

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
 Data File : BM003980.D
 Acq On : 13 Jan 2016 06:53
 Operator : SJ/UM
 Sample : H1095-19DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9A7DL

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:28:51 PM

Quant Time: Jan 13 07:47:58 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	33689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	167009	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	103584	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	238553	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	260671	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	213333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	6291	2.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	4219	2.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5699	2.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	3523	1.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	2332	1.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	2465	1.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	5038m	2.06	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	3623	1.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	21002	2.58	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	25154	2.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	575	0.39	ng/ul	0.02
58) Fluorene-d10	15.32	176	21619	3.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	861	0.64	ng/ul	0.00
71) Anthracene-d10	17.17	188	32864	2.98	ng/ul	0.00
79) Pyrene-d10	19.47	212	38767	2.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	33325	3.13	ng/ul	0.00

Target Compounds

					Ovalue
70) Phenanthrene	17.11	178	85667	6.39	ng/ul 99
72) Anthracene	17.20	178	19273	1.40	ng/ul 99
77) Fluoranthene	19.14	202	169467	12.16	ng/ul 98
80) Pyrene	19.50	202	171437	9.69	ng/ul 98
83) Benzo(a)anthracene	21.26	228	85641	5.52	ng/ul 98
85) Chrysene	21.31	228	92413	6.27	ng/ul 97
88) Benzo(b)fluoranthene	22.84	252	95932	7.40	ng/ul 97
89) Benzo(k)fluoranthene	22.88	252	25321m	2.05	ng/ul
91) Benzo(a)pyrene	23.41	252	64472	5.24	ng/ul# 95
92) Indeno(1,2,3-cd)pyrene	25.75	276	32848	2.41	ng/ul 95
94) Benzo(g,h,i)perylene	26.44	276	30990	2.71	ng/ul 97

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

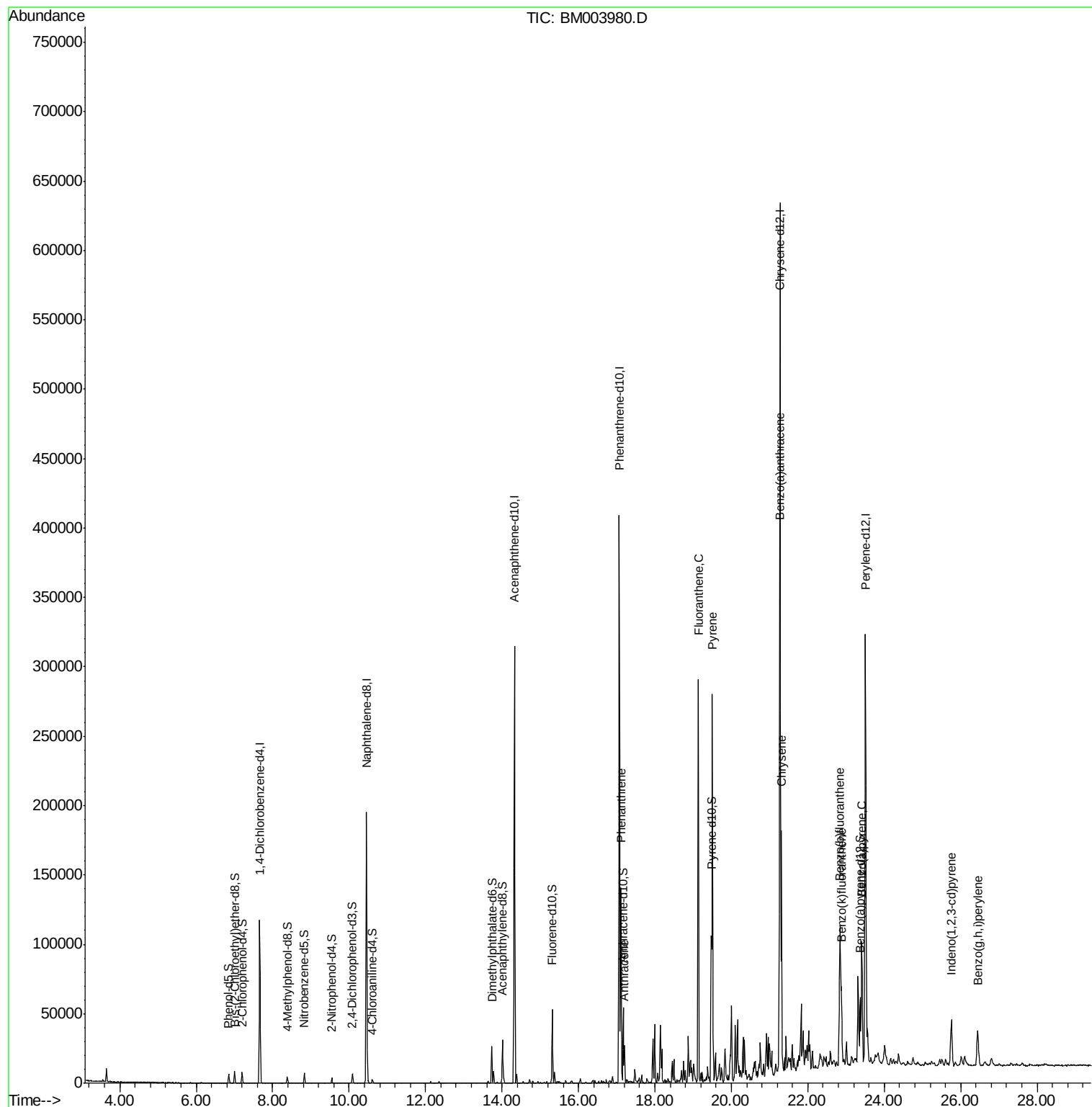
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
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ALS Vial : 22 Sample Multiplier: 1

