

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012089.D
 Acq On : 12 Oct 2017 03:38
 Operator : SJ/JU
 Sample : I5649-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 04:29:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 04:22:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	378981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1423481	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	719732	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1482949	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1612754	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1802573	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	23531	2.94	ng/uL	0.00
5) Phenol-d5	7.00	99	492855	15.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	315902	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	437027	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	386024	13.70	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	198703	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	221985	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	400989	17.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	251956	10.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1171877	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1440596	19.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	108985	10.00	ng/ul	0.00
57) Fluorene-d10	15.48	176	945923	17.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	83831	8.40	ng/ul	0.00
70) Anthracene-d10	17.33	188	1387267	18.98	ng/ul	0.00
76) Pyrene-d10	19.62	212	1490120	20.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1651346	19.04	ng/ul	0.00

Target Compounds

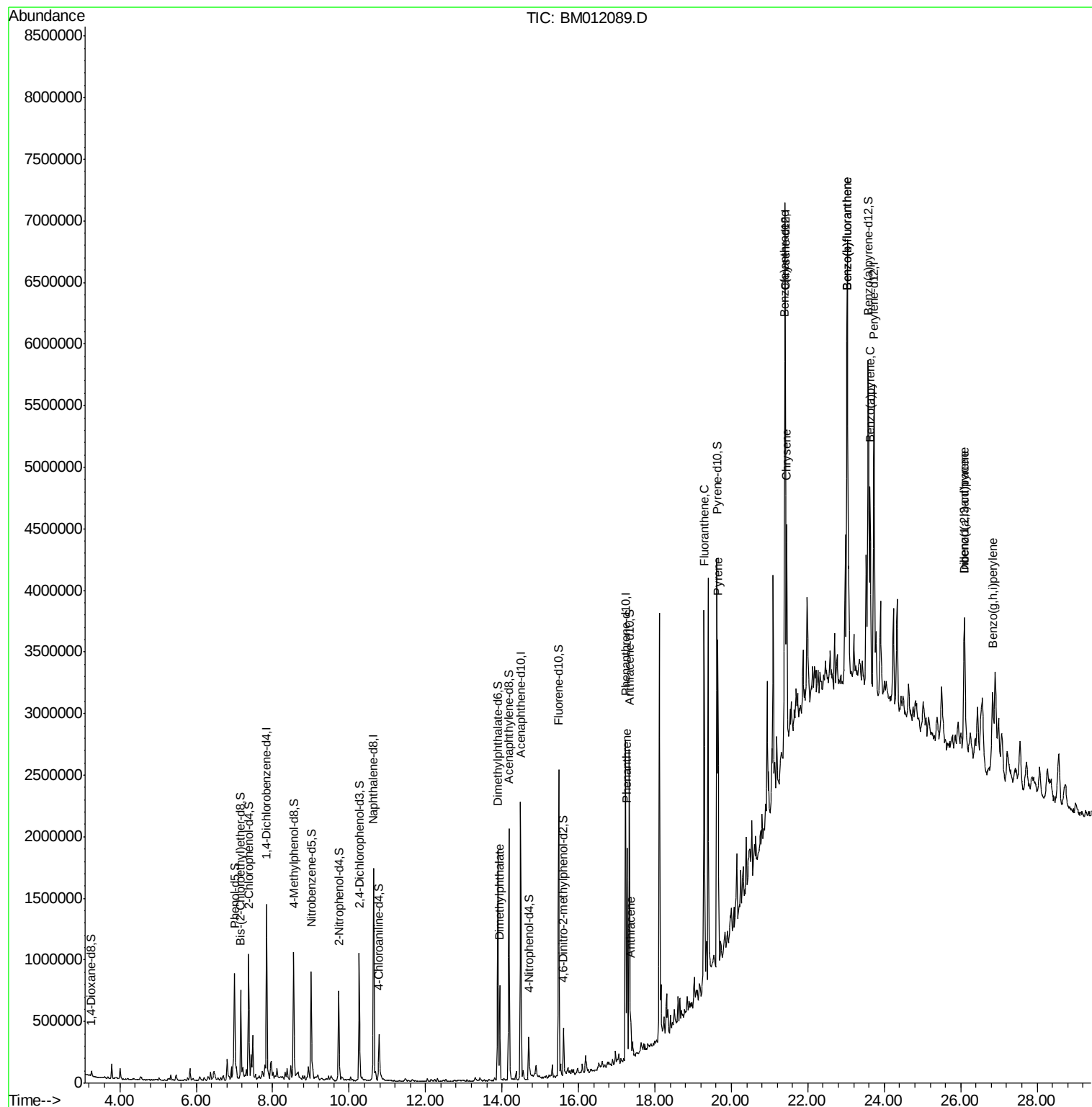
					Ovalue	
44) Dimethylphthalate	13.94	163	471161	7.851	ng/ul	100
69) Phenanthrene	17.27	178	974919	11.952	ng/ul	99
71) Anthracene	17.37	178	255233	3.075	ng/ul	99
74) Fluoranthene	19.29	202	1741784	17.501	ng/ul#	91
77) Pyrene	19.65	202	1589298	17.773	ng/ul#	88
80) Benzo(a)anthracene	21.39	228	997636	10.798	ng/ul	95
82) Chrysene	21.44	228	1000167	11.393	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	1435015	13.097	ng/ul#	91
86) Benzo(k)fluoranthene	23.03	252	1435015	13.119	ng/ul#	89
88) Benzo(a)pyrene	23.63	252	1100735	10.455	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.10	276	846157	7.511	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.10	278	210317	2.272	ng/ul#	71
91) Benzo(g,h,i)perylene	26.84	276	797632	8.559	ng/ul#	91

