

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073016\
 Data File : BM006737.D
 Acq On : 29 Jul 2016 14:36
 Operator : UM/SJ
 Sample : H4188-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA148

Quant Time: Jul 30 01:47:42 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	82994	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	357268	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	204281	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	461658	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	540572	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	578631	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	4645	2.26	ng/uL	0.00
3) Phenol-d5	6.79	99	206982	29.31	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	129793	29.67	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	161773	28.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	163216	29.81	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	76643	28.34	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	82922	28.83	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	150284	27.65	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	179996	30.07	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	518493	32.37	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	605207	29.60	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	84585	30.41	ng/ul	0.00
21) Fluorene-d10	15.26	176	476548	33.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	63939	26.68	ng/ul	0.00
26) Anthracene-d10	17.11	188	865041	39.46	ng/ul	0.00
30) Pyrene-d10	19.41	212	991438	40.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1077937	40.50	ng/ul	0.00

Target Compounds

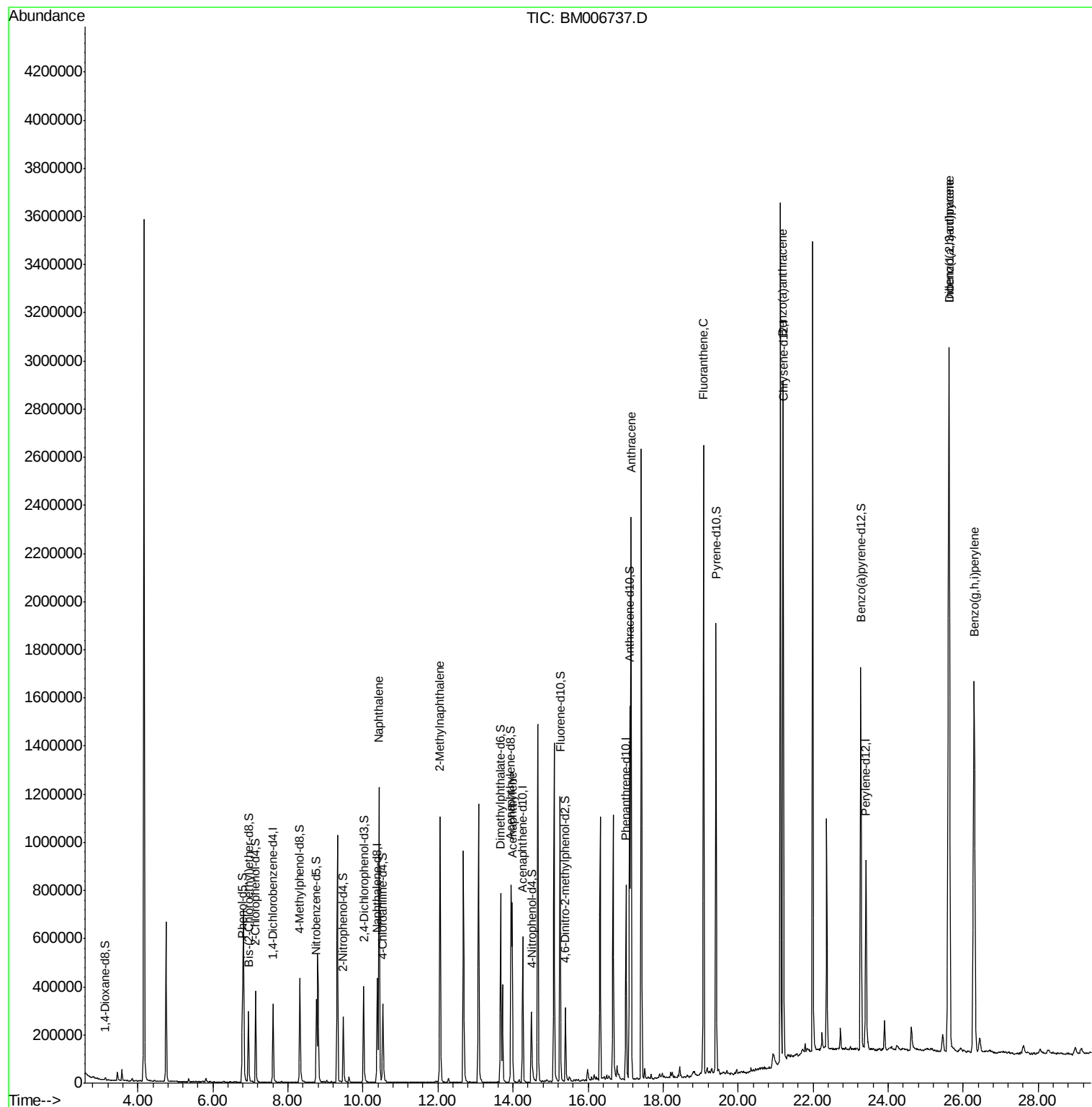
						Qvalue
11) Naphthalene	10.43	128	1015759	55.14	ng/ul	99
13) 2-Methylnaphthalene	12.05	142	564666	41.77	ng/ul	100
18) Acenaphthylene	13.97	152	503059	22.98	ng/ul	97
27) Anthracene	17.14	178	1406441	52.61	ng/ul	98
28) Fluoranthene	19.08	202	1652315	54.17	ng/ul	97
32) Benzo(a)anthracene	21.20	228	1440209	43.96	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.62	276	2088799	53.42	ng/ul	95
40) Dibenzo(a,h)anthracene	25.63	278	1823872	56.28	ng/ul	98
41) Benzo(g,h,i)perylene	26.30	276	1942395	57.96	ng/ul	98

