

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006075.D
 Acq On : 27 Jun 2016 18:21
 Operator : UM/SJ
 Sample : H3669-21MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y73MS

Quant Time: Jun 28 03:23:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 28 02:11:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	193240	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1045549	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	699773	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1741574	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1982695	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1815939	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	5206	1.20	ng/uL	0.00
3) Phenol-d5	6.83	99	264400	13.01	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	161743	14.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	200290	14.15	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	170667	9.95	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	111661	14.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	117872	13.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	236659	13.93	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	214282	11.62	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	838563	14.00	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1059372	15.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	132791	10.39	ng/ul	-0.01
21) Fluorene-d10	15.30	176	785566	15.36	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	61856	6.40	ng/ul	-0.01
26) Anthracene-d10	17.16	188	1275563	15.95	ng/ul	0.00
30) Pyrene-d10	19.46	212	1520936	17.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1303083	15.89	ng/ul	0.00

Target Compounds

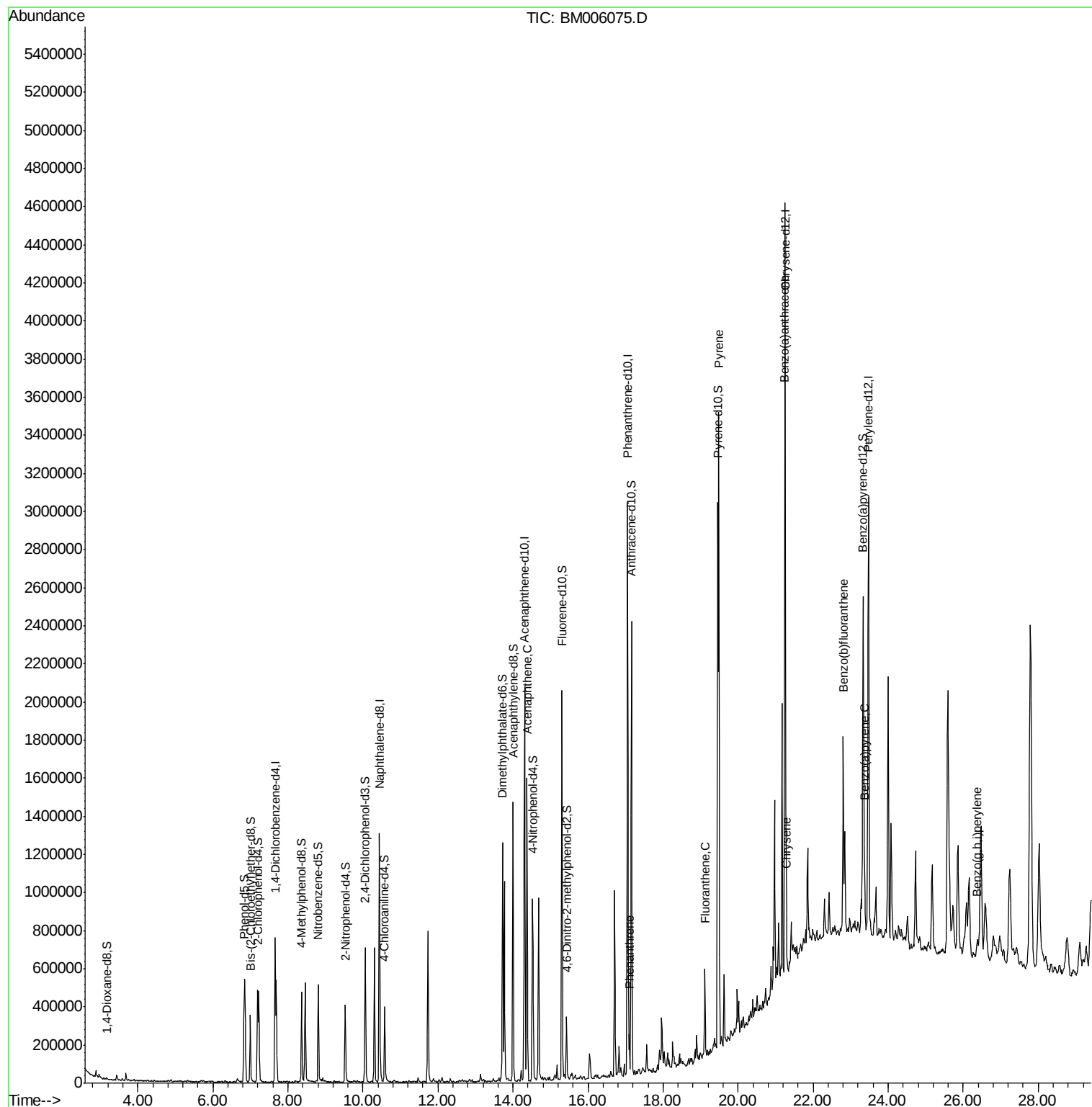
						Qvalue
19) Acenaphthene	14.37	153	653493	14.04	ng/ul	99
25) Phenanthrene	17.10	178	118943	1.27	ng/ul	98
28) Fluoranthene	19.12	202	268099	2.23	ng/ul	100
31) Pyrene	19.49	202	1991593	17.55	ng/ul	96
32) Benzo(a)anthracene	21.24	228	152810	1.30	ng/ul	92
33) Chrysene	21.29	228	191058	1.78	ng/ul	96
35) Benzo(b)fluoranthene	22.81	252	251709	2.39	ng/ul#	92
38) Benzo(a)pyrene	23.37	252	158824	1.57	ng/ul	97
41) Benzo(g,h,i)perylene	26.37	276	113106	1.08	ng/ul	97

