

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
 Data File : BM006804.D
 Acq On : 01 Aug 2016 00:43
 Operator : UM/SJ
 Sample : H4190-04
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 04:30:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	232315	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	974012	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	534449	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1185113	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1283075	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1380674	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	4888	0.85	ng/uL	0.00
3) Phenol-d5	6.79	99	206963	10.47	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	144935	11.84	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	174974	11.08	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	128713	8.40	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	87344	11.85	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	94236	12.02	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	164673	11.11	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	153410	9.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	505293	12.06	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	663806	12.41	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	56916	7.82	ng/ul	0.01
21) Fluorene-d10	15.26	176	462816	12.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	38805	6.31	ng/ul	0.00
26) Anthracene-d10	17.11	188	696122	12.37	ng/ul	0.00
30) Pyrene-d10	19.42	212	795263	13.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	804274	12.66	ng/ul	0.00

Target Compounds

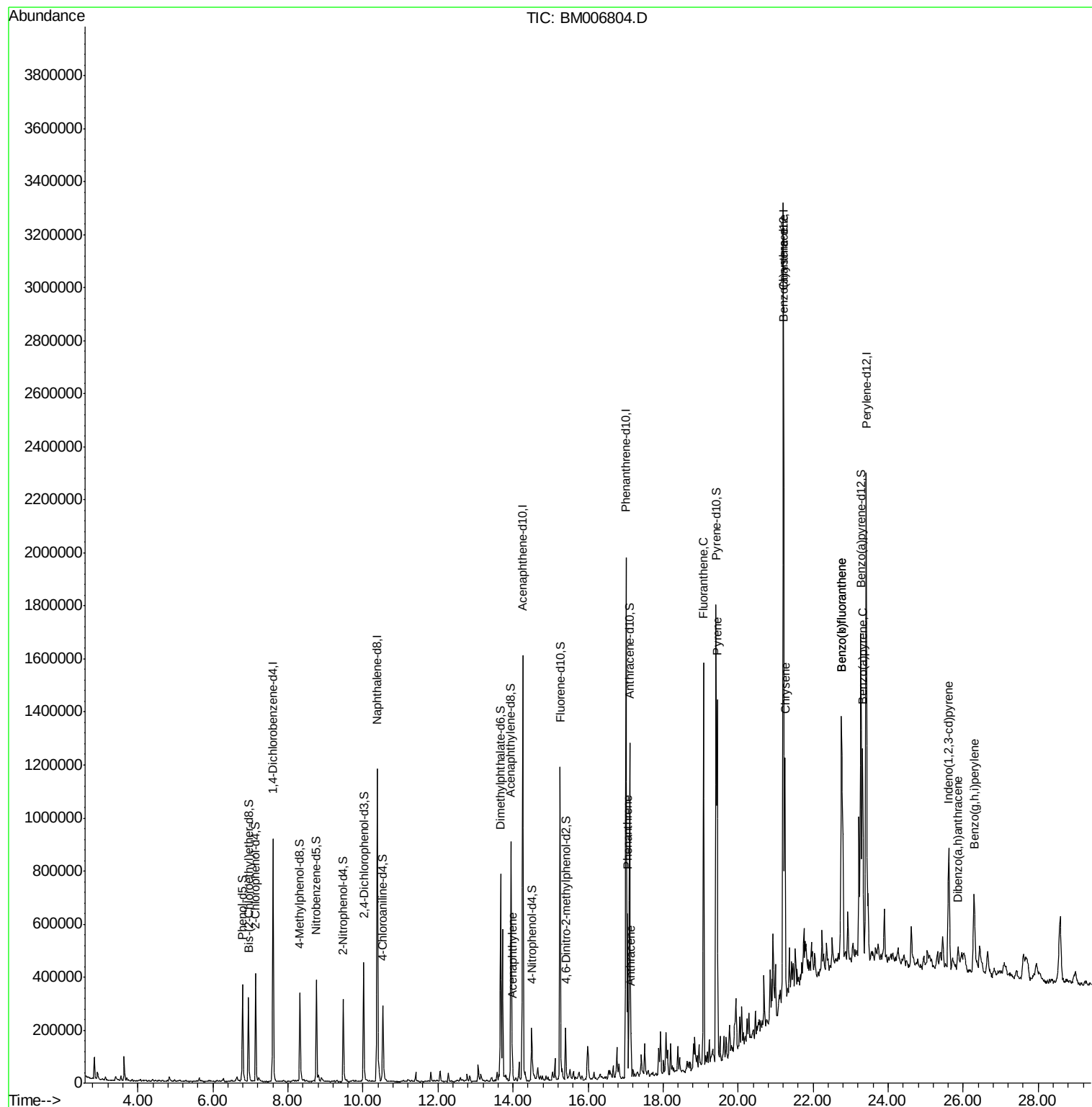
						Ovalue
18) Acenaphthylene	13.98	152	69436	1.21	ng/ul	98
25) Phenanthrene	17.05	178	363434	5.45	ng/ul	99
27) Anthracene	17.14	178	99943	1.46	ng/ul	98
28) Fluoranthene	19.08	202	952845	12.17	ng/ul	96
31) Pyrene	19.44	202	822767	10.59	ng/ul	97
32) Benzo(a)anthracene	21.20	228	539212	6.93	ng/ul	97
33) Chrysene	21.25	228	539799	7.53	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	815865	9.86	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	815865	10.19	ng/ul	98
38) Benzo(a)pyrene	23.32	252	555931	6.90	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.62	276	422759	4.53	ng/ul	98
40) Dibenzo(a,h)anthracene	25.87	278	85680	1.11	ng/ul	97
41) Benzo(g,h,i)perylene	26.30	276	384723	4.81	ng/ul	98