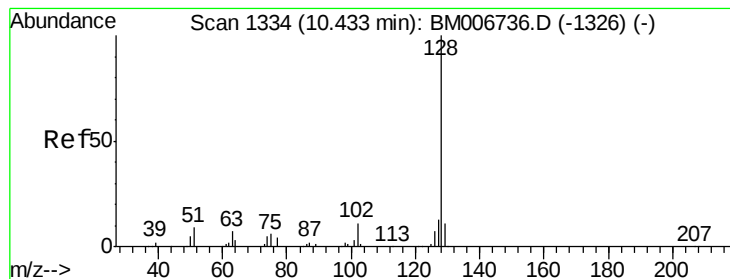
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Naphthalene

Concen: 55.14 ng/ul

RT: 10.43 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

Instrument :

BNA_M

ClientSampleId :

DA148

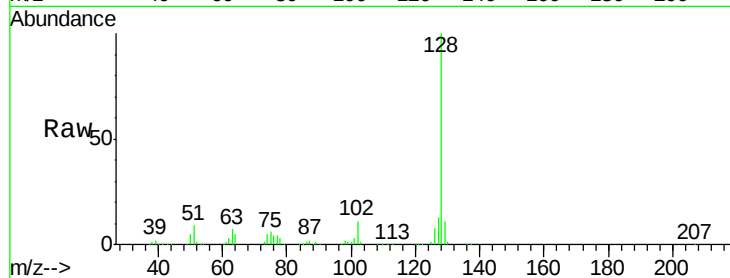
Tgt Ion:128 Resp: 1015759

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

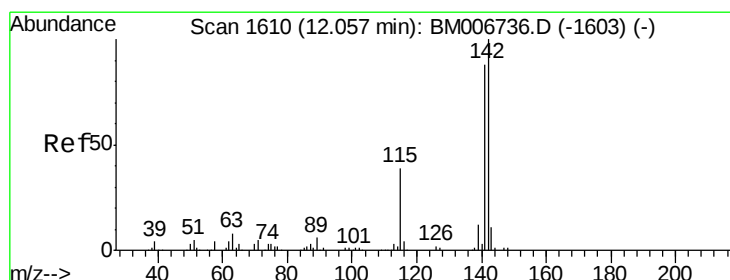
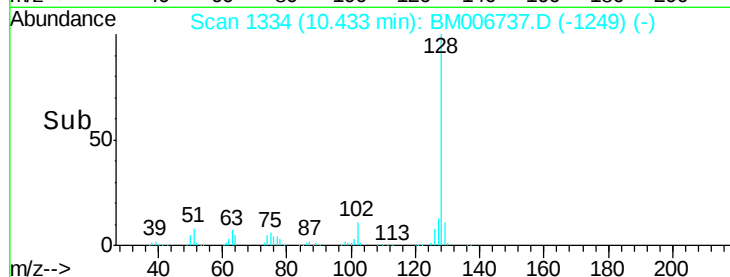
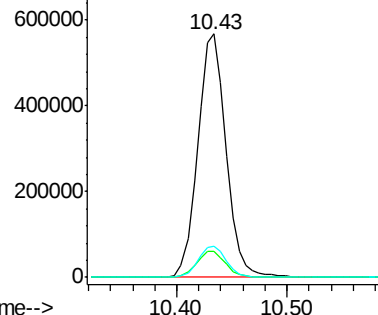
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#13

