

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011916.D
 Acq On : 05 Oct 2017 06:44
 Operator : SJ/JU
 Sample : I5414-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 08:38:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 08:36:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	373988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1708665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1037327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2296806	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1872589	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1622396	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	30067	3.80	ng/uL	0.00
5) Phenol-d5	7.03	99	668795	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	425965	22.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	601821	23.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	564133	20.28	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	301368	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	346704	25.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	644403	23.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	769323	25.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2224238	24.74	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	2624676	24.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	247867	15.78	ng/ul	0.00
57) Fluorene-d10	15.51	176	1942232	24.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	178464	11.55	ng/ul	0.00
70) Anthracene-d10	17.36	188	3104918	27.43	ng/ul	0.00
76) Pyrene-d10	19.65	212	3287711	38.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	2169688	27.80	ng/ul	0.00

Target Compounds

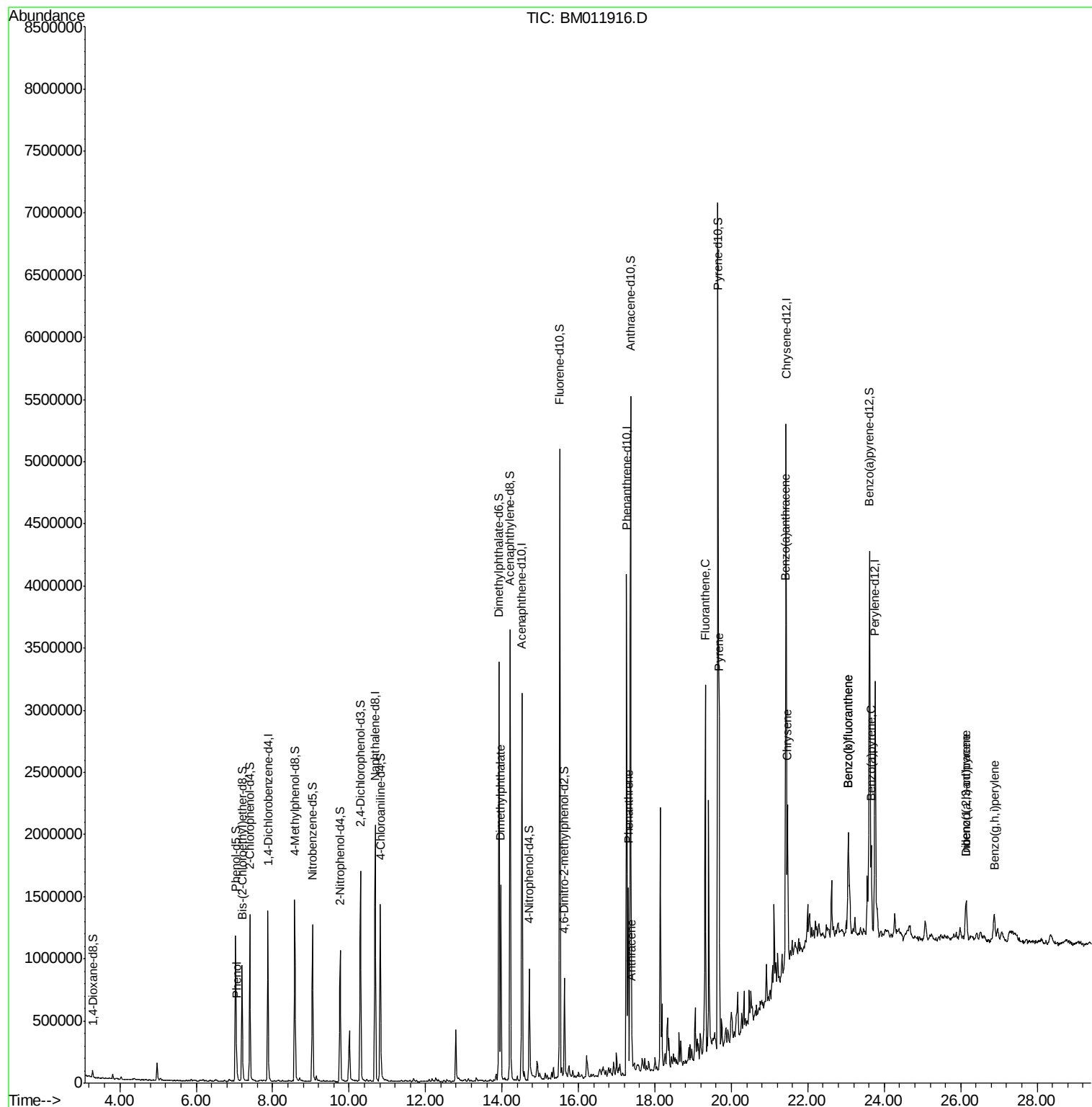
				Ovalue	
6) Phenol	7.06	94	53984	1.695	ng/ul 91
44) Dimethylphthalate	13.97	163	979405	11.324	ng/ul 100
69) Phenanthrene	17.30	178	910449	7.206	ng/ul 99
71) Anthracene	17.39	178	183592	1.428	ng/ul 97
74) Fluoranthene	19.32	202	1622575	10.526	ng/ul# 90
77) Pyrene	19.68	202	1522314	14.662	ng/ul# 91
80) Benzo(a)anthracene	21.42	228	675107	6.293	ng/ul 97
82) Chrysene	21.47	228	690498	6.774	ng/ul 95
85) Benzo(b)fluoranthene	23.06	252	724510	7.347	ng/ul# 96
86) Benzo(k)fluoranthene	23.06	252	724510	7.359	ng/ul# 94
88) Benzo(a)pyrene	23.66	252	509435	5.376	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	26.14	276	331059	3.265	ng/ul# 95
90) Dibenzo(a,h)anthracene	26.14	278	84696	1.017	ng/ul# 69
91) Benzo(g,h,i)perylene	26.87	276	281969	3.362	ng/ul# 92