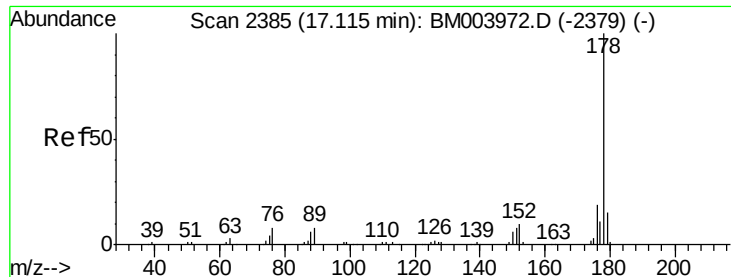
Instrument :
BNA_M
ClientSampleId :
BC9A7DL

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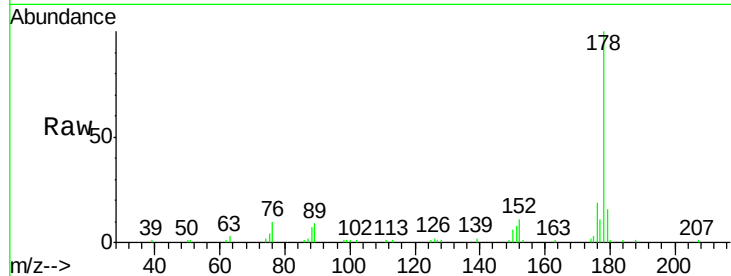
#70
Phenanthrene
Concen: 6.39 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM003980.D
Acq: 13 Jan 2016 06:53

Instrument :
BNA_M
ClientSampleId :
BC9A7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.0	15.6	23.4

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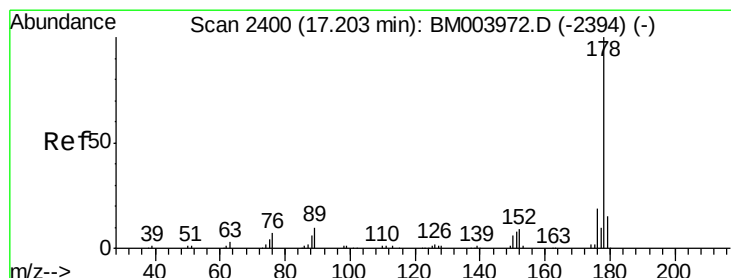
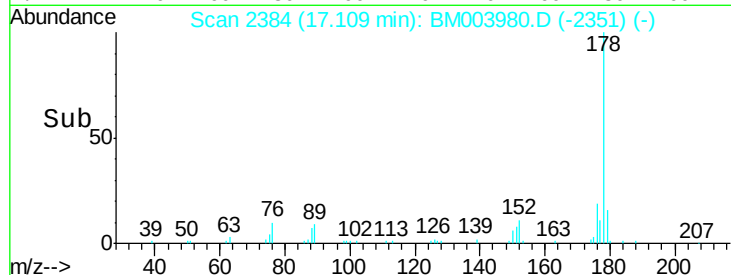
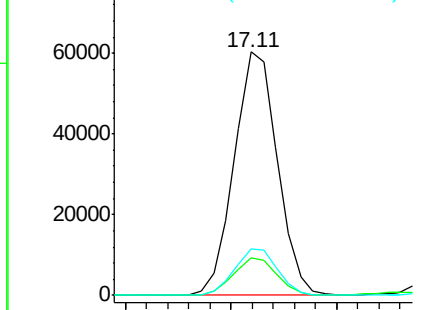


