

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
 Data File : BM006068.D
 Acq On : 27 Jun 2016 12:57
 Operator : UM/SJ
 Sample : H3669-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y56

Manual Integrations
 APPROVED

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Quant Time: Jun 28 02:25:19 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	156146	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	856675	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	604987	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1547427	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1782997	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1647003	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	2290	0.65	ng/uL	0.00
3) Phenol-d5	6.83	99	113799	6.93	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	81102	8.87	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	91955	8.04	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	71966	5.19	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	41757	6.40	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	37601	5.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	105352	7.57	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	99292	6.57	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	428472	8.27	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	557819	9.29	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	33909	3.07	ng/ul	-0.02
21) Fluorene-d10	15.30	176	422453	9.55	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	16052	1.87	ng/ul	-0.01
26) Anthracene-d10	17.16	188	683947	9.62	ng/ul	0.00
30) Pyrene-d10	19.46	212	836072	10.70	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	702602	9.45	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.10	178	93301	1.12	ng/ul	97
28) Fluoranthene	19.12	202	359498	3.37	ng/ul	99
31) Pyrene	19.49	202	325266	3.19	ng/ul	98
32) Benzo(a)anthracene	21.24	228	159385	1.50	ng/ul	98
33) Chrysene	21.29	228	271162	2.80	ng/ul	98
35) Benzo(b)fluoranthene	22.81	252	402494	4.21	ng/ul	96
36) Benzo(k)fluoranthene	22.84	252	114640m	1.29	ng/ul	
38) Benzo(a)pyrene	23.37	252	170915	1.86	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.69	276	133902	1.22	ng/ul	97
41) Benzo(g,h,i)perylene	26.37	276	124507	1.32	ng/ul	98

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

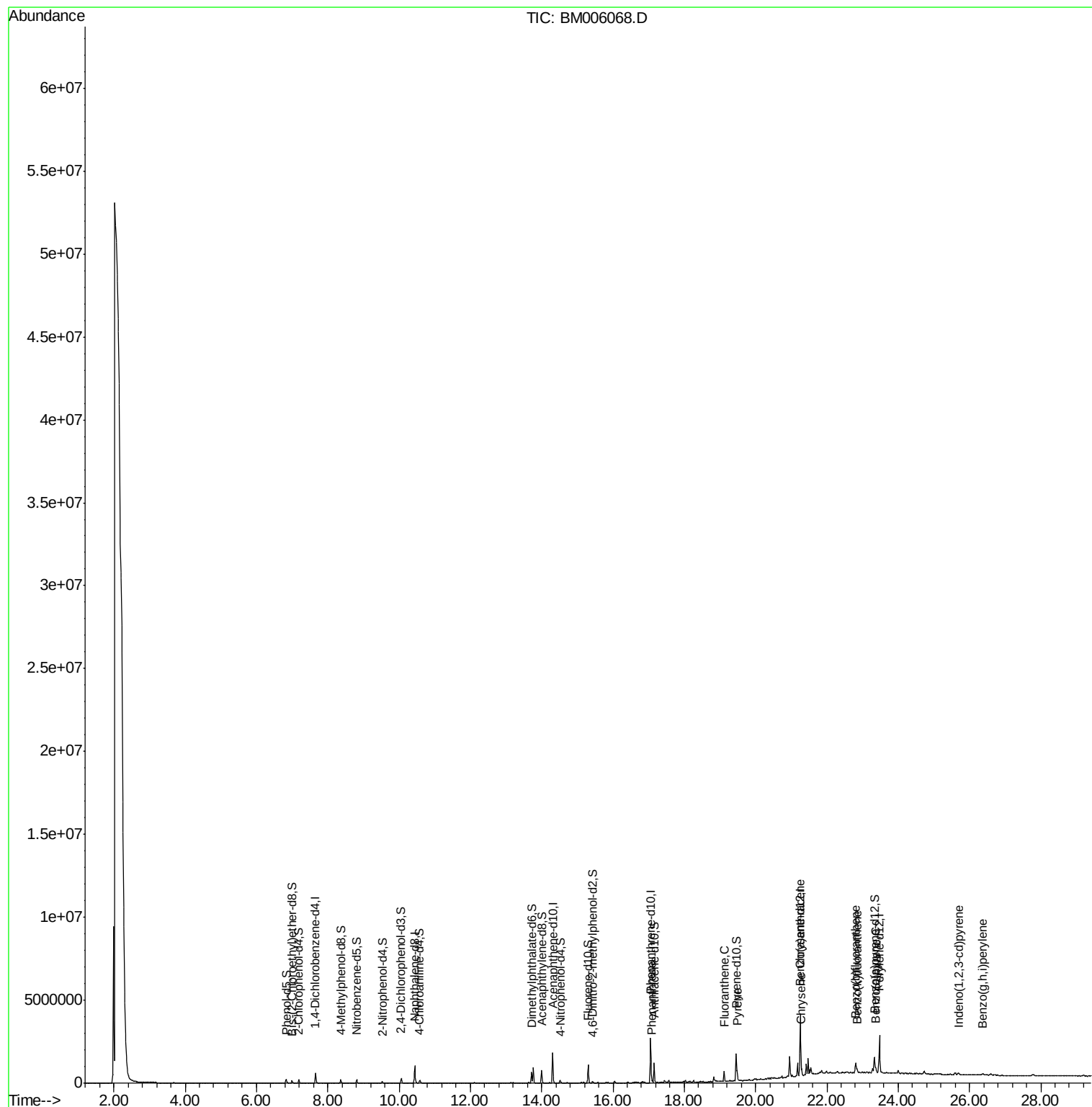
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
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Acq On : 27 Jun 2016 12:57
Operator : UM/SJ
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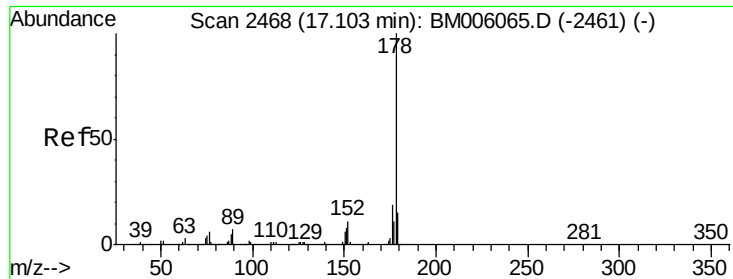
Instrument :
BNA_M
ClientSampleId :
D9Y56