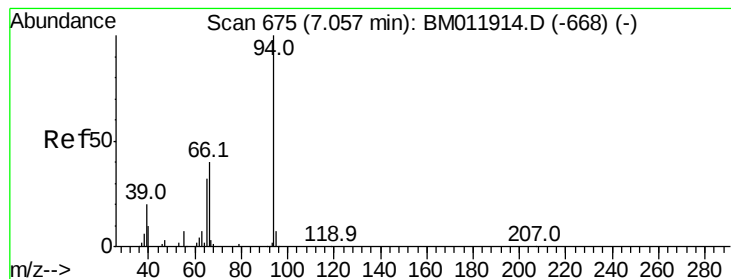
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011916.D
Acq On : 05 Oct 2017 06:44
Operator : SJ/JU
Sample : I5414-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 05 08:38:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 08:36:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.695 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Instrument :

BNA_M

ClientSampleId :

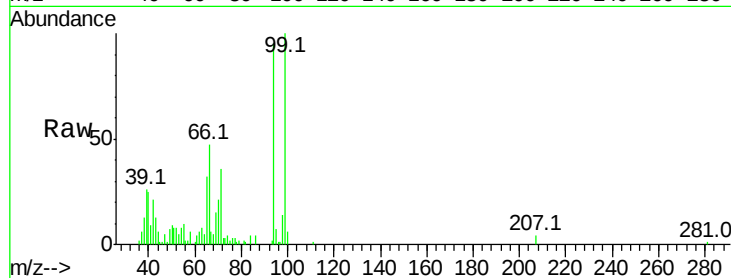
Tot Ion: 94 Resp: 53984

Ion Ratio Lower Upper

94 100

65 33.4 28.2 42.4

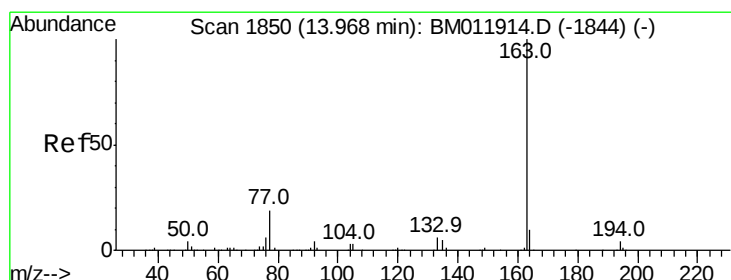
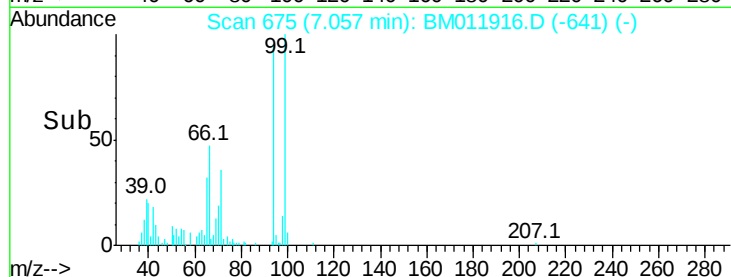
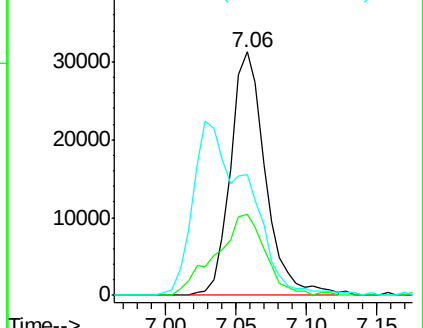
66 49.6 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM011916.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM011916.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM011916.D (-668) (-)



#44

Dimethylphthalate

Concen: 11.324 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

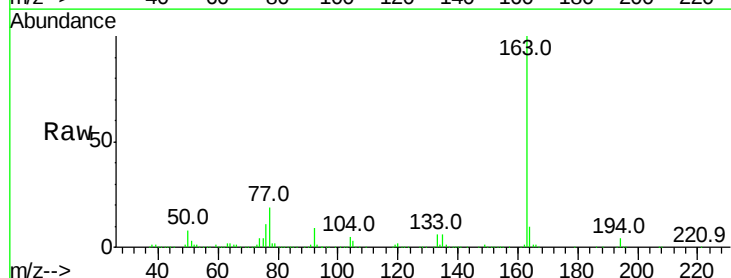
Tgt Ion: 163 Resp: 979405

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

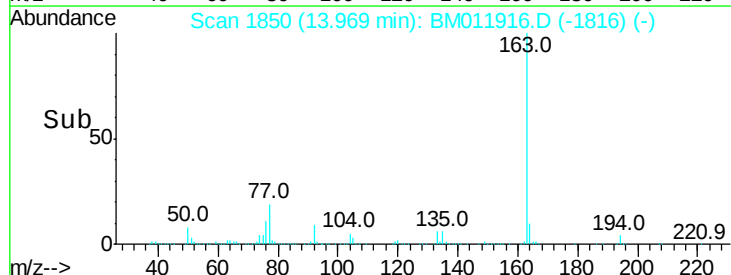
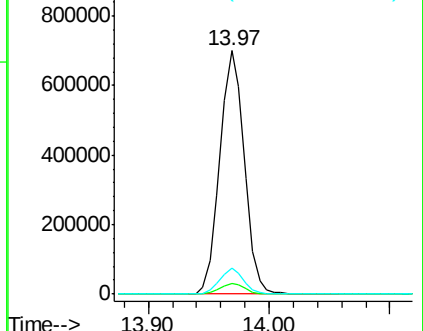
164 10.4 8.2 12.4