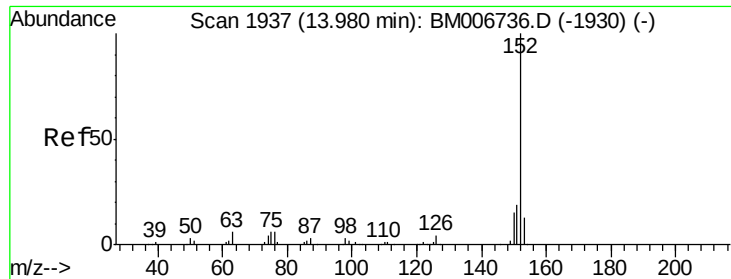
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006804.D
Acq On : 01 Aug 2016 00:43
Operator : UM/SJ
Sample : H4190-04
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 04:30:19 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration





#18

Acenaphthylene

Concen: 1.21 ng/ul

RT: 13.98 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

Instrument :

BNA_M

ClientSampled :

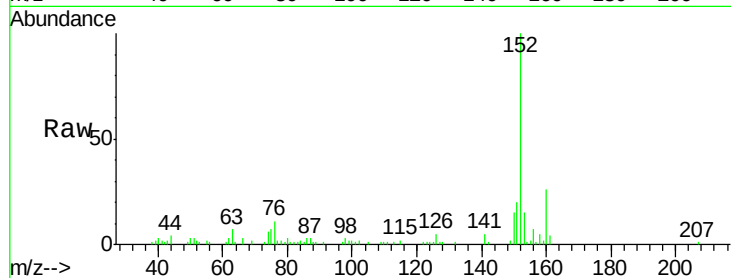
Tot Ion:152 Resp: 69436

Ion Ratio Lower Upper

152 100

151 20.4 17.3 25.9

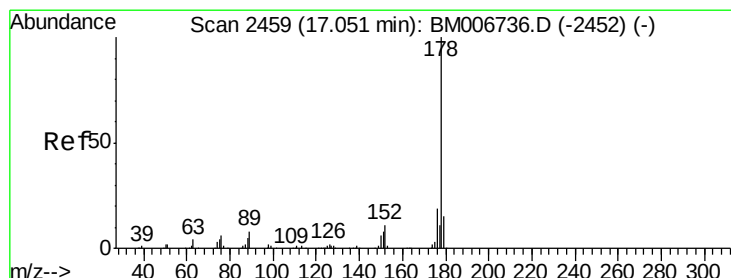
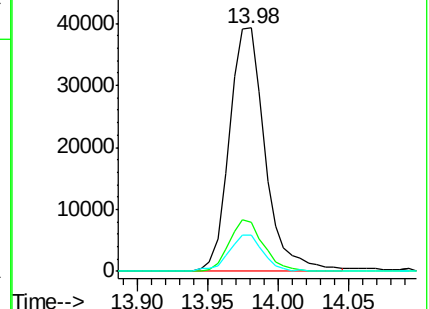
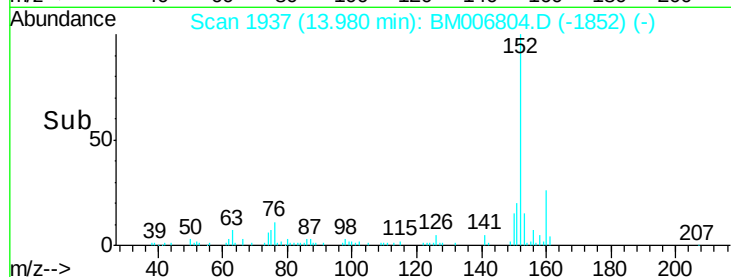
153 14.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#25

