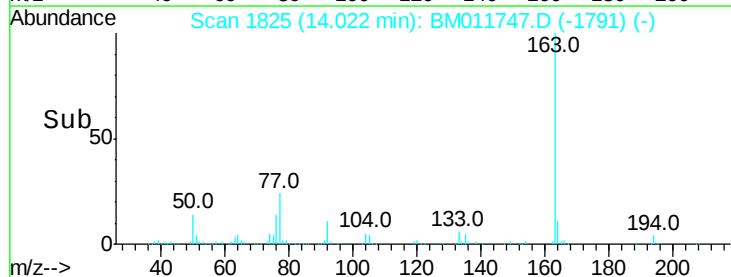
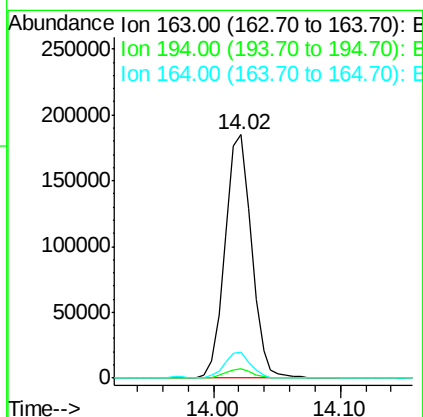
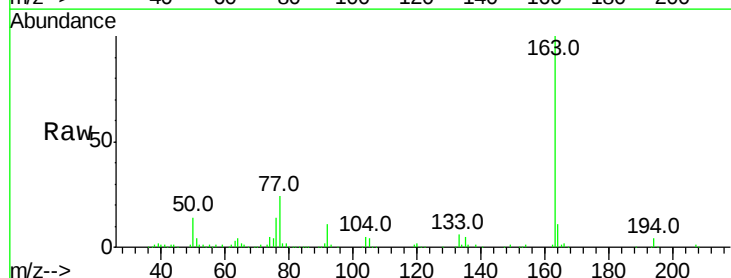
Instrument :
BNA_M
ClientSampleId :

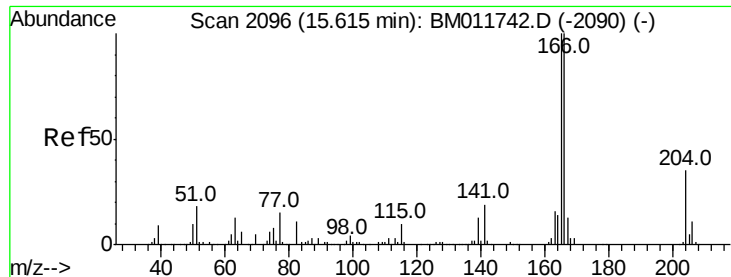
Tot Ion:128 Resp: 104553
Ion Ratio Lower Upper
128 100
129 9.3 8.8 13.2
127 13.2 10.6 16.0



#44
Dimethylphthalate
Concen: 4.477 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BM011747.D
Acq: 28 Sep 2017 05:35

Tgt Ion:163 Resp: 267925
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.8 8.2 12.4





#58

Fluorene

Concen: 1.217 ng/ul

RT: 15.62 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM011747.D

Acq: 28 Sep 2017 05:35

Instrument :

BNA_M

ClientSampleId :