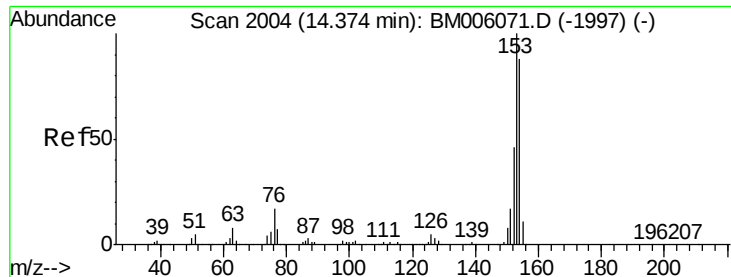
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Acenaphthene

Concen: 14.04 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BM006075.D

Acq: 27 Jun 2016 18:21

Instrument :

BNA_M

ClientSampleId :

D9Y73MS

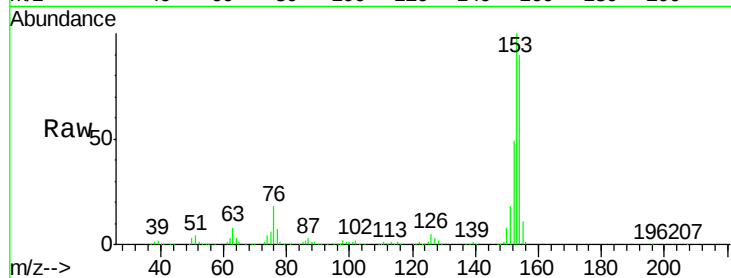
Tgt Ion:153 Resp: 653493

Ion Ratio Lower Upper

153 100

152 48.5 38.1 57.1

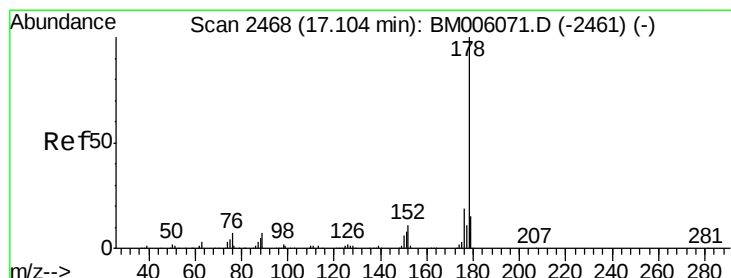
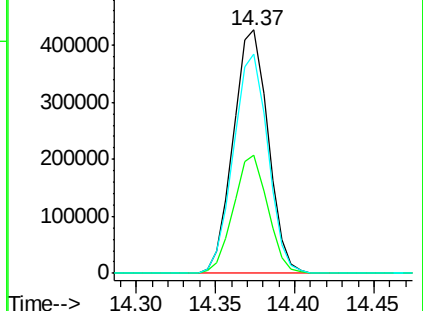
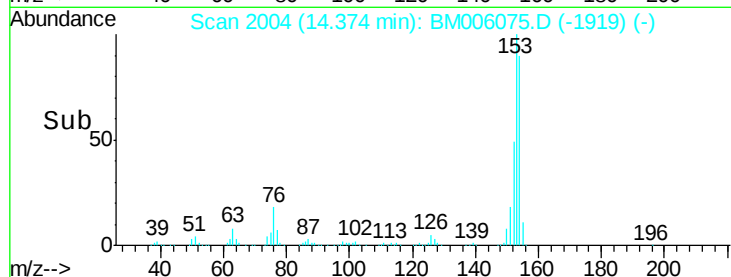
154 90.0 71.6 107.4