Abundance

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



#72
Anthracene
Concen: 1.40 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM003980.D
Acq: 13 Jan 2016 06:53

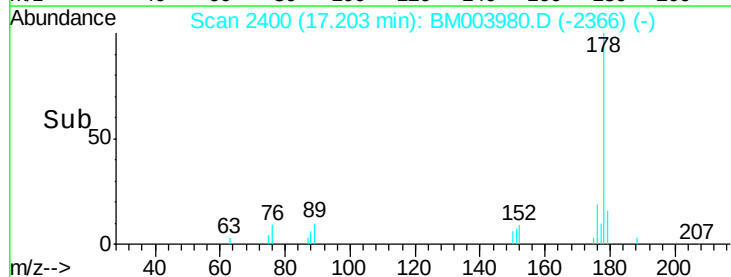
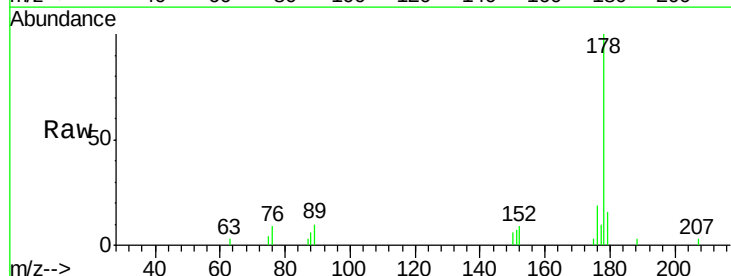
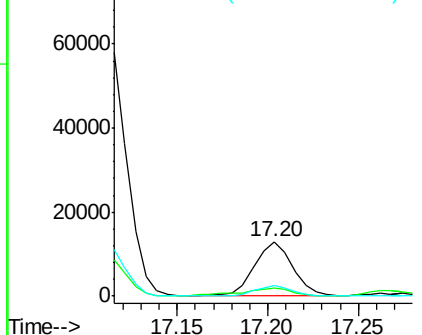
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	19.1	14.8	22.2

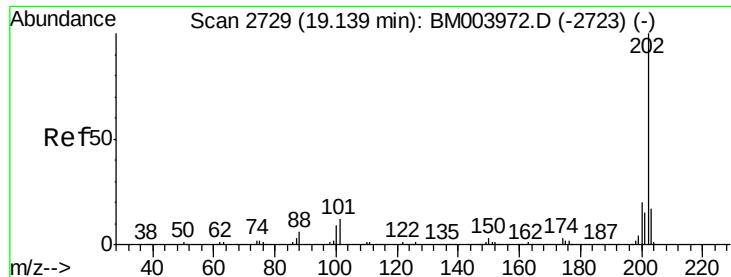
Abundance

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





#77

Fluoranthene

Concen: 12.16 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

Instrument :

BNA_M

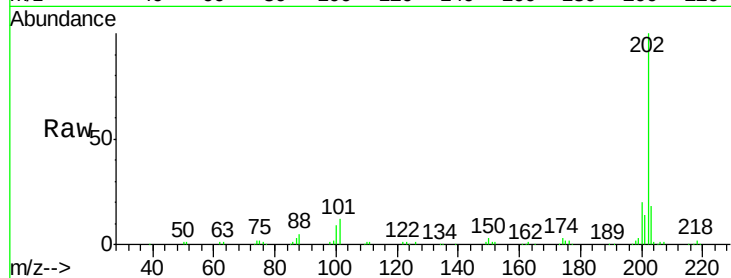
ClientSampleId :

BC9A7DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		169467		
101	11.8	8.8	13.2		
100	8.9	6.6	9.8		

