

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
 Data File : BM006971.D
 Acq On : 07 Aug 2016 11:41
 Operator : UM/SJ
 Sample : H4302-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA0G6

Manual Integrations
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Quant Time: Aug 08 05:07:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 03:51:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	188345	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	911143	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	599009	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1436771	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1459926	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1091348	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	7016	1.70	ng/uL	0.00
3) Phenol-d5	6.76	99	339883	19.03	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	255127	22.78	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	286185	22.45	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	237410	15.93	ng/ul	0.00
8) Nitrobenzene-d5	8.71	128	155863	23.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	187318	23.11	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	328768	21.40	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	362262	19.75	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1254254	23.79	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1498081	24.57	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	95145	12.44	ng/ul	0.02
21) Fluorene-d10	15.21	176	1107666	24.72	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	145601	24.54	ng/ul	0.00
26) Anthracene-d10	17.06	188	1710529	24.64	ng/ul	0.00
30) Pyrene-d10	19.37	212	2057811	29.57	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1353916	26.05	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Phenanthrene	17.00	178	100363	1.25	ng/ul	98
28) Fluoranthene	19.03	202	301074	3.08	ng/ul#	97
31) Pyrene	19.40	202	310860m	3.43	ng/ul	
32) Benzo(a)anthracene	21.16	228	219328	2.53	ng/ul	97
33) Chrysene	21.21	228	204892	2.69	ng/ul	99
35) Benzo(b)fluoranthene	22.71	252	303567	4.26	ng/ul	98
36) Benzo(k)fluoranthene	22.74	252	91701m	1.33	ng/ul	
38) Benzo(a)pyrene	23.26	252	173982m	2.69	ng/ul	
39) Indeno(1,2,3-cd)pyrene	25.54	276	119097	1.82	ng/ul	94
41) Benzo(g,h,i)perylene	26.21	276	128483	2.49	ng/ul	98