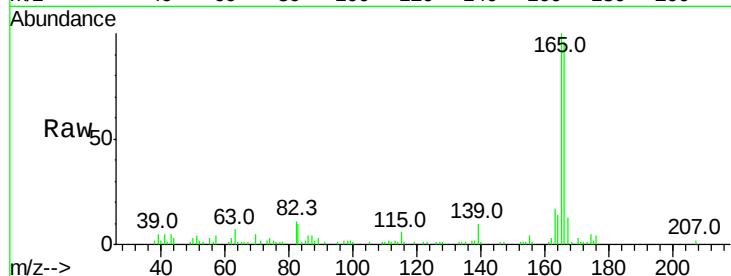
Tot Ion:166 Resp: 73185

Ion Ratio Lower Upper

166 100

165 103.7 77.9 116.9

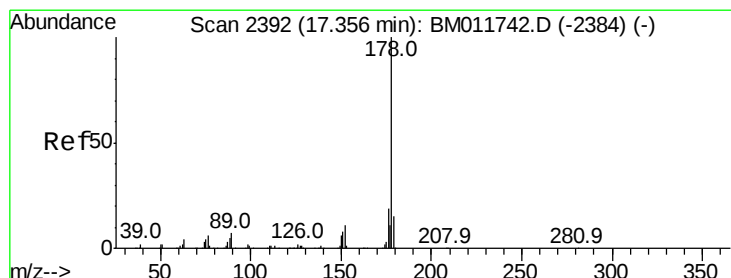
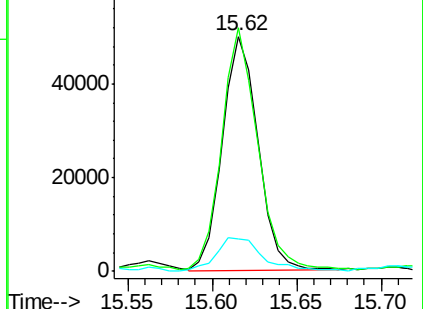
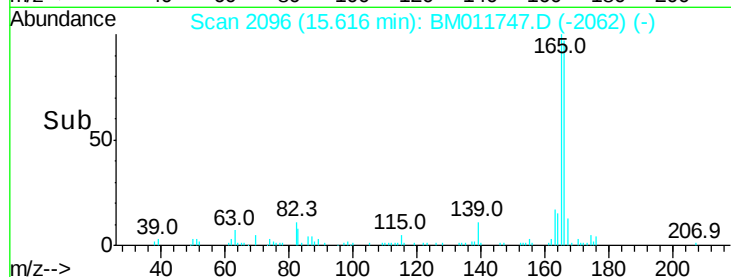
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 13.536 ng/ul

RT: 17.36 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM011747.D

Acq: 28 Sep 2017 05:35

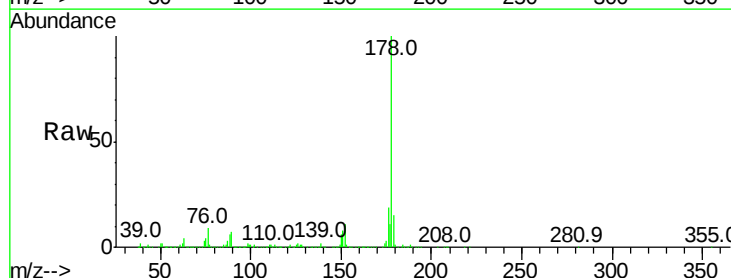
Tgt Ion:178 Resp: 1149322

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

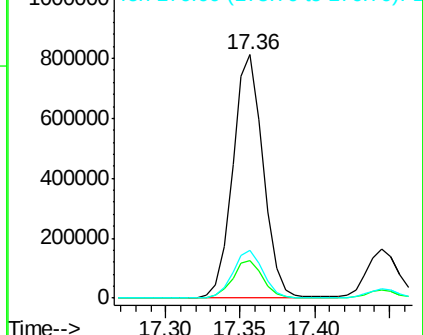
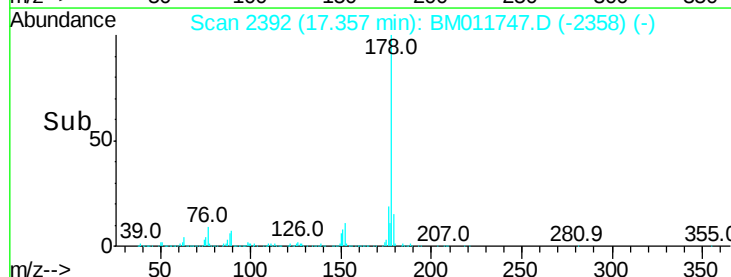
176 19.4 14.9 22.3