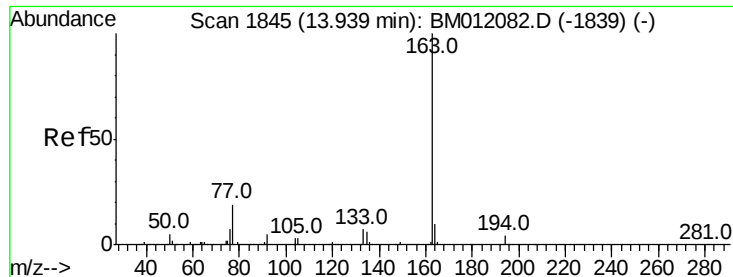
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
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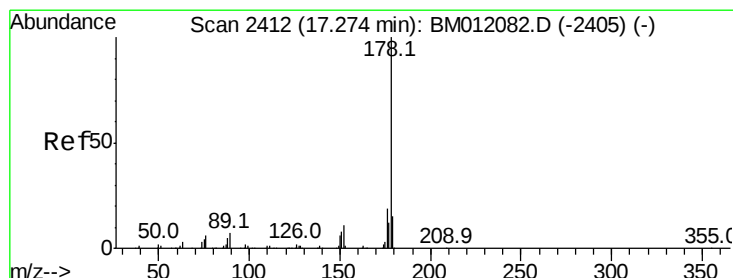
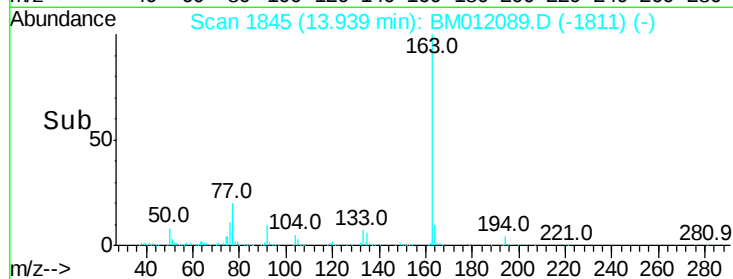
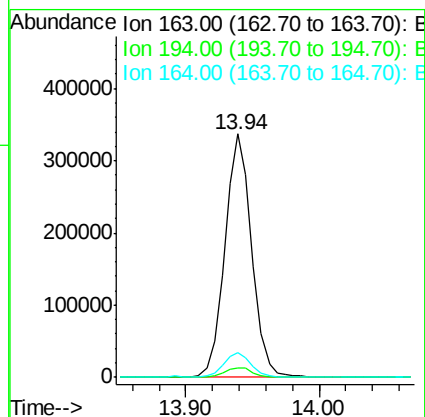
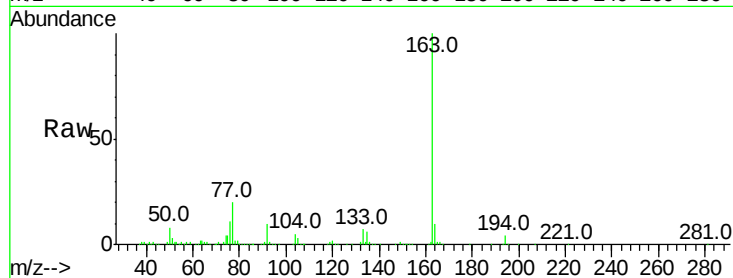




#44
 Dimethylphthalate
 Concen: 7.851 ng/ul
 RT: 13.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BM012089.D
 Acq: 12 Oct 2017 03:38

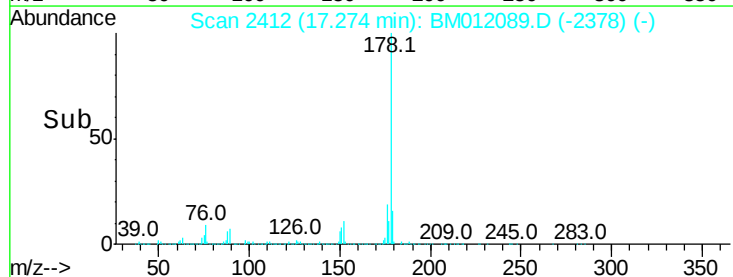
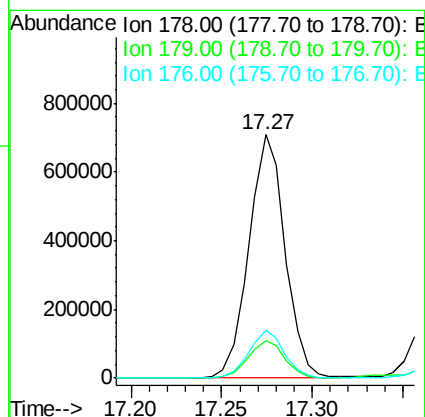
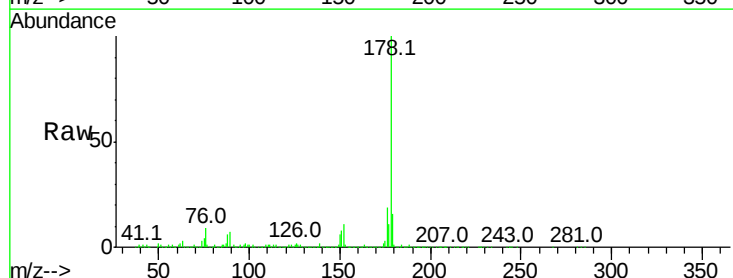
Instrument :
 BNA_M
 ClientSampleId :