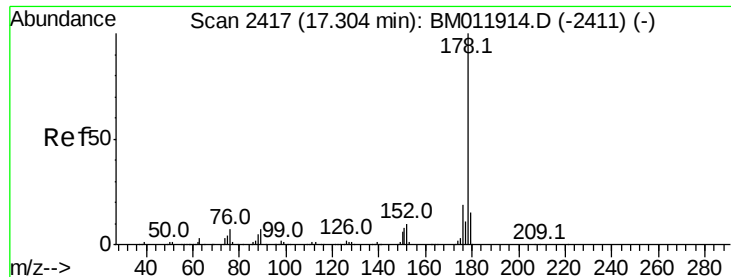


Abundance Ion 163.00 (162.70 to 163.70): BM011916.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM011916.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM011916.D (-1816) (-)





#69

Phenanthrene

Concen: 7.206 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Instrument :

BNA_M

ClientSampleId :

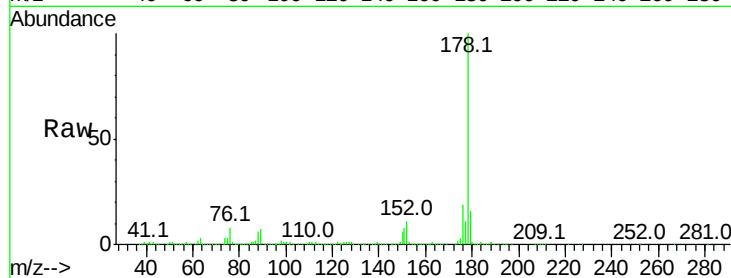
Tot Ion:178 Resp: 910449

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.1	14.9	22.3

178 100

179 15.7 12.6 19.0

176 19.1 14.9 22.3

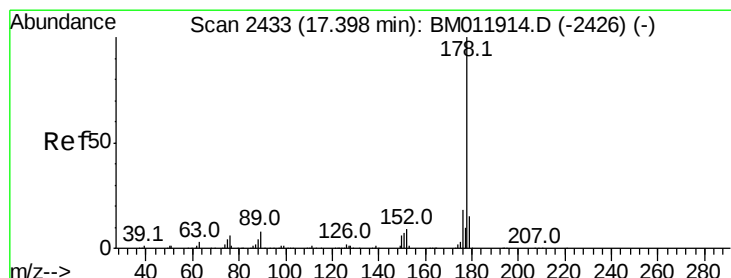
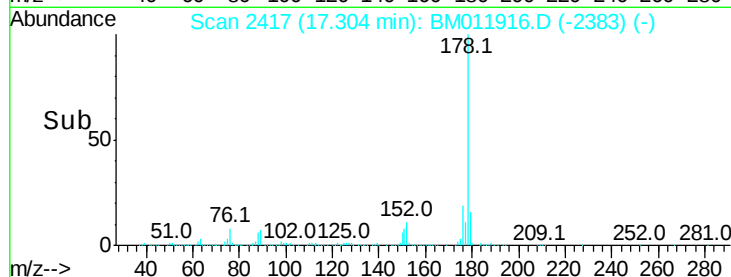
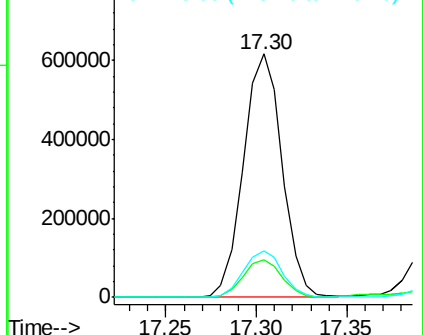


