

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006073.D
 Acq On : 27 Jun 2016 17:09
 Operator : UM/SJ
 Sample : H3669-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y67

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Quant Time: Jun 28 03:12:26 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	206966	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1151114	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	787368	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1928292	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	2074158	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1920964	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.18	96	4421	0.95	ng/uL	0.00
3) Phenol-d5	6.83	99	221958	10.19	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	132261	10.92	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	166532	10.98	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	164478	8.95	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	89270	10.19	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	93433	9.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	201400	10.77	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	174986	8.62	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	707950	10.50	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	895368	11.45	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	105593	7.34	ng/ul	-0.02
21) Fluorene-d10	15.30	176	651091	11.31	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	52089	4.87	ng/ul	-0.01
26) Anthracene-d10	17.16	188	1040678	11.75	ng/ul	0.00
30) Pyrene-d10	19.46	212	1214289	13.36	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	941656	10.86	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.10	178	710017	6.85	ng/ul	99
27) Anthracene	17.19	178	118000	1.10	ng/ul	99
28) Fluoranthene	19.12	202	1216873	9.16	ng/ul	99
31) Pyrene	19.49	202	970129	8.17	ng/ul	96
32) Benzo(a)anthracene	21.23	228	494092	4.01	ng/ul	97
33) Chrysene	21.29	228	561433	4.99	ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	696251	6.24	ng/ul#	95
36) Benzo(k)fluoranthene	22.84	252	197120m	1.90	ng/ul	
38) Benzo(a)pyrene	23.37	252	411733	3.85	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.69	276	311929m	2.45	ng/ul	
41) Benzo(g,h,i)perylene	26.37	276	284851	2.58	ng/ul	97

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

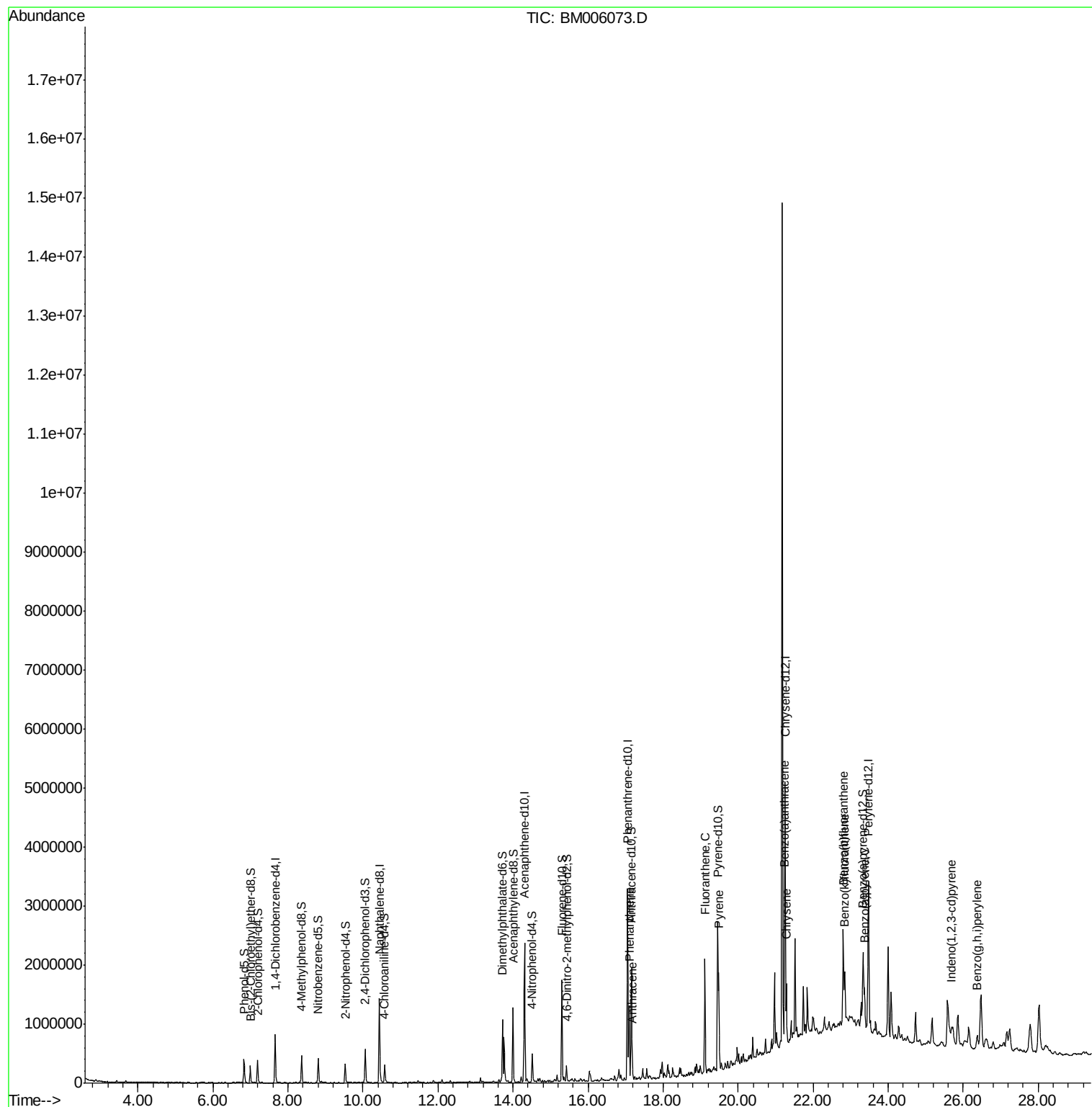
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006073.D
Acq On : 27 Jun 2016 17:09
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ALS Vial : 8 Sample Multiplier: 1