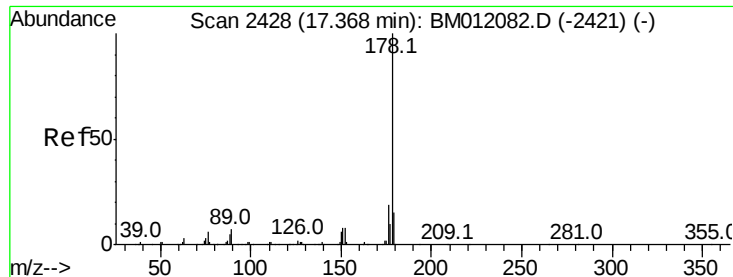
Tot Ion:163 Resp: 471161
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.5 5.3
 164 10.2 8.2 12.4



#69
 Phenanthrene
 Concen: 11.952 ng/ul
 RT: 17.27 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BM012089.D
 Acq: 12 Oct 2017 03:38

Tgt Ion:178 Resp: 974919
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 19.5 14.9 22.3





#71

Anthracene

Concen: 3.075 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BM012089.D

Acq: 12 Oct 2017 03:38

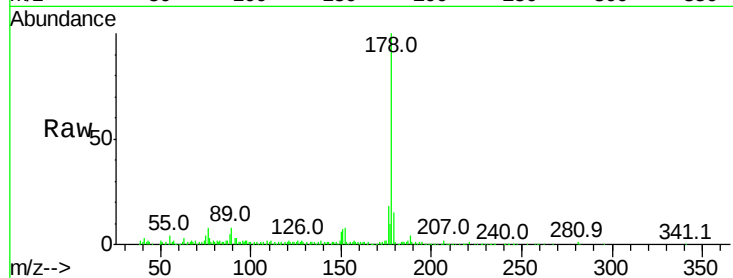
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 255233

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.4	14.6	21.8

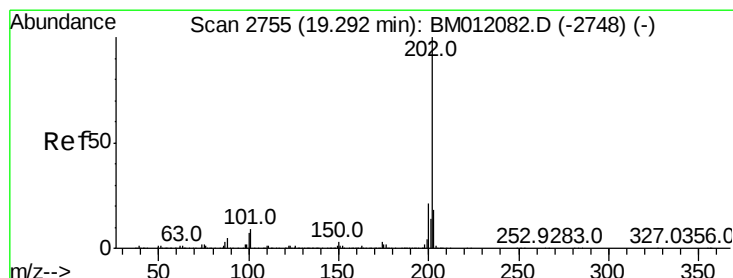
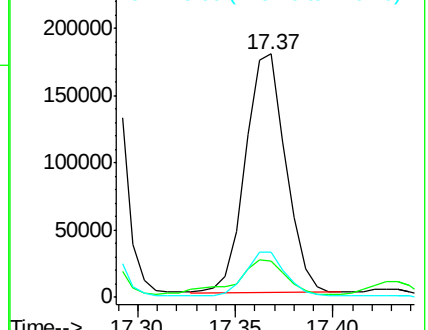
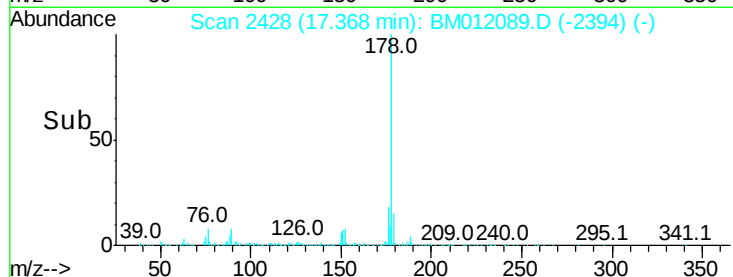


