

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
 Data File : BM006146.D
 Acq On : 30 Jun 2016 03:39
 Operator : UM/SJ
 Sample : H3777-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YB8

Quant Time: Jun 30 04:17:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 29 00:57:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	274194	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1241223	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	715386	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1584789	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1248139	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1122367	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.16	96	5947	1.01	ng/uL	0.00
3) Phenol-d5	6.82	99	281129	12.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	194713	14.74	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	230053	13.38	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	205972	11.42	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	121444	14.53	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	131708	13.76	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	238656	13.67	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	200734	14.55	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	758865	14.80	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	968421	15.56	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	62976	6.47	ng/ul	0.00
21) Fluorene-d10	15.30	176	671744	15.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	75285	13.41	ng/ul	0.00
26) Anthracene-d10	17.15	188	1013214	15.94	ng/ul	0.00
30) Pyrene-d10	19.45	212	1025003	20.39	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	695893	15.58	ng/ul	0.00

Target Compounds

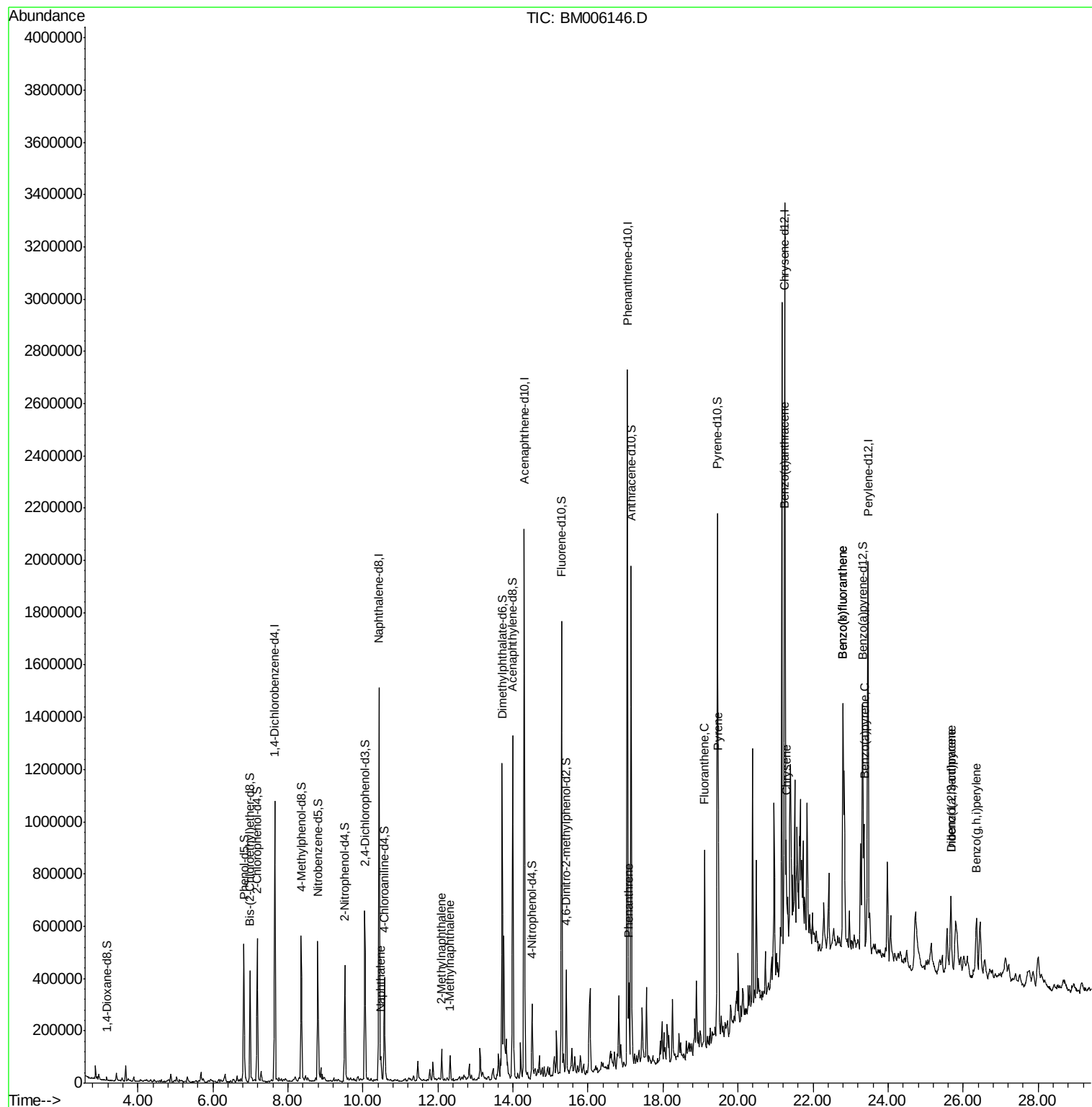
						Qvalue
11) Naphthalene	10.48	128	61074	1.12	ng/ul	98
13) 2-Methylnaphthalene	12.10	142	56249	1.36	ng/ul	91
14) 1-Methylnaphthalene	12.32	142	42642	1.09	ng/ul	95
25) Phenanthrene	17.09	178	184779	2.46	ng/ul	99
28) Fluoranthene	19.11	202	425887	4.64	ng/ul	98
31) Pyrene	19.47	202	410662	6.24	ng/ul	99
32) Benzo(a)anthracene	21.23	228	237641	3.66	ng/ul	97
33) Chrysene	21.28	228	314341	5.26	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	625744	10.74	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	625744	11.45	ng/ul	98
38) Benzo(a)pyrene	23.36	252	336424	6.11	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	281648	4.92	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.67	278	78110	1.65	ng/ul#	90
41) Benzo(g,h,i)perylene	26.36	276	264188	5.52	ng/ul	96