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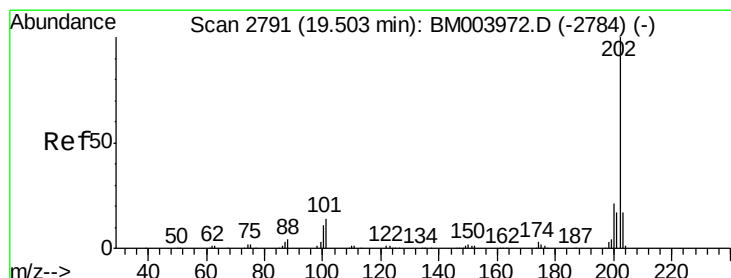
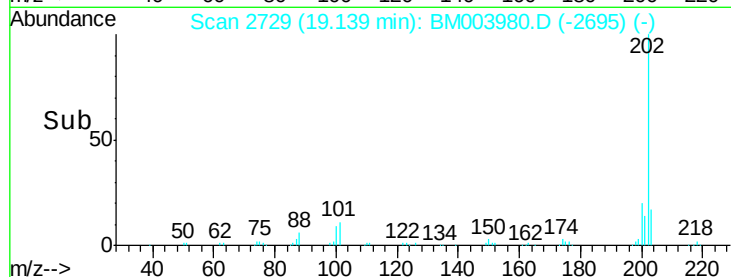
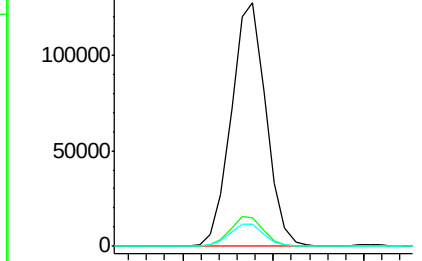
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 9.69 ng/ul

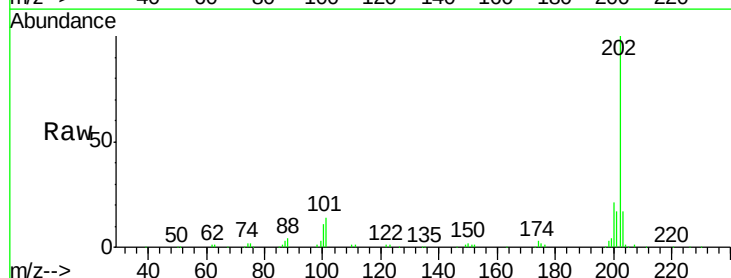
RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

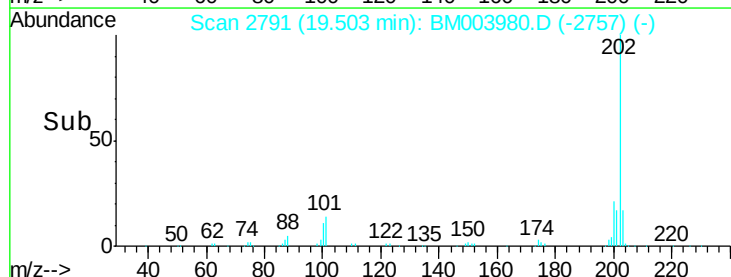
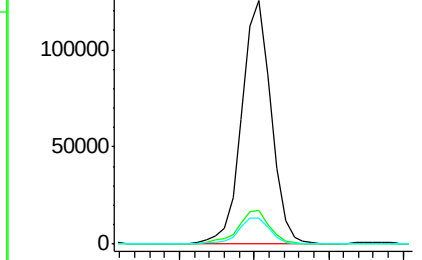
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		171437		
101	13.6	10.2	15.2		
100	10.9	8.5	12.7		

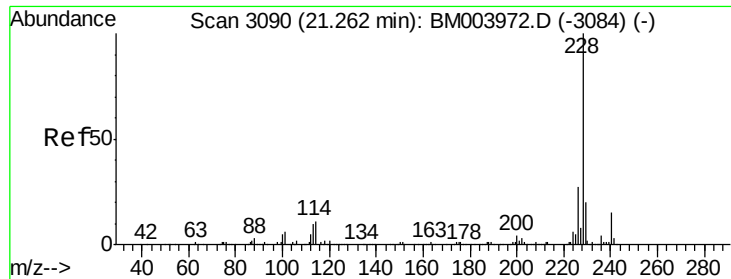


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 5.52 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

Instrument :