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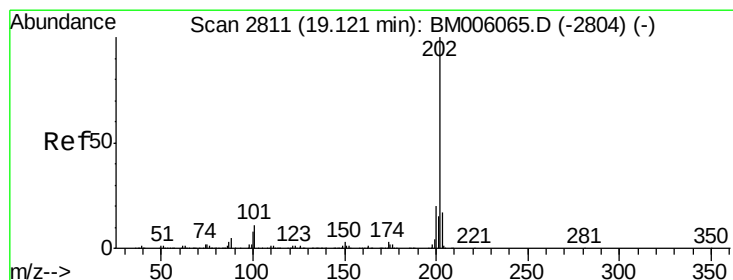
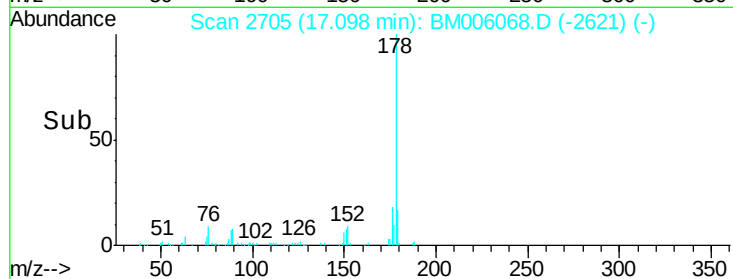
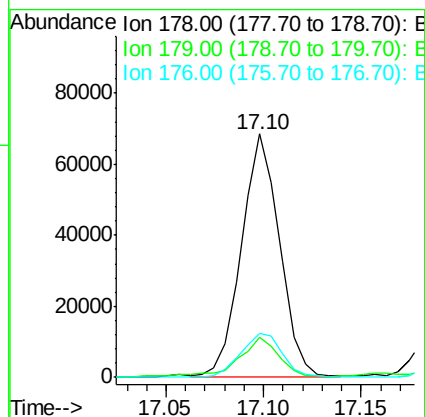
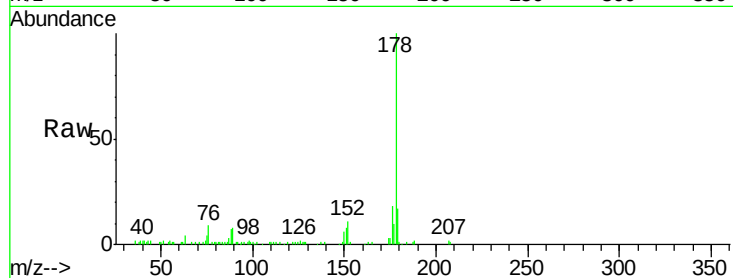
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Phenanthrene
Concen: 1.12 ng/ul
RT: 17.10 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BM006068.D
Acq: 27 Jun 2016 12:57