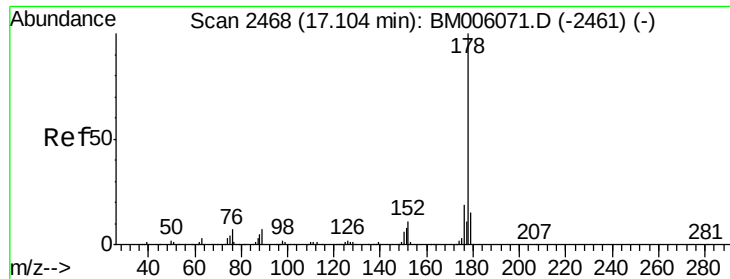
Instrument :
BNA_M
ClientSampleId :
D9Y67

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Quant Time: Jun 28 03:12:26 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





#25

Phenanthrene

Concen: 6.85 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM006073.D

Acq: 27 Jun 2016 17:09

Instrument :

BNA_M

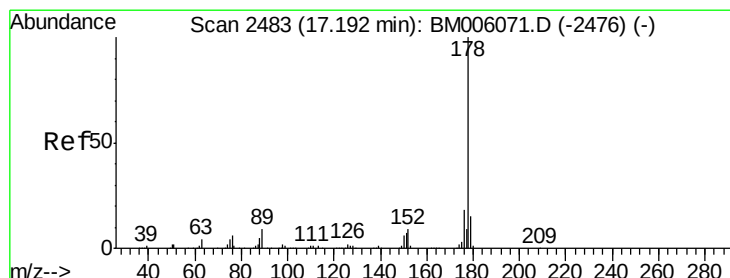
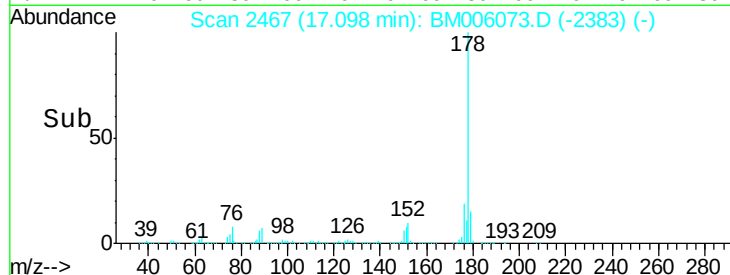
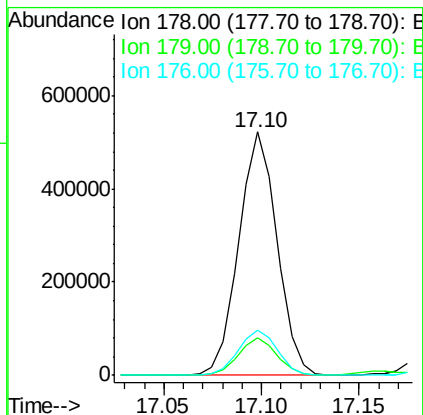
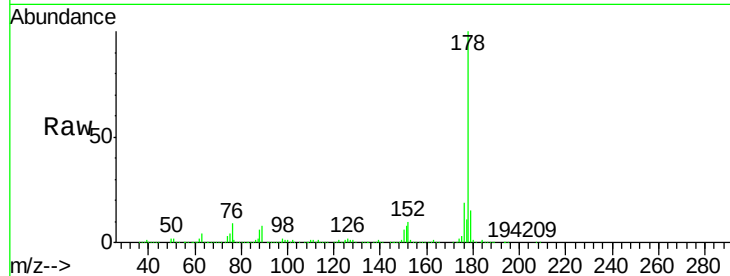
ClientSampleId :