Abundance

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: 17.501 ng/ul

RT: 19.29 min Scan# 2755

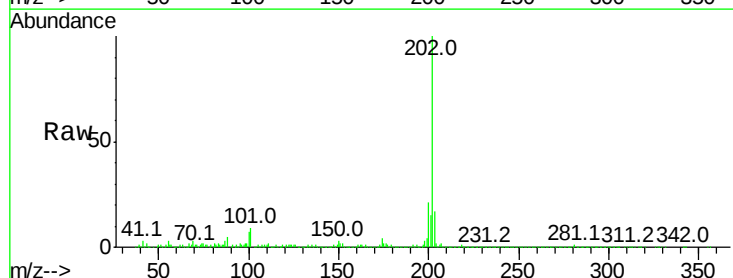
Delta R.T. -0.00 min

Lab File: BM012089.D

Acq: 12 Oct 2017 03:38

Tgt Ion:202 Resp: 1741784

Ion	Ratio	Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	7.1	3.4	5.2#

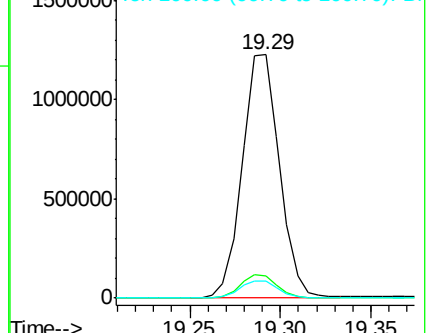
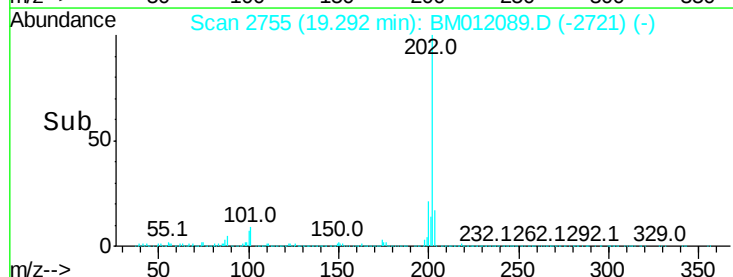


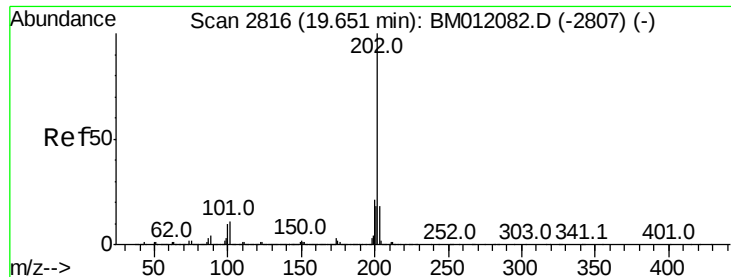
Abundance

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

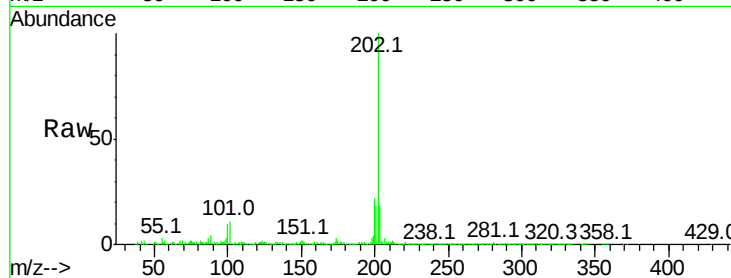




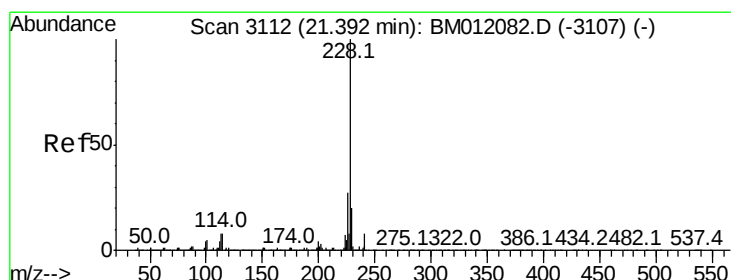
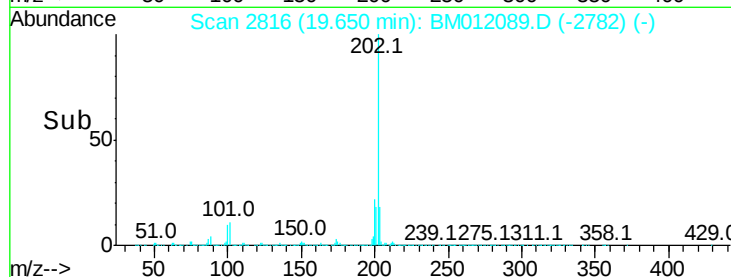
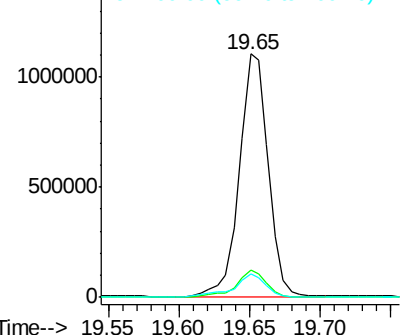
#77
 Pvrene
 Concen: 17.773 ng/ul
 RT: 19.65 min Scan# 2816
 Delta R.T. -0.00 min
 Lab File: BM012089.D
 Acq: 12 Oct 2017 03:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:202 Resp: 1589298
 Ion Ratio Lower Upper
 202 100
 101 11.2 5.1 7.7#
 100 9.7 4.9 7.3#