Phenanthrene

Concen: 5.45 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

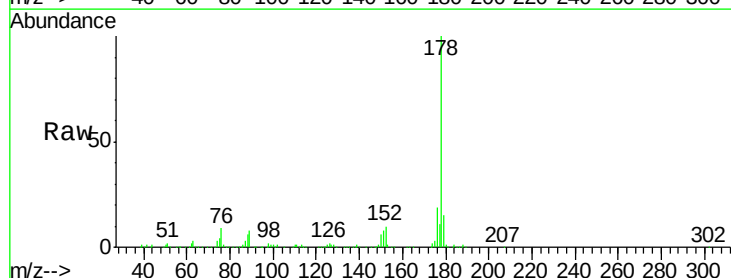
Tgt Ion:178 Resp: 363434

Ion Ratio Lower Upper

178 100

179 14.6 11.8 17.8

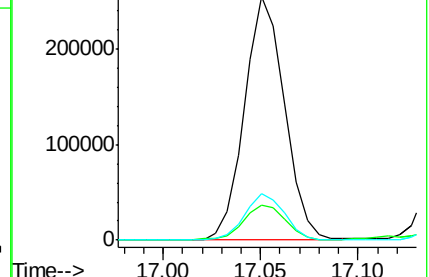
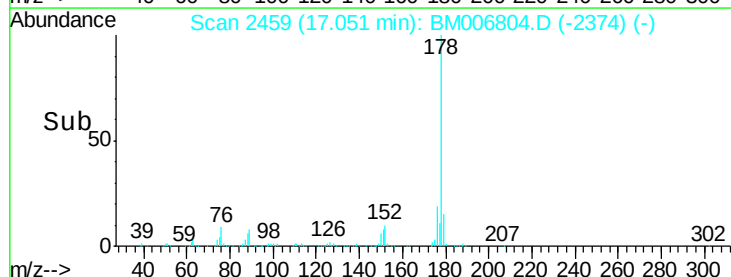
176 19.2 14.8 22.2

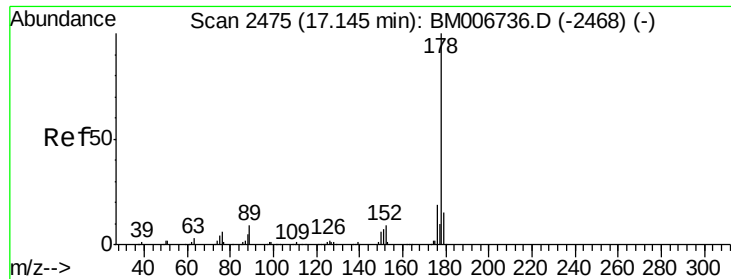


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

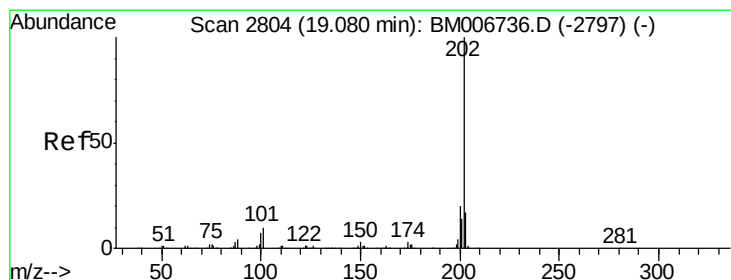
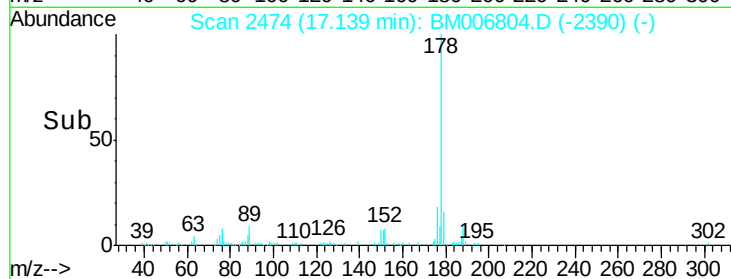
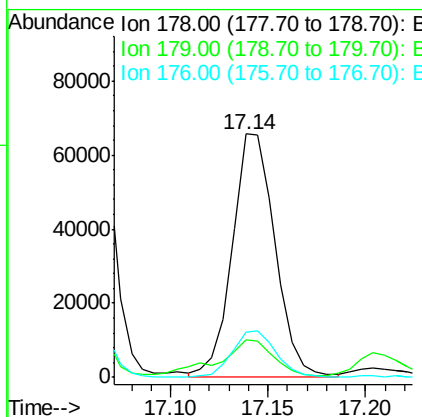
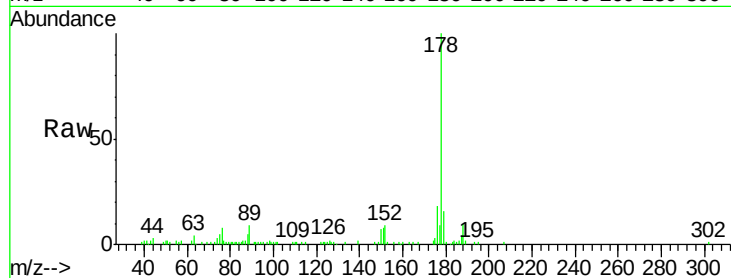




#27
 Anthracene
 Concen: 1.46 ng/ul
 RT: 17.14 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BM006804.D
 Acq: 01 Aug 2016 00:43