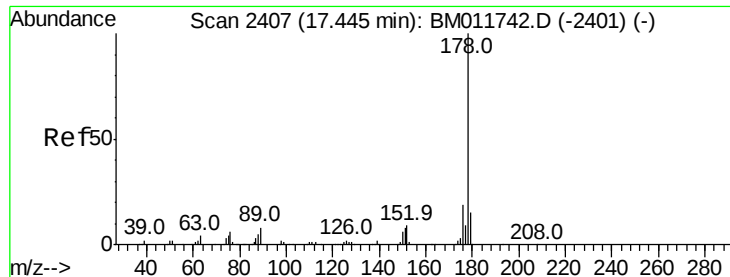


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

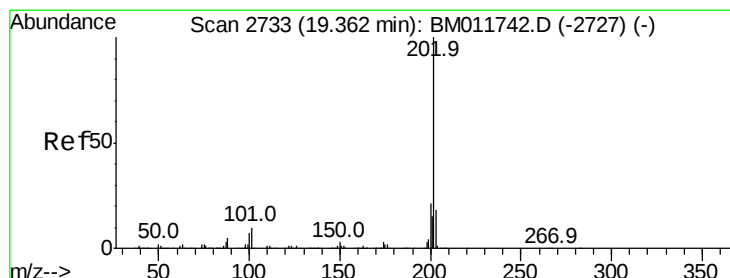
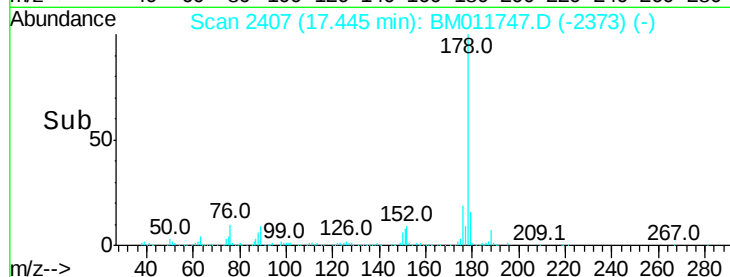
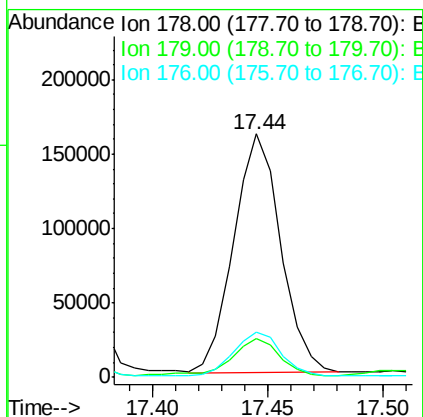
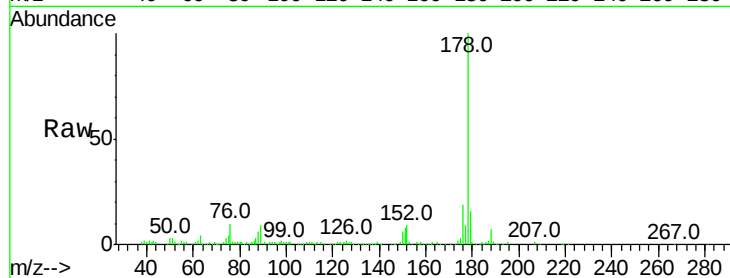




#71
 Anthracene
 Concen: 2.600 ng/ul
 RT: 17.44 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM011747.D
 Acq: 28 Sep 2017 05:35

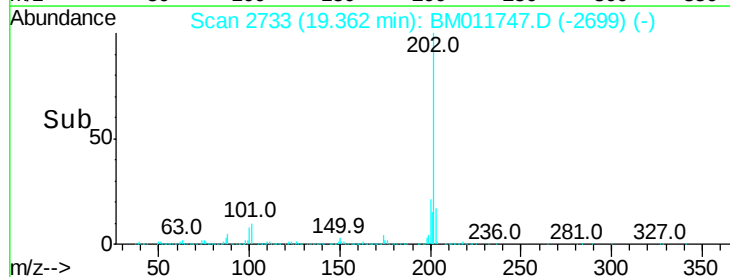
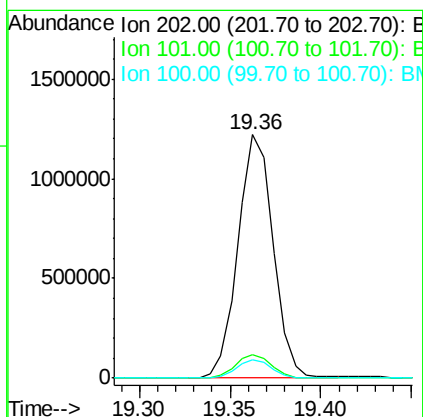
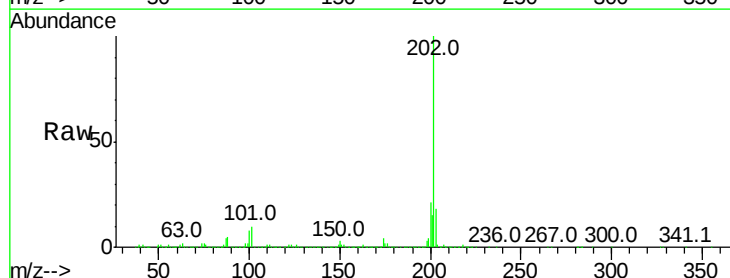
Instrument :
 BNA_M
 ClientSampleId :

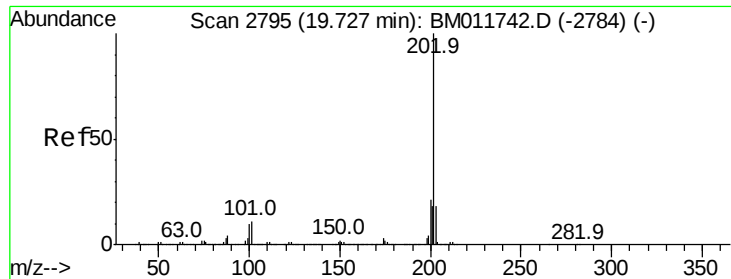
Tot Ion:178 Resp: 227502
 Ion Ratio Lower Upper
 178 100
 179 15.7 11.7 17.5
 176 18.7 14.6 21.8



