

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006803.D
 Acq On : 01 Aug 2016 00:07
 Operator : UM/SJ
 Sample : H4189-07
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM6

Quant Time: Aug 01 07:53:23 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	200040	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	860866	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	474283	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1048582	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1141000	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1191415	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	9398	1.90	ng/uL	0.00
3) Phenol-d5	6.79	99	347514	20.42	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	255516	24.24	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	302951	22.28	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	194944	14.77	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	154207	23.66	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	172382	24.88	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	291854	22.29	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	336450	23.33	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	891891	23.98	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1146127	24.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	115273	17.85	ng/ul	0.00
21) Fluorene-d10	15.26	176	790162	23.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	90965	16.71	ng/ul	0.00
26) Anthracene-d10	17.11	188	1176641	23.63	ng/ul	0.00
30) Pyrene-d10	19.42	212	1323973	25.47	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1328313	24.24	ng/ul	0.00

Target Compounds

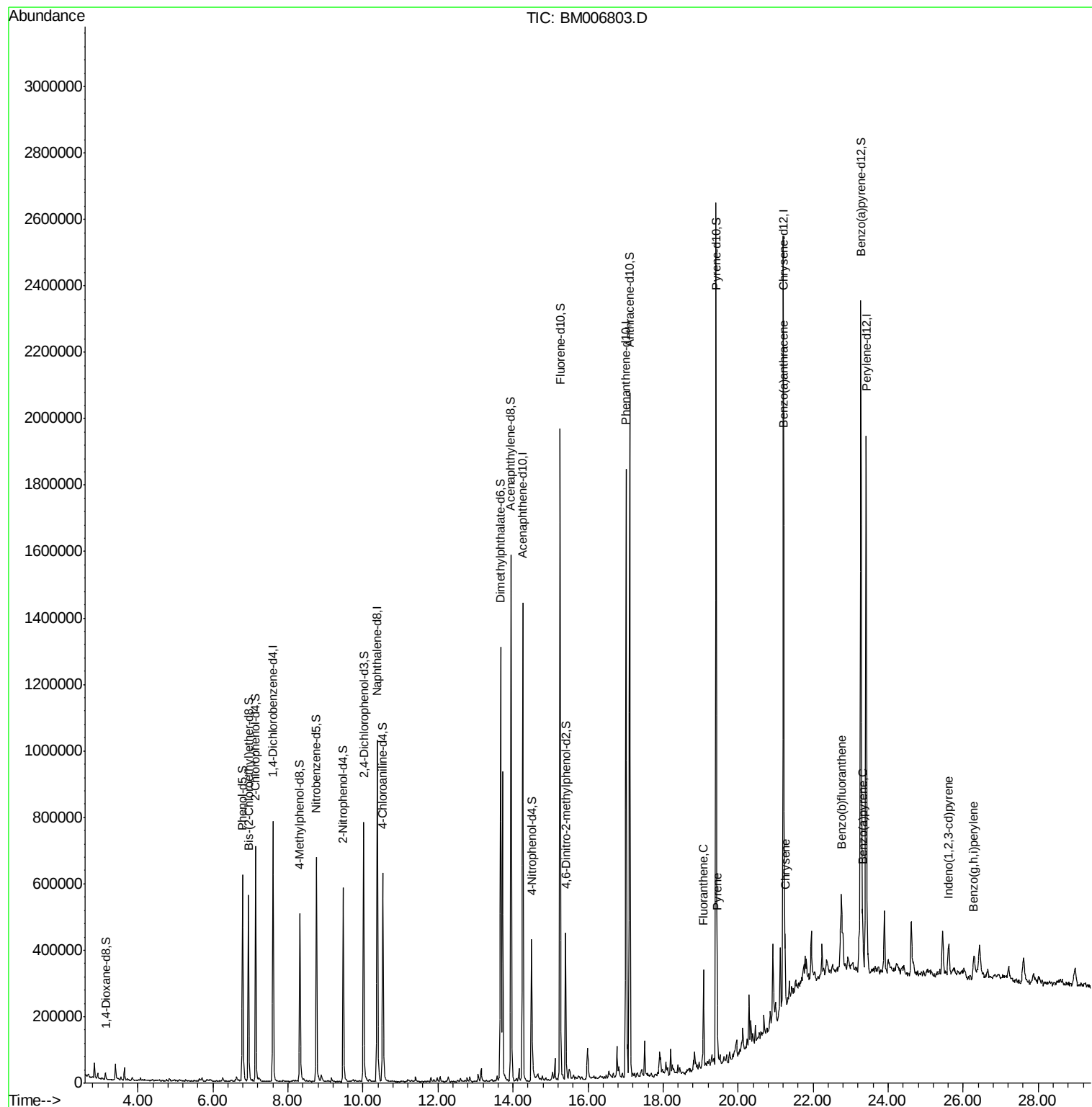
						Qvalue
28) Fluoranthene	19.07	202	166305	2.40	ng/ul	98
31) Pyrene	19.44	202	152250	2.20	ng/ul	98
32) Benzo(a)anthracene	21.20	228	98891	1.43	ng/ul	95
33) Chrysene	21.25	228	121945	1.91	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	180230	2.52	ng/ul	99
38) Benzo(a)pyrene	23.32	252	105892	1.52	ng/ul	94
39) Indeno(1,2,3-cd)pyrene	25.61	276	85330	1.06	ng/ul	97
41) Benzo(g,h,i)perylene	26.29	276	84165	1.22	ng/ul#	93