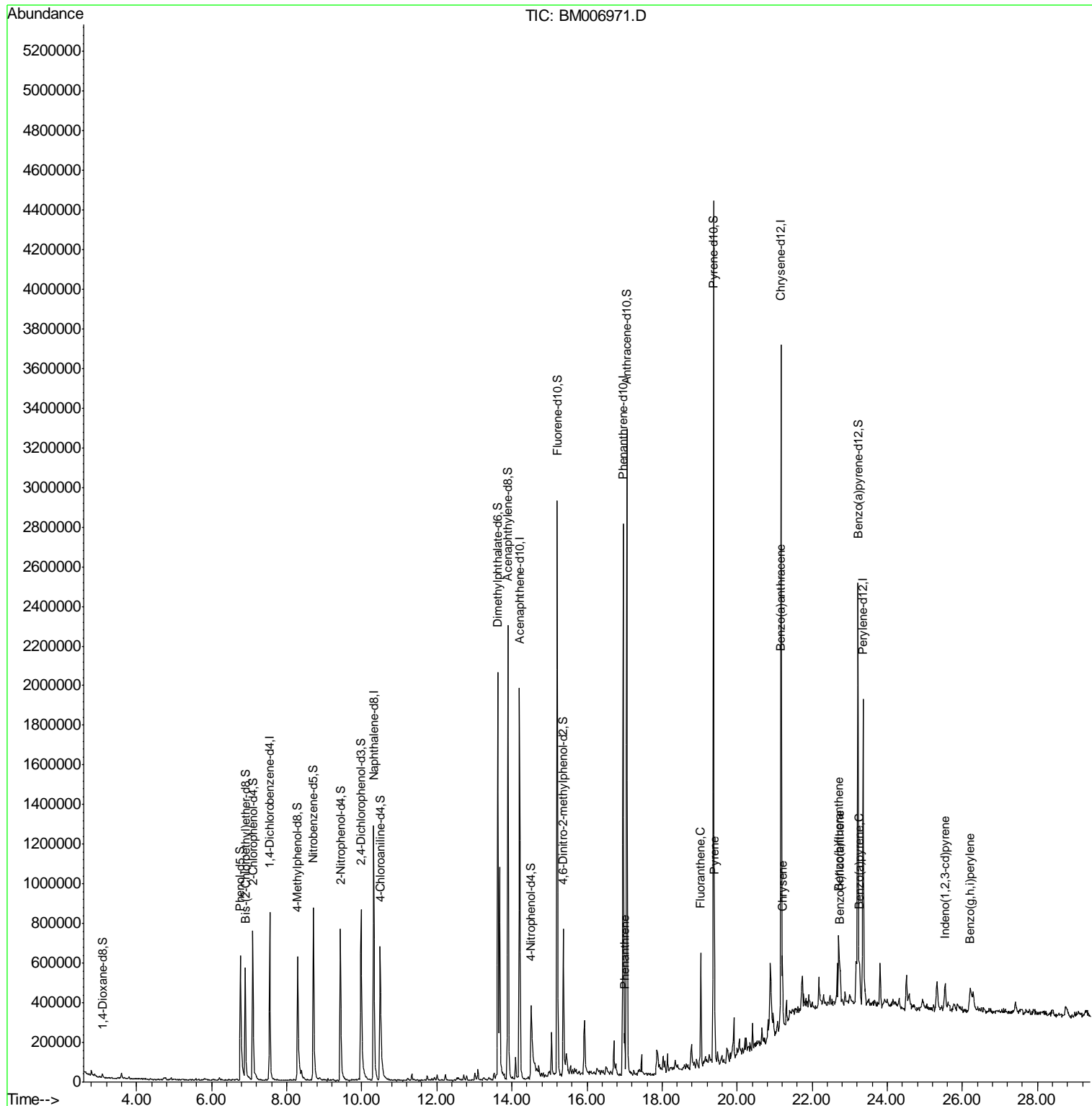
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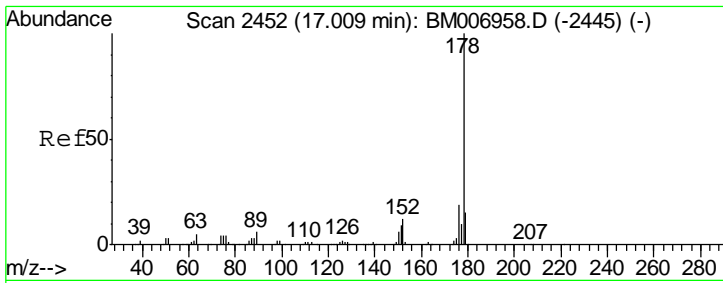
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
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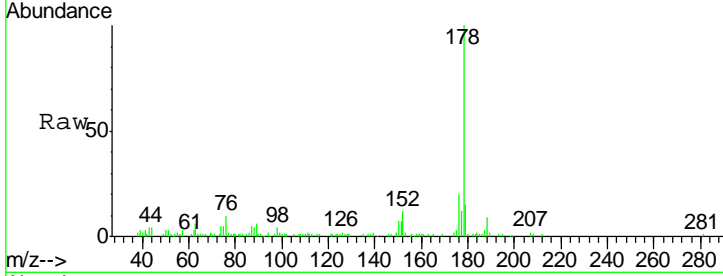
Quant Time: Aug 08 05:07:02 2016
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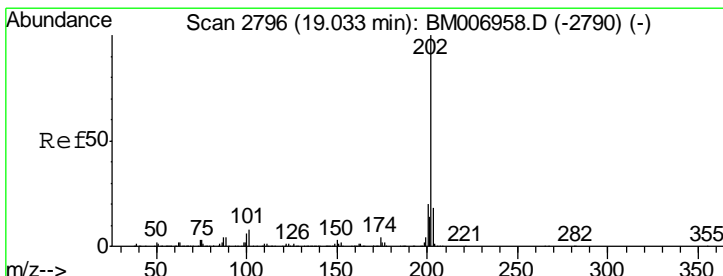
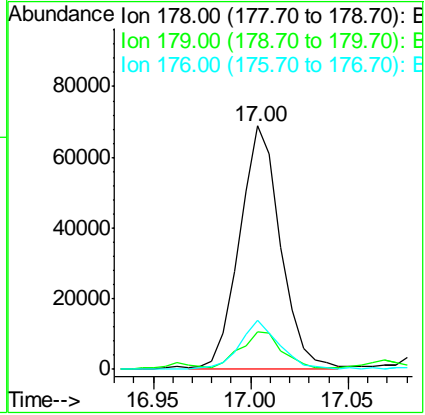
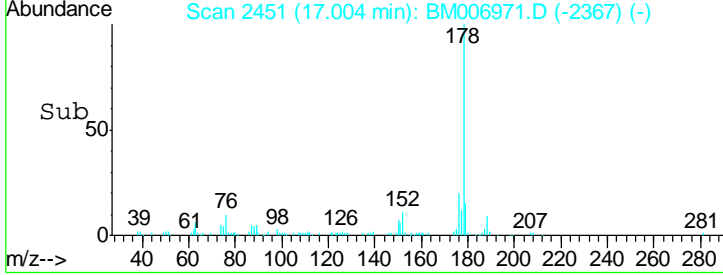
#25
 Phenanthrene
 Concen: 1.25 ng/ul
 RT: 17.00 min Scan# 2451
 Delta R.T. -0.01 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