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.6	12.2	18.2
176	18.1	15.3	22.9

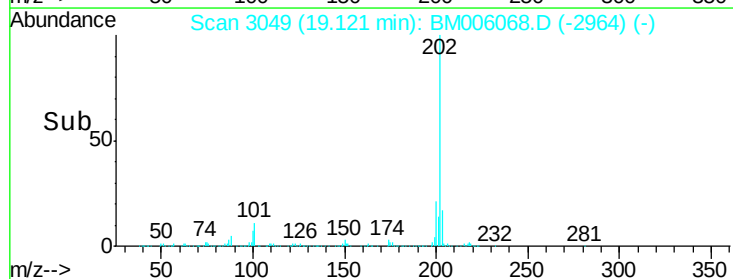
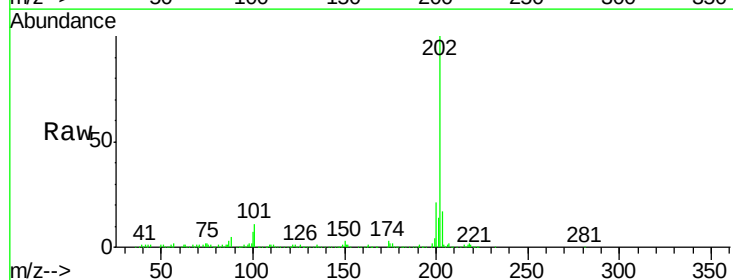
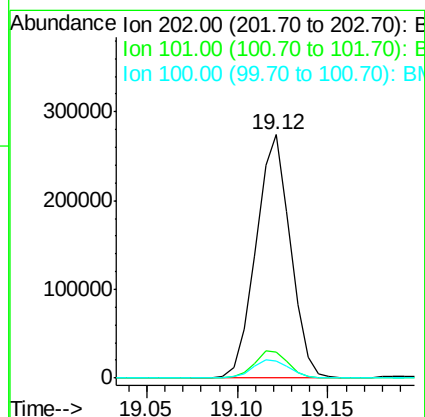
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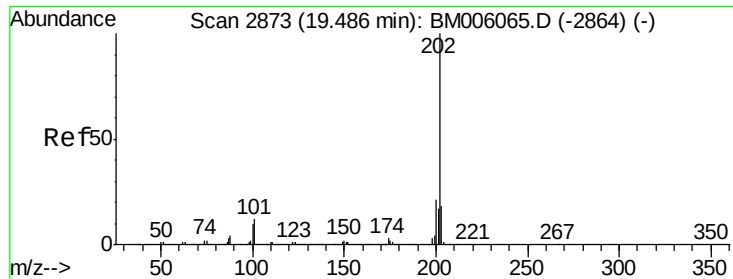
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#28
Fluoranthene
Concen: 3.37 ng/ul
RT: 19.12 min Scan# 3049
Delta R.T. 0.00 min
Lab File: BM006068.D
Acq: 27 Jun 2016 12:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	8.5	12.7
100	7.2	6.5	9.7