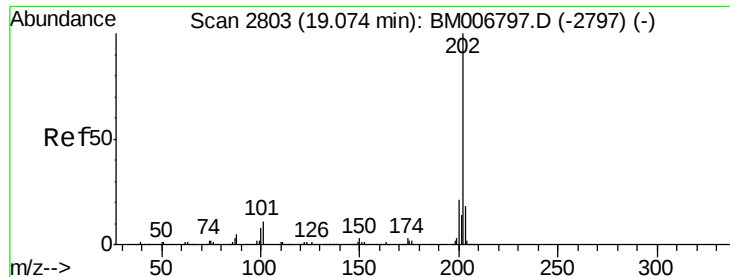
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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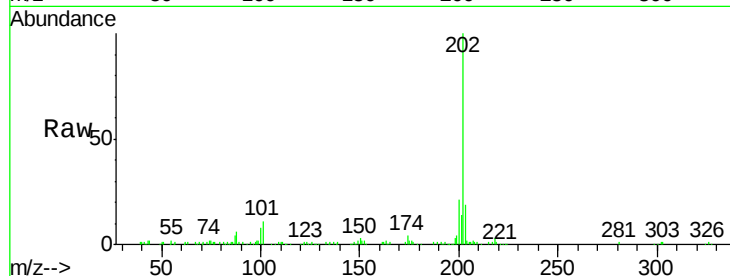




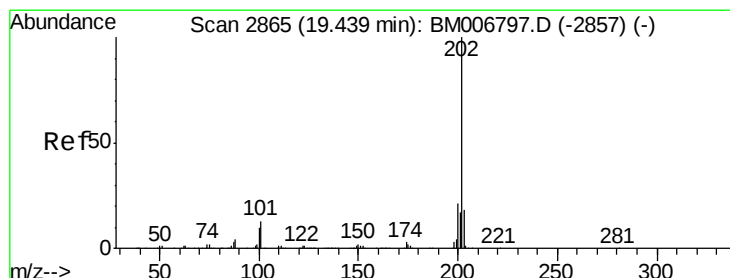
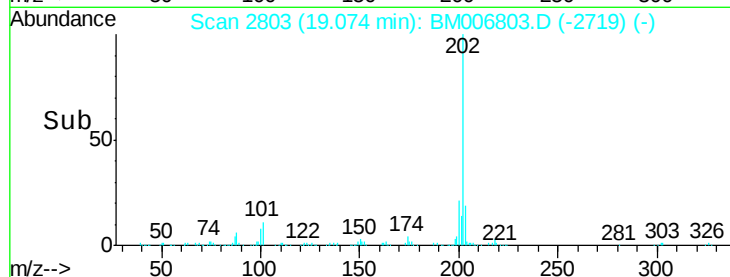
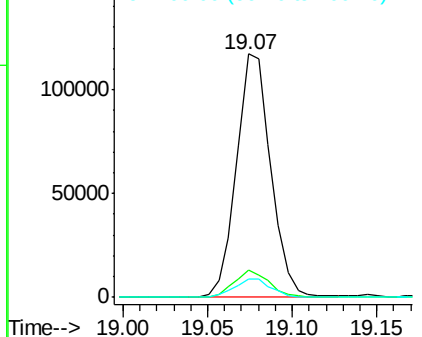
#28
Fluoranthene
Concen: 2.40 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Instrument :
BNA_M
ClientSampleId :
D9ZM6