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 BNA_M
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 DA0G6

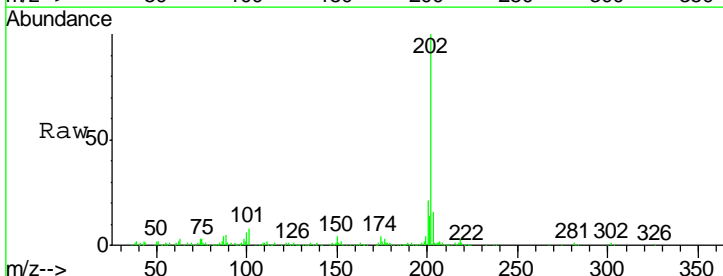


Tgt Ion	Resp	Lower	Upper
178	100363		
179	15.4	12.0	18.0
176	20.0	15.0	22.4

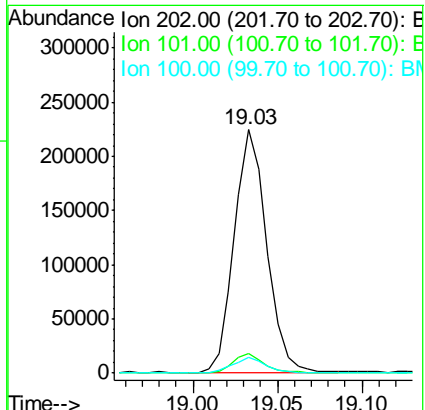
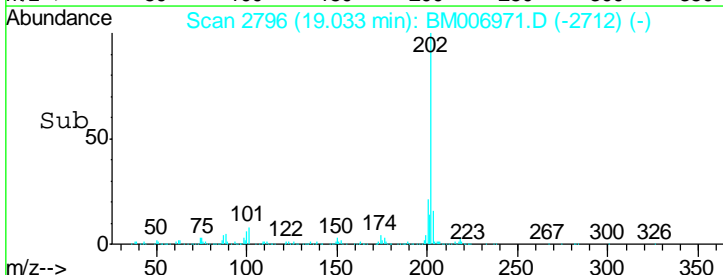
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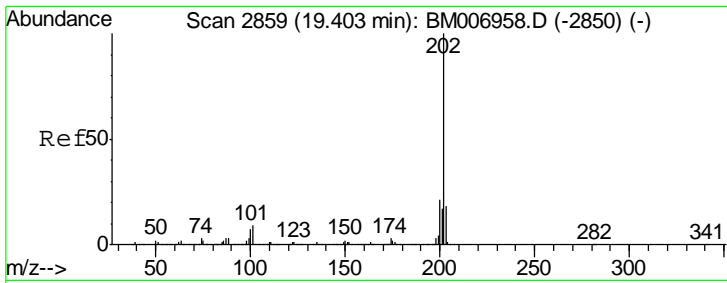


#28
 Fluoranthene
 Concen: 3.08 ng/ul
 RT: 19.03 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM006971.D
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Tgt Ion	Resp	Lower	Upper
202	301074		
101	8.1	5.6	8.4
100	6.5	4.2	6.4#