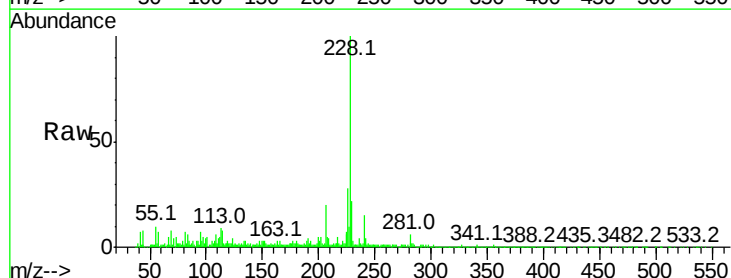


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

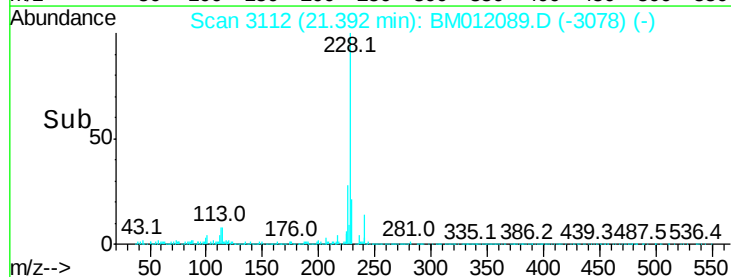
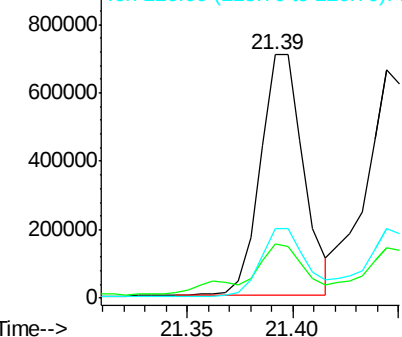


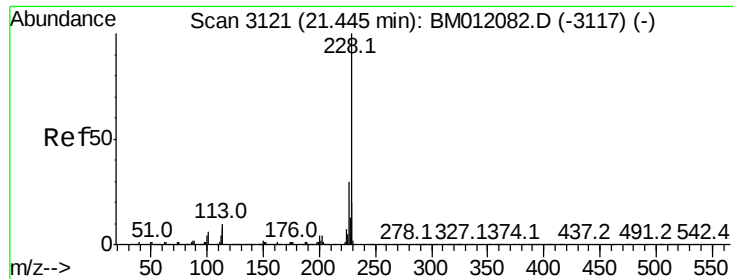
#80
 Benzo(a)anthracene
 Concen: 10.798 ng/ul
 RT: 21.39 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: BM012089.D
 Acq: 12 Oct 2017 03:38

Tgt Ion:228 Resp: 997636
 Ion Ratio Lower Upper
 228 100
 229 22.1 15.4 23.0
 226 28.3 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
 800000
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E



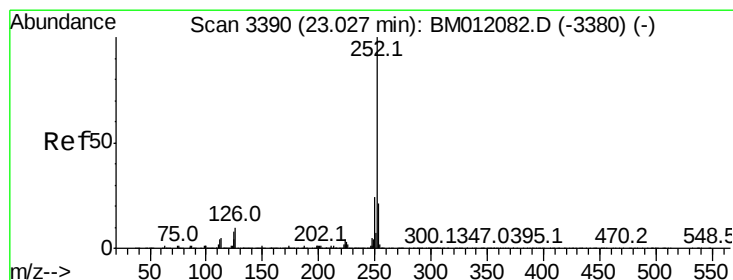
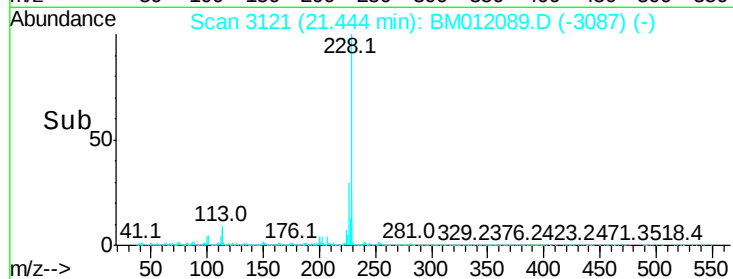
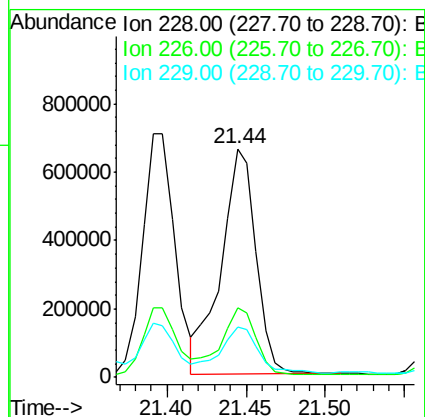
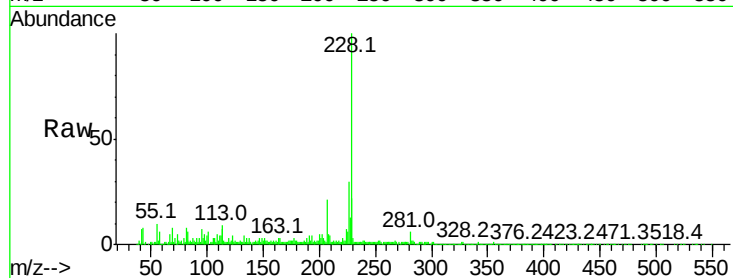


#82
 Chrysene
 Concen: 11.393 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BM012089.D
 Acq: 12 Oct 2017 03:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1000167