Abundance

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: 1.428 ng/ul

RT: 17.39 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

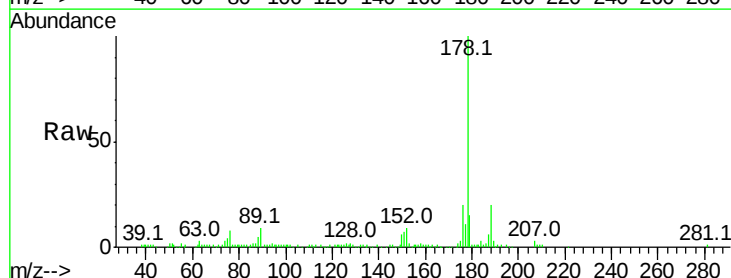
Tgt Ion:178 Resp: 183592

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	20.1	14.6	21.8

178 100

179 15.5 11.7 17.5

176 20.1 14.6 21.8

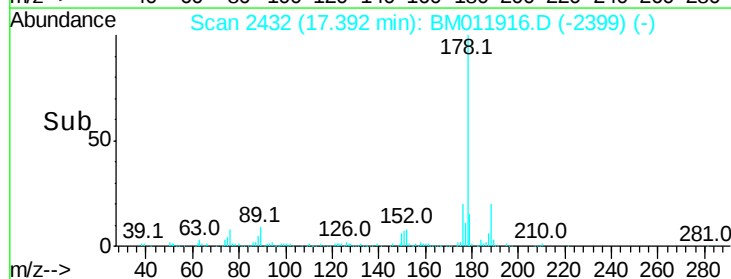
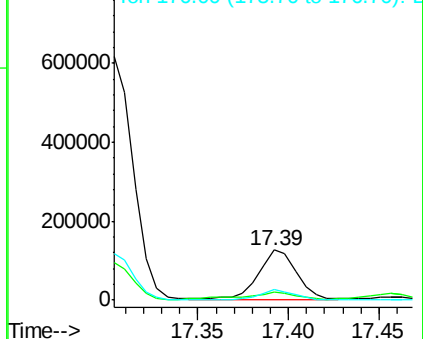


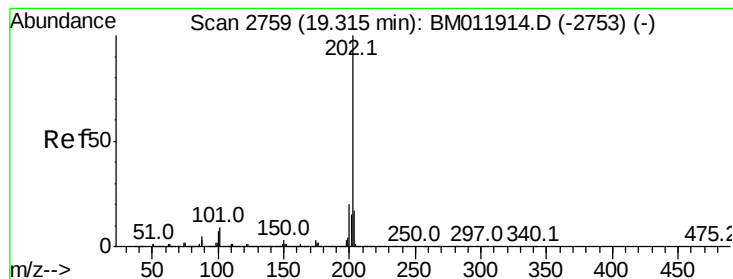
Abundance

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: 10.526 ng/ul

RT: 19.32 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Instrument :

BNA_M

ClientSampleId :

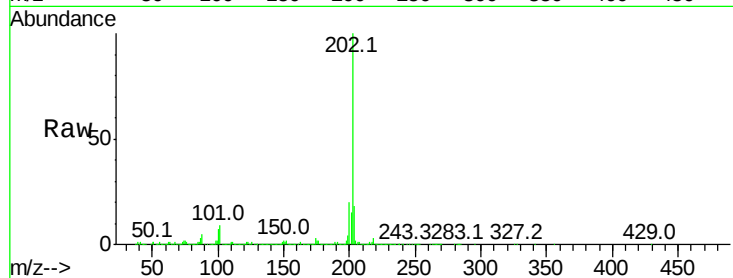
Tot Ion:202 Resp: 1622575

Ion Ratio Lower Upper

202 100

101 9.3 4.6 7.0#

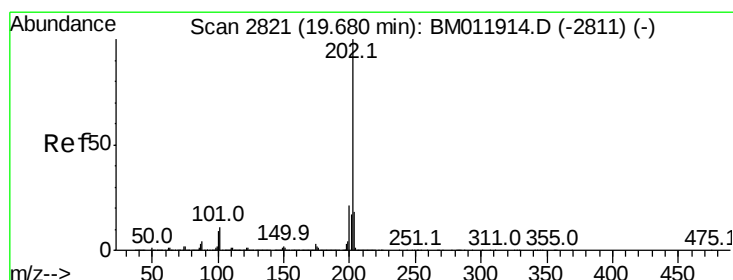
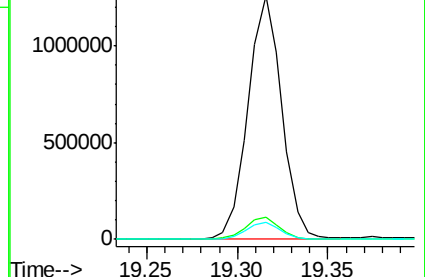
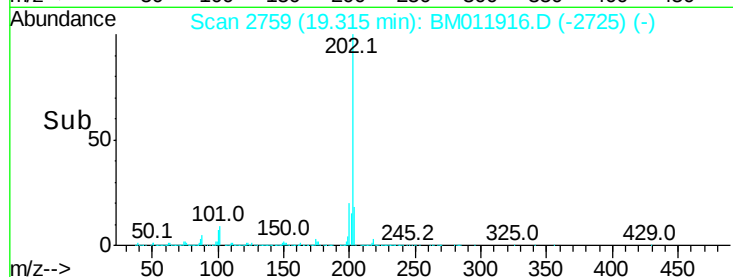
100 7.0 3.4 5.2#