#74
 Fluoranthene
 Concen: 15.877 ng/ul
 RT: 19.36 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM011747.D
 Acq: 28 Sep 2017 05:35

Tgt Ion:202 Resp: 1645970
 Ion Ratio Lower Upper
 202 100
 101 9.9 4.6 7.0#
 100 7.8 3.4 5.2#





#77

Pvrene

Concen: 19.561 ng/ul

RT: 19.73 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM011747.D

Acq: 28 Sep 2017 05:35

Instrument :

BNA_M

ClientSampled :

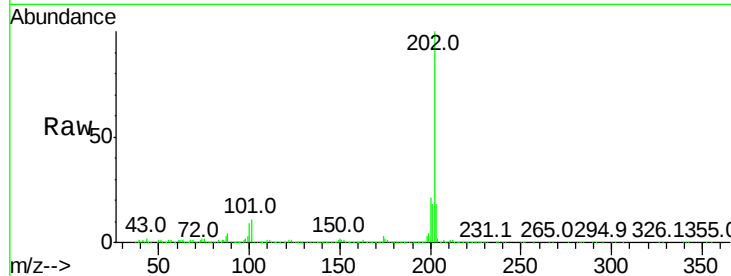
Tot Ion:202 Resp: 1335687

Ion Ratio Lower Upper

202 100

101 11.4 5.1 7.7#

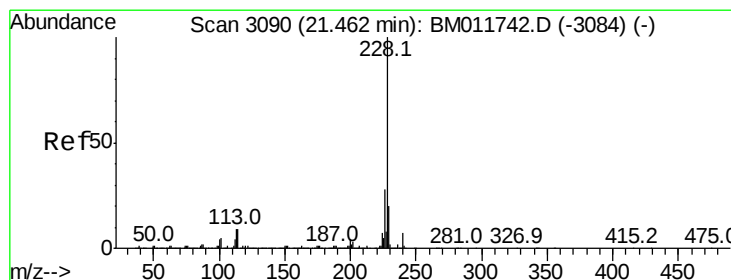
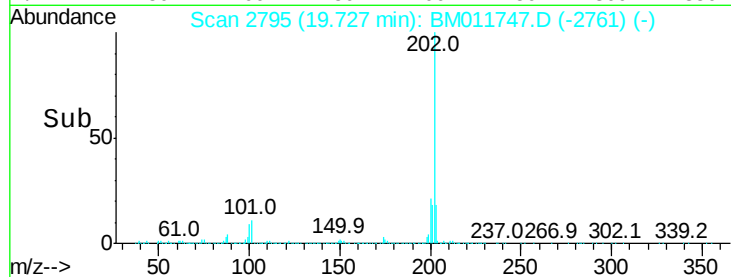
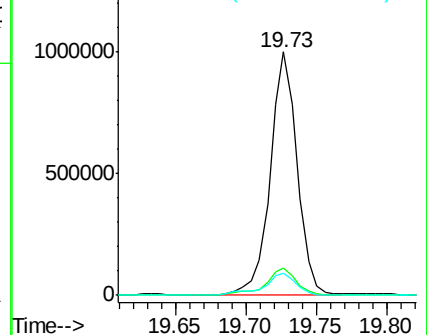
100 9.4 4.9 7.3#



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: 9.385 ng/ul

RT: 21.46 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM011747.D

Acq: 28 Sep 2017 05:35

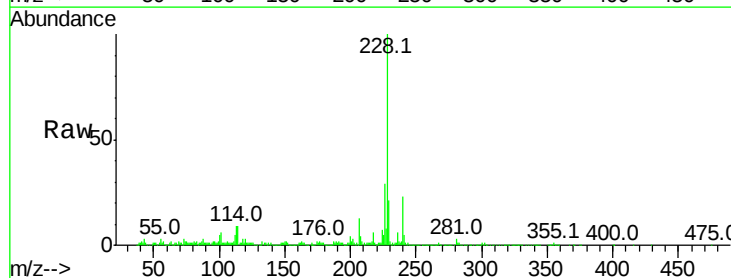
Tgt Ion:228 Resp: 601644

Ion Ratio Lower Upper

228 100

229 20.7 15.4 23.0

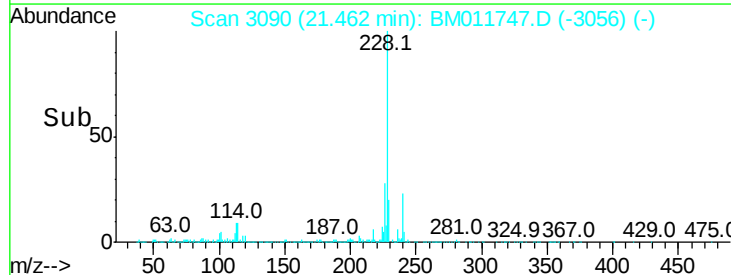
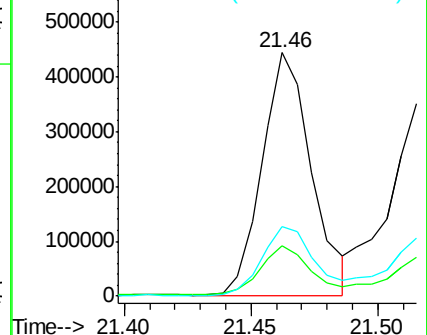
226 28.8 21.4 32.0