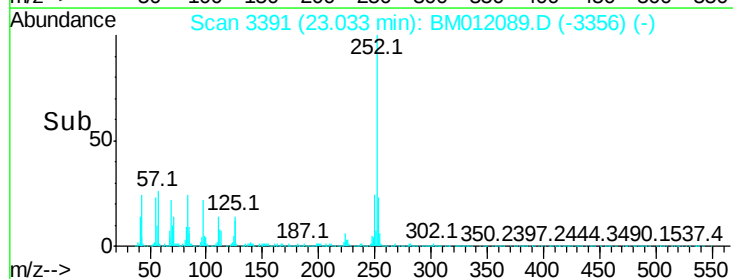
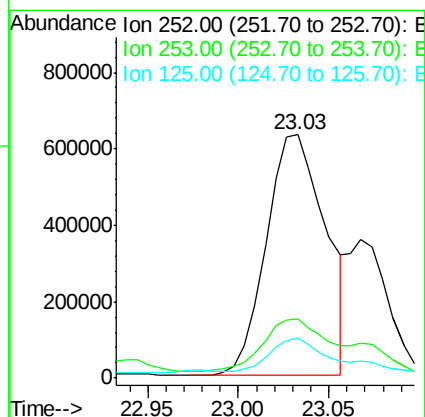
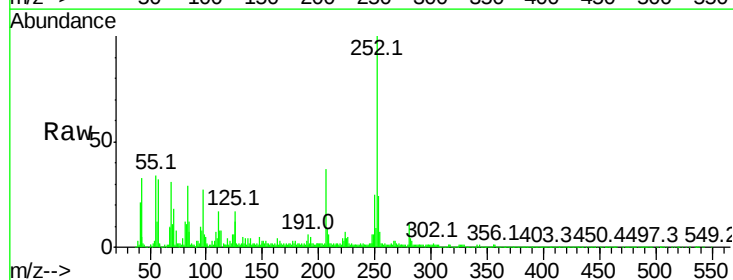
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.2	15.5	23.3

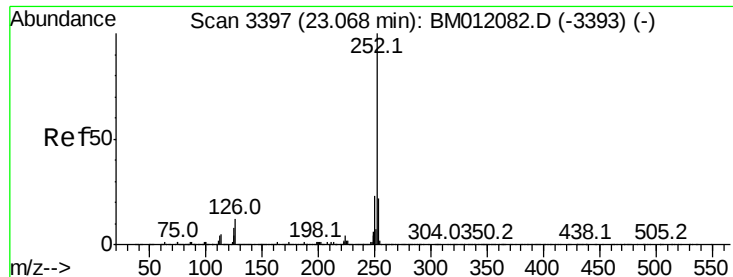


#85
 Benzo(b)fluoranthene
 Concen: 13.097 ng/ul
 RT: 23.03 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: BM012089.D
 Acq: 12 Oct 2017 03:38

Tgt Ion:252 Resp: 1435015

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	16.5	3.6	5.4

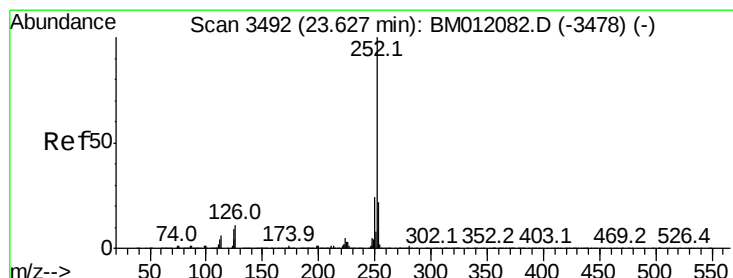
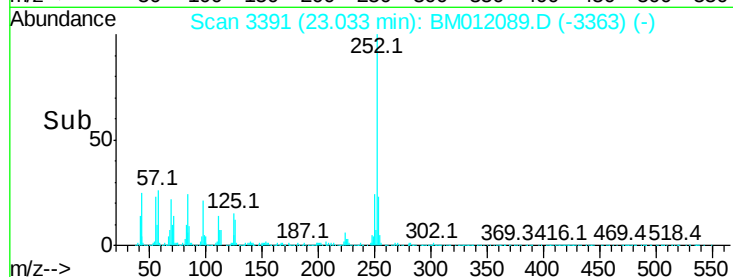
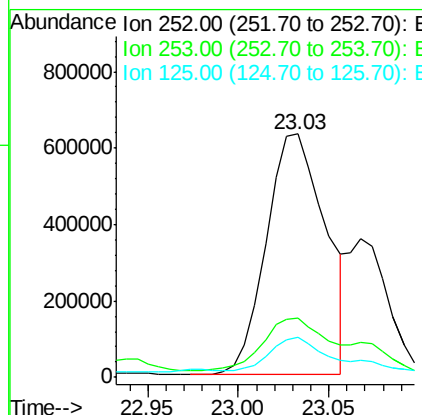
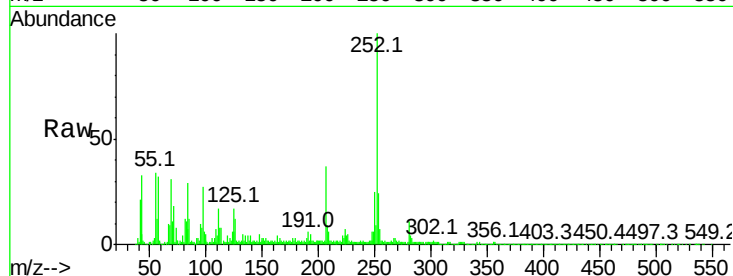