2-Methylnaphthalene

Concen: 41.77 ng/ul

RT: 12.05 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM006737.D

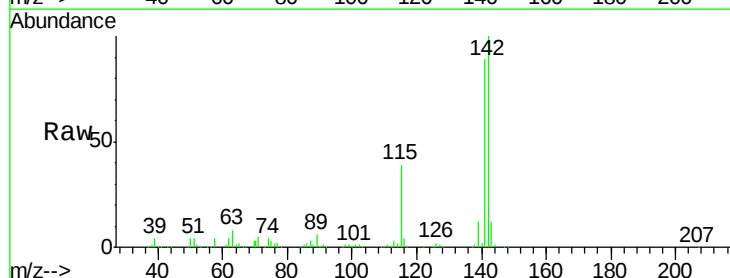
Acq: 29 Jul 2016 14:36

Tgt Ion:142 Resp: 564666

Ion Ratio Lower Upper

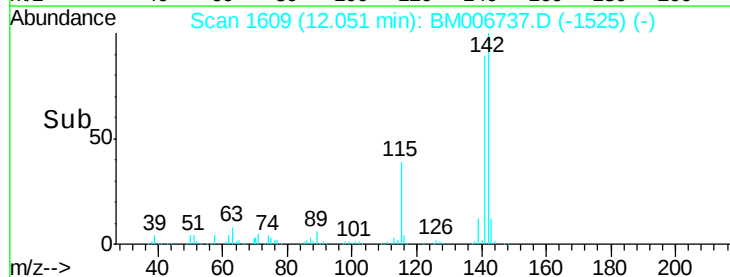
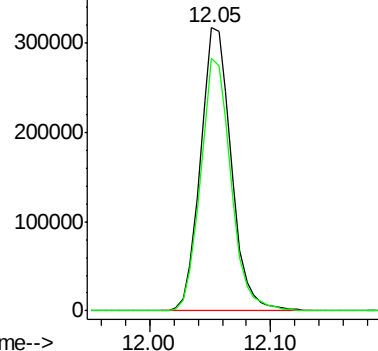
142 100

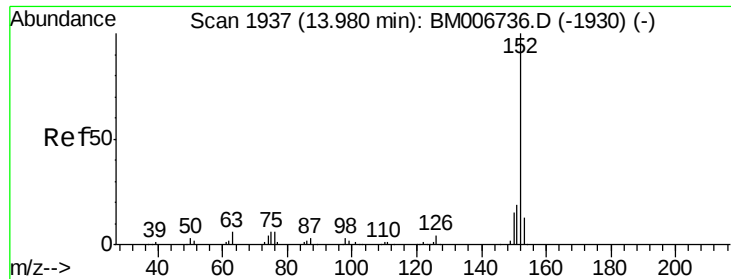
141 89.2 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#18

Acenaphthylene

Concen: 22.98 ng/ul

RT: 13.97 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

Instrument :