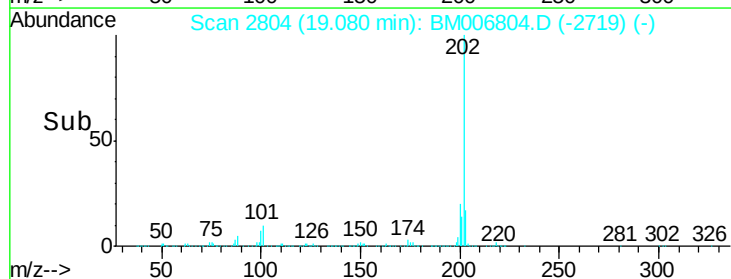
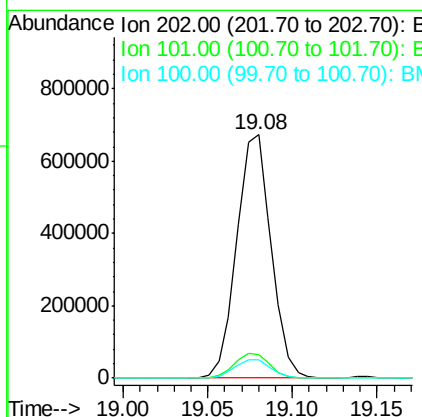
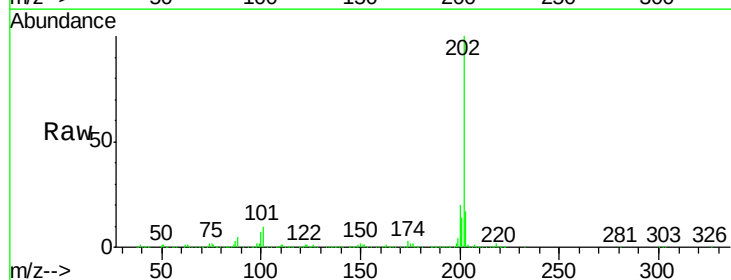
Instrument :
 BNA_M
 ClientSampleId :

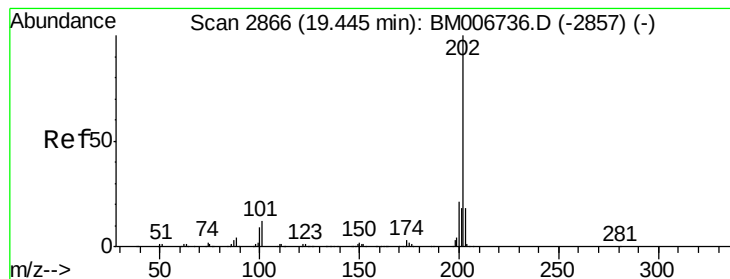
Tot Ion:178 Resp: 99943
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.9 19.3
 176 18.3 15.6 23.4



#28
 Fluoranthene
 Concen: 12.17 ng/ul
 RT: 19.08 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BM006804.D
 Acq: 01 Aug 2016 00:43

Tgt Ion:202 Resp: 952845
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.9 13.3
 100 7.4 7.0 10.4





#31

Pvrene

Concen: 10.59 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

Instrument :

BNA_M

ClientSampleId :

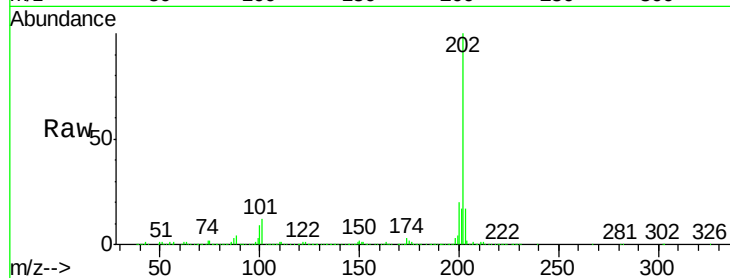
Tot Ion:202 Resp: 822767

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

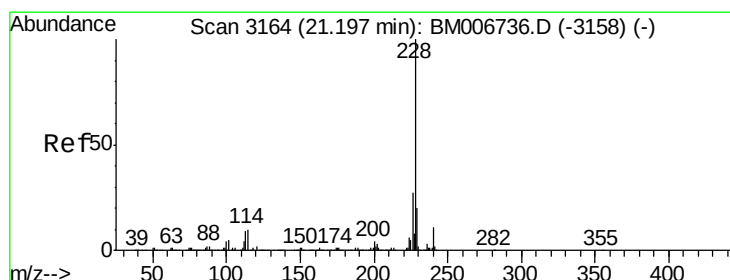
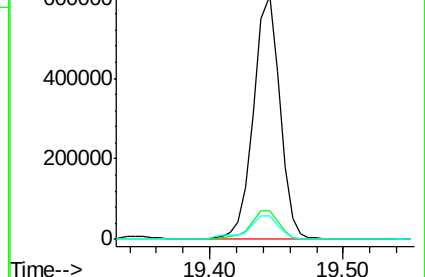
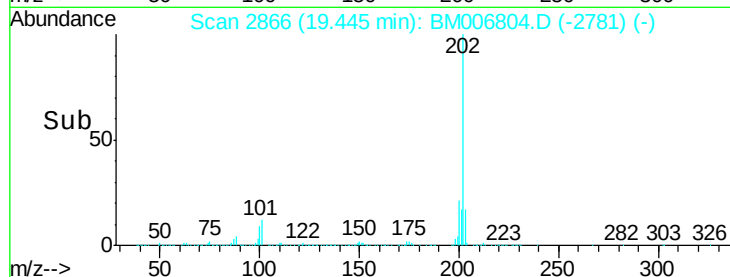
100 9.5 9.3 13.9