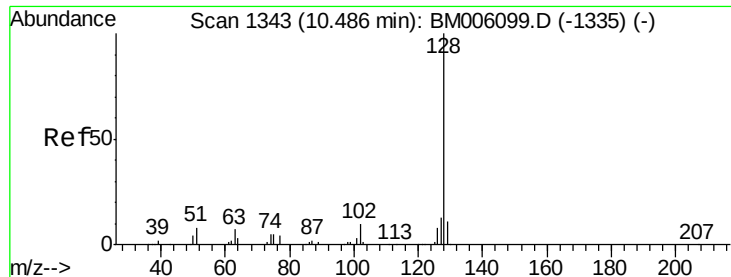
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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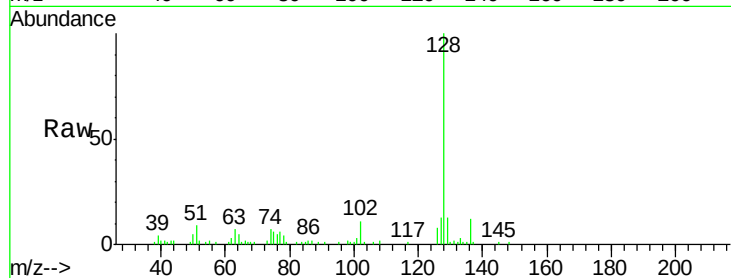




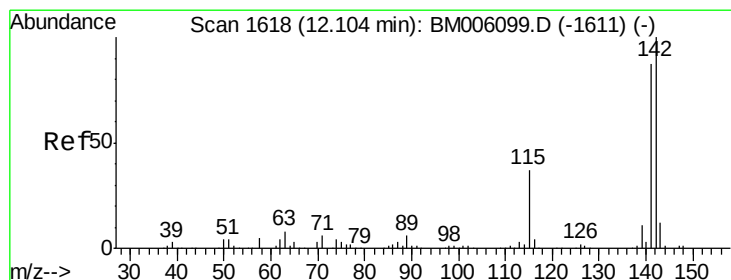
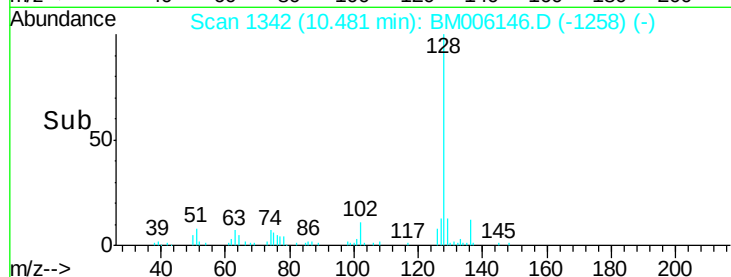
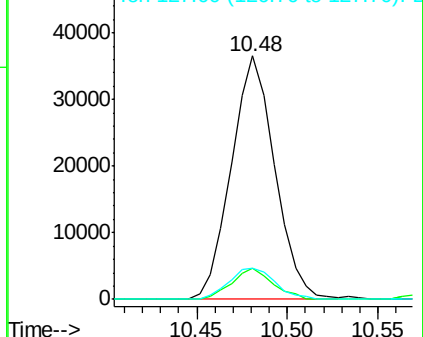
#11
Naphthalene
Concen: 1.12 ng/ul
RT: 10.48 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Instrument :
BNA_M
ClientSampleId :
D9YB8

Tgt Ion:128 Resp: 61074
Ion Ratio Lower Upper
128 100
129 12.8 8.9 13.3
127 12.8 10.5 15.7

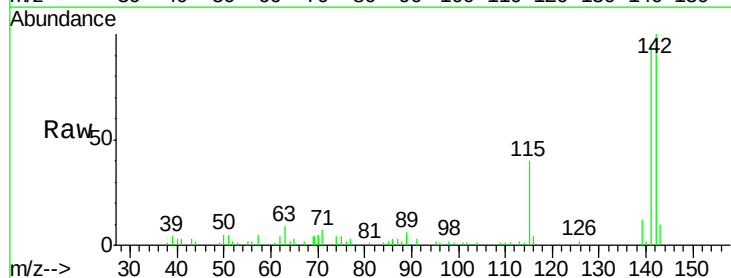


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

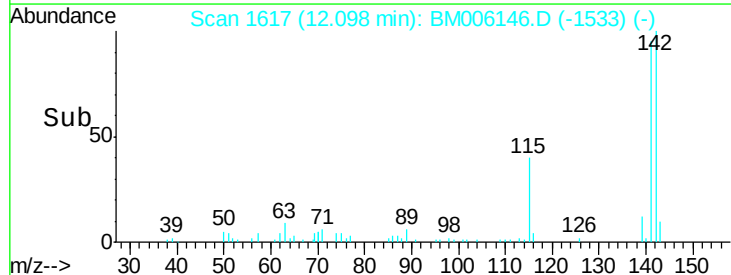
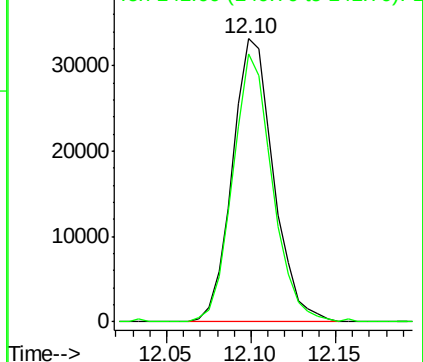