BNA_M

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DA148

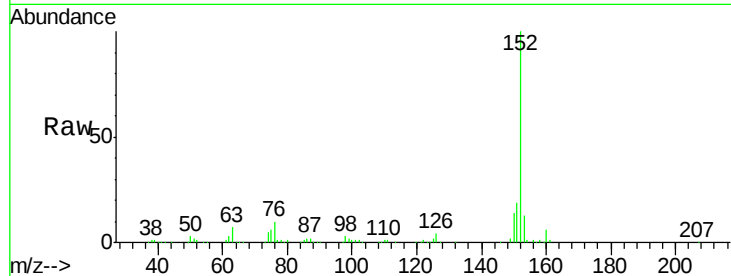
Tgt Ion:152 Resp: 503059

Ion Ratio Lower Upper

152 100

151 19.4 17.3 25.9

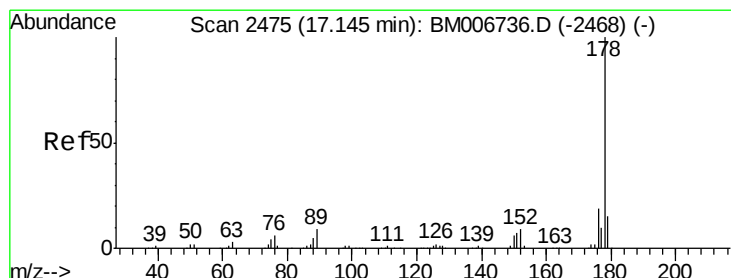
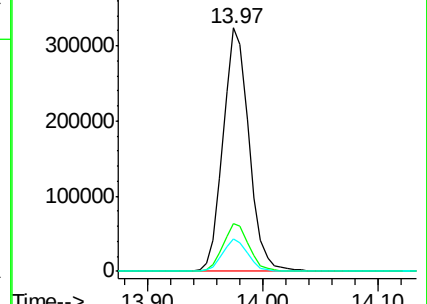
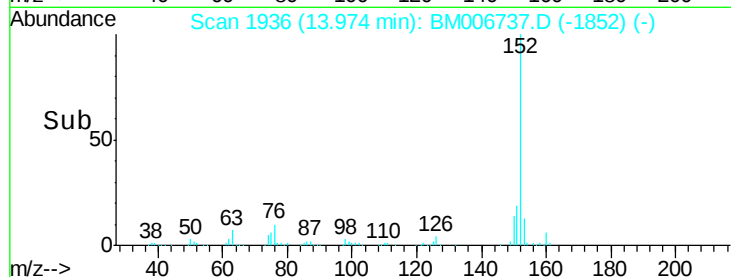
153 13.5 11.1 16.7



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



#27

Anthracene

Concen: 52.61 ng/ul

RT: 17.14 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

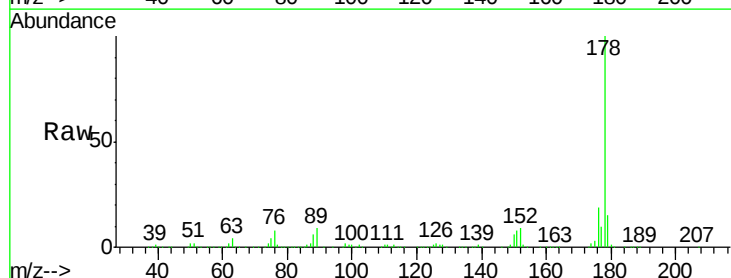
Tgt Ion:178 Resp: 1406441

Ion Ratio Lower Upper

178 100

179 15.4 12.9 19.3

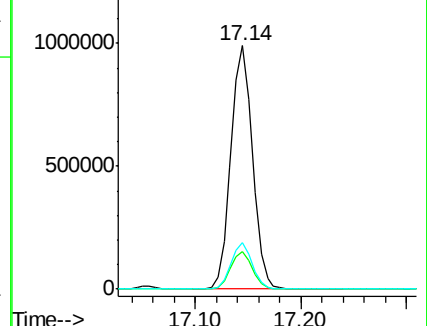
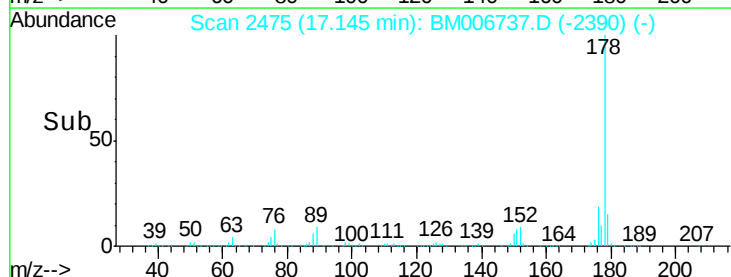
176 18.9 15.6 23.4

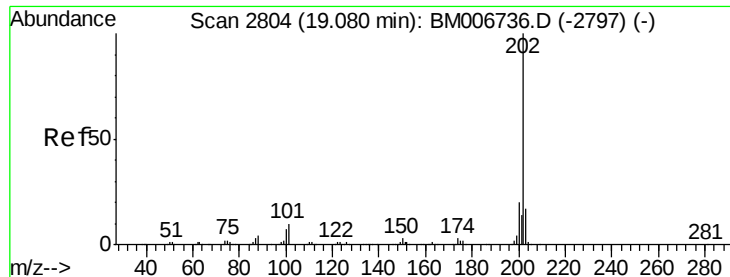


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 54.17 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