BNA_M

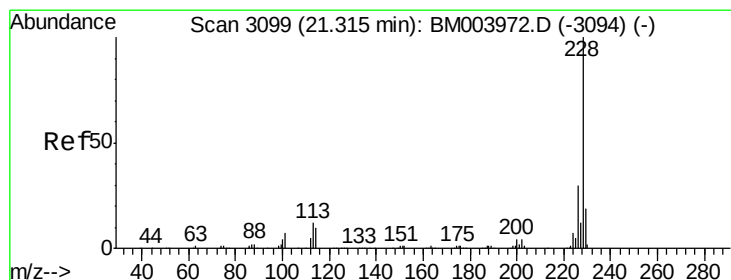
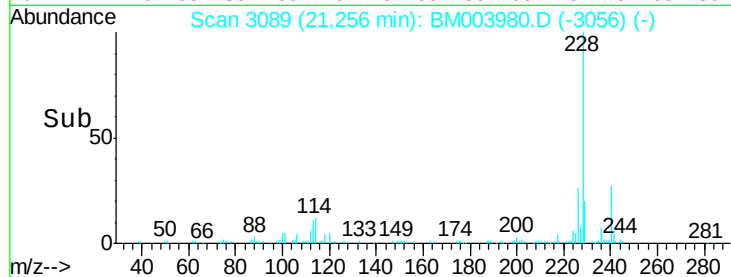
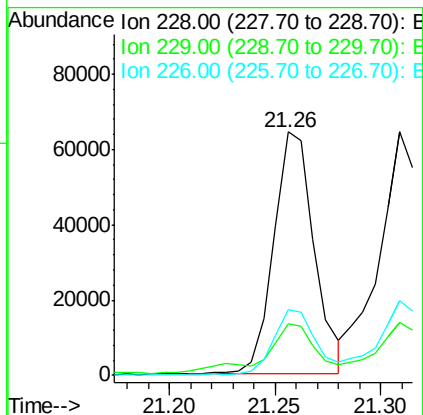
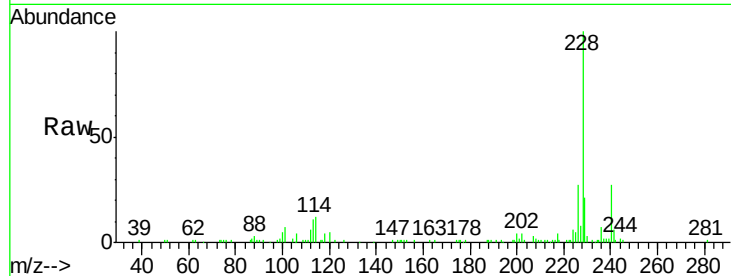
ClientSampleId :

BC9A7DL

Tot Ion:	228	Resp:	85641
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.7	23.5
226	27.0	21.8	32.6

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#85

Chrysene

Concen: 6.27 ng/ul

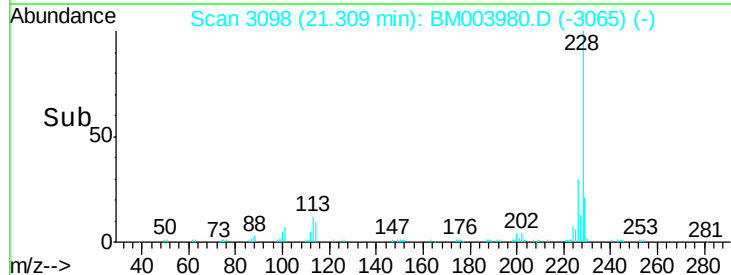
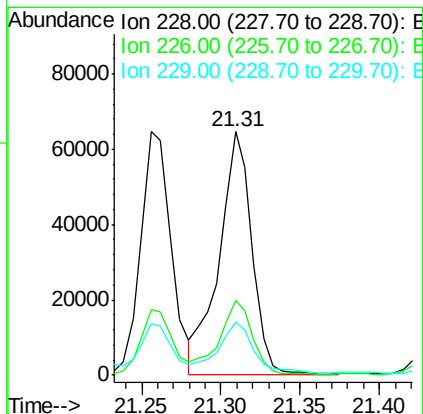
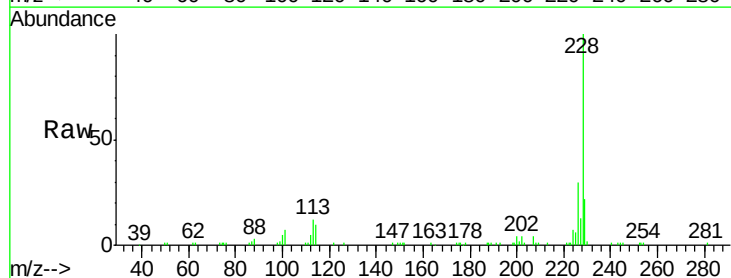
RT: 21.31 min Scan# 3098