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#25

Phenanthrene

Concen: 1.27 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM006075.D

Acq: 27 Jun 2016 18:21

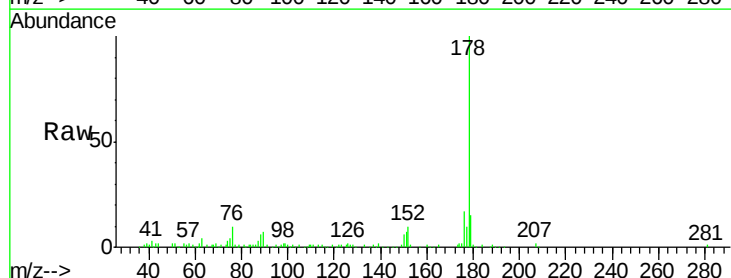
Tgt Ion:178 Resp: 118943

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

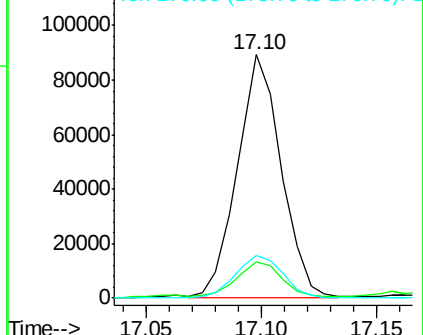
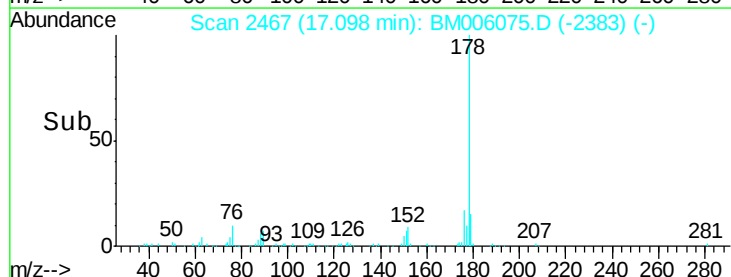
176 17.3 15.3 22.9

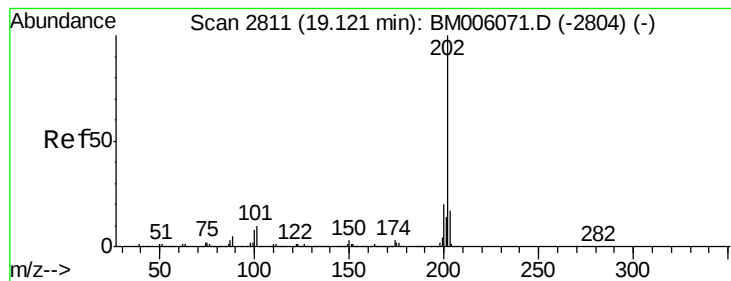


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 2.23 ng/ul

RT: 19.12 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BM006075.D

Acq: 27 Jun 2016 18:21

Instrument :

BNA_M

ClientSampleId :