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



#32

Benzo(a)anthracene

Concen: 6.93 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

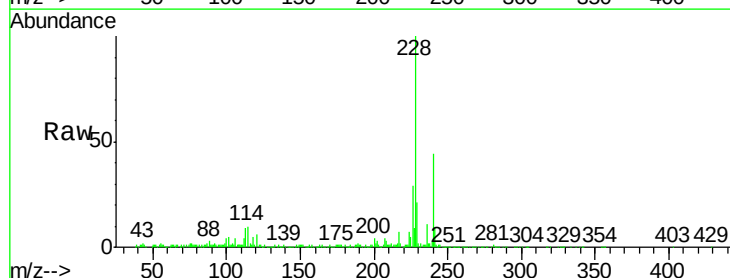
Tgt Ion:228 Resp: 539212

Ion Ratio Lower Upper

228 100

229 21.0 16.6 25.0

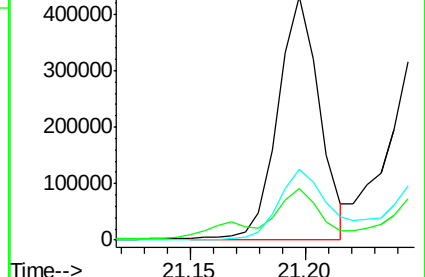
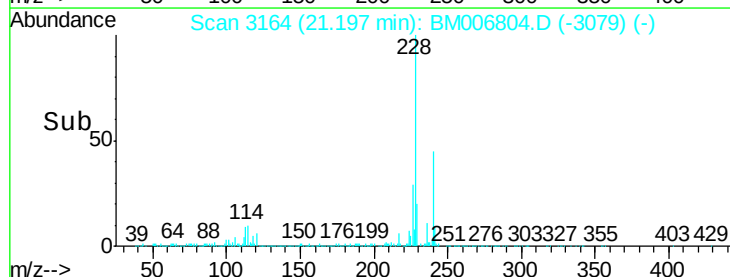
226 29.1 21.0 31.4

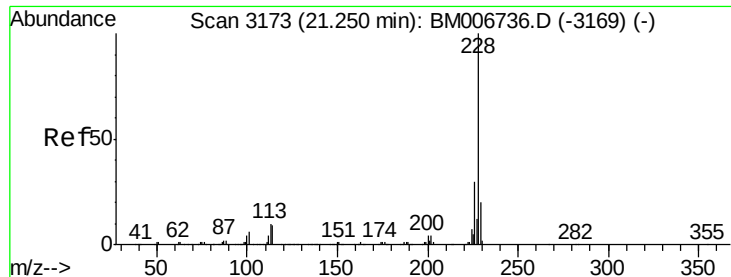


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 7.53 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

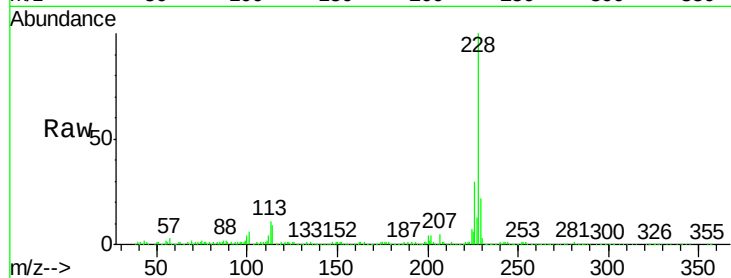
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 539799

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.1	16.2	24.2

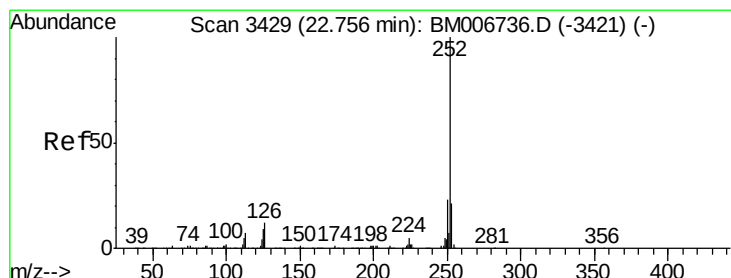
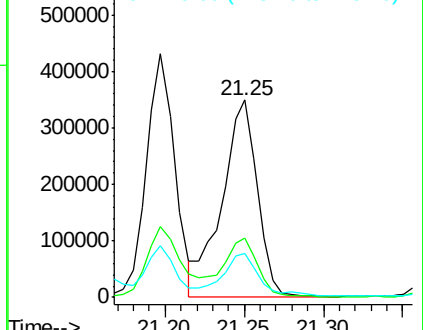
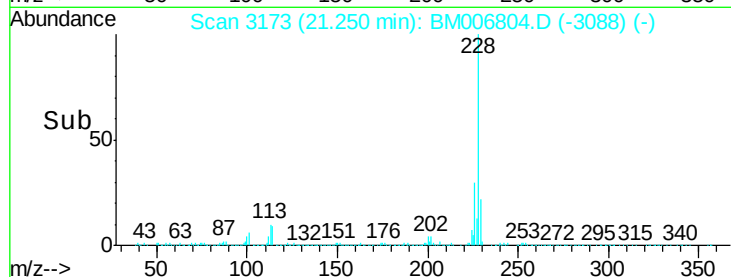