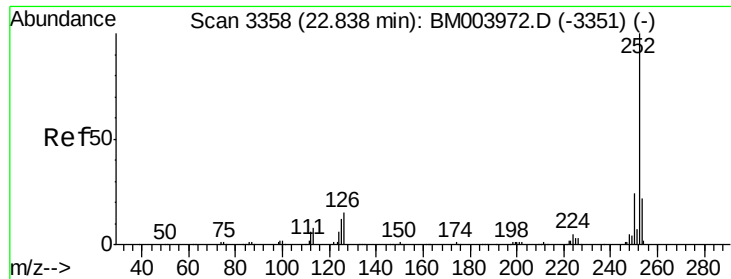
Delta R.T. -0.01 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

Tgt Ion:	228	Resp:	92413
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.0	36.0
229	21.9	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 7.40 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

Instrument :

BNA_M

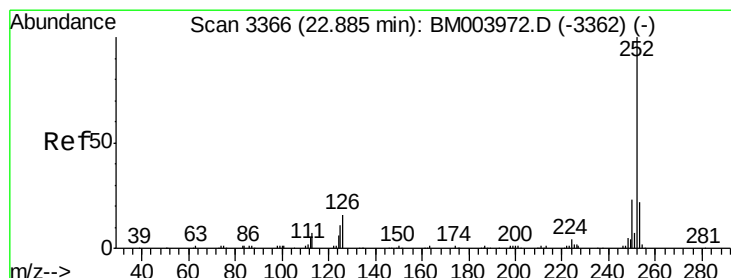
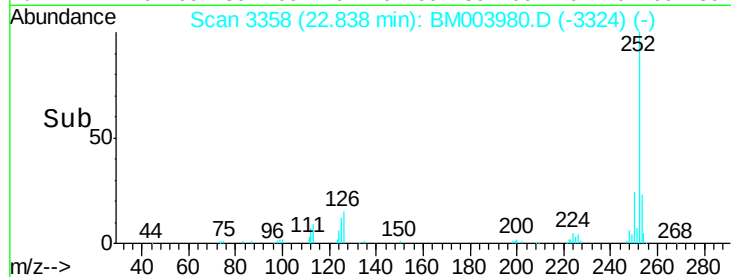
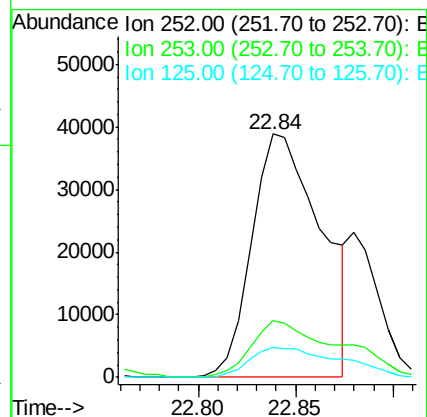
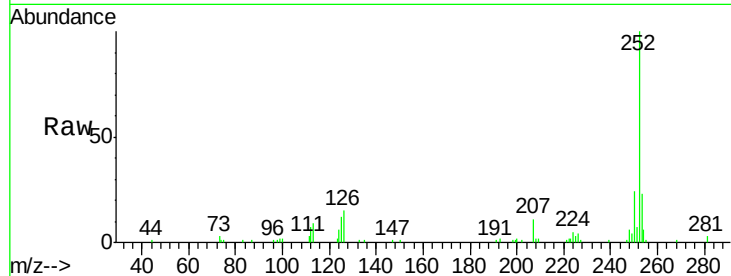
ClientSampled :