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	7.7	7.0	10.4

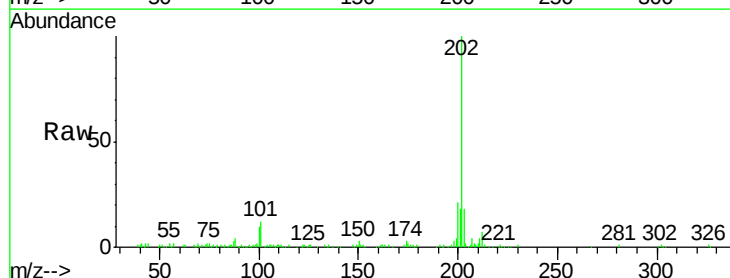


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

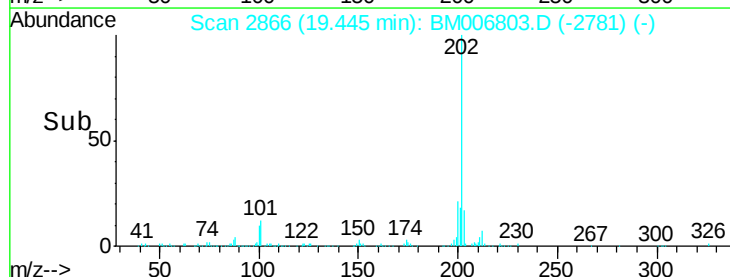
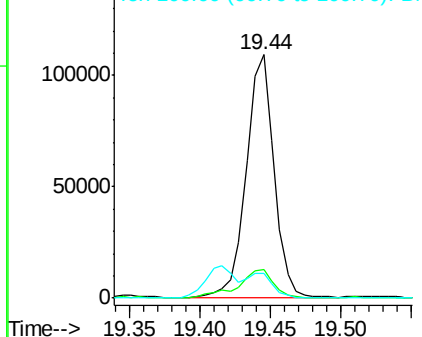


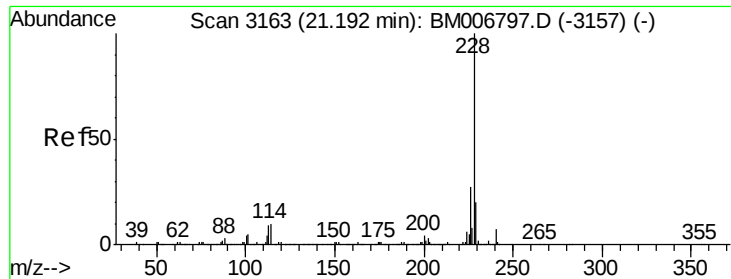
#31
Pyrene
Concen: 2.20 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006803.D
Acq: 01 Aug 2016 00:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	10.2	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: 1.43 ng/ul

RT: 21.20 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BM006803.D

Acq: 01 Aug 2016 00:07

Instrument :

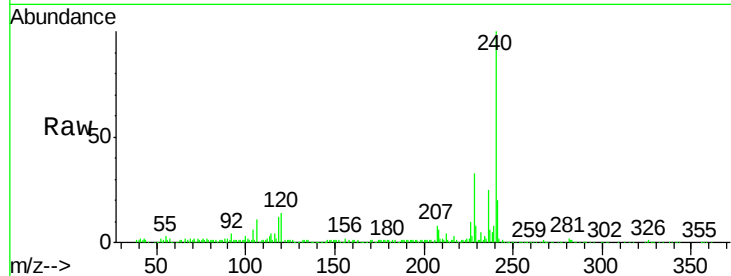
BNA_M

ClientSampleId :