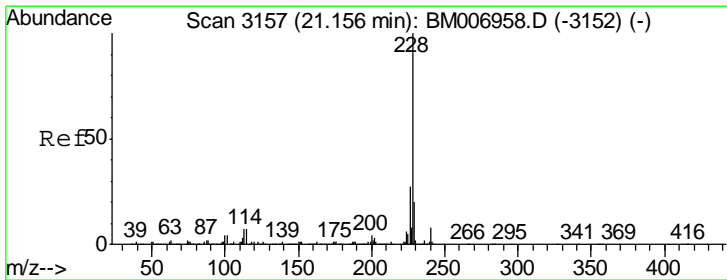
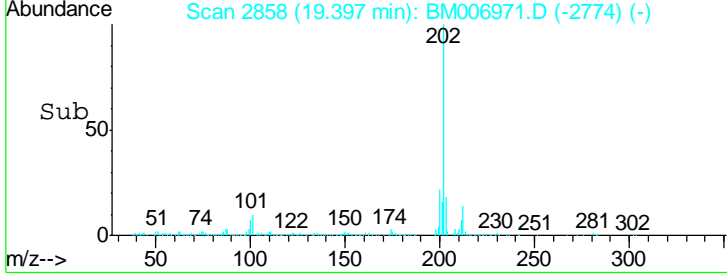
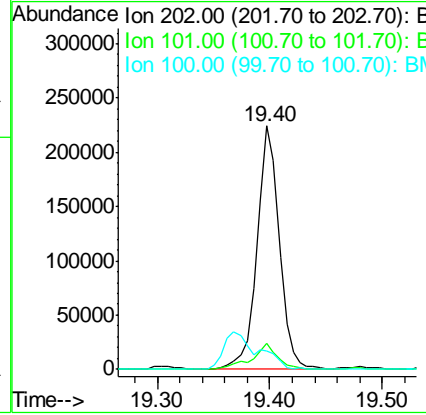
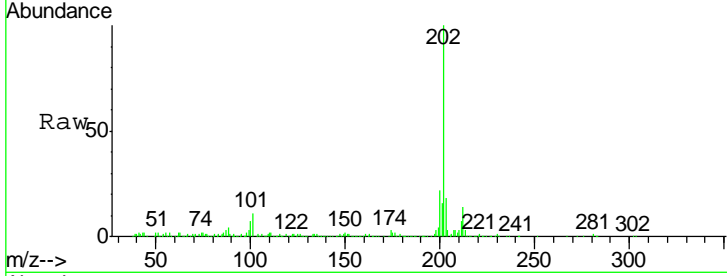
#31
 Pyrene
 Concen: 3.43 ng/ul m
 RT: 19.40 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

Instrument :
 BNA_M
ClientSampled :
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Tgt Ion	Resp	Lower	Upper
202	310860		
101	10.7	6.4	9.6#
100	7.5	5.4	8.2

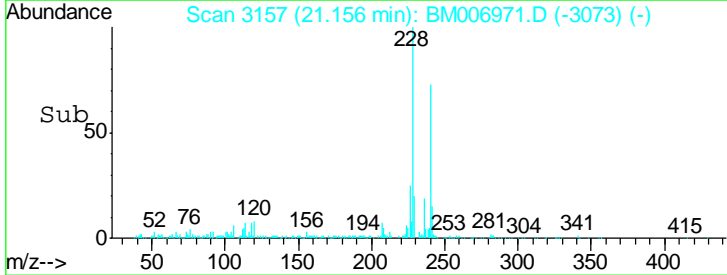
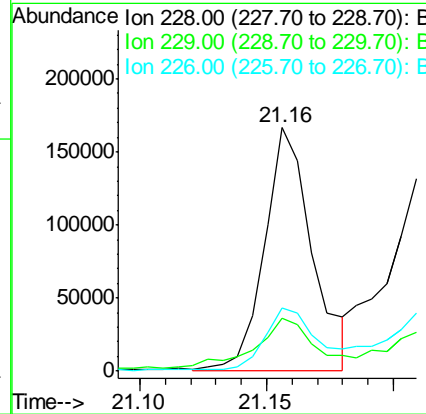
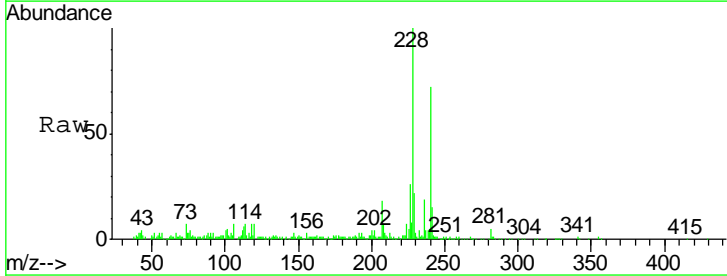
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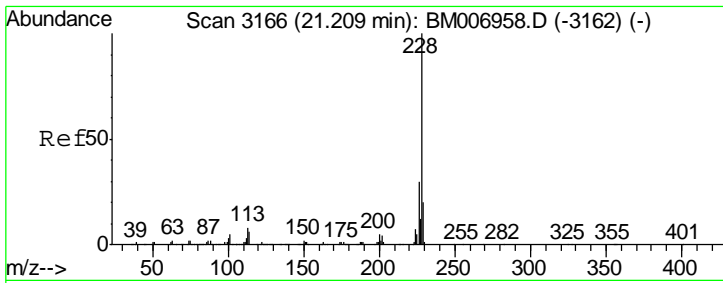
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#32
 Benzo(a)anthracene
 Concen: 2.53 ng/ul
 RT: 21.16 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