Instrument :

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ClientSampleId :

DA148

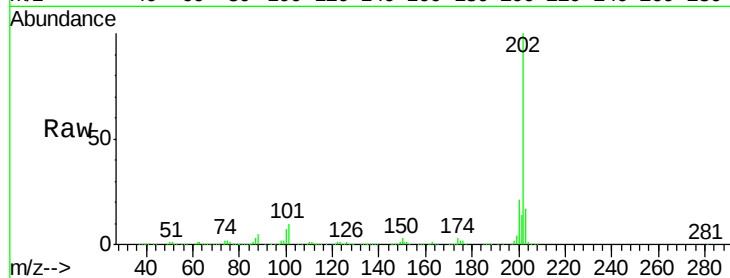
Tgt Ion:202 Resp: 1652315

Ion Ratio Lower Upper

202 100

101 10.1 8.9 13.3

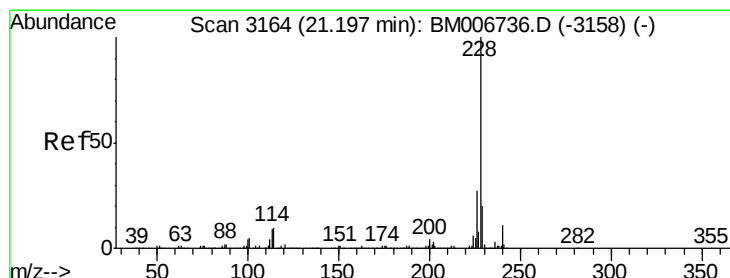
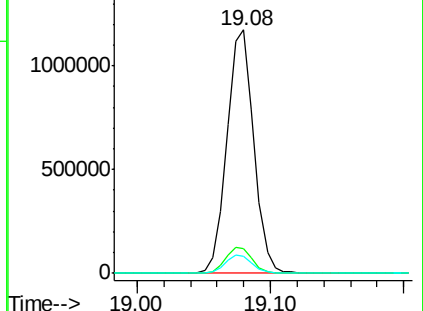
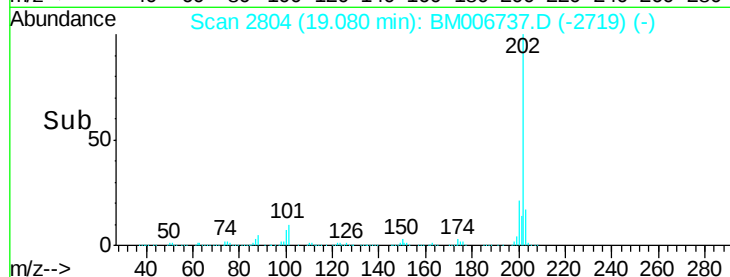
100 7.2 7.0 10.4



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: 43.96 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

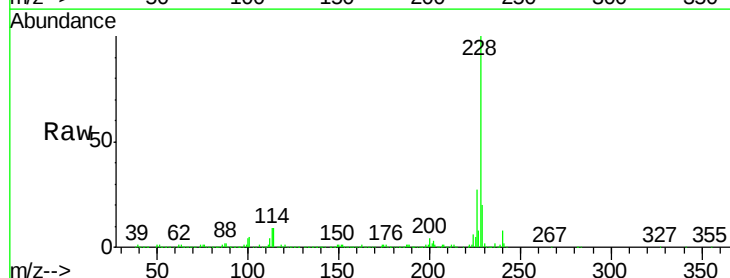
Tgt Ion:228 Resp: 1440209

Ion Ratio Lower Upper

228 100

229 20.1 16.6 25.0

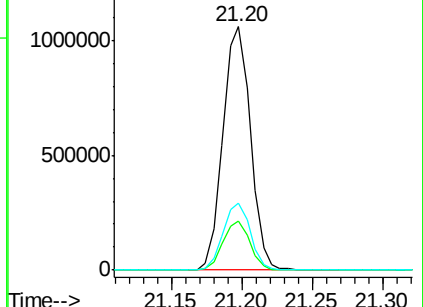
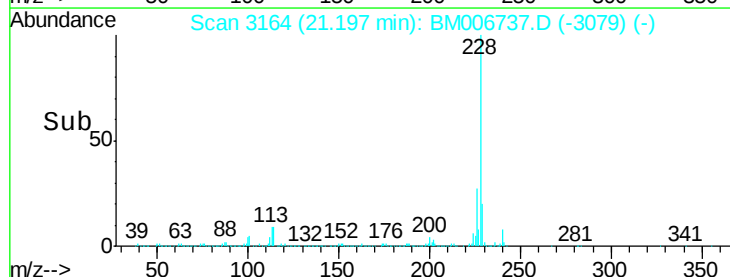
226 27.4 21.0 31.4