D9Y73MS

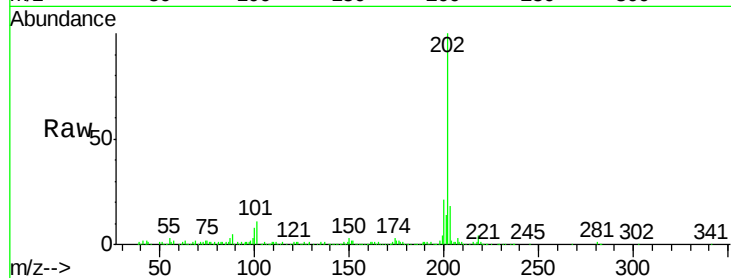
Tgt Ion:202 Resp: 268099

Ion Ratio Lower Upper

202 100

101 10.6 8.5 12.7

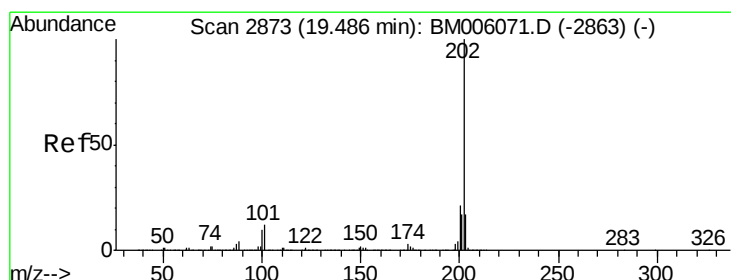
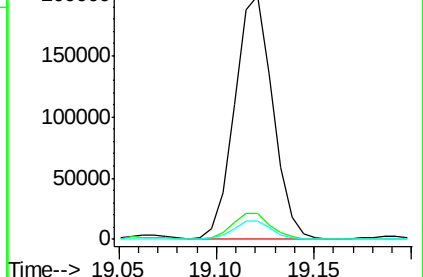
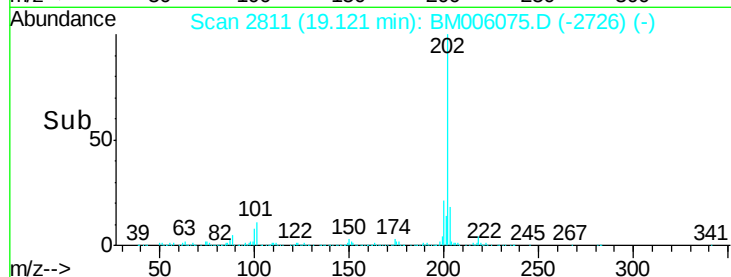
100 7.8 6.5 9.7



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: 17.55 ng/ul

RT: 19.49 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BM006075.D

Acq: 27 Jun 2016 18:21

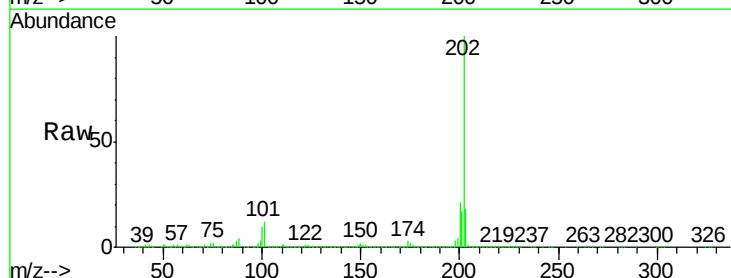
Tgt Ion:202 Resp: 1991593

Ion Ratio Lower Upper

202 100

101 11.9 11.0 16.4

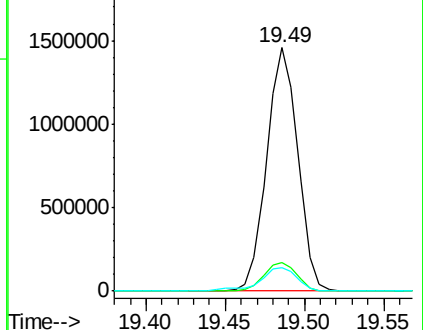
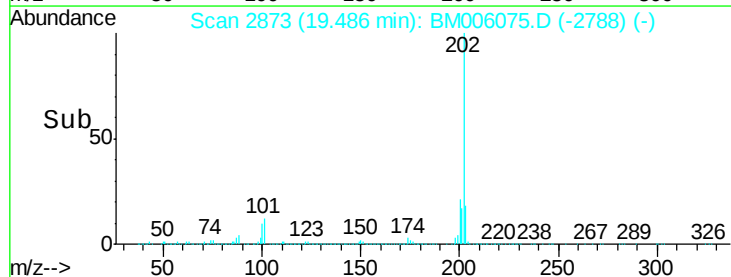
100 9.6 8.9 13.3