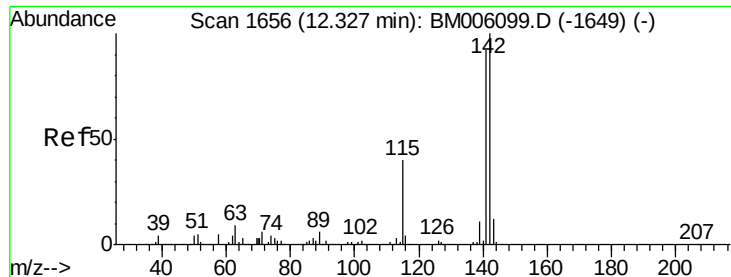
#13
2-Methylnaphthalene
Concen: 1.36 ng/ul
RT: 12.10 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:142 Resp: 56249
Ion Ratio Lower Upper
142 100
141 94.7 69.0 103.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

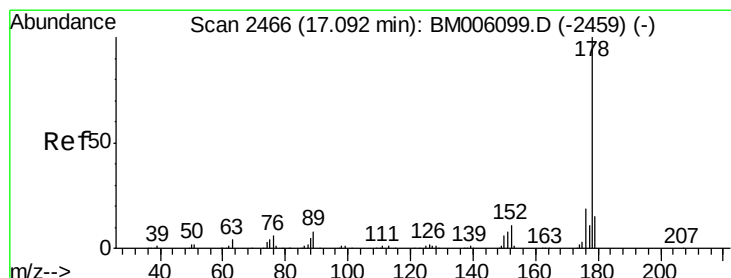
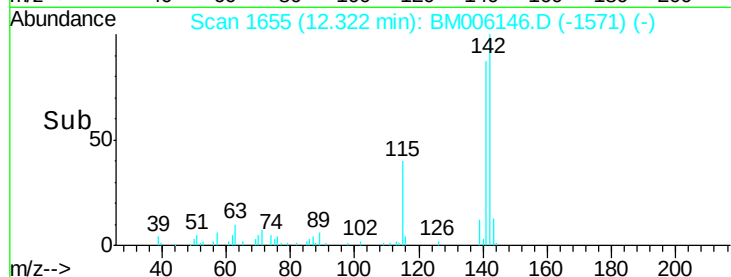
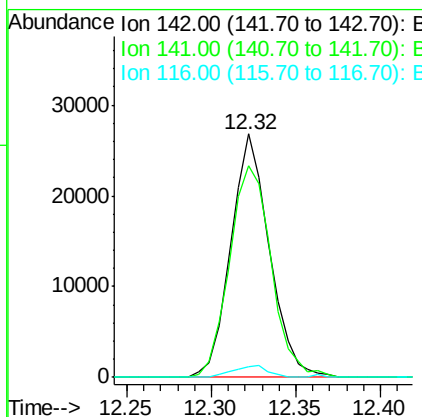
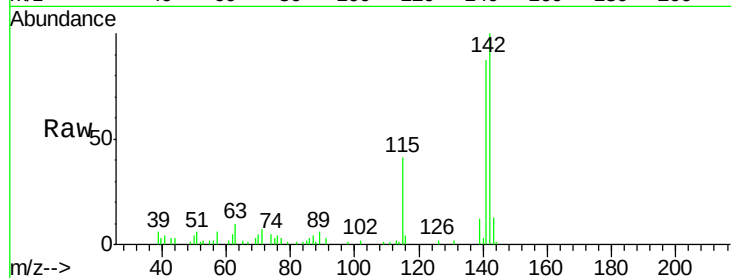




#14
1-Methylnaphthalene
Concen: 1.09 ng/ul
RT: 12.32 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

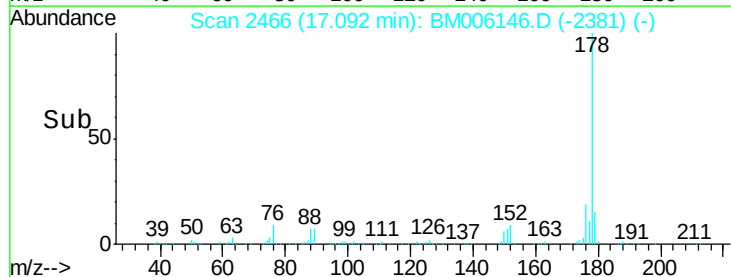
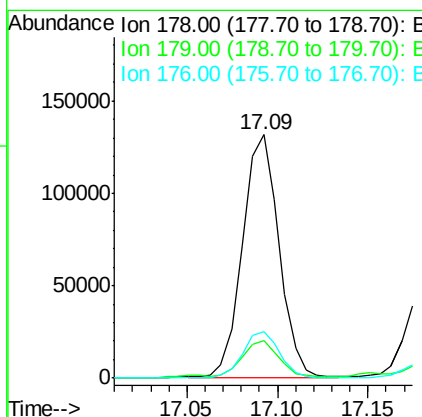
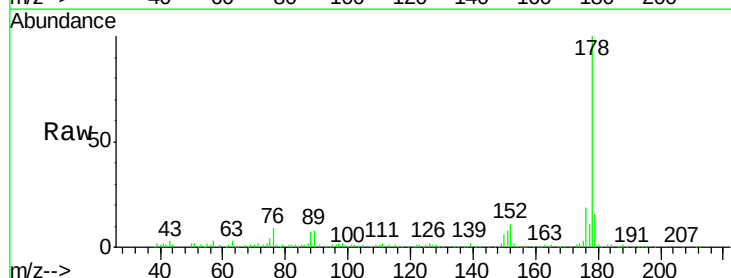
Instrument :
BNA_M
ClientSampleId :
D9YB8