#86
Benzo(k)fluoranthene
Concen: 13.119 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM012089.D
Acq: 12 Oct 2017 03:38

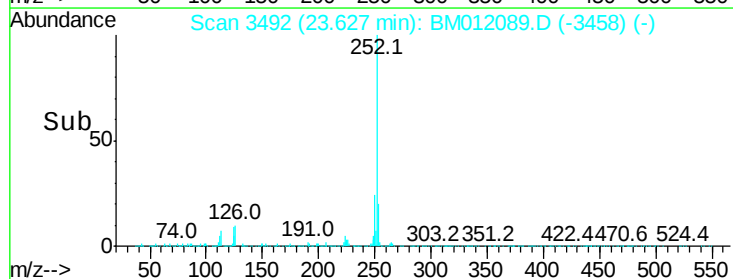
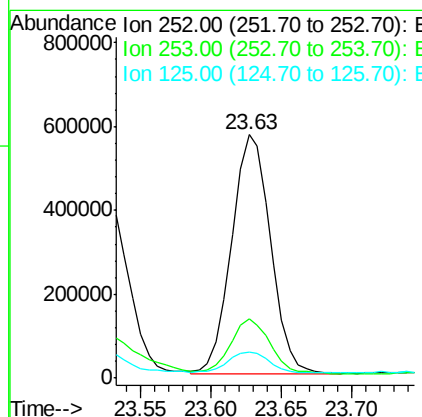
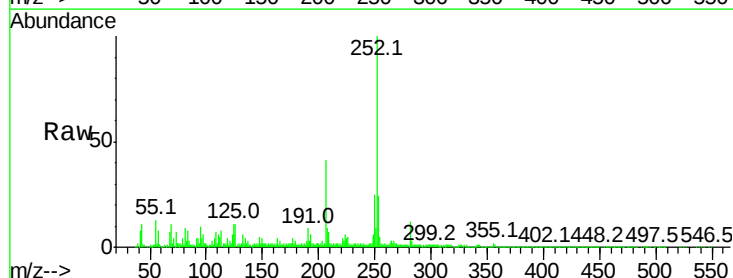
Instrument :
BNA_M
ClientSampleId :

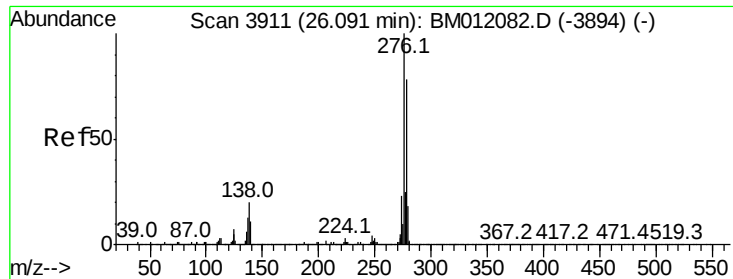
Tot Ion:252 Resp: 1435015
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 16.5 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 10.455 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012089.D
Acq: 12 Oct 2017 03:38

Tgt Ion:252 Resp: 1100735
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 10.9 4.0 6.0#



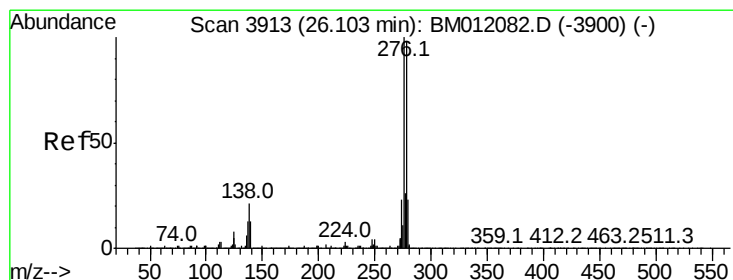
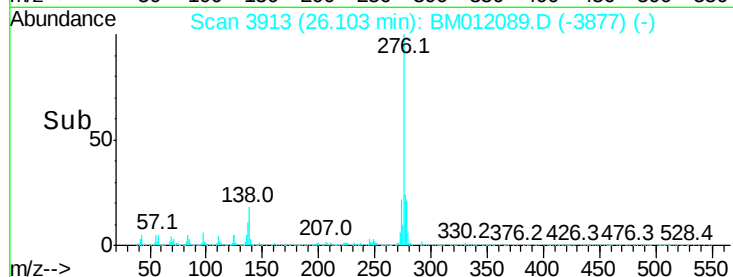
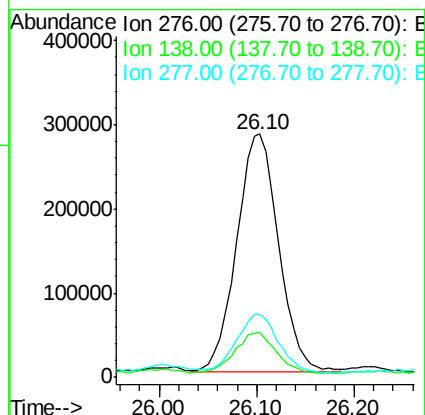
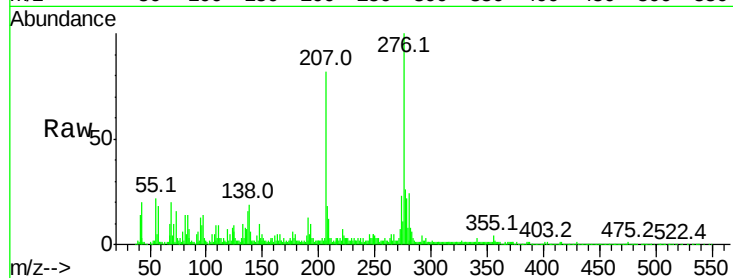