Abundance

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



#35

Benzo(b)fluoranthene

Concen: 9.86 ng/ul

RT: 22.76 min Scan# 3429

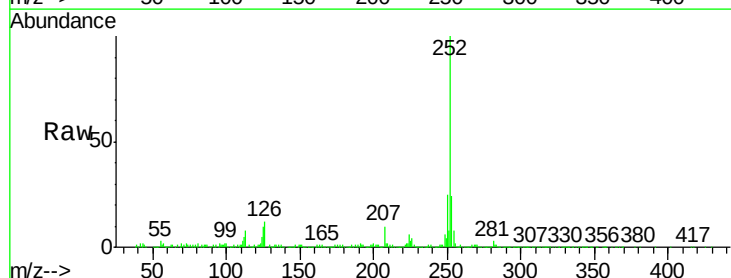
Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

Tgt Ion:252 Resp: 815865

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	9.6	7.6	11.4

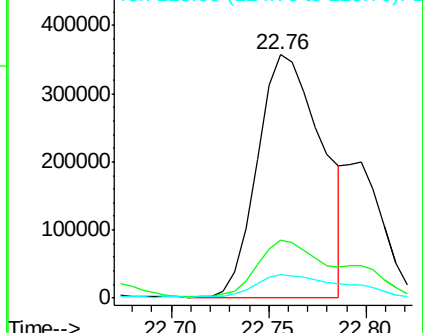
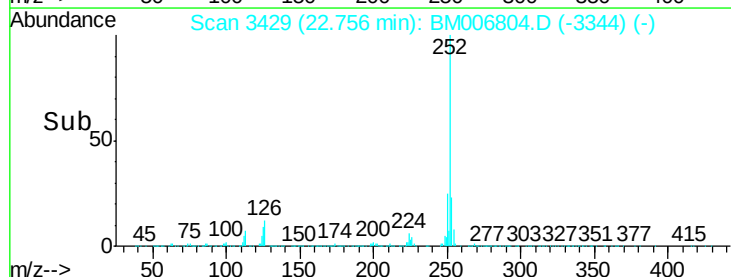


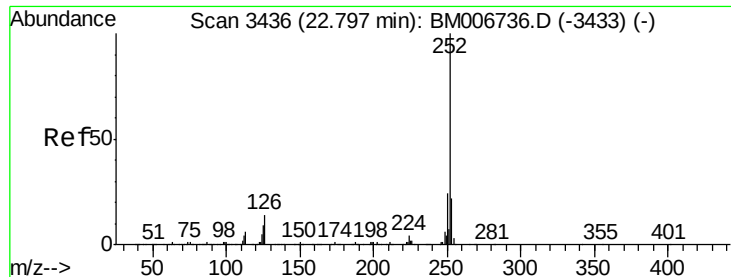
Abundance

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





#36

Benzo(k)fluoranthene

Concen: 10.19 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. -0.04 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

Instrument :

BNA_M

ClientSampled :

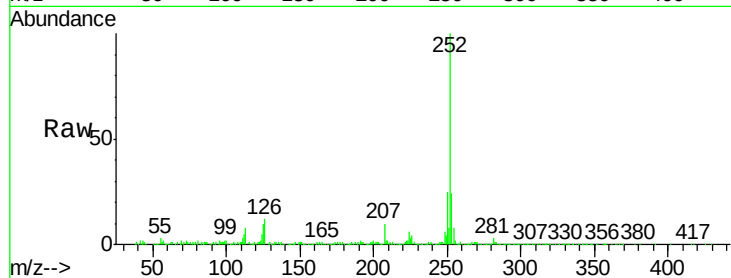
Tot Ion:252 Resp: 815865

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

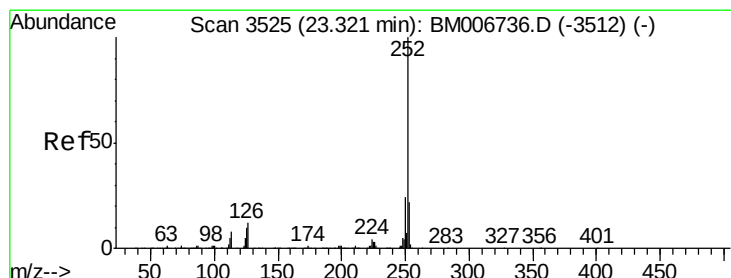
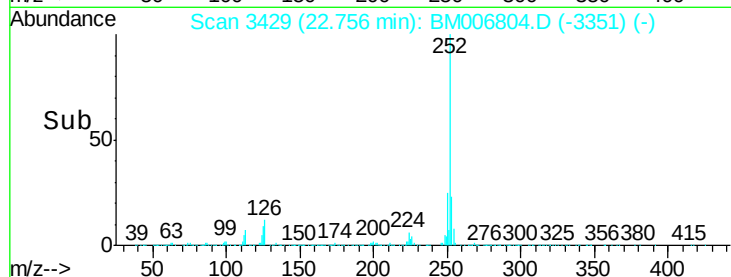
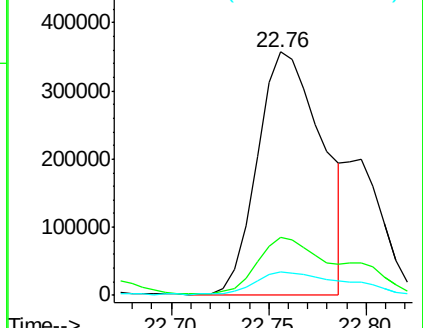
125 9.6 7.7 11.5