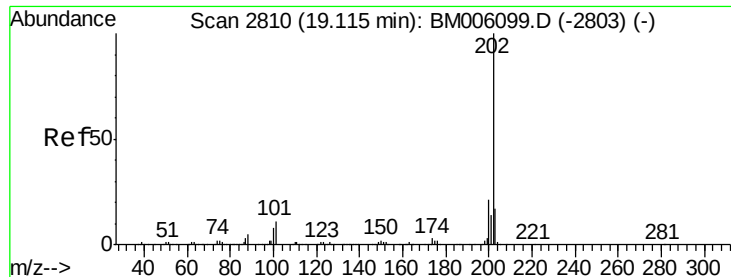
Tgt Ion:142 Resp: 42642
Ion Ratio Lower Upper
142 100
141 86.7 73.0 109.4
116 4.3 3.0 4.6



#25
Phenanthrene
Concen: 2.46 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:178 Resp: 184779
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.3 15.3 22.9





#28

Fluoranthene

Concen: 4.64 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

Instrument :

BNA_M

ClientSampleId :

D9YB8

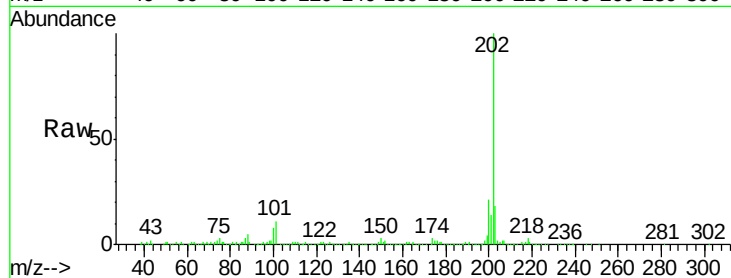
Tgt Ion:202 Resp: 425887

Ion Ratio Lower Upper

202 100

101 11.4 8.5 12.7

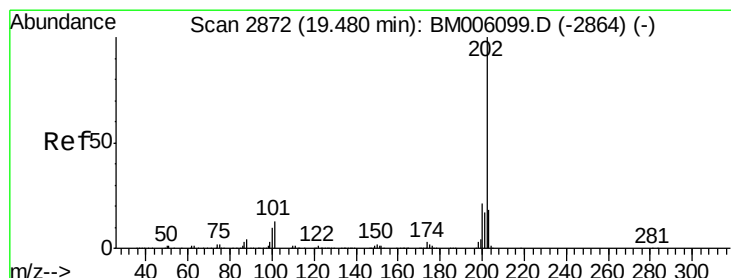
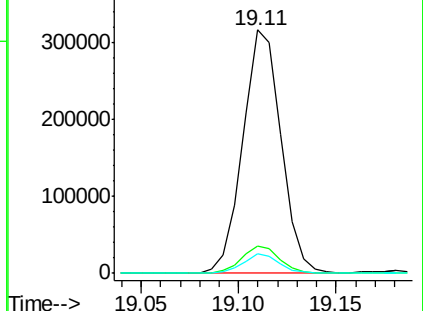
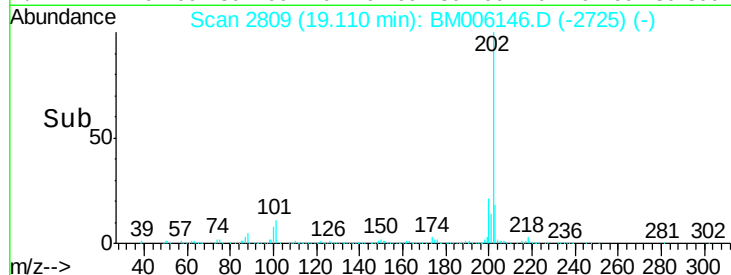
100 7.9 6.5 9.7