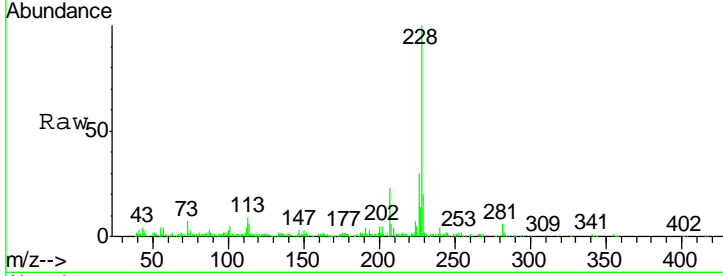
Tgt Ion	Resp	Lower	Upper
228	219328		
229	21.6	15.2	22.8
226	25.7	21.3	31.9





#33
 Chrysene
 Concen: 2.69 ng/ul
 RT: 21.21 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

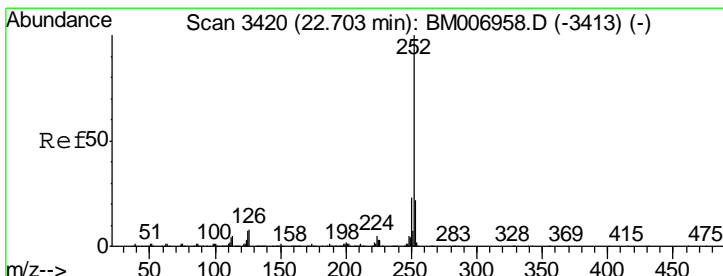
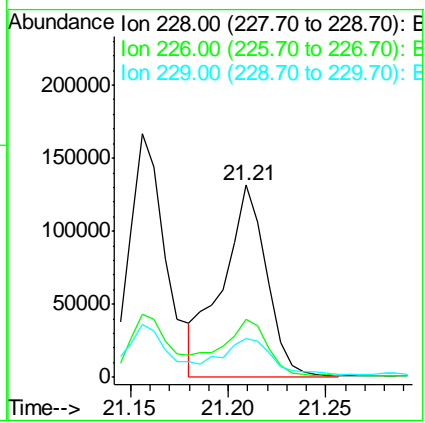
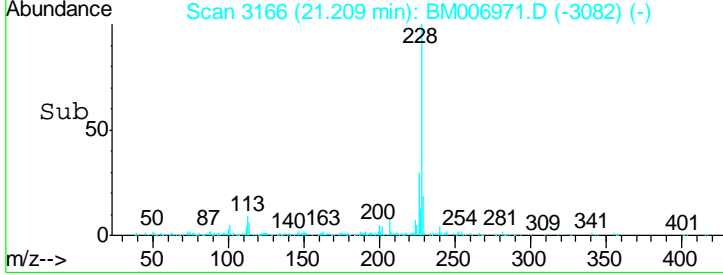
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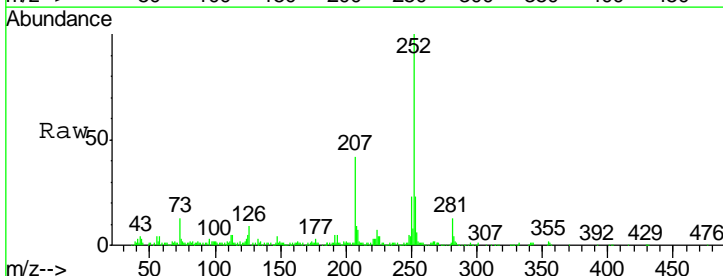
Tgt Ion: 228 Resp: 204892