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



#38

Benzo(a)pyrene

Concen: 6.90 ng/ul

RT: 23.32 min Scan# 3525

Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

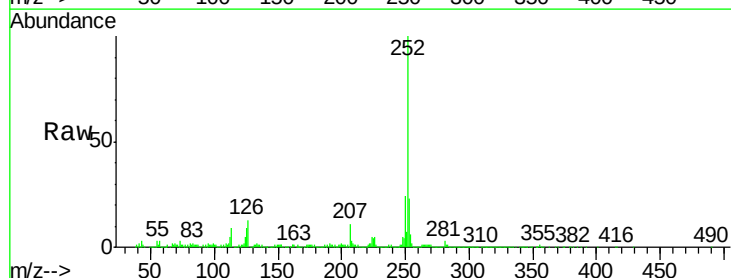
Tgt Ion:252 Resp: 555931

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

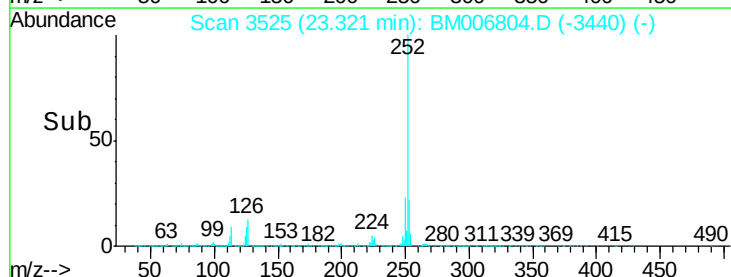
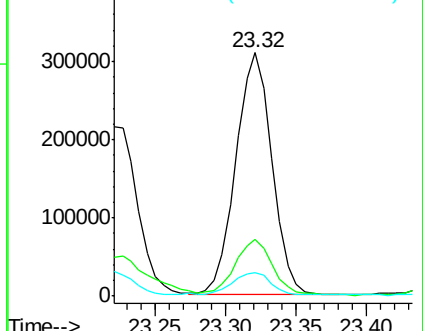
125 9.5 8.2 12.2

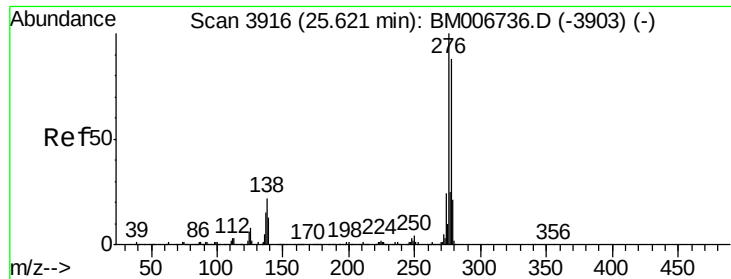


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 4.53 ng/ul

RT: 25.62 min Scan# 3916

Delta R.T. -0.00 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

Instrument :

BNA_M

ClientSampleId :

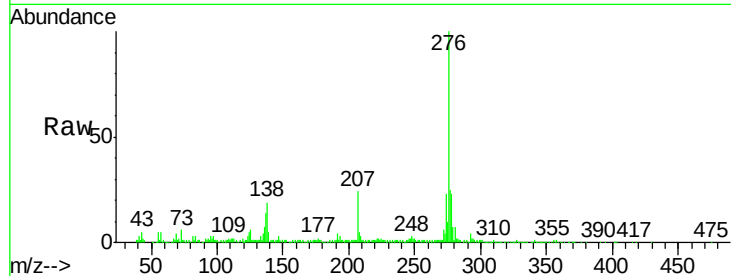
Tot Ion:276 Resp: 422759

Ion Ratio Lower Upper

276 100

138 19.1 15.8 23.6

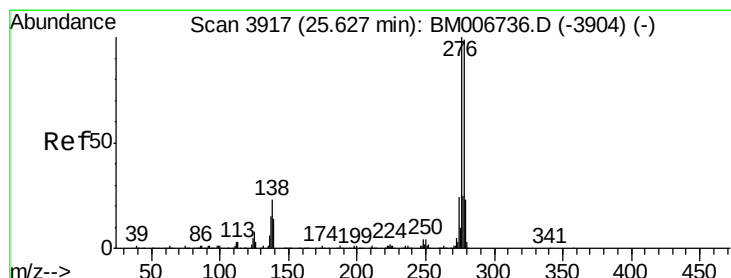
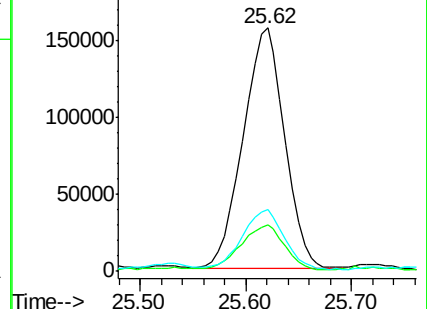
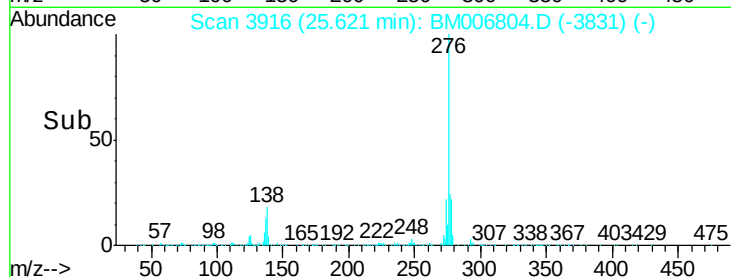
277 25.2 19.0 28.6