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

Pyrene

Concen: 14.662 ng/ul

RT: 19.68 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

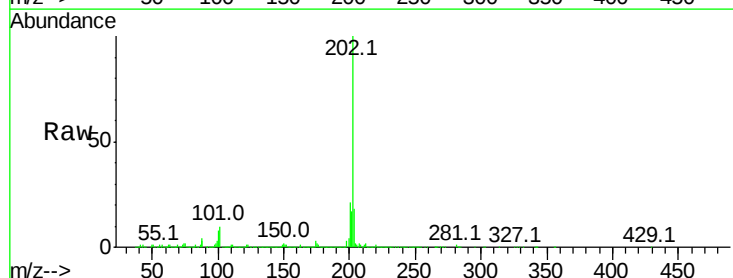
Tgt Ion:202 Resp: 1522314

Ion Ratio Lower Upper

202 100

101 10.4 5.1 7.7#

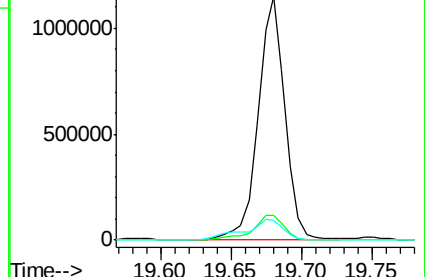
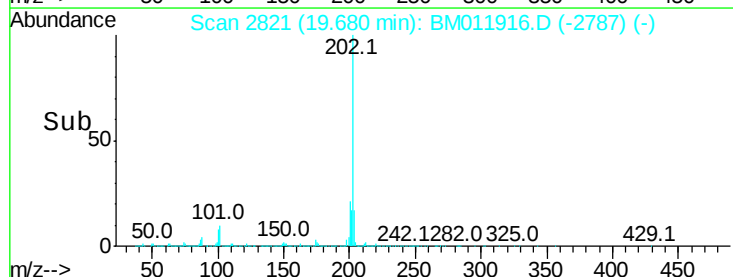
100 8.3 4.9 7.3#

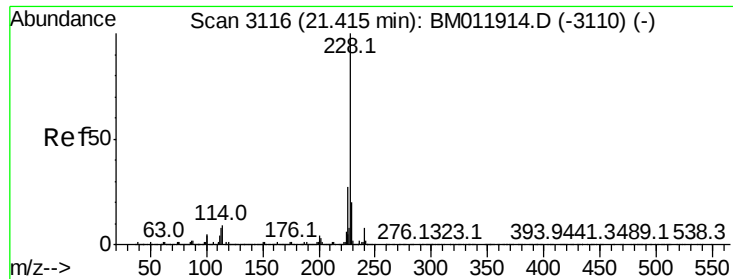


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

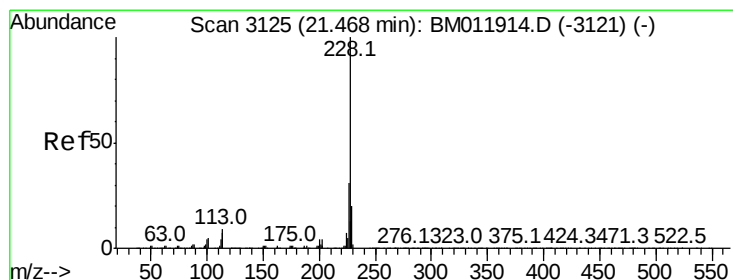
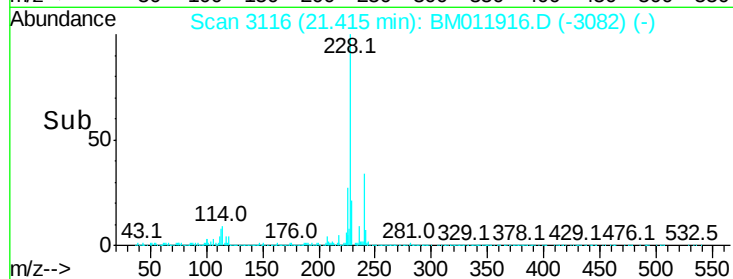
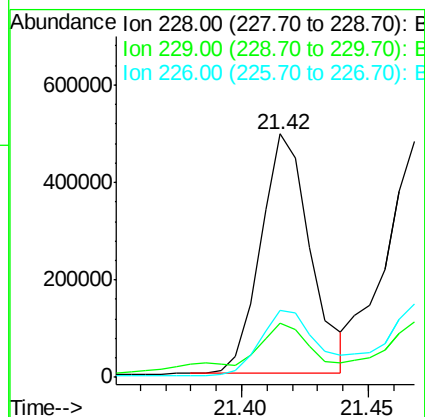
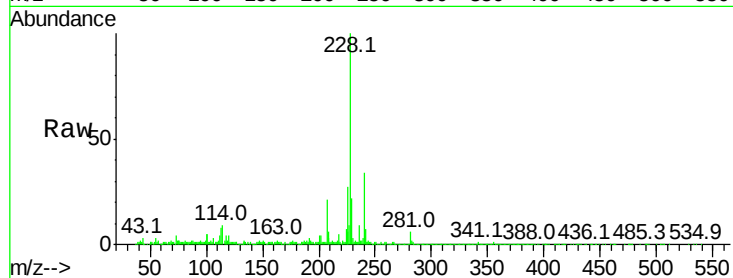




#80
Benzo(a)anthracene
Concen: 6.293 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