BC9A7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	12.1	8.5	12.7

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#89

Benzo(k)fluoranthene

Concen: 2.05 ng/ul m

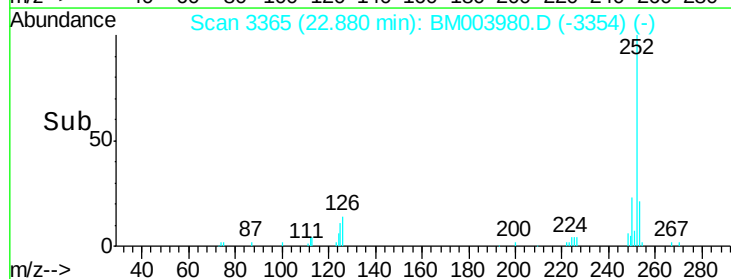
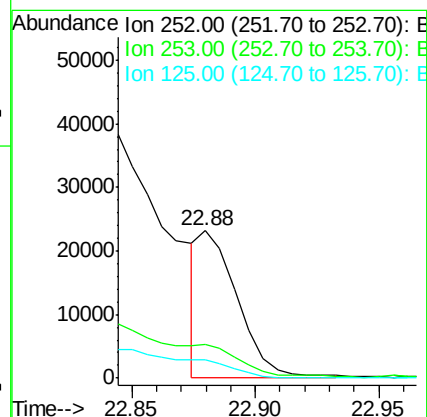
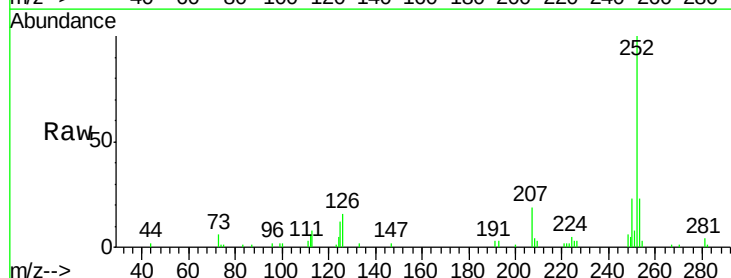
RT: 22.88 min Scan# 3365

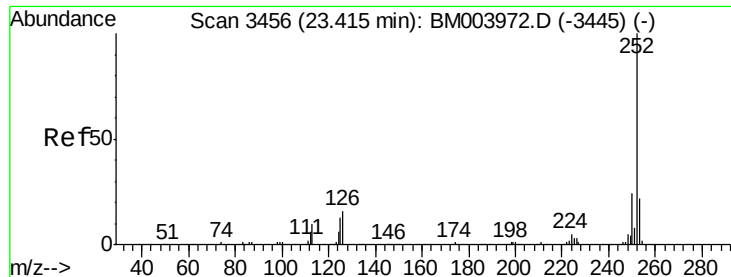
Delta R.T. -0.01 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.1	8.2	12.2





#91

Benzo(a)pyrene

Concen: 5.24 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

Instrument :

BNA_M

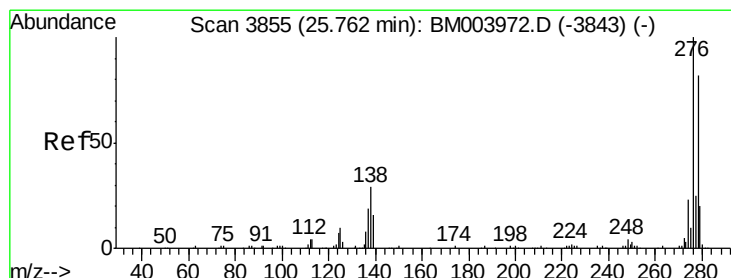
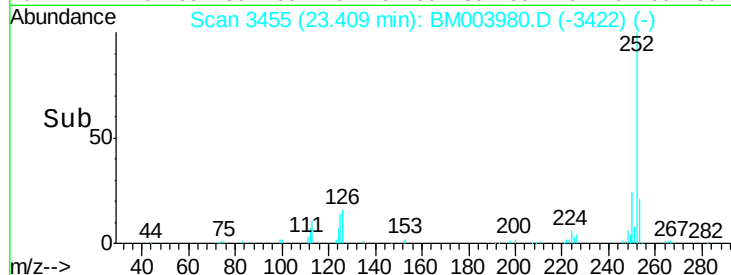
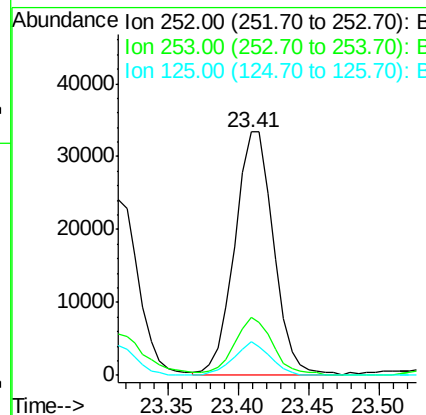
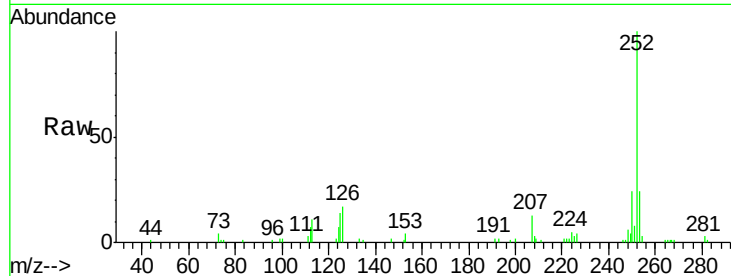
ClientSampleId :