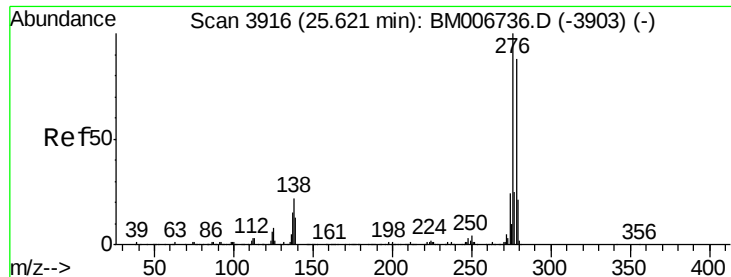


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 53.42 ng/ul

RT: 25.62 min Scan# 3916

Delta R.T. 0.00 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

Instrument :

BNA_M

ClientSampleId :

DA148

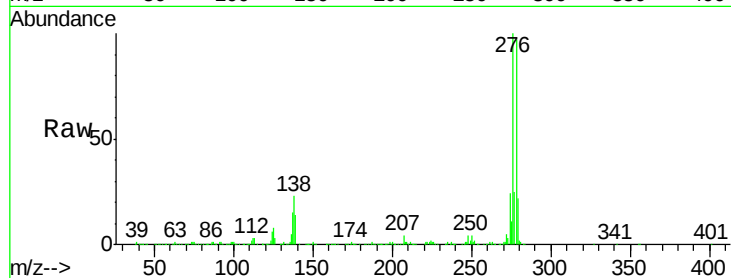
Tgt Ion:276 Resp: 2088799

Ion Ratio Lower Upper

276 100

138 22.8 15.8 23.6

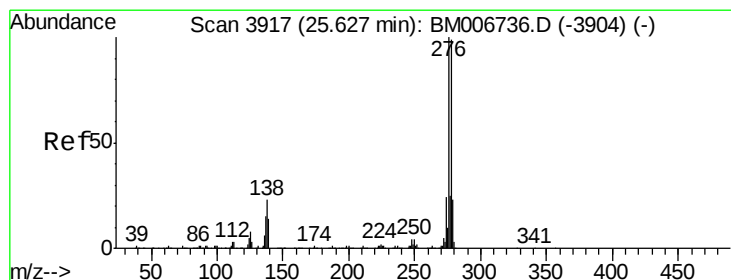
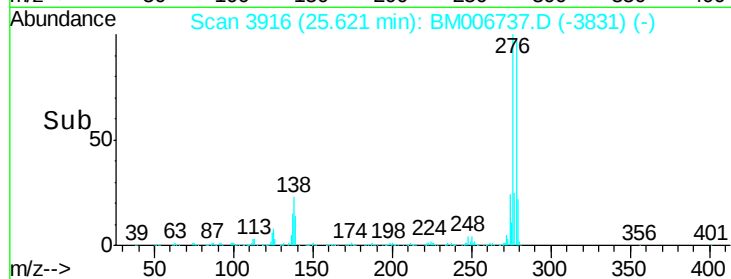
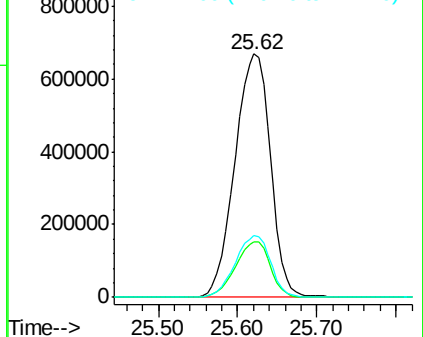
277 25.3 19.0 28.6