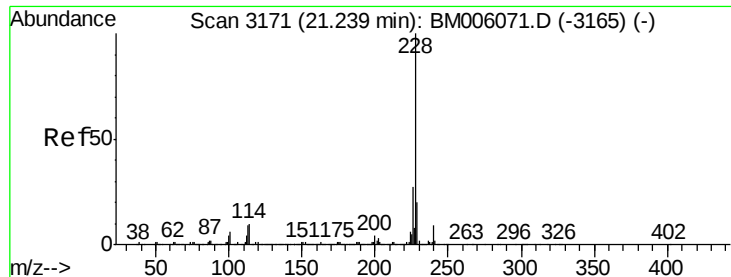


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

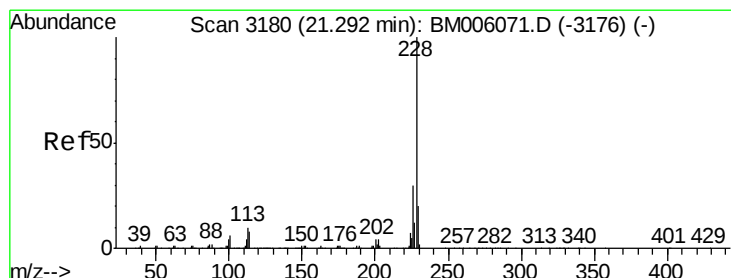
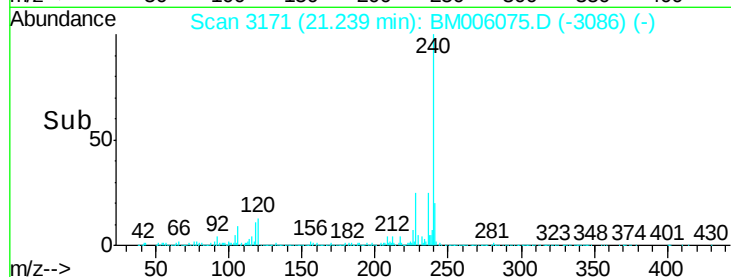
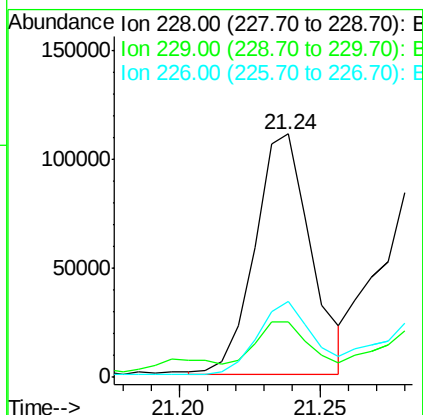
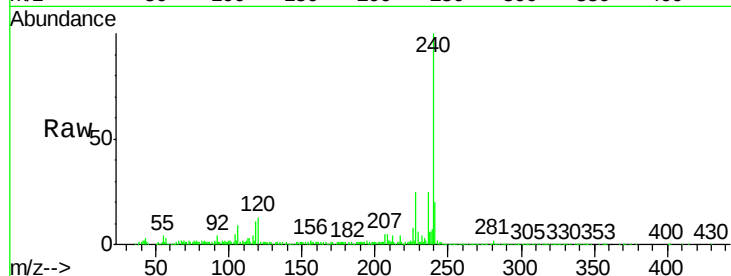




#32
Benzo(a)anthracene
Concen: 1.30 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

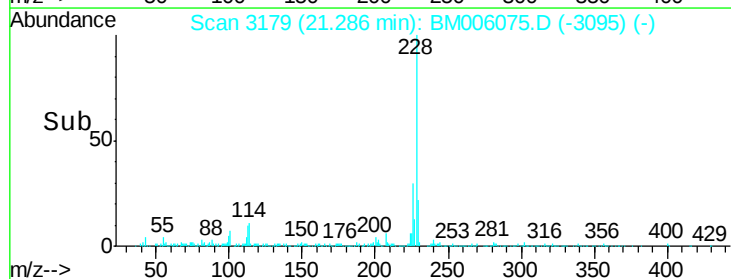
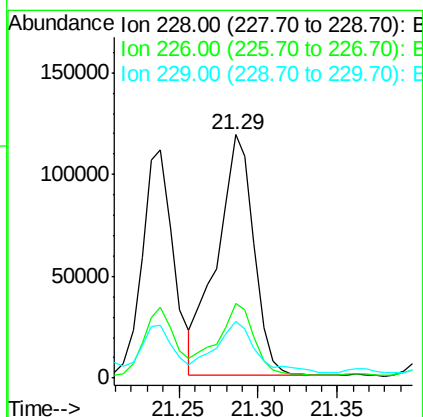
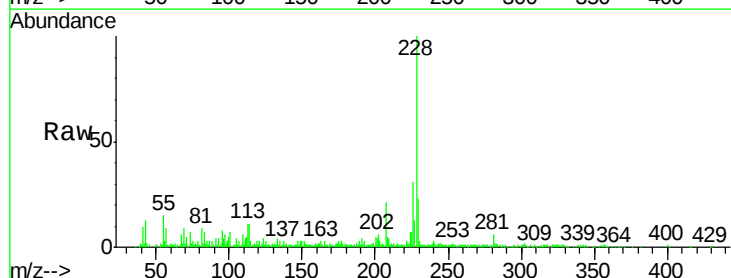
Instrument :
BNA_M
ClientSampled :
D9Y73MS