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: 6.24 ng/ul

RT: 19.47 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

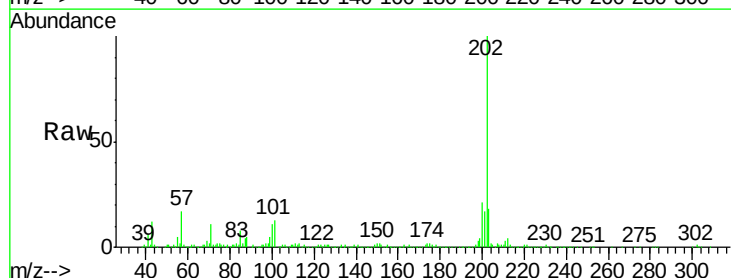
Tgt Ion:202 Resp: 410662

Ion Ratio Lower Upper

202 100

101 12.8 11.0 16.4

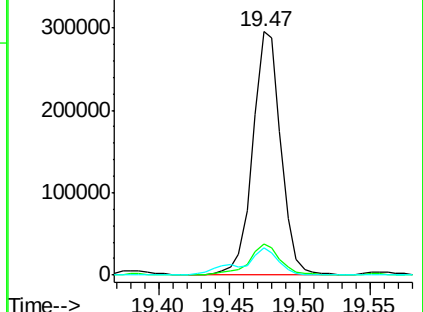
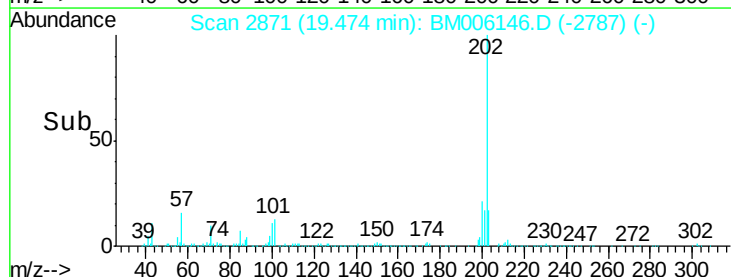
100 11.0 8.9 13.3

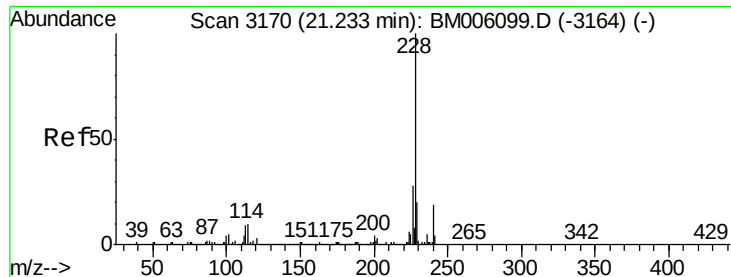


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 3.66 ng/ul

RT: 21.23 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

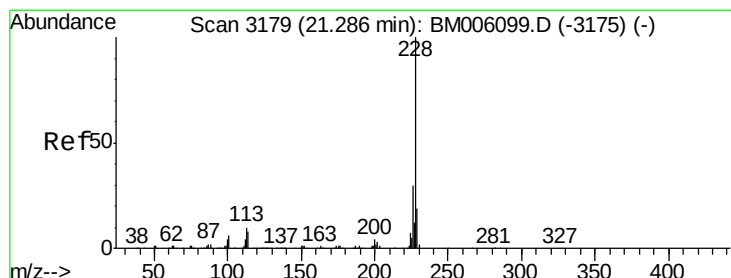
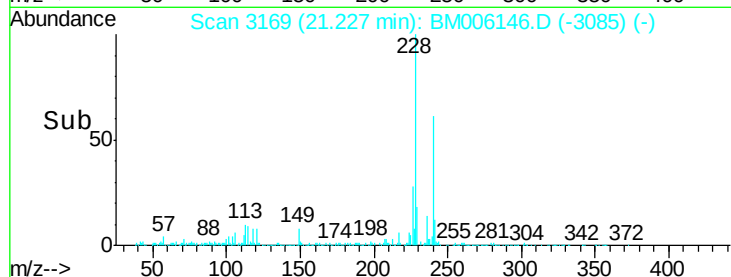
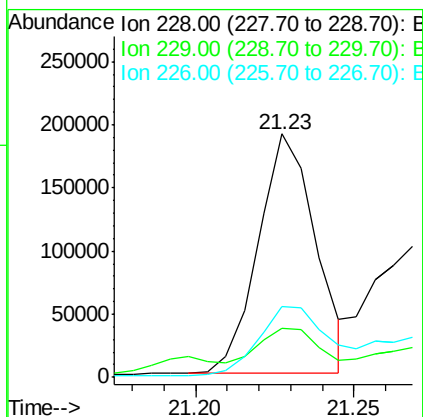
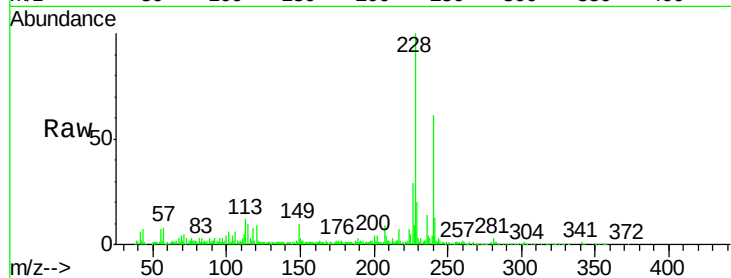
Instrument :

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Tgt Ion:	228	Resp:	237641
Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	29.0	21.6	32.4