D9ZM6

Tgt Ion:228 Resp: 98891

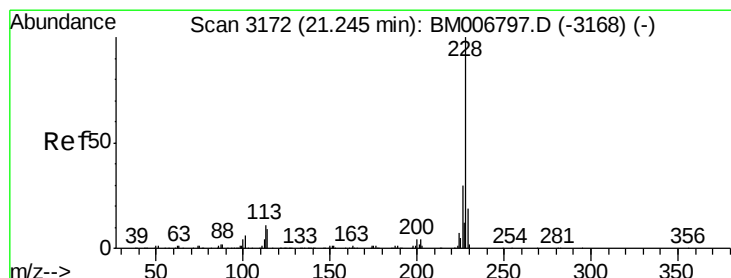
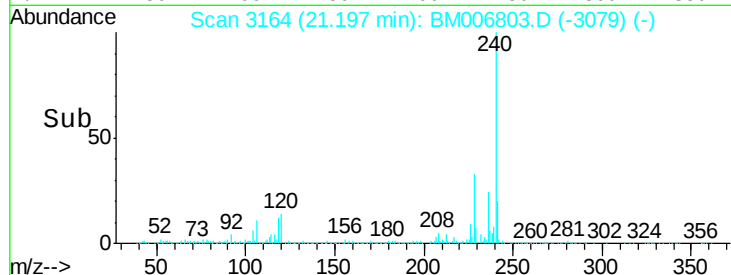
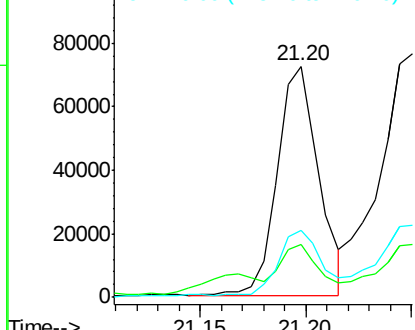
Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.6	25.0
226	28.9	21.0	31.4



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: 1.91 ng/ul

RT: 21.25 min Scan# 3173

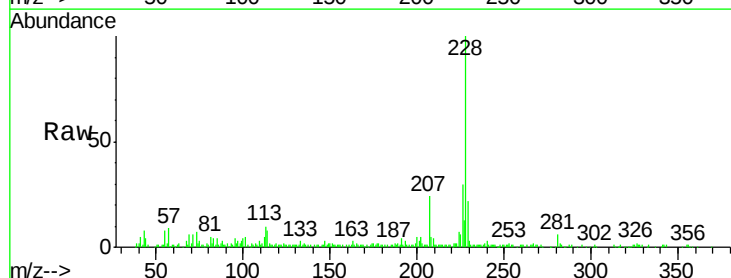
Delta R.T. 0.00 min

Lab File: BM006803.D

Acq: 01 Aug 2016 00:07

Tgt Ion:228 Resp: 121945

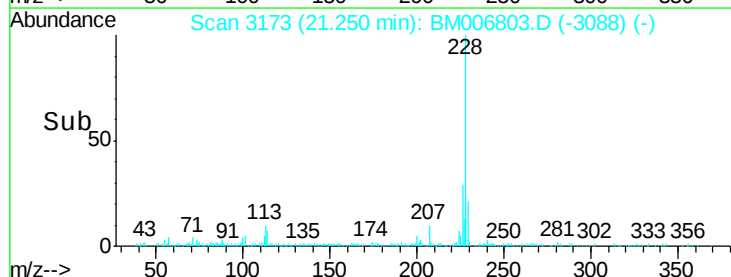
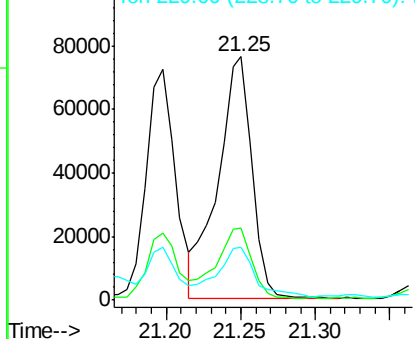
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.7	16.2	24.2

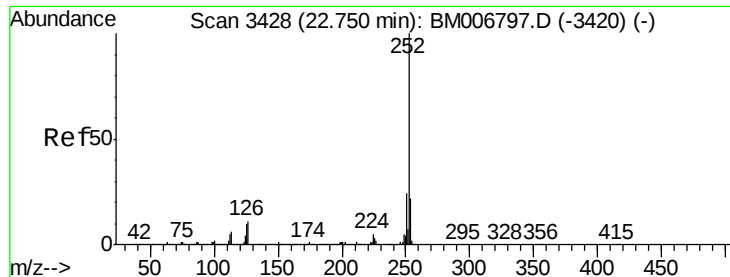


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 2.52 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006803.D

Acq: 01 Aug 2016 00:07

Instrument :

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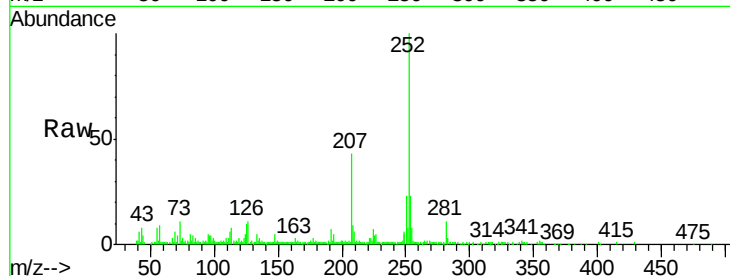
Tgt Ion:252 Resp: 180230