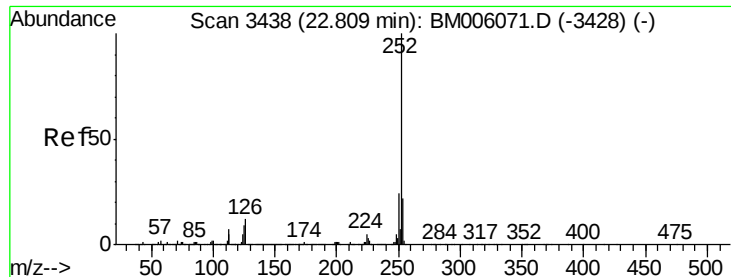
Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.6	23.4
226	31.0	21.6	32.4



#33
Chrysene
Concen: 1.78 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	23.1	15.8	23.6





#35

Benzo(b)fluoranthene

Concen: 2.39 ng/ul

RT: 22.81 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM006075.D

Acq: 27 Jun 2016 18:21

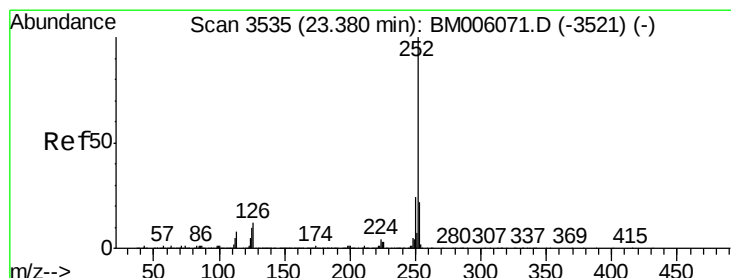
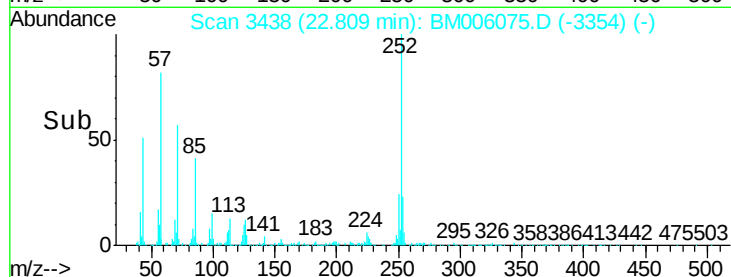
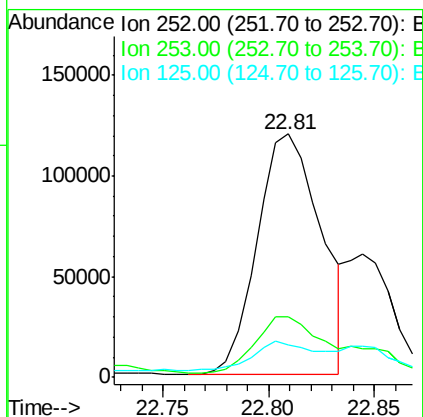
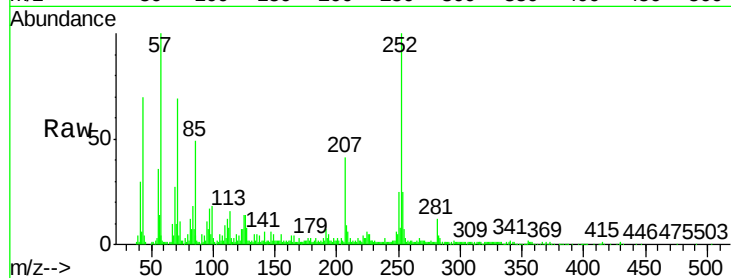
Instrument :