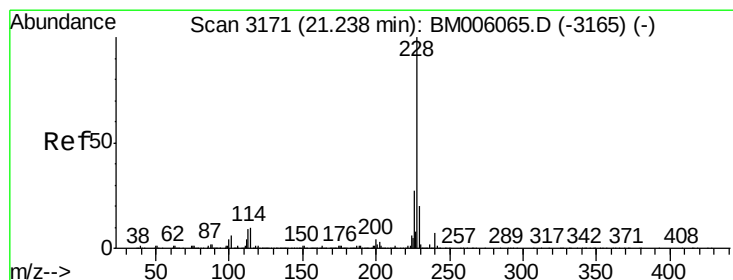
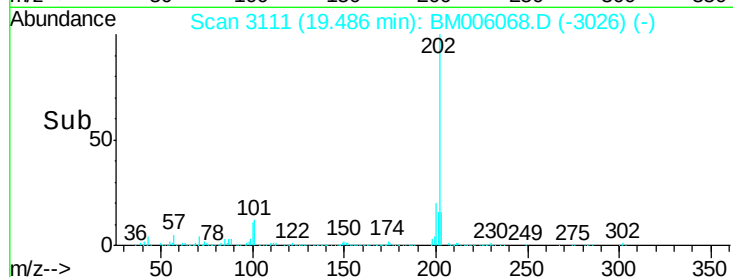
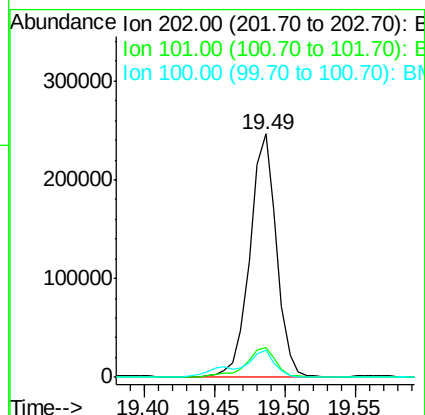
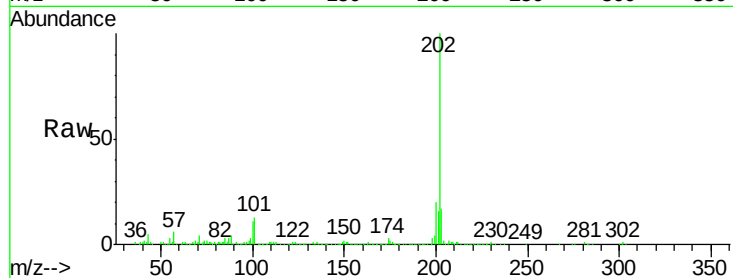
#31
 Pyrene
 Concen: 3.19 ng/ul
 RT: 19.49 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM006068.D
 Acq: 27 Jun 2016 12:57

Instrument :
 BNA_M
 ClientSampleId :
 D9Y56

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	11.0	16.4
100	11.2	8.9	13.3