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

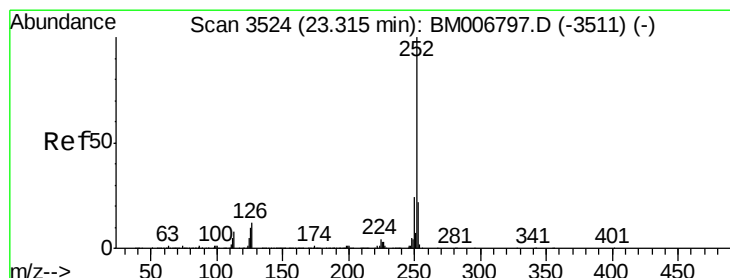
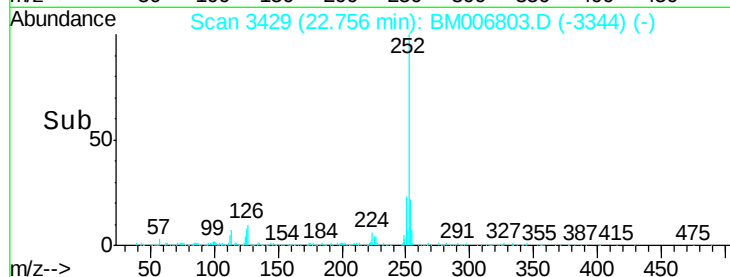
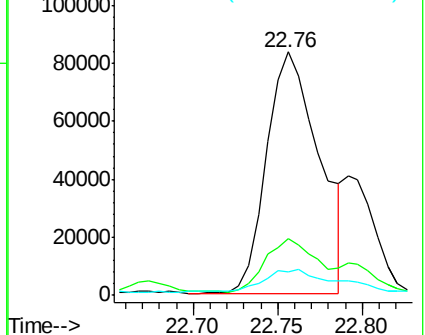
125 9.5 7.6 11.4



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



#38

Benzo(a)pyrene

Concen: 1.52 ng/ul

RT: 23.32 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006803.D

Acq: 01 Aug 2016 00:07

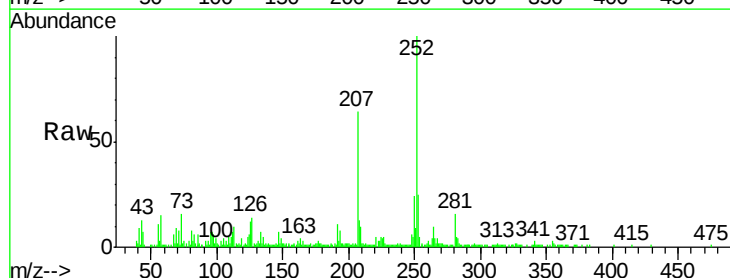
Tgt Ion:252 Resp: 105892

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

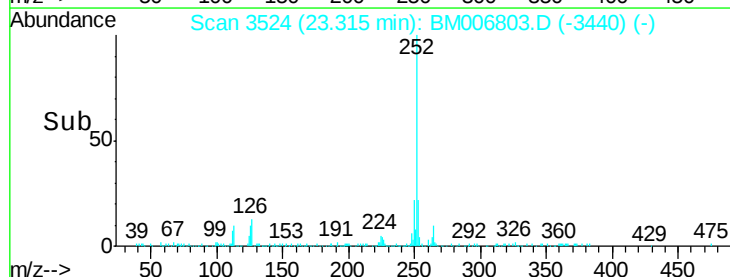
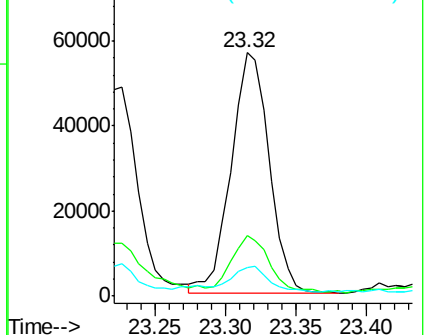
125 12.0 8.2 12.2