D9Y67

Tgt Ion:	178	Resp:	710017
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.2
176	18.5	15.3	22.9

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#27

Anthracene

Concen: 1.10 ng/ul

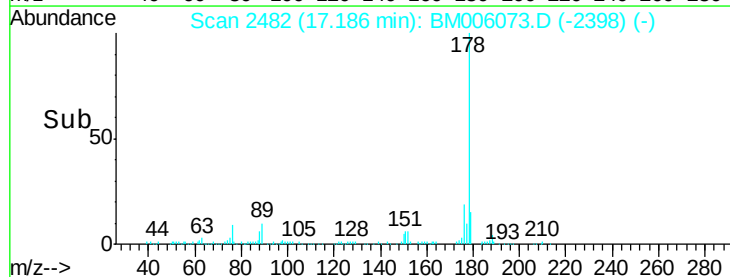
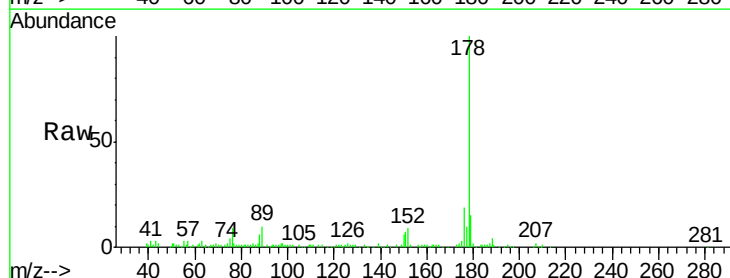
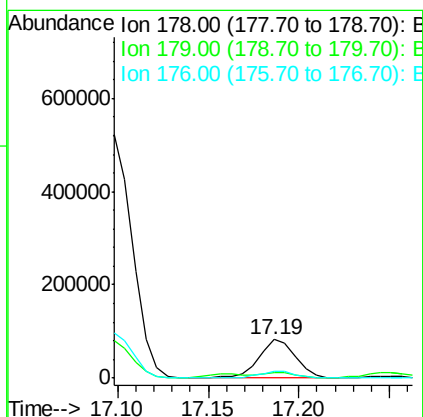
RT: 17.19 min Scan# 2482

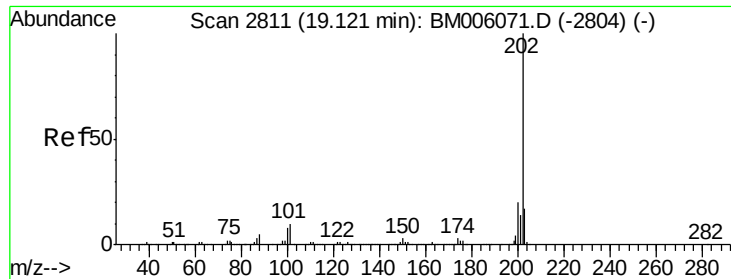
Delta R.T. -0.01 min

Lab File: BM006073.D

Acq: 27 Jun 2016 17:09

Tgt Ion:	178	Resp:	118000
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	18.8	14.6	22.0