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



#40

Dibenzo(a,h)anthracene

Concen: 1.11 ng/ul

RT: 25.87 min Scan# 3958

Delta R.T. 0.24 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

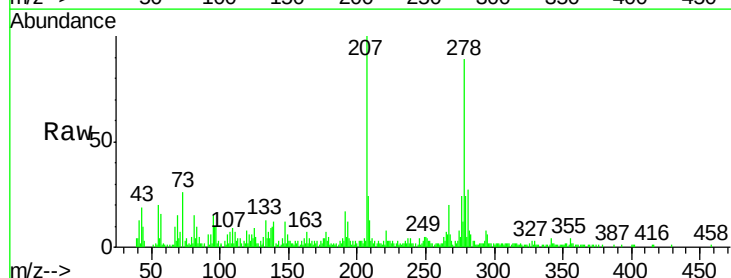
Tgt Ion:278 Resp: 85680

Ion Ratio Lower Upper

278 100

139 14.1 12.1 18.1

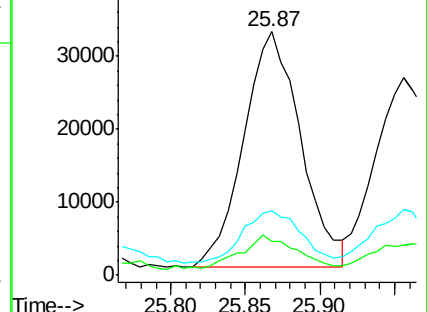
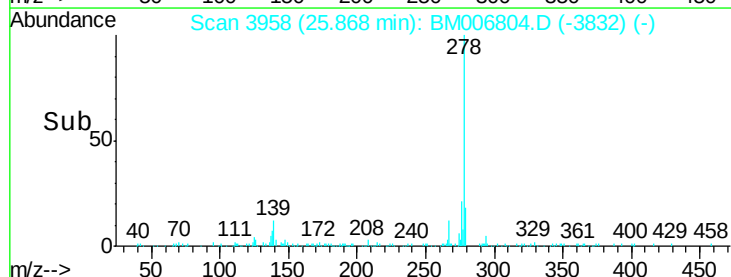
279 26.5 19.8 29.8

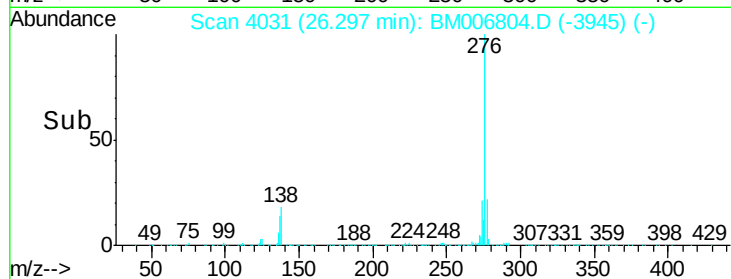
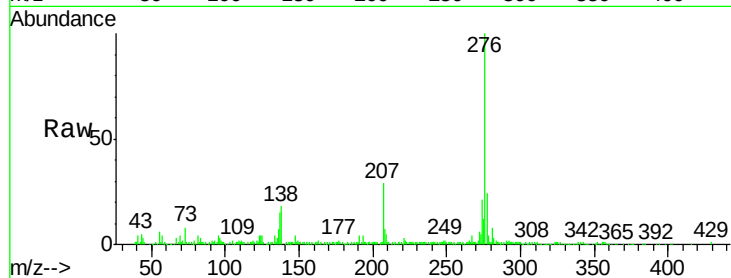
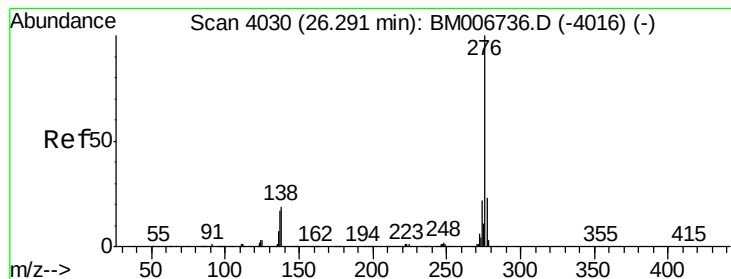


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 4.81 ng/ul

RT: 26.30 min Scan# 4031

Delta R.T. 0.01 min

Lab File: BM006804.D

Acq: 01 Aug 2016 00:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 384723

Ion Ratio Lower Upper

276 100

138 18.2 13.9 20.9

277 23.7 19.8 29.6