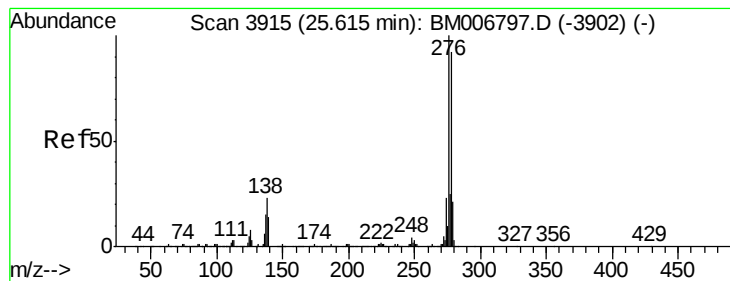


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.06 ng/ul

RT: 25.61 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM006803.D

Acq: 01 Aug 2016 00:07

Instrument :

BNA_M

ClientSampleId :

D9ZM6

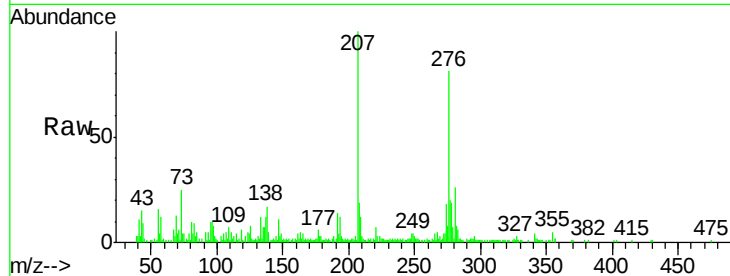
Tgt Ion:276 Resp: 85330

Ion Ratio Lower Upper

276 100

138 21.4 15.8 23.6

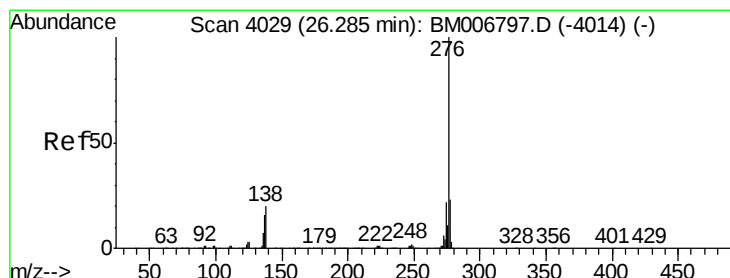
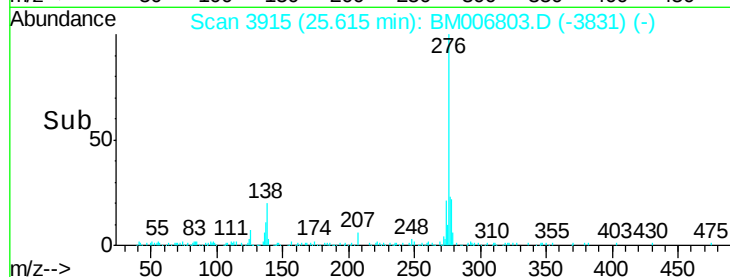
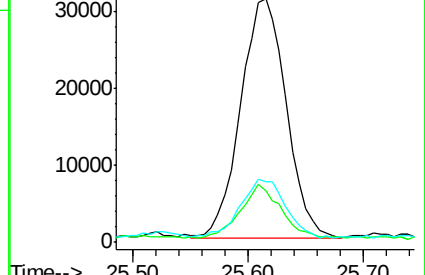
277 24.7 19.0 28.6



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



#41

Benzo(g,h,i)perylene

Concen: 1.22 ng/ul

RT: 26.29 min Scan# 4030

Delta R.T. 0.00 min

Lab File: BM006803.D

Acq: 01 Aug 2016 00:07

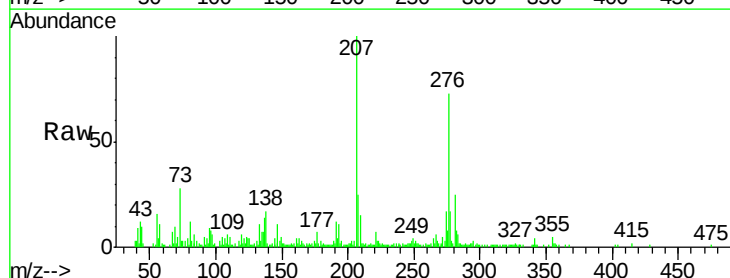
Tgt Ion:276 Resp: 84165

Ion Ratio Lower Upper

276 100

138 23.0 13.9 20.9#

277 23.5 19.8 29.6



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