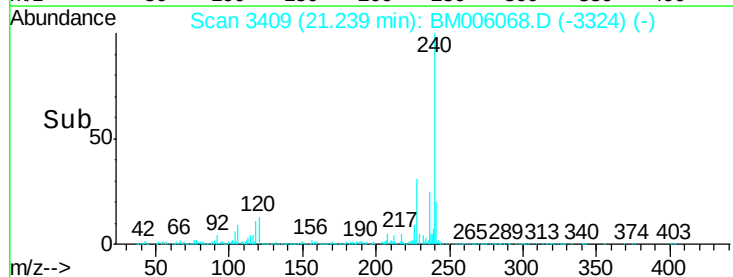
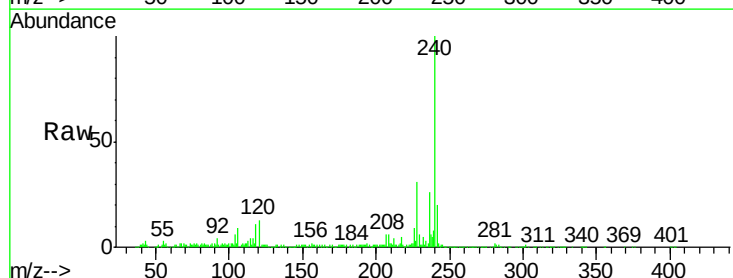
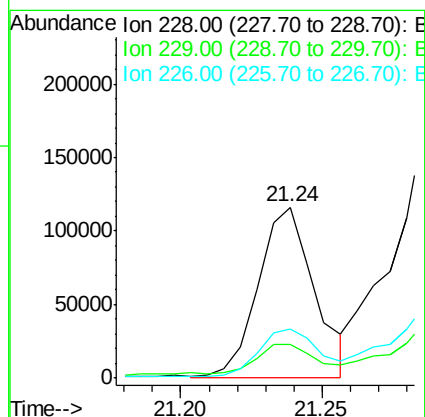
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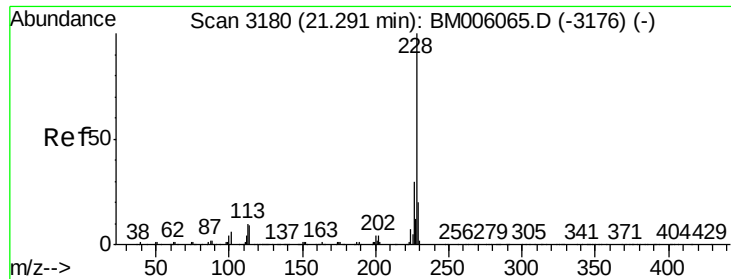
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#32
 Benzo(a)anthracene
 Concen: 1.50 ng/ul
 RT: 21.24 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: BM006068.D
 Acq: 27 Jun 2016 12:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.4	15.6	23.4
226	29.0	21.6	32.4





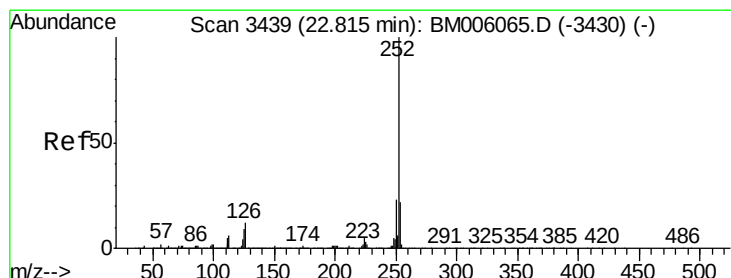
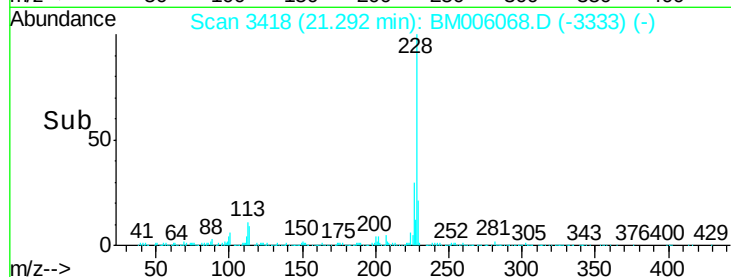
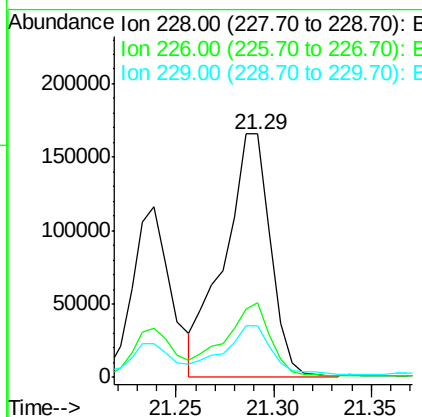
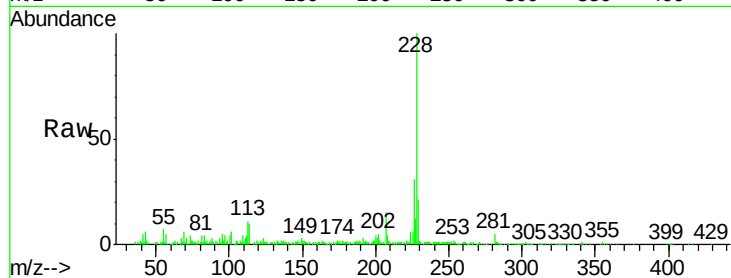
#33
Chrysene
Concen: 2.80 ng/ul
RT: 21.29 min Scan# 3418
Delta R.T. 0.00 min
Lab File: BM006068.D
Acq: 27 Jun 2016 12:57