BNA_M

ClientSampleId :

D9Y73MS

Tgt Ion:	252	Resp:	251709
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.2	25.8
125	13.5	7.8	11.6#



#38

Benzo(a)pyrene

Concen: 1.57 ng/ul

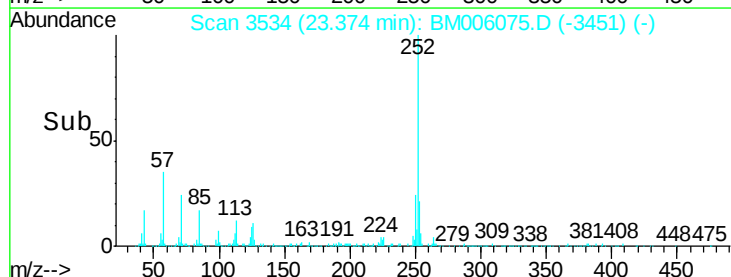
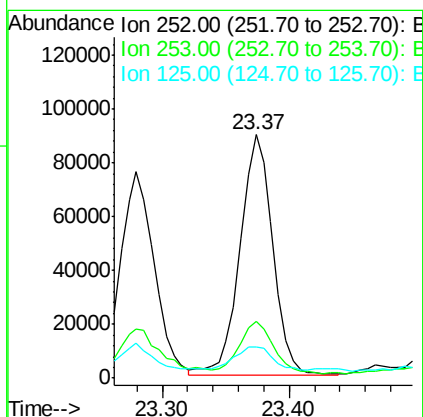
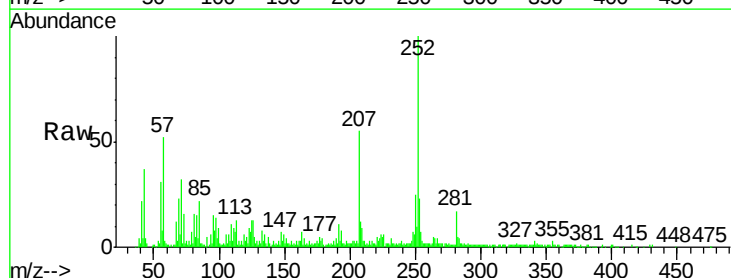
RT: 23.37 min Scan# 3534

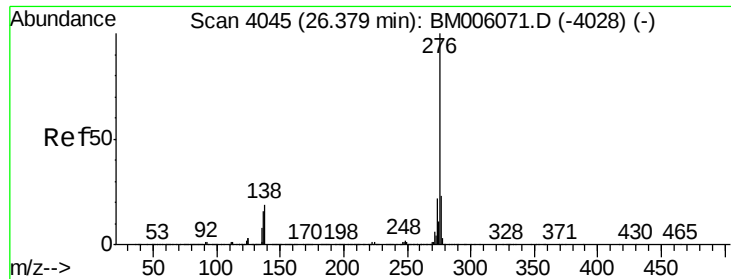
Delta R.T. -0.01 min

Lab File: BM006075.D

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Tgt Ion:	252	Resp:	158824
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	12.7	8.7	13.1





#41

Benzo(g,h,i)perylene

Concen: 1.08 ng/ul

RT: 26.37 min Scan# 4043

Delta R.T. -0.03 min

Lab File: BM006075.D

Acq: 27 Jun 2016 18:21

Instrument :

BNA_M

ClientSampleId :

D9Y73MS

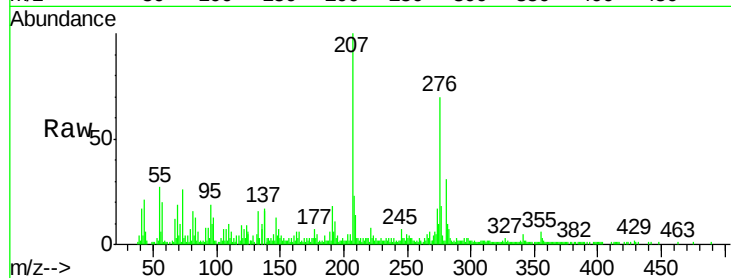
Tgt Ion: 276 Resp: 113106

Ion Ratio Lower Upper

276 100

138 22.3 16.6 25.0

277 25.2 18.9 28.3



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