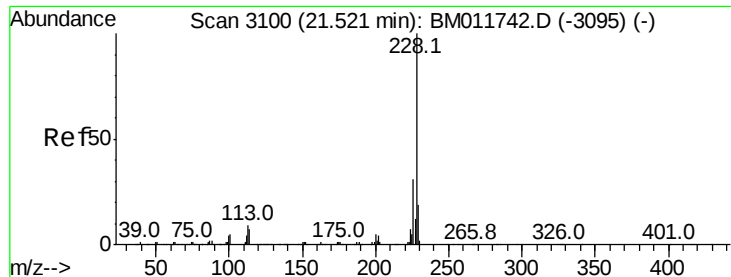


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 9.077 ng/ul

RT: 21.52 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011747.D

Acq: 28 Sep 2017 05:35

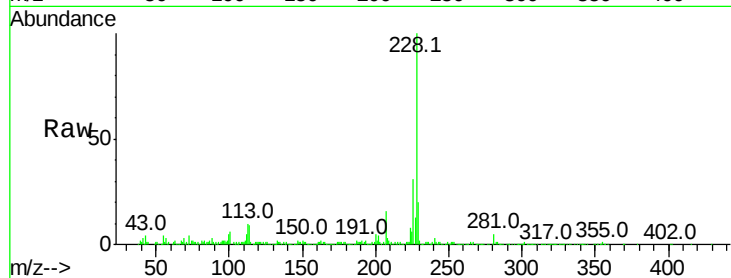
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 548790

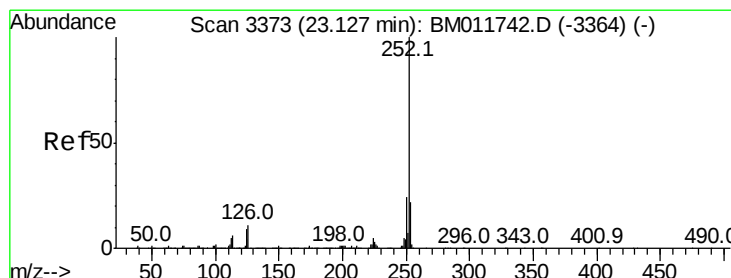
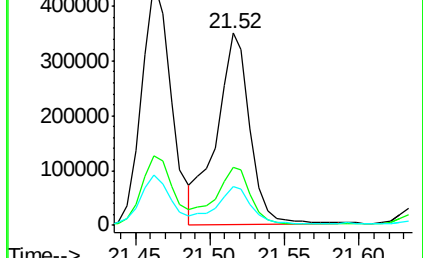
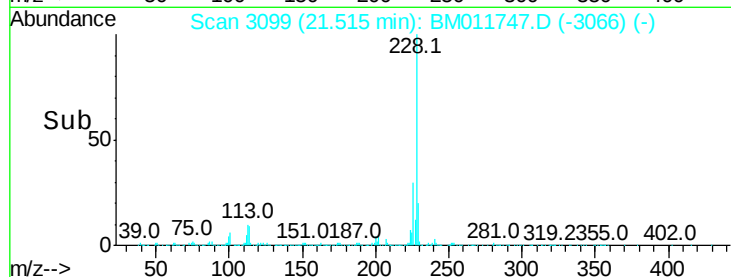
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	20.2	15.5	23.3