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	271162		
226	30.6	23.8	35.6	
229	21.3	15.8	23.6	

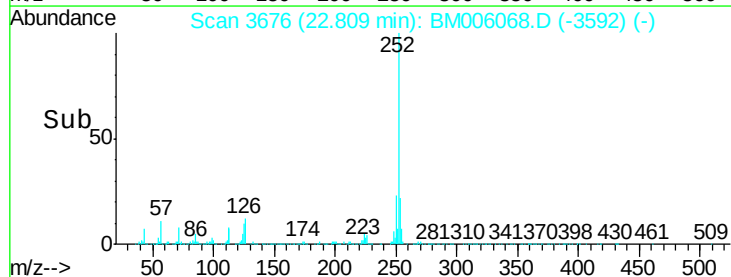
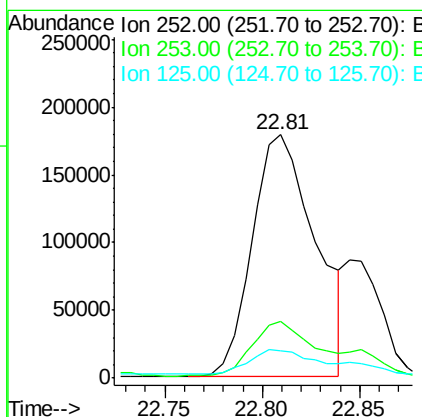
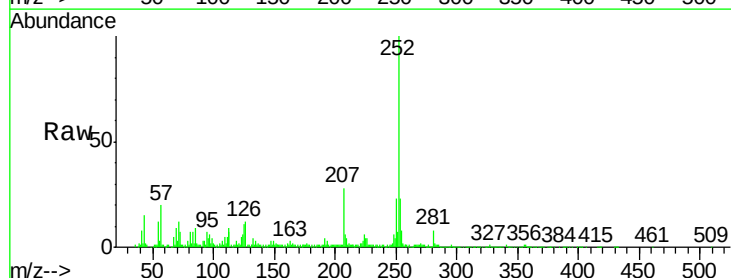
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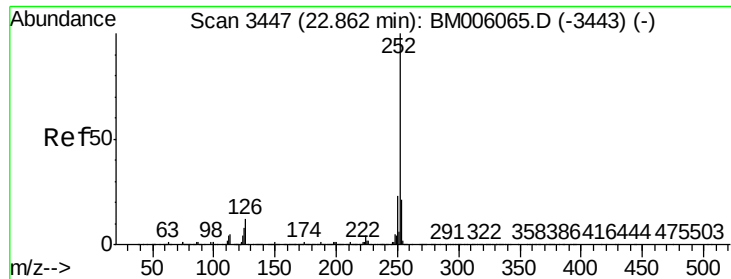
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#35
Benzo(b)fluoranthene
Concen: 4.21 ng/ul
RT: 22.81 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BM006068.D
Acq: 27 Jun 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	402494		
253	23.1	17.2	25.8	
125	11.2	7.8	11.6	