#33

Chrysene

Concen: 5.26 ng/ul

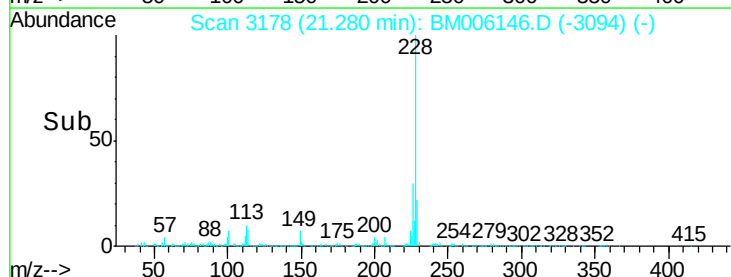
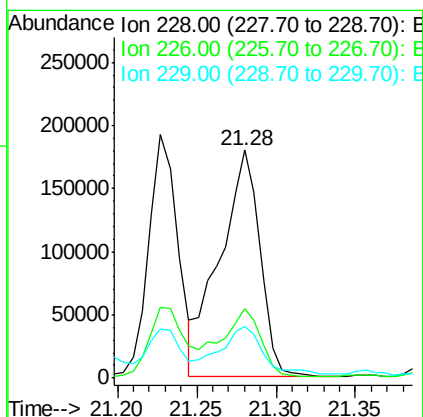
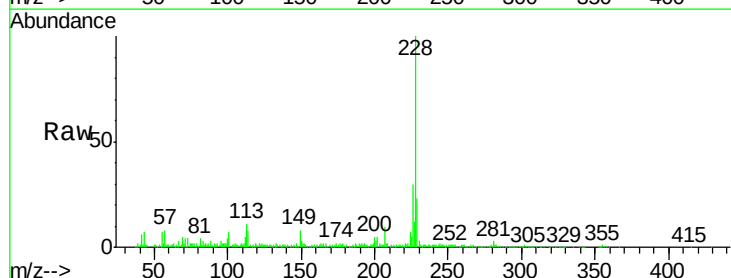
RT: 21.28 min Scan# 3178

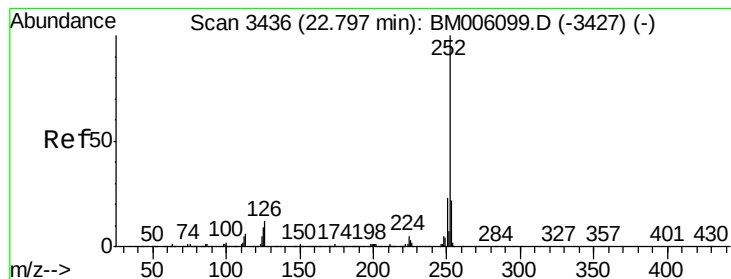
Delta R.T. -0.01 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

Tgt Ion:	228	Resp:	314341
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	22.6	15.8	23.6





#35

Benzo(b)fluoranthene

Concen: 10.74 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

Instrument :

BNA_M

ClientSampleId :

D9YB8

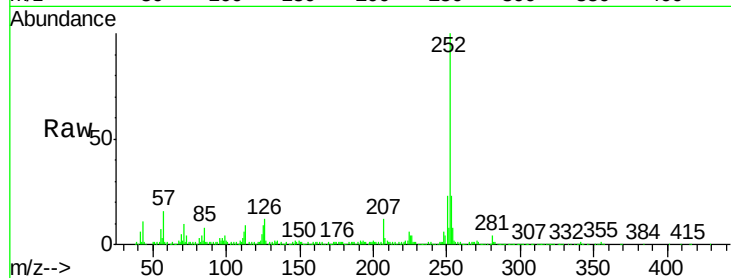
Tgt Ion:252 Resp: 625744

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

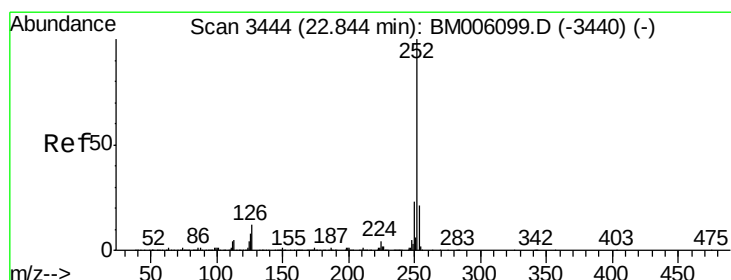
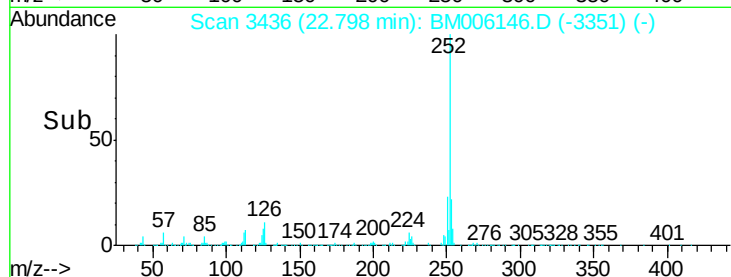
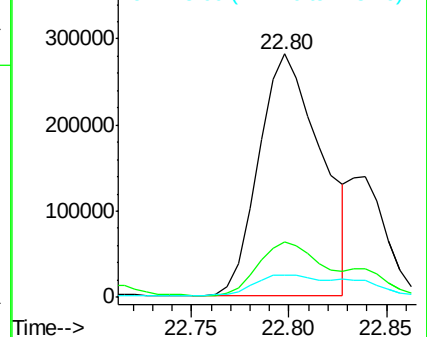
125 9.3 7.8 11.6



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: 11.45 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.05 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