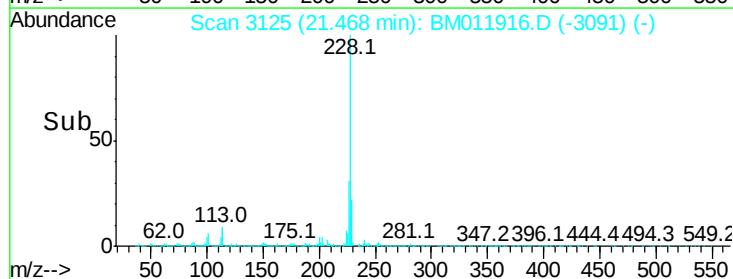
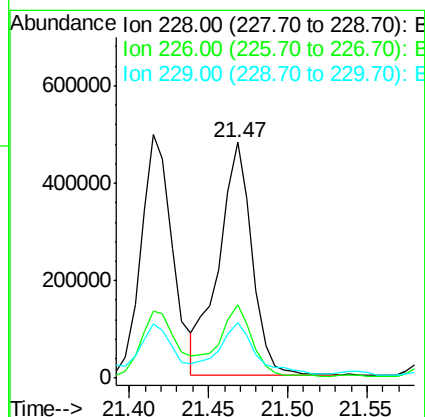
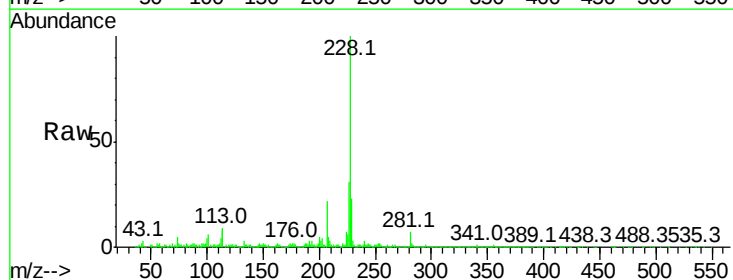
Instrument :
BNA_M
ClientSampleId :

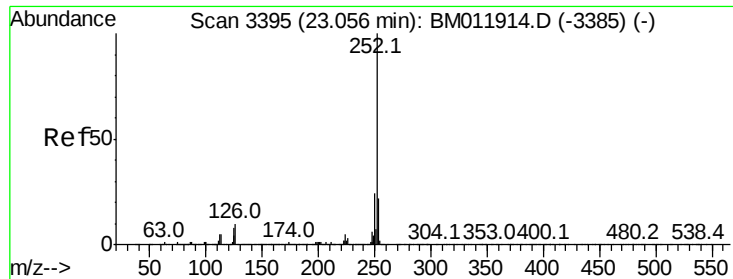
Tot Ion:228 Resp: 675107
Ion Ratio Lower Upper
228 100
229 22.2 15.4 23.0
226 27.3 21.4 32.0



#82
Chrysene
Concen: 6.774 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Tgt Ion:228 Resp: 690498
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.2
229 23.3 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 7.347 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Instrument :

BNA_M

ClientSampleId :

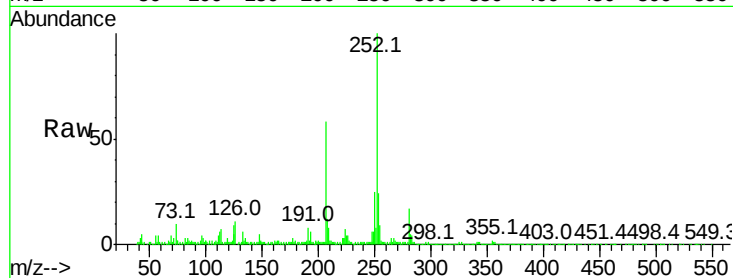
Tot Ion:252 Resp: 724510

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

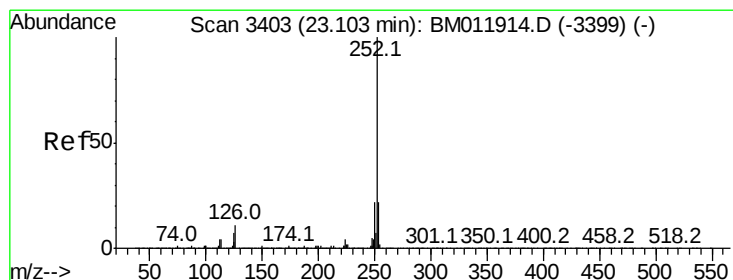
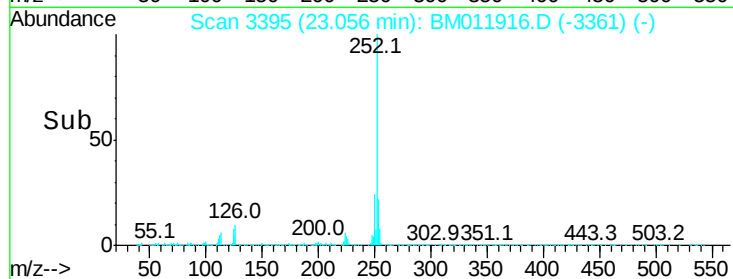
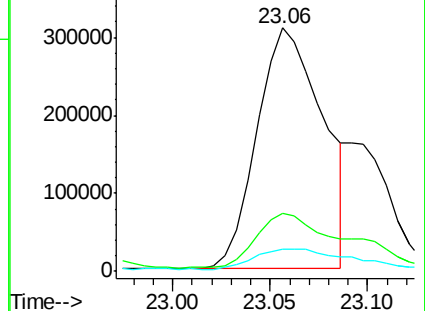
125 9.0 3.6 5.4#



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: 7.359 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. -0.05 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