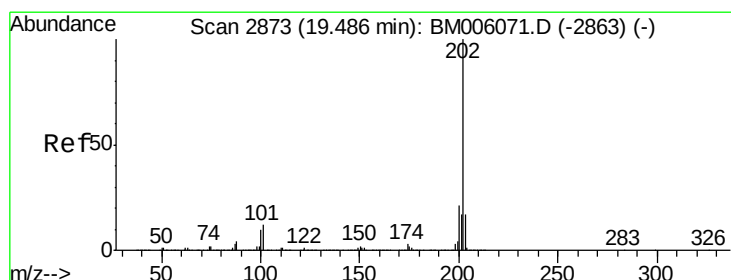
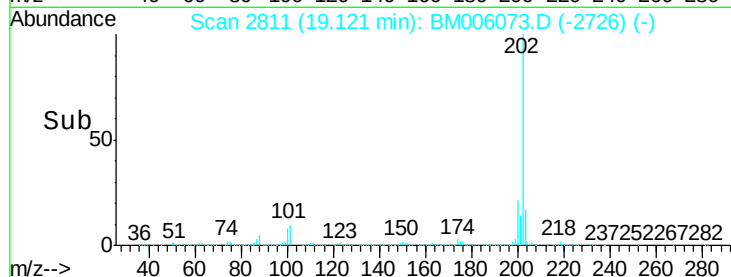
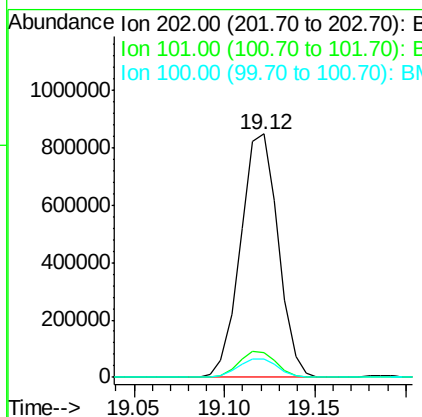
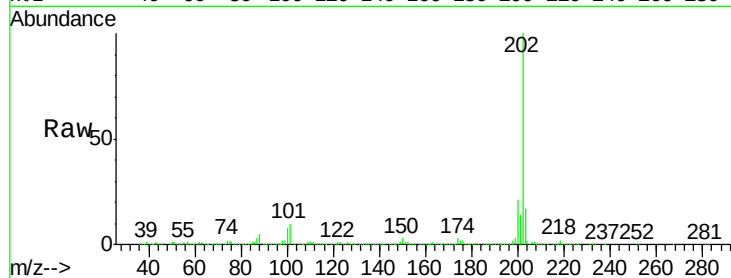
#28
Fluoranthene
Concen: 9.16 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006073.D
Acq: 27 Jun 2016 17:09

Instrument :
BNA_M
ClientSampleId :
D9Y67

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.5	12.7
100	7.6	6.5	9.7

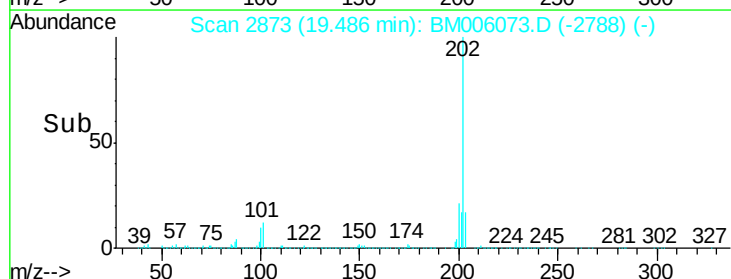
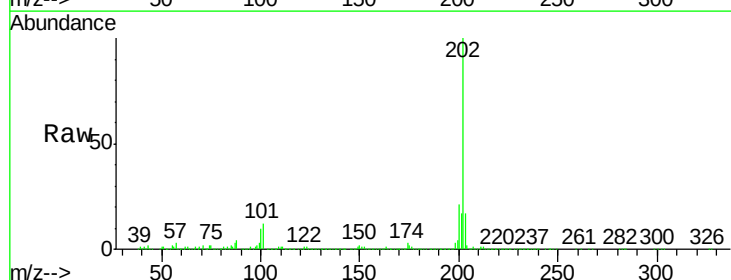
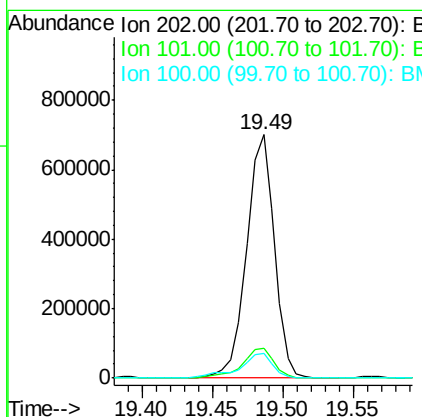
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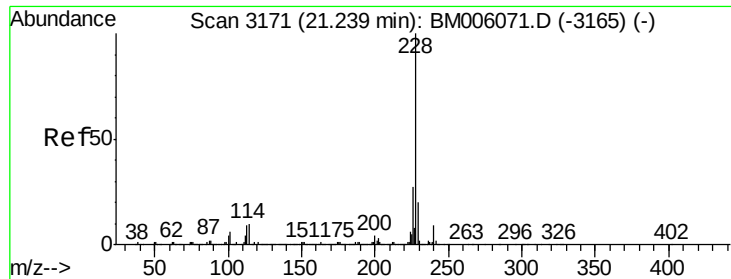
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#31
Pyrene
Concen: 8.17 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM006073.D
Acq: 27 Jun 2016 17:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.0	16.4
100	10.0	8.9	13.3