#89

Indeno(1,2,3-cd)pyrene
Concen: 7.511 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. 0.01 min
Lab File: BM012089.D
Acq: 12 Oct 2017 03:38

Instrument :
BNA_M
ClientSampleId :

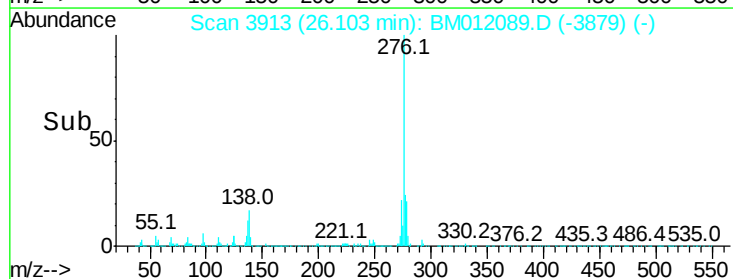
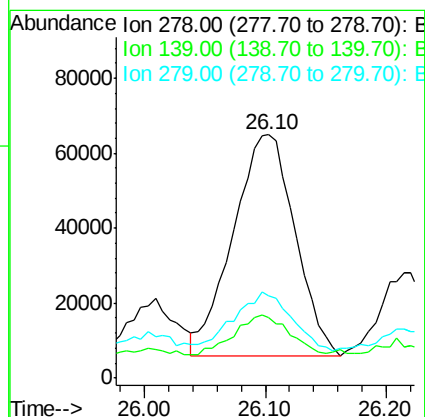
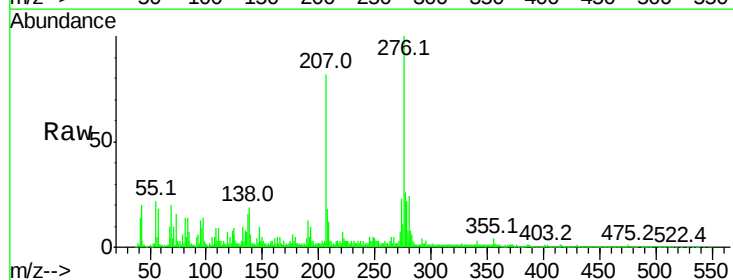
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	9.3	13.9#
277	25.7	19.9	29.9

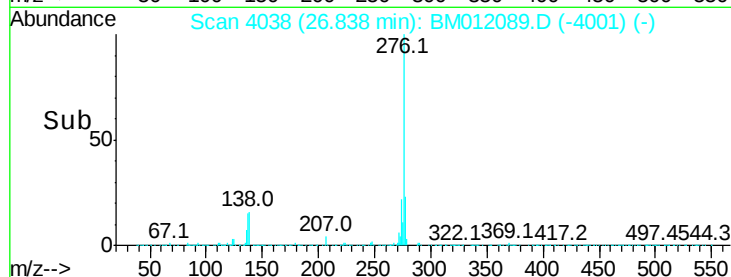
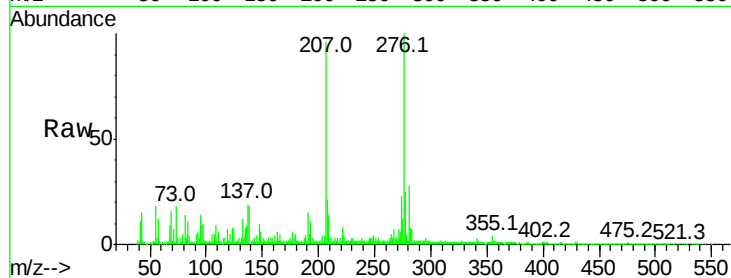
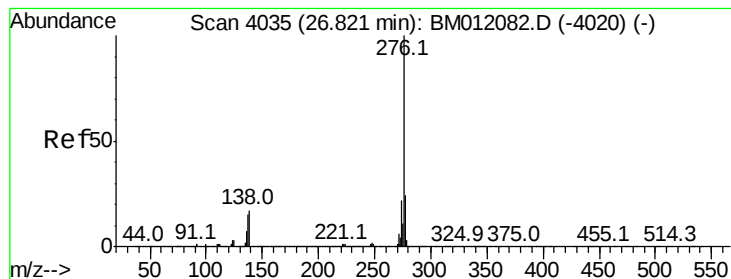


#90

Dibenzo(a,h)anthracene
Concen: 2.272 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BM012089.D
Acq: 12 Oct 2017 03:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	5.8	8.8#
279	33.9	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 8.559 ng/ul

RT: 26.84 min Scan# 4038

Delta R.T. 0.02 min

Lab File: BM012089.D

Acq: 12 Oct 2017 03:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 797632

Ion Ratio Lower Upper

276 100

138 17.6 8.5 12.7#

277 25.3 18.6 28.0