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: 10.998 ng/ul

RT: 23.13 min Scan# 3373

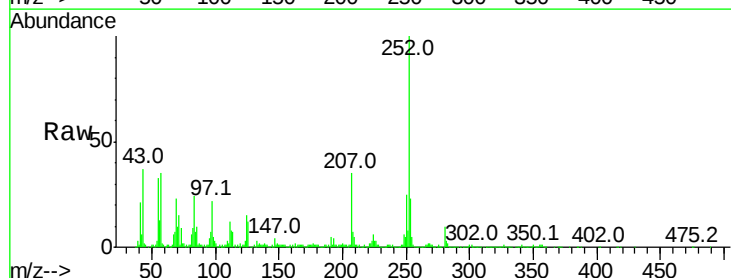
Delta R.T. 0.00 min

Lab File: BM011747.D

Acq: 28 Sep 2017 05:35

Tgt Ion:252 Resp: 626875

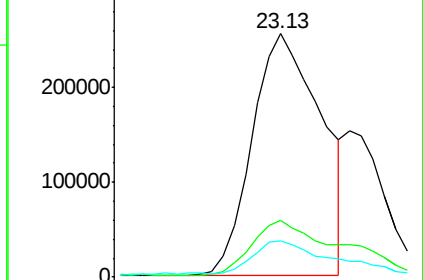
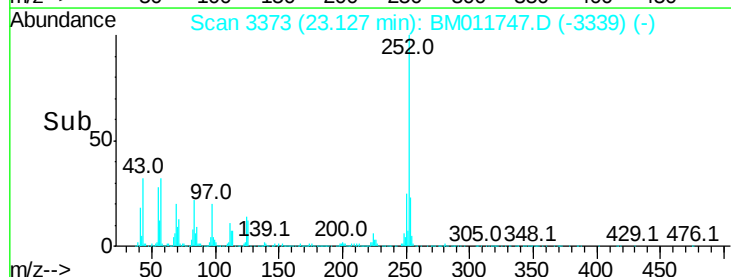
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.7	3.6	5.4

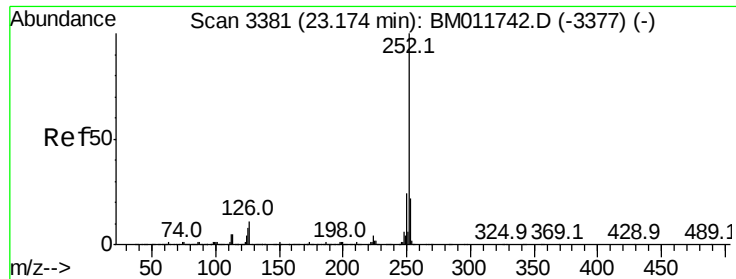


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

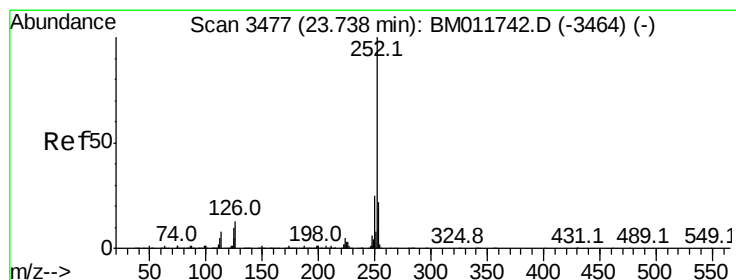
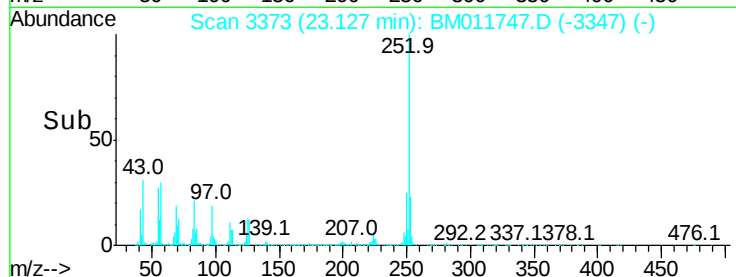
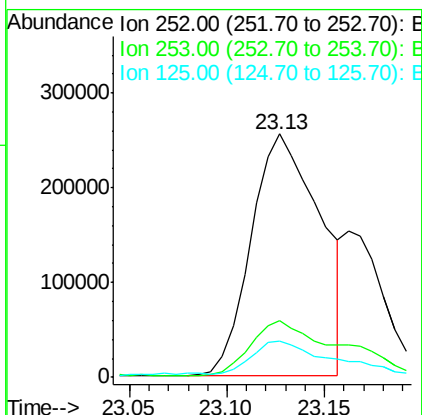
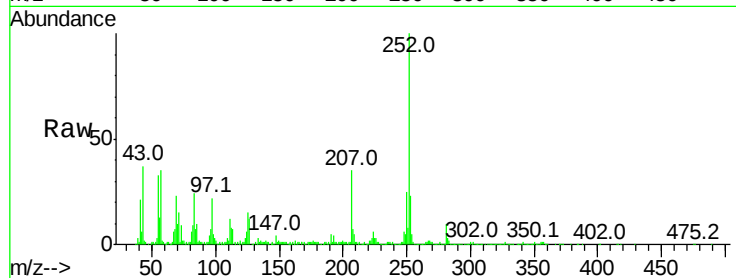




#86
Benzo(k)fluoranthene
Concen: 10.781 ng/ul
RT: 23.13 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM011747.D
Acq: 28 Sep 2017 05:35