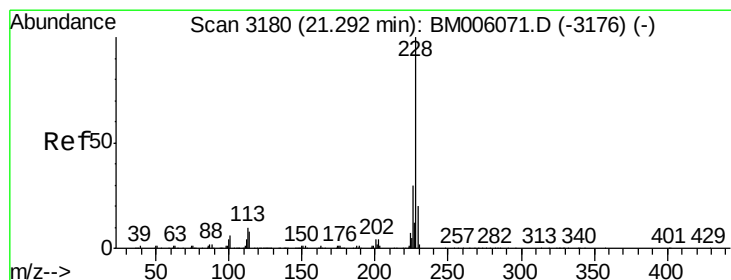
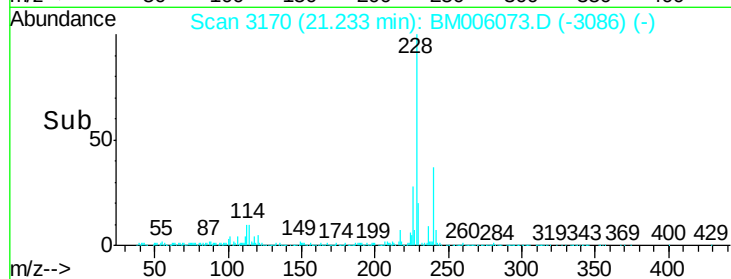
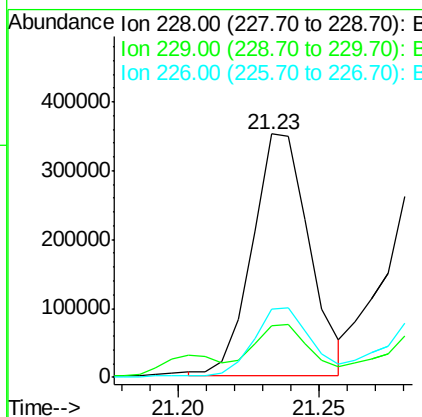
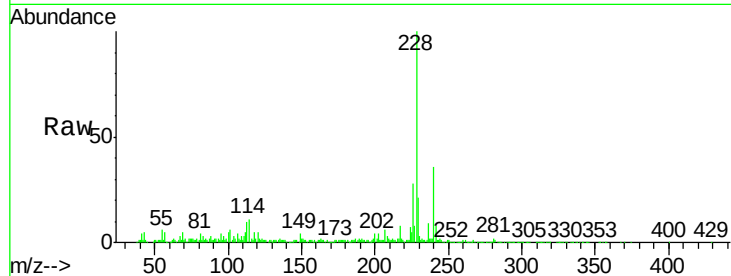
#32
Benzo(a)anthracene
Concen: 4.01 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BM006073.D
Acq: 27 Jun 2016 17:09

Instrument :
BNA_M
ClientSampleId :
D9Y67

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.4	15.6	23.4
226	28.3	21.6	32.4

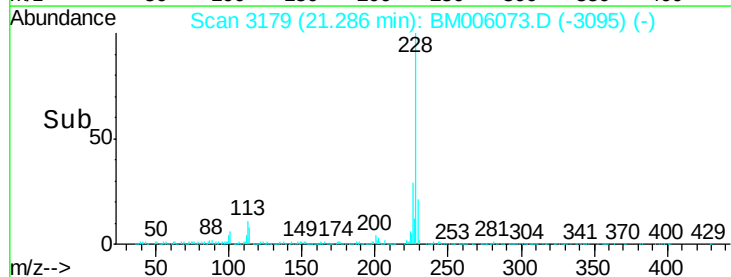
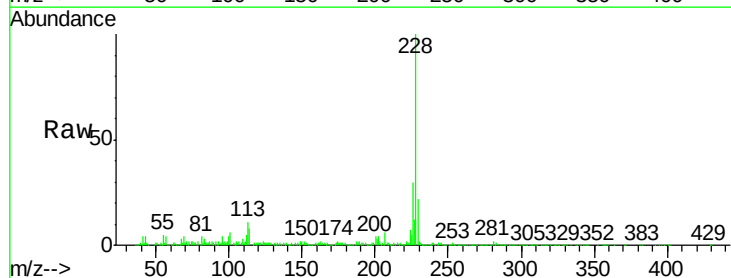
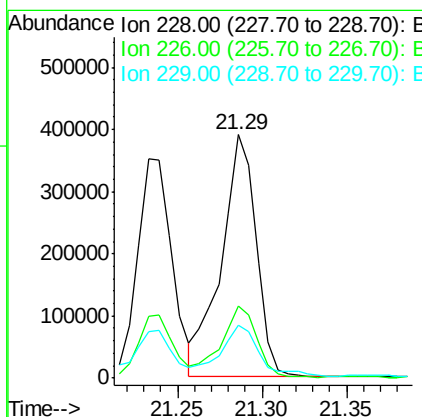
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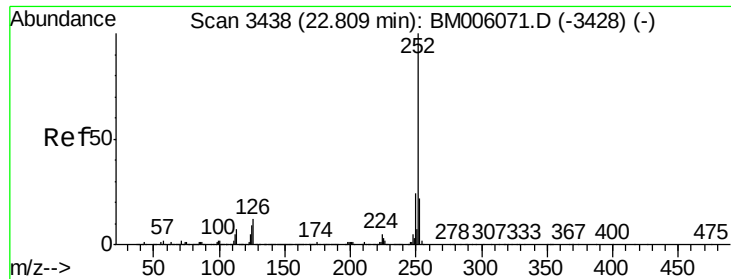
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#33
Chrysene
Concen: 4.99 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM006073.D
Acq: 27 Jun 2016 17:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	23.8	35.6
229	21.9	15.8	23.6