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.9	15.1	22.7

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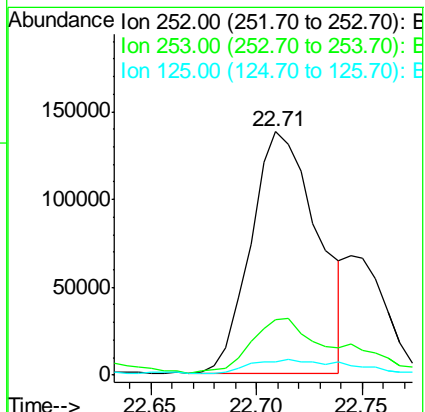
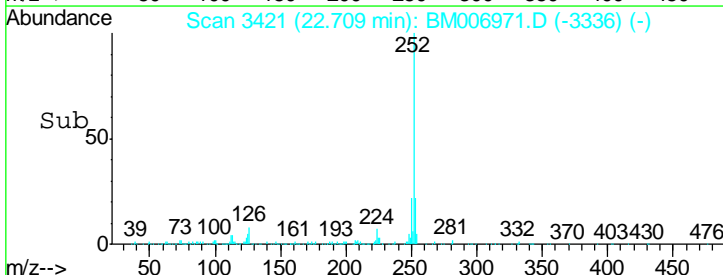


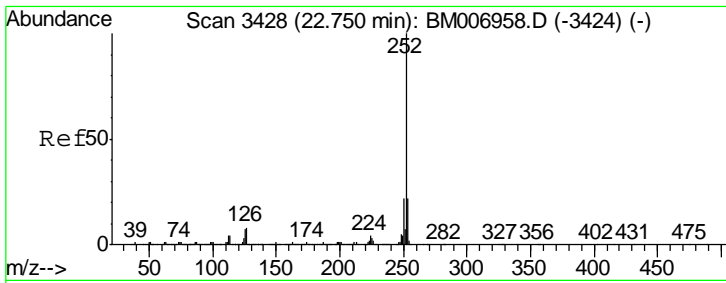
#35
 Benzo(b)fluoranthene
 Concen: 4.26 ng/ul
 RT: 22.71 min Scan# 3421
 Delta R.T. 0.00 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41



Tgt Ion: 252 Resp: 303567

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	5.5	5.1	7.7





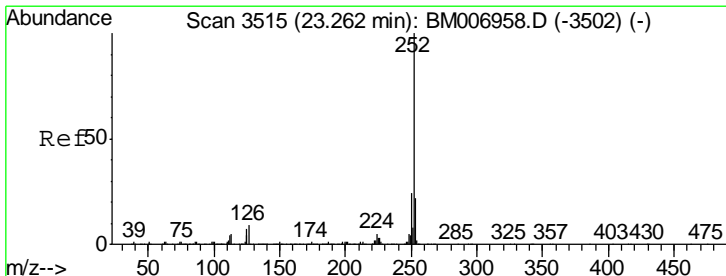
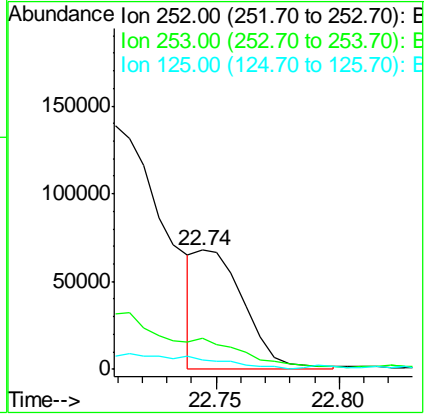
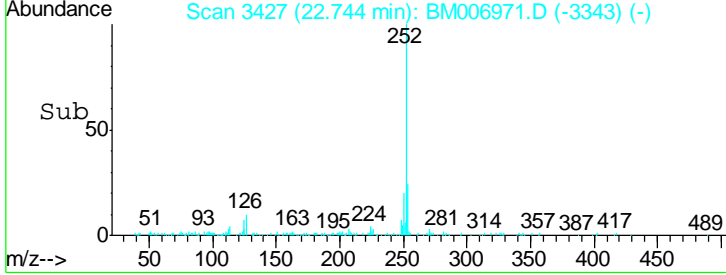
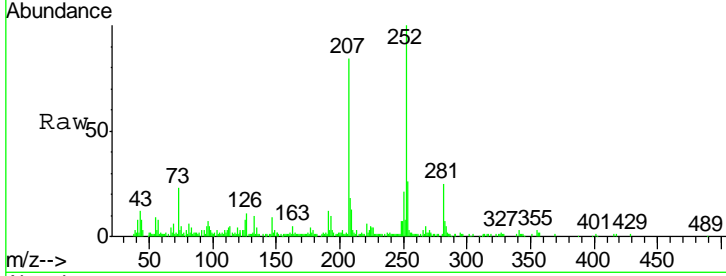
#36
 Benzo(k)fluoranthene
 Concen: 1.33 ng/ul m
 RT: 22.74 min Scan# 3427
 Delta R.T. -0.01 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