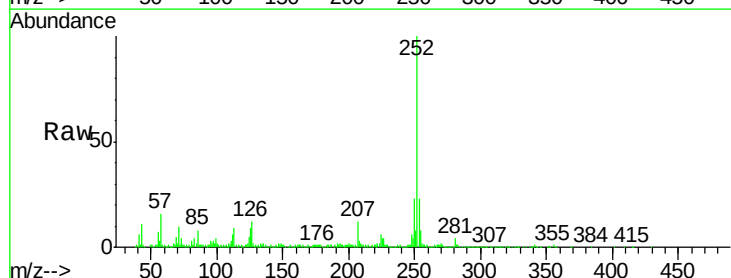
Tgt Ion:252 Resp: 625744

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

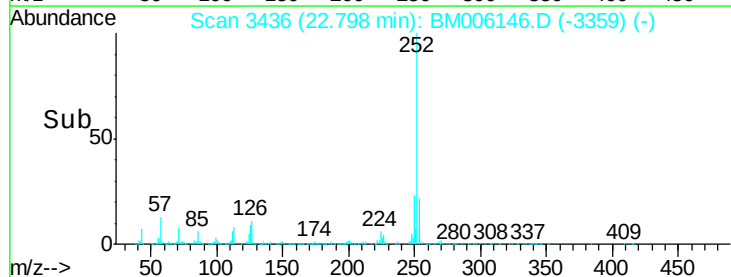
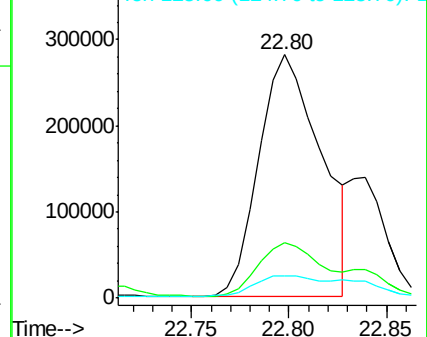
125 9.3 8.1 12.1

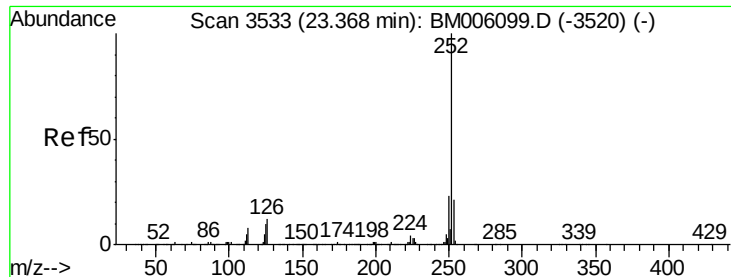


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 6.11 ng/ul

RT: 23.36 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM006146.D

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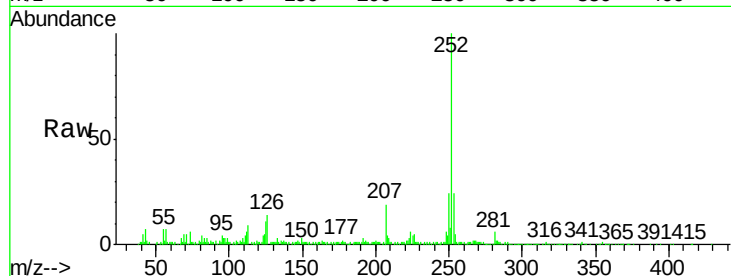
Tgt Ion:252 Resp: 336424

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.6

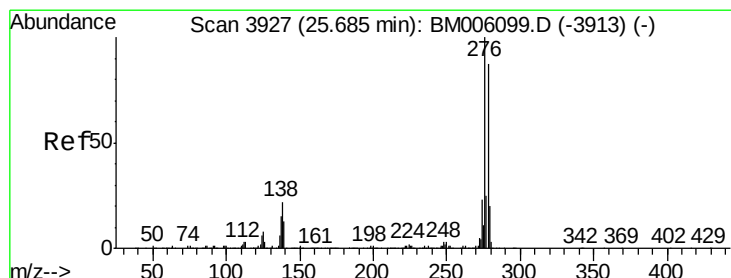
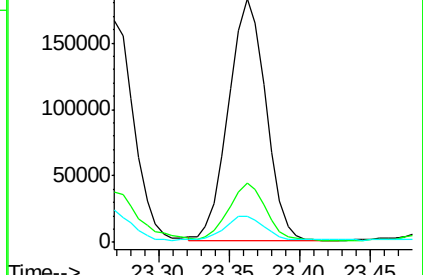
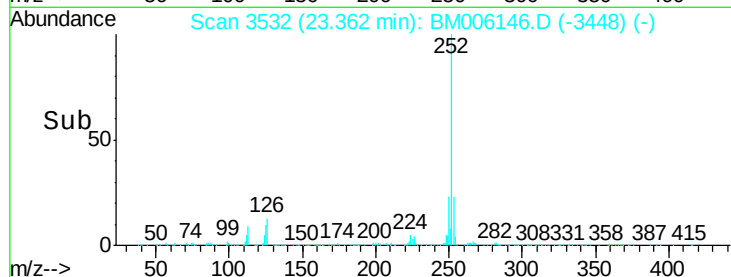
125 10.9 8.7 13.1