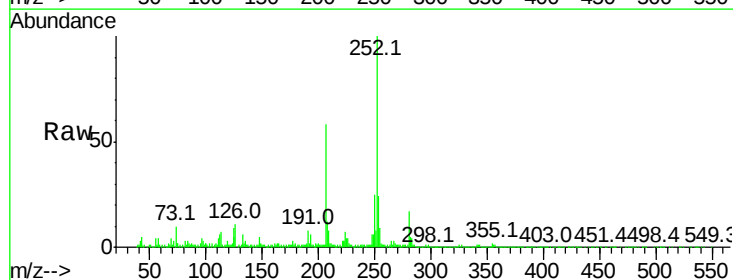
Tgt Ion:252 Resp: 724510

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

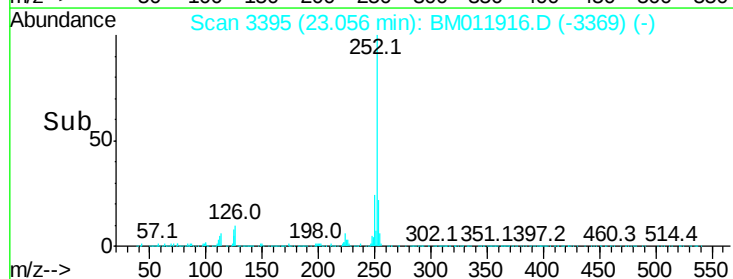
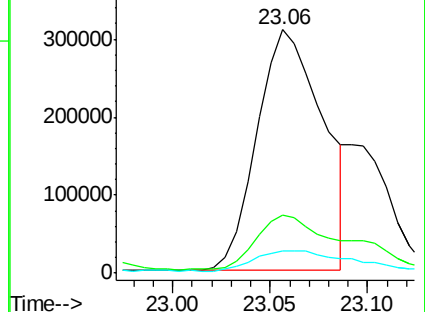
125 9.0 3.4 5.2#

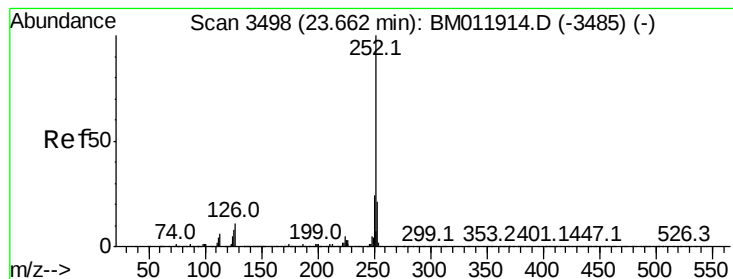


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.376 ng/ul

RT: 23.66 min Scan# 3498

Delta R.T. 0.00 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

Instrument :

BNA_M

ClientSampleId :

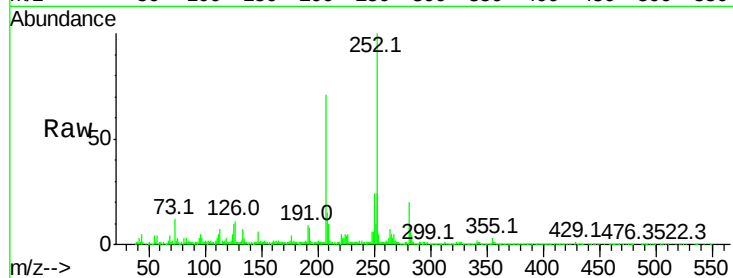
Tot Ion:252 Resp: 509435

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

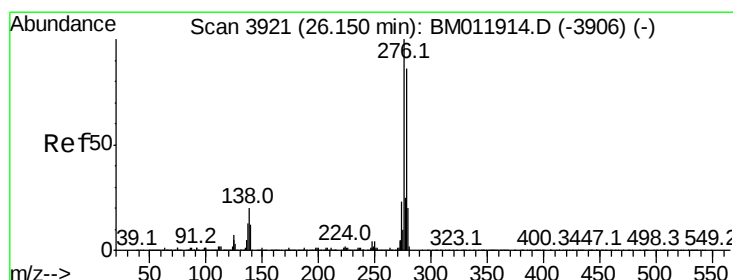
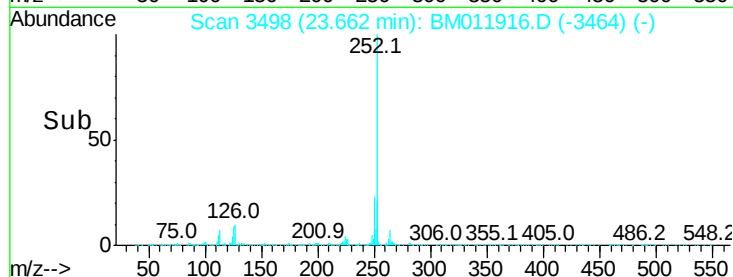
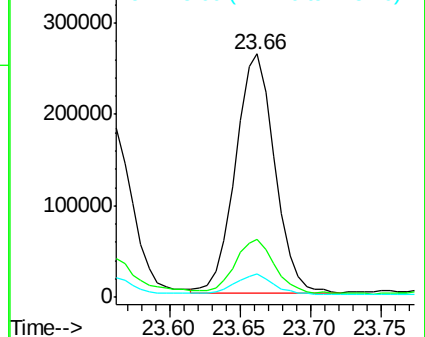
125 9.9 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.265 ng/ul