BC9A7DL

Tot Ion:	252	Resp:	64472
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	13.8	9.0	13.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.41 ng/ul

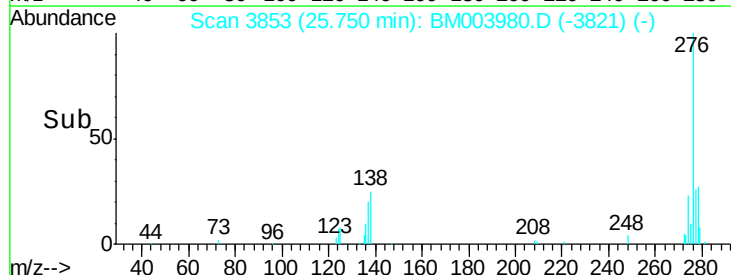
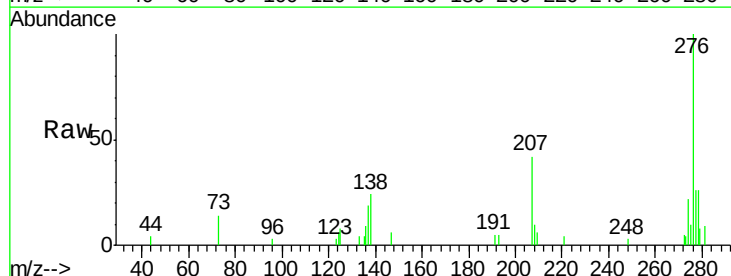
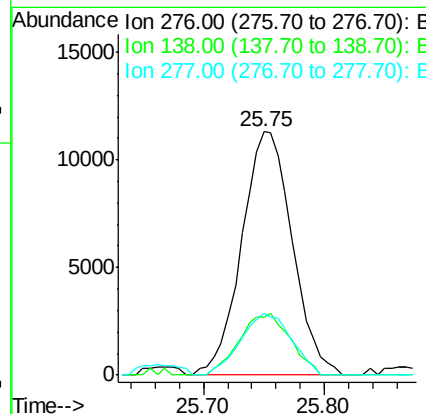
RT: 25.75 min Scan# 3853

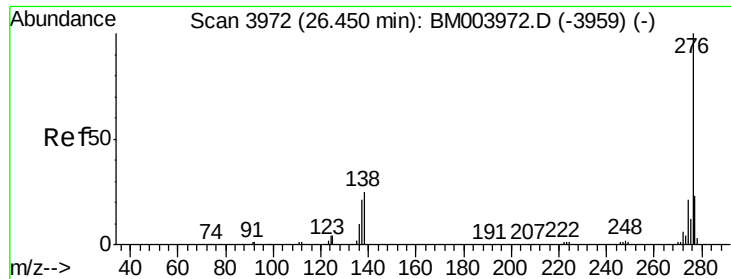
Delta R.T. -0.01 min

Lab File: BM003980.D

Acq: 13 Jan 2016 06:53

Tgt Ion:	276	Resp:	32848
Ion Ratio	Lower	Upper	
276	100		
138	23.7	22.3	33.5
277	25.6	20.2	30.2





#94
 Benzo(a,h,i)perylene
 Concen: 2.71 ng/ul
 RT: 26.44 min Scan# 3971
 Delta R.T. -0.01 min
 Lab File: BM003980.D
 Acq: 13 Jan 2016 06:53

Instrument :
 BNA_M
 ClientSampleId :
 BC9A7DL

Tot Ion:	276	Resp:	30990
Ion Ratio	Lower	Upper	
276	100		
138	25.8	18.9	28.3
277	24.6	19.2	28.8

Manual Integrations
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