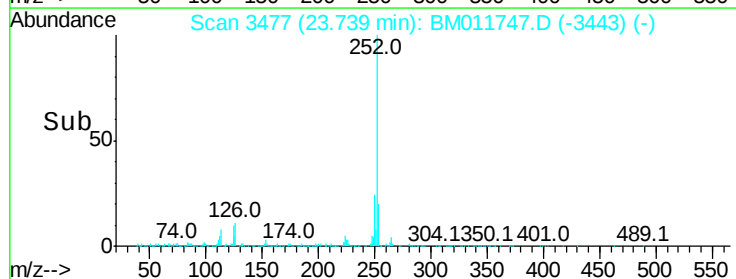
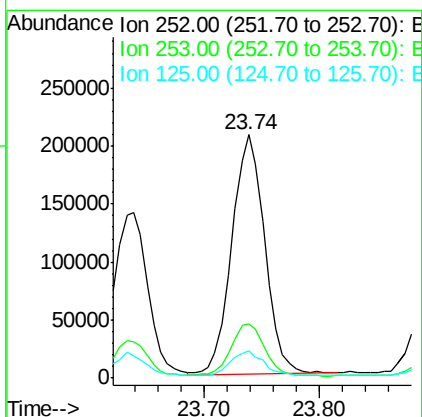
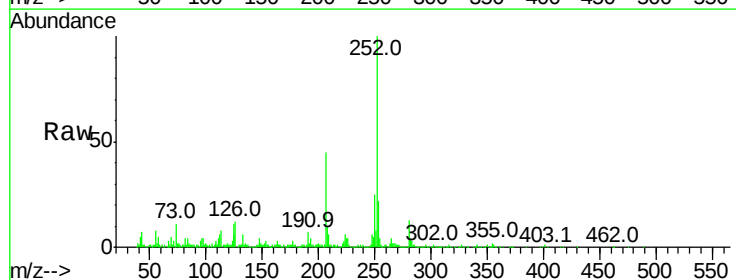
Instrument :
BNA_M
ClientSampleId :

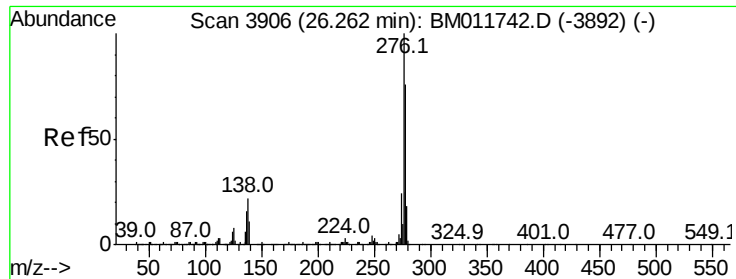
Tot Ion:252 Resp: 626875
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 14.7 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 7.383 ng/ul
RT: 23.74 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BM011747.D
Acq: 28 Sep 2017 05:35

Tgt Ion:252 Resp: 406472
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.2 4.0 6.0#



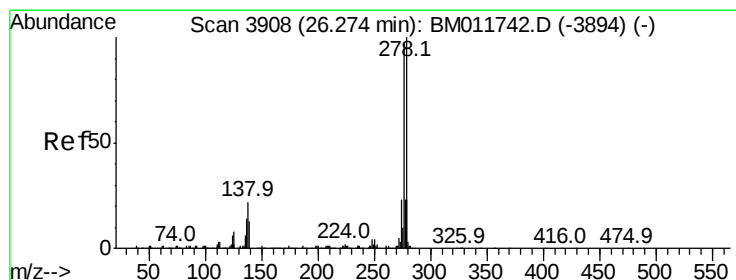
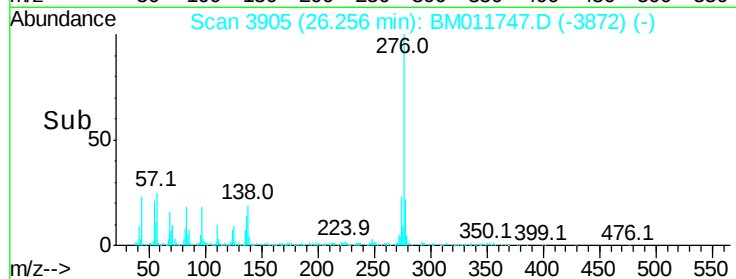
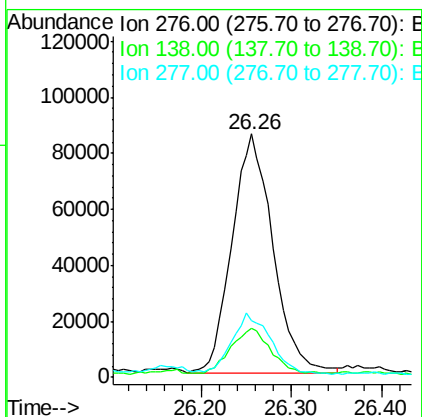
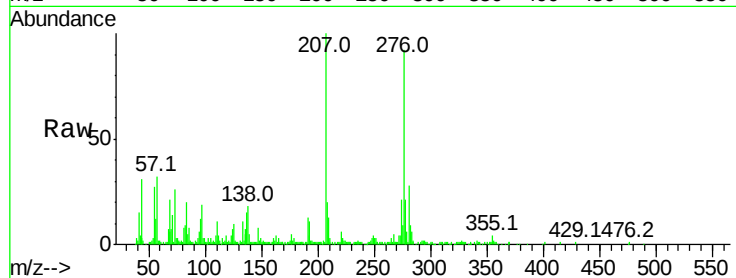