RT: 26.14 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM011916.D

Acq: 05 Oct 2017 06:44

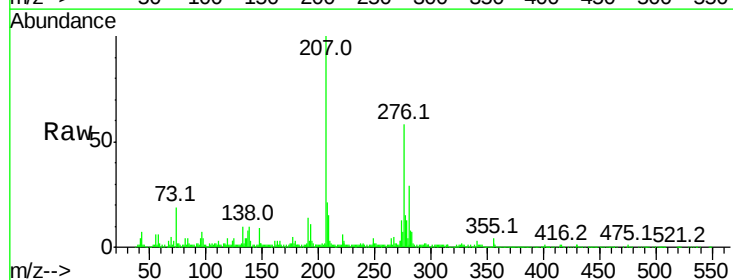
Tgt Ion:276 Resp: 331059

Ion Ratio Lower Upper

276 100

138 17.4 9.3 13.9#

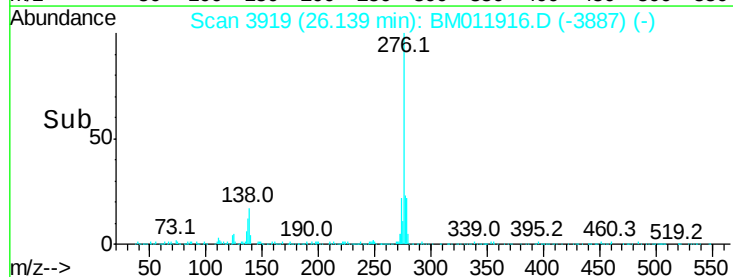
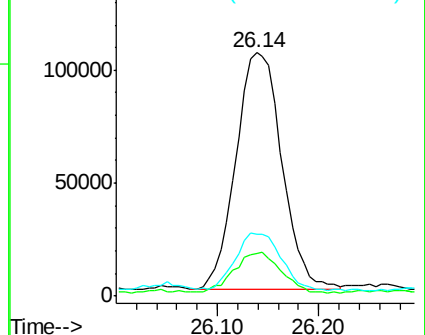
277 25.2 19.9 29.9

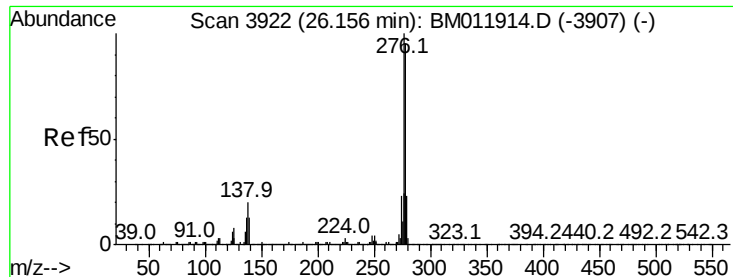


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

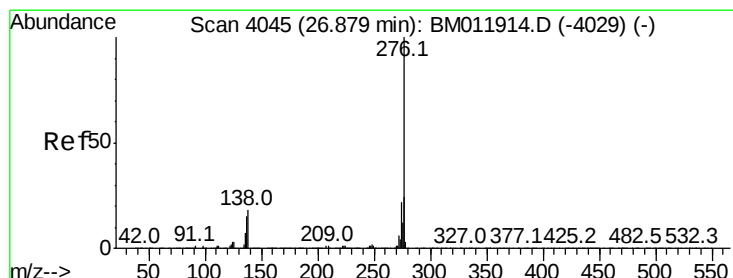
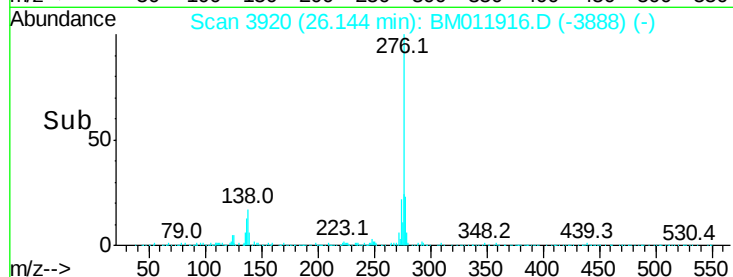
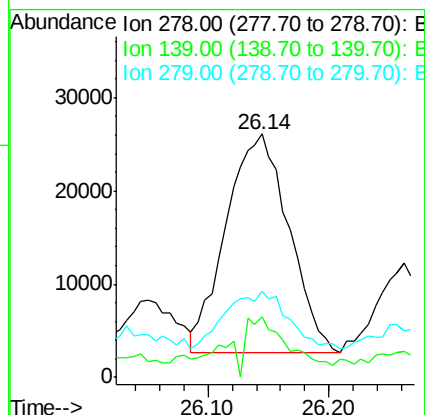
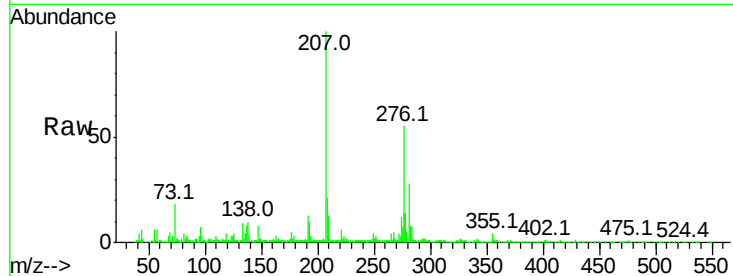




#90
Dibenzo(a,h)anthracene
Concen: 1.017 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 84696
Ion Ratio Lower Upper
278 100
139 24.7 5.8 8.8#
279 35.5 18.6 27.8#



#91
Benzo(g,h,i)perylene
Concen: 3.362 ng/ul
RT: 26.87 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BM011916.D
Acq: 05 Oct 2017 06:44

Tgt Ion:276 Resp: 281969
Ion Ratio Lower Upper
276 100
138 18.7 8.5 12.7#
277 24.1 18.6 28.0