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: 4.92 ng/ul

RT: 25.67 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

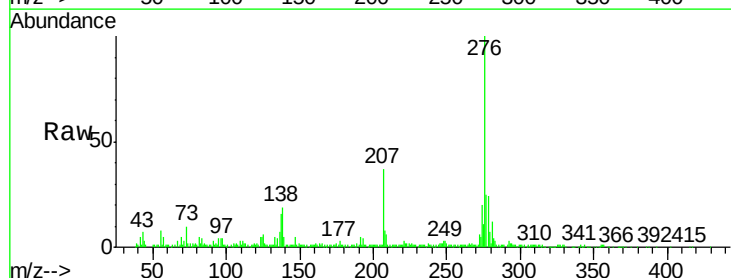
Tgt Ion:276 Resp: 281648

Ion Ratio Lower Upper

276 100

138 19.3 20.4 30.6#

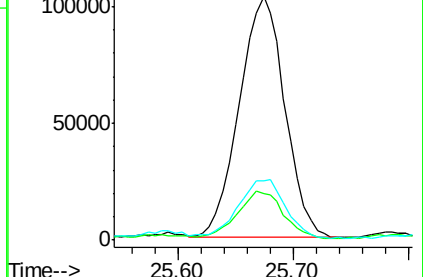
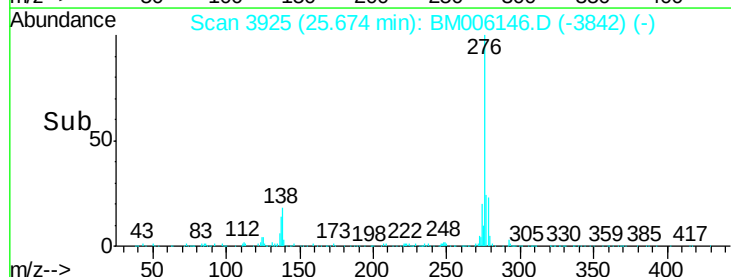
277 24.6 20.6 30.8

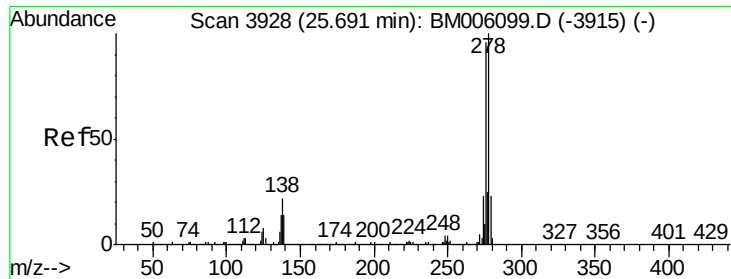


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#40

Dibenzo(a,h)anthracene

Concen: 1.65 ng/ul

RT: 25.67 min Scan# 3925

Delta R.T. -0.02 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

Instrument :

BNA_M

ClientSampleId :

D9YB8

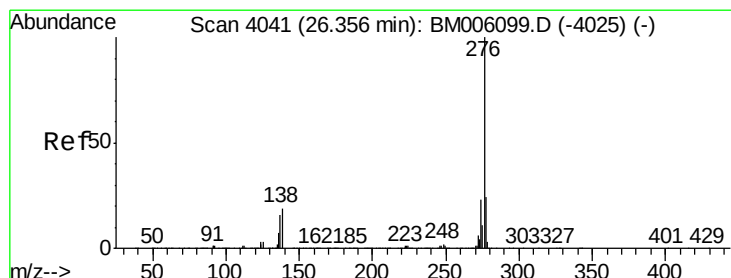
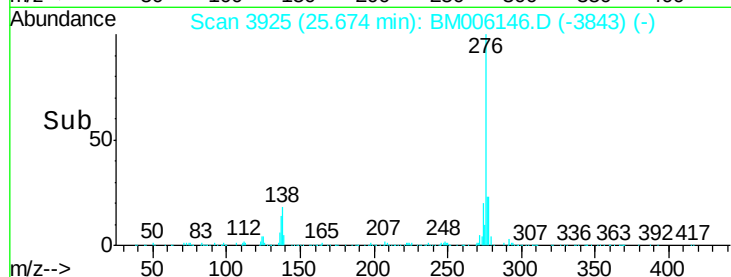
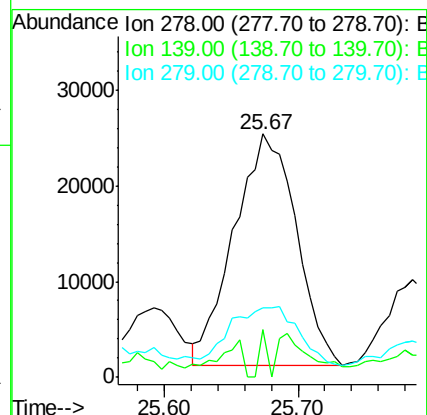
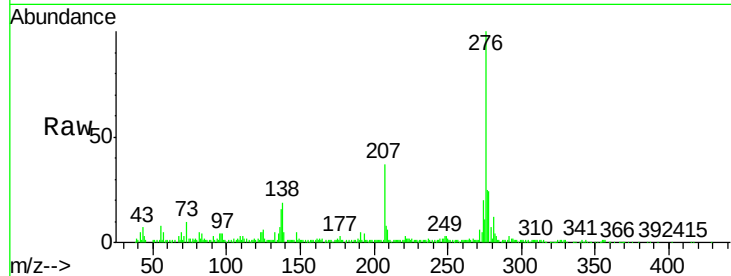
Tgt Ion:278 Resp: 78110

Ion Ratio Lower Upper

278 100

139 19.7 13.0 19.4#

279 28.7 18.8 28.2#



#41

Benzo(g,h,i)perylene

Concen: 5.52 ng/ul

RT: 26.36 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM006146.D

Acq: 30 Jun 2016 03:39

Tgt Ion:276 Resp: 264188

Ion Ratio Lower Upper

276 100

138 18.3 16.6 25.0

277 25.1 18.9 28.3

