

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
 Data File : BM003975.D
 Acq On : 13 Jan 2016 03:54
 Operator : SJ/UM
 Sample : H1095-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9B4

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:28:46 PM

Quant Time: Jan 13 07:05:59 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	36806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	179317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110112	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	251479	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	280065	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	238728	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3389	4.12	ng/uL	0.00
5) Phenol-d5	6.85	99	76803	25.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49202	28.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	66872	26.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	59793	24.15	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33504	24.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	36146	24.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	63511	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	82251	23.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	223953	25.91	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	279796	26.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	28023	18.05	ng/ul	0.00
58) Fluorene-d10	15.32	176	203386	27.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	25731	18.14	ng/ul	0.00
71) Anthracene-d10	17.17	188	315001	27.08	ng/ul	0.00
79) Pyrene-d10	19.47	212	363688	25.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	338269	28.37	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.78	163	98309	11.16	ng/ul 100
70) Phenanthrene	17.11	178	49125	3.47	ng/ul 99
77) Fluoranthene	19.14	202	105276	7.16	ng/ul 99
80) Pyrene	19.50	202	117965	6.21	ng/ul 98
83) Benzo(a)anthracene	21.26	228	57721	3.46	ng/ul 