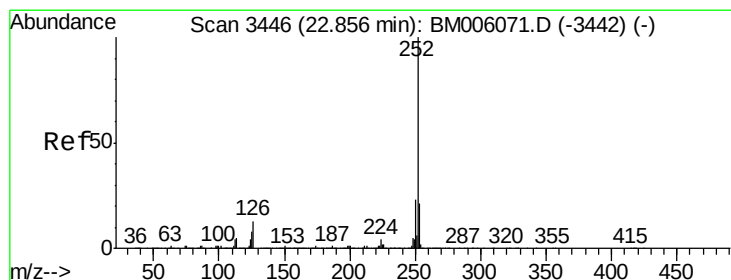
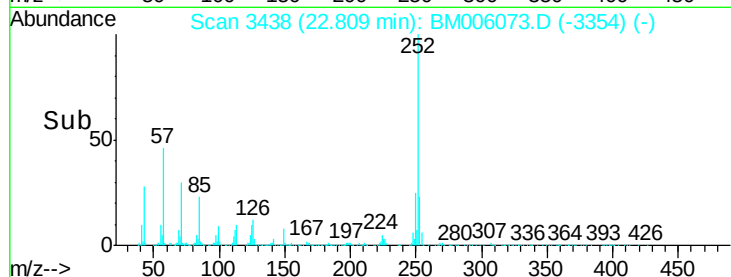
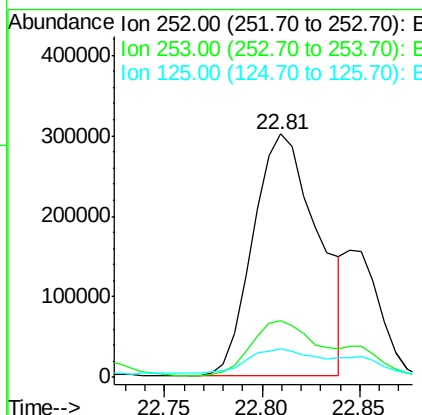
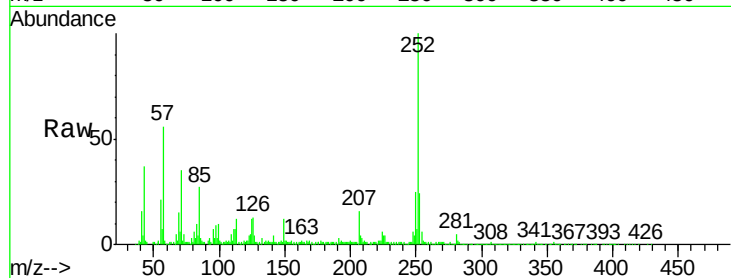
#35
Benzo(b)fluoranthene
Concen: 6.24 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006073.D
Acq: 27 Jun 2016 17:09