#89

Indeno(1,2,3-cd)pyrene
Concen: 4.650 ng/ul
RT: 26.26 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM011747.D
Acq: 28 Sep 2017 05:35

Instrument :
BNA_M
ClientSampleId :

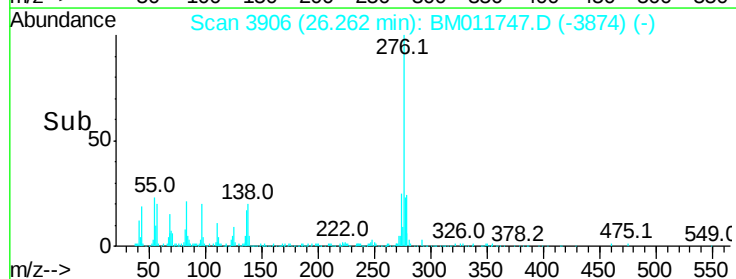
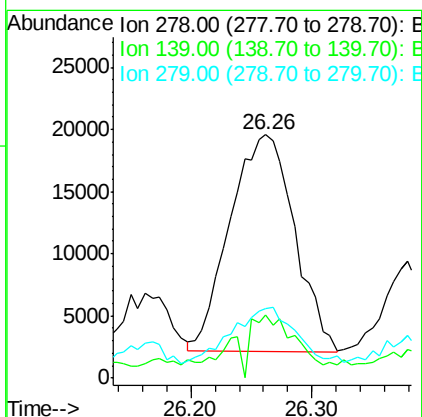
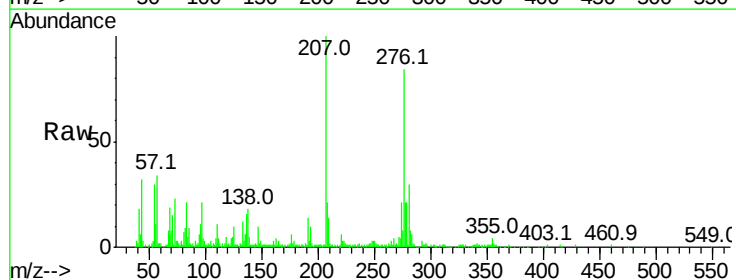
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	9.3	13.9#
277	23.1	19.9	29.9

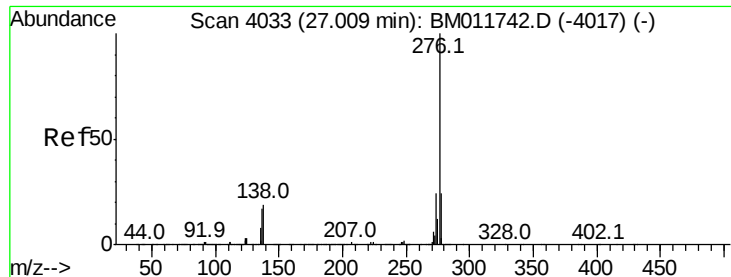


#90

Dibenzo(a,h)anthracene
Concen: 1.345 ng/ul
RT: 26.26 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM011747.D
Acq: 28 Sep 2017 05:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.2	5.8	8.8#
279	28.8	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 4.956 ng/ul

RT: 27.00 min Scan# 4032

Delta R.T. -0.01 min

Lab File: BM011747.D

Acq: 28 Sep 2017 05:35

Instrument :

BNA_M

ClientSampleId :

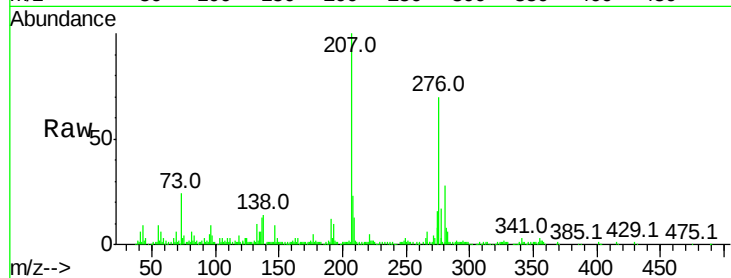
Tot Ion:276 Resp: 235783

Ion Ratio Lower Upper

276 100

138 19.8 8.5 12.7#

277 24.9 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