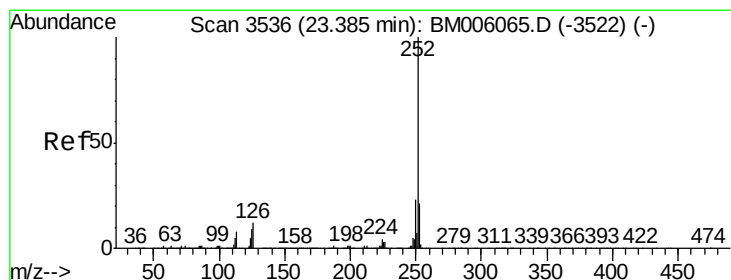
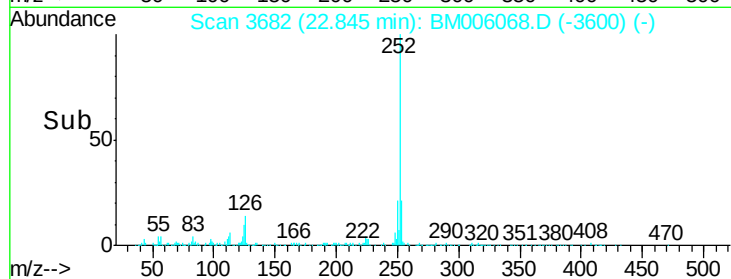
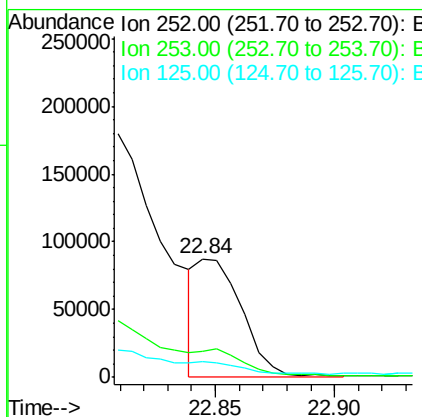
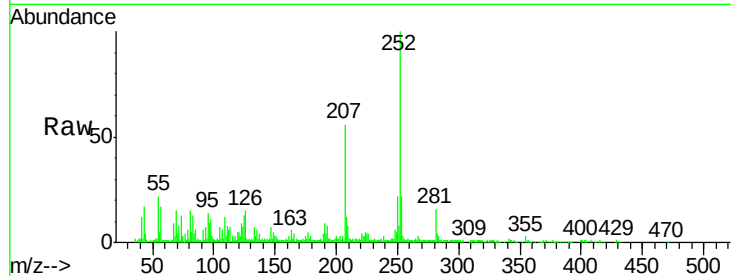
#36
Benzo(k)fluoranthene
Concen: 1.29 ng/ul m
RT: 22.84 min Scan# 3682
Delta R.T. -0.02 min
Lab File: BM006068.D
Acq: 27 Jun 2016 12:57

Instrument :
BNA_M
ClientSampleId :
D9Y56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	13.3	8.1	12.1

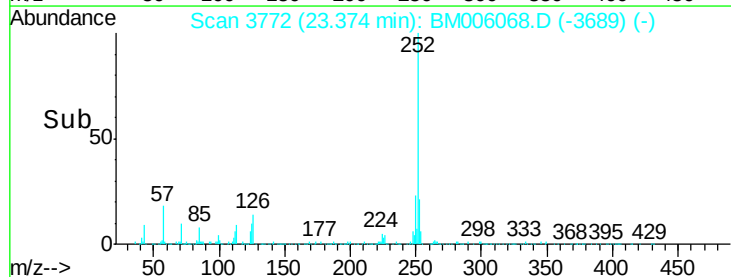
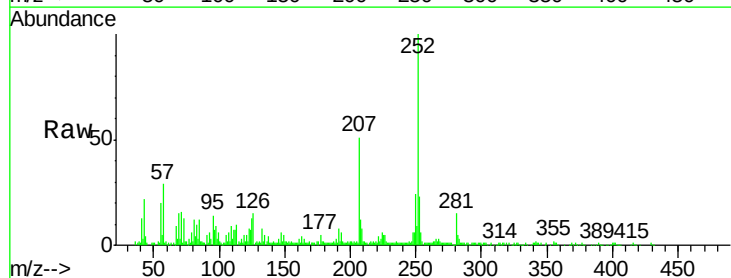
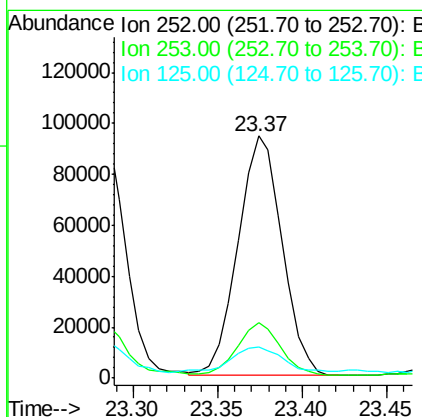
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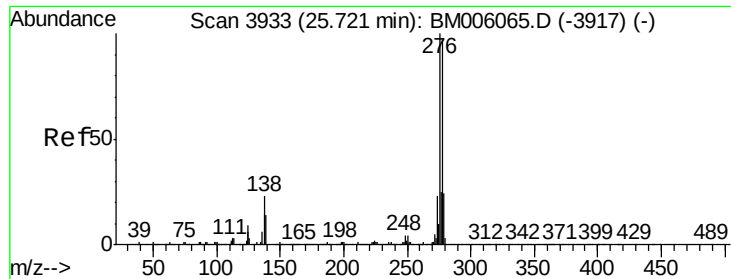
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#38
Benzo(a)pyrene
Concen: 1.86 ng/ul
RT: 23.37 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BM006068.D
Acq: 27 Jun 2016 12:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	13.1	8.7	13.1