Instrument :
BNA_M
ClientSampleId :
D9Y67

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.2	25.8
125	11.8	7.8	11.6

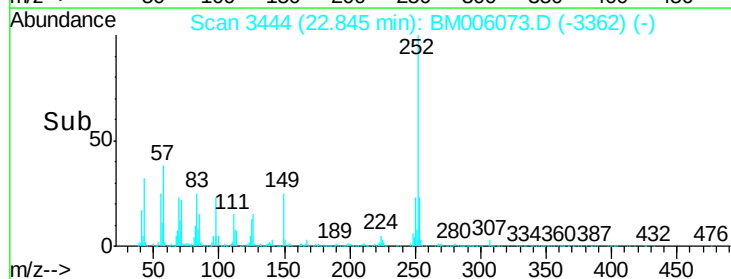
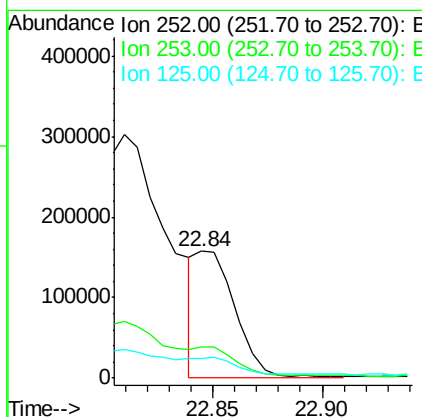
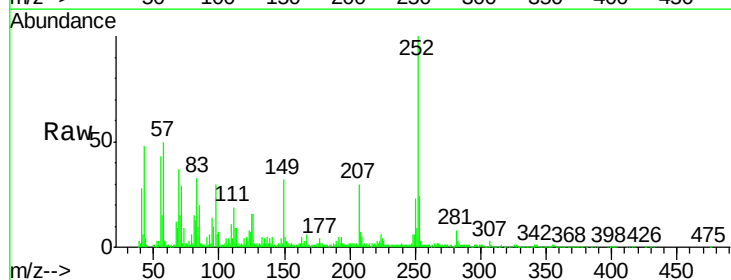
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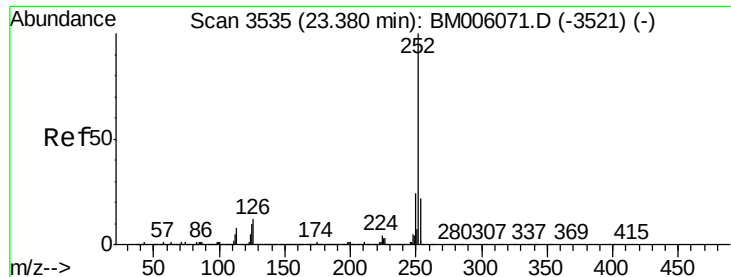
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#36
Benzo(k)fluoranthene
Concen: 1.90 ng/ul m
RT: 22.84 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BM006073.D
Acq: 27 Jun 2016 17:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.2	17.6	26.4
125	15.9	8.1	12.1





#38

Benzo(a)pyrene

Concen: 3.85 ng/ul

RT: 23.37 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BM006073.D

Acq: 27 Jun 2016 17:09

Instrument :

BNA_M

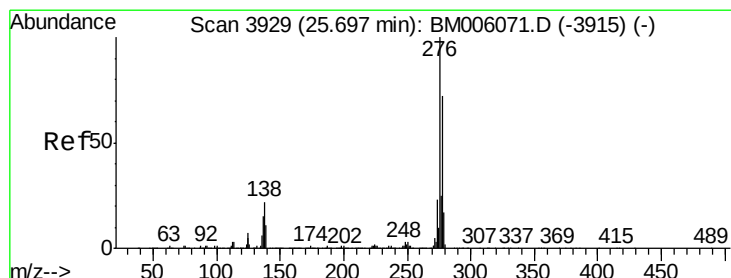
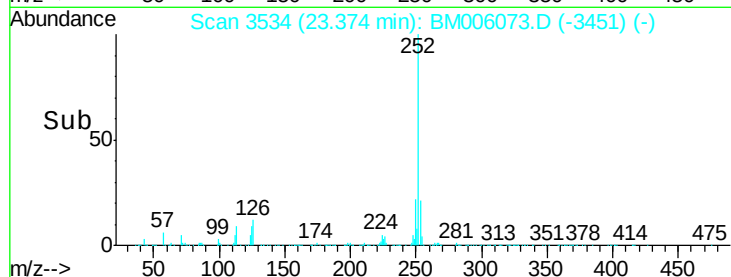
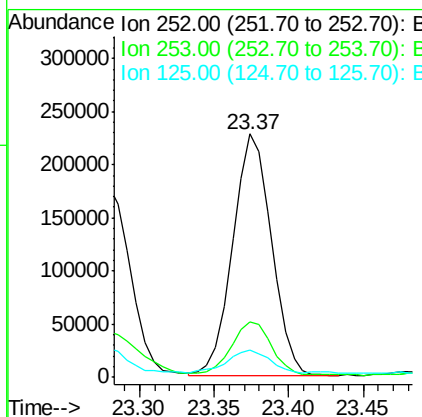
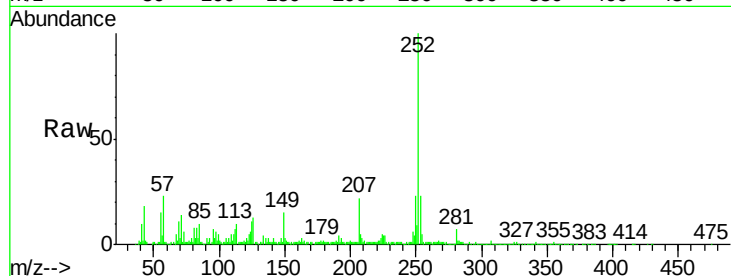
ClientSampleId :