Instrument :
 BNA_M
 ClientSampled :
 DA0G6

Tgt Ion	Resp	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	8.3	5.1	7.7#

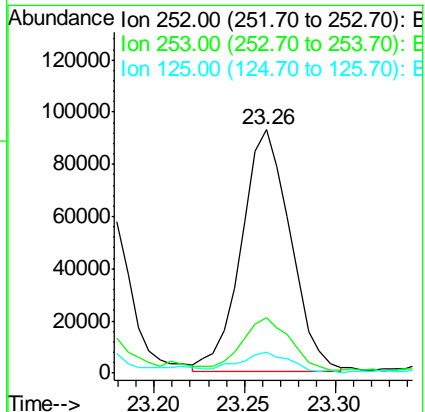
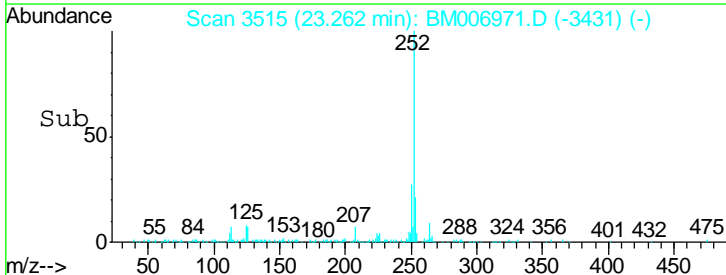
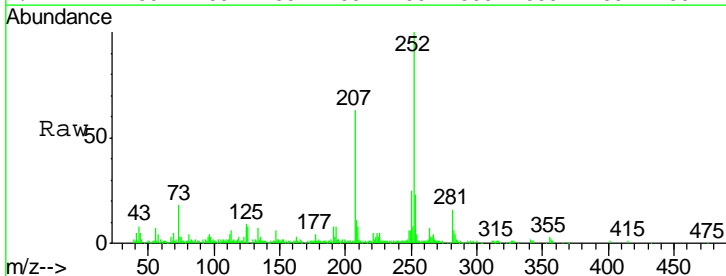
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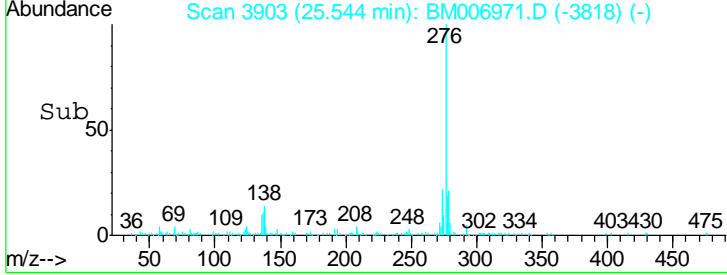
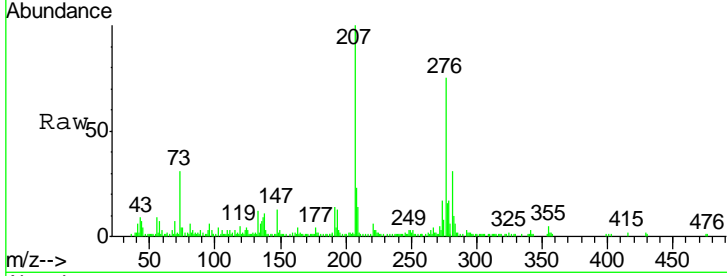
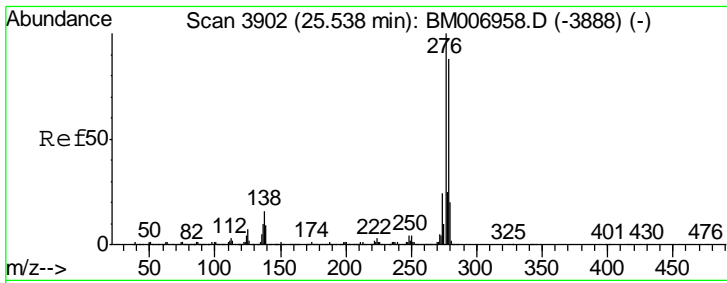
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#38
 Benzo(a)pyrene
 Concen: 2.69 ng/ul m
 RT: 23.26 min Scan# 3515
 Delta R.T. -0.01 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.7	5.6	8.4#