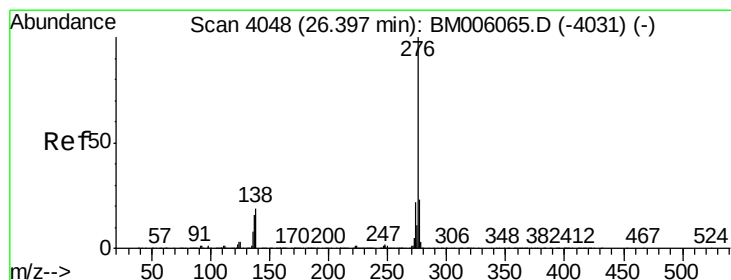
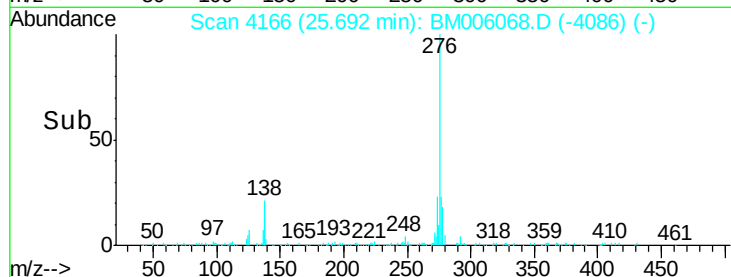
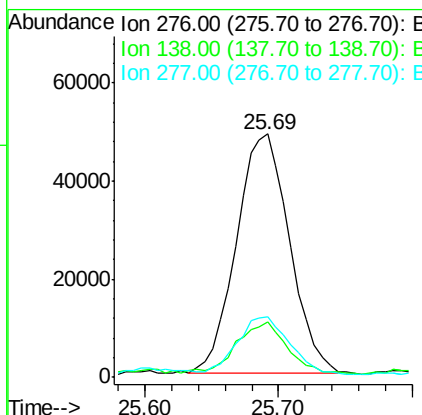
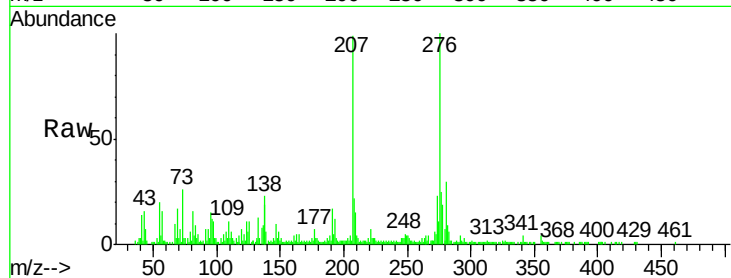
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.22 ng/ul
 RT: 25.69 min Scan# 4166
 Delta R.T. -0.03 min
 Lab File: BM006068.D
 Acq: 27 Jun 2016 12:57

Instrument :
 BNA_M
 ClientSampleId :
 D9Y56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	133902		
138	23.0	20.4	30.6	
277	25.1	20.6	30.8	

Manual Integrations
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#41
 Benzo(g,h,i)perylene
 Concen: 1.32 ng/ul
 RT: 26.37 min Scan# 4282
 Delta R.T. -0.02 min
 Lab File: BM006068.D
 Acq: 27 Jun 2016 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	124507		
138	21.2	16.6	25.0	
277	25.3	18.9	28.3	