D9Y67

Tgt Ion:	252	Resp:	411733
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	11.1	8.7	13.1

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#39

Indeno(1,2,3-cd)pyrene

Concen: 2.45 ng/ul m

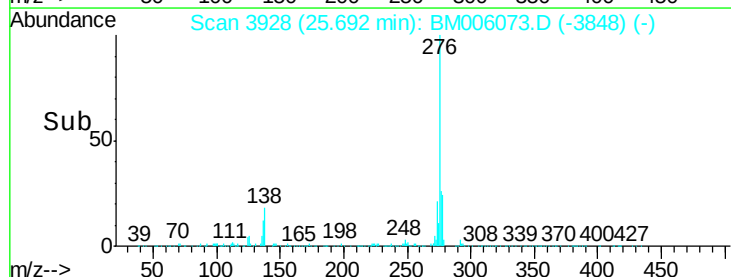
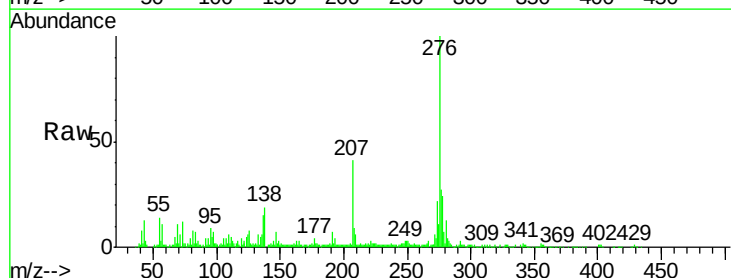
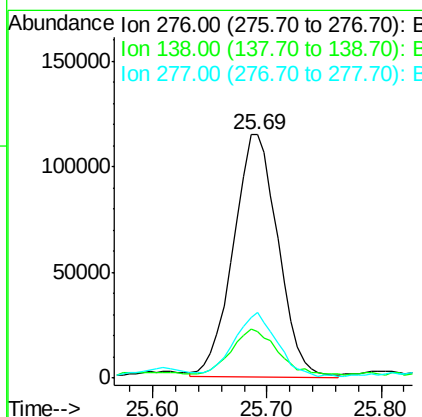
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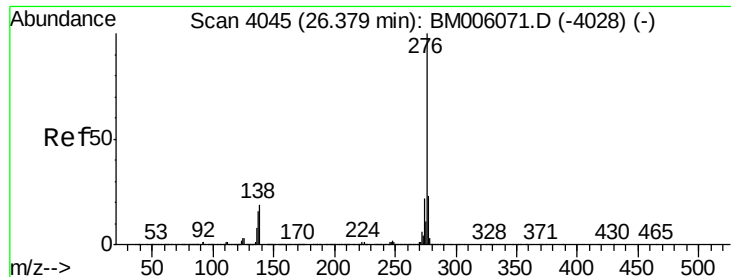
Delta R.T. -0.03 min

Lab File: BM006073.D

Acq: 27 Jun 2016 17:09

Tgt Ion:	276	Resp:	311929
Ion Ratio	Lower	Upper	
276	100		
138	19.4	20.4	30.6#
277	26.8	20.6	30.8





#41
 Benzo(g,h,i)perylene
 Concen: 2.58 ng/ul
 RT: 26.37 min Scan# 4044
 Delta R.T. -0.02 min
 Lab File: BM006073.D
 Acq: 27 Jun 2016 17:09

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	276	Resp:	284851
Ion Ratio	Lower	Upper	
276	100		
138	19.9	16.6	25.0
277	25.3	18.9	28.3

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