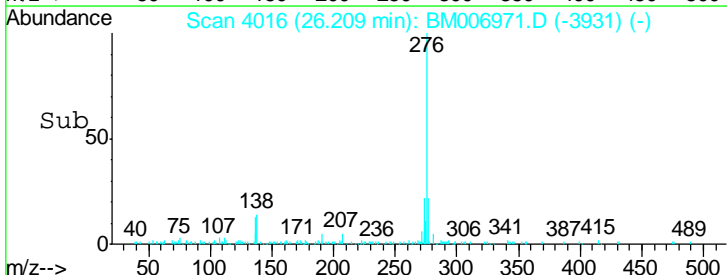
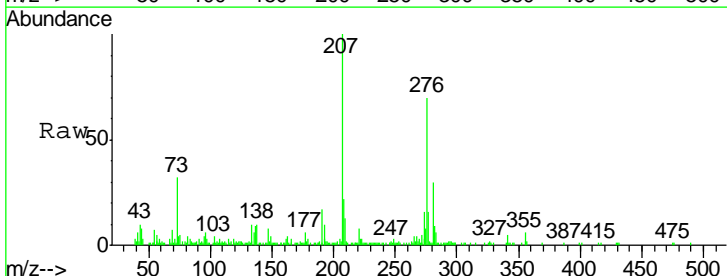
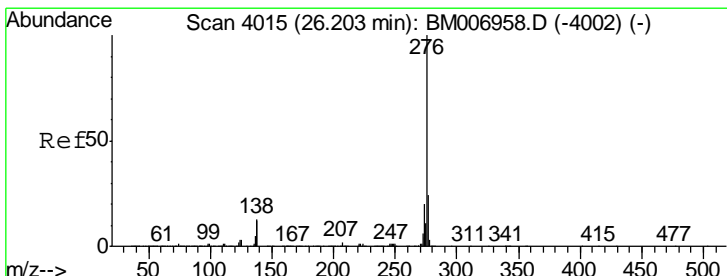
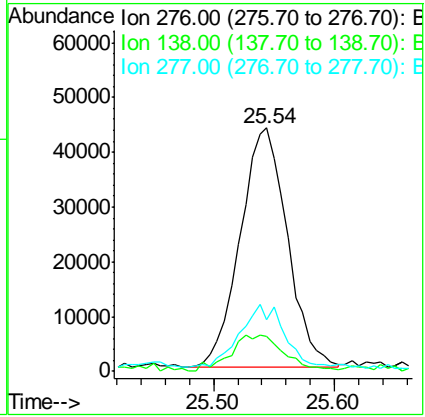


#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.82 ng/ul
 RT: 25.54 min Scan# 3903
 Delta R.T. 0.00 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.6	19.0
277	21.4	20.3	30.5

Instrument :
 BNA_M
 ClientSampled :
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#41
 Benzo(g,h,i)perylene
 Concen: 2.49 ng/ul
 RT: 26.21 min Scan# 4016
 Delta R.T. 0.00 min
 Lab File: BM006971.D
 Acq: 07 Aug 2016 11:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	10.9	16.3
277	22.6	18.6	27.8