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: 56.28 ng/ul

RT: 25.63 min Scan# 3917

Delta R.T. 0.00 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

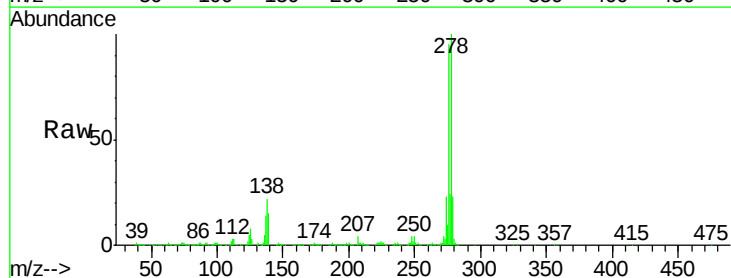
Tgt Ion:278 Resp: 1823872

Ion Ratio Lower Upper

278 100

139 14.8 12.1 18.1

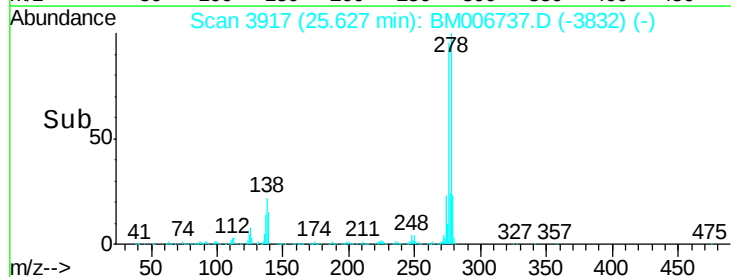
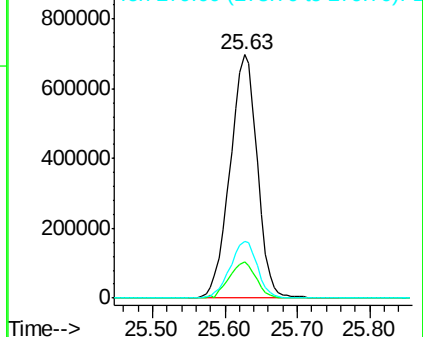
279 23.1 19.8 29.8

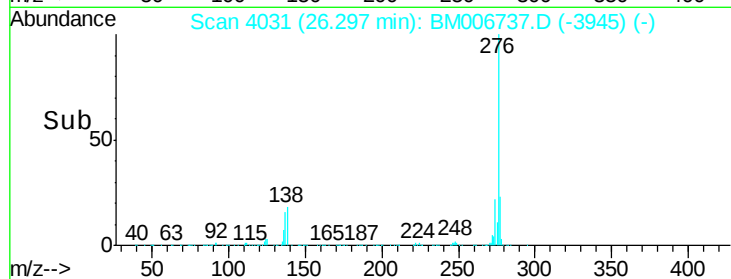
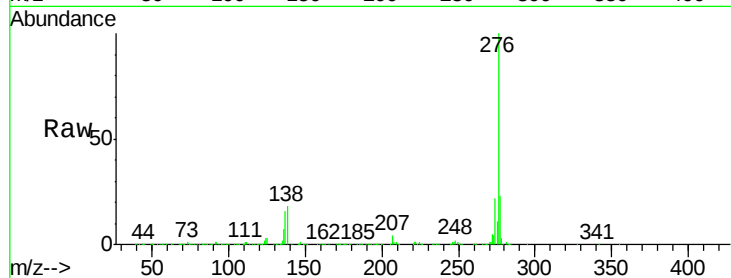
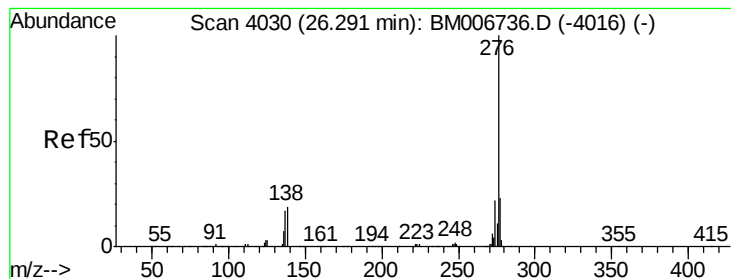


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(g,h,i)perylene

Concen: 57.96 ng/ul

RT: 26.30 min Scan# 4031

Delta R.T. 0.01 min

Lab File: BM006737.D

Acq: 29 Jul 2016 14:36

Instrument :

BNA_M

ClientSampleId :

DA148

Tgt Ion:276 Resp: 1942395

Ion Ratio Lower Upper

276 100

138 18.3 13.9 20.9

277 23.5 19.8 29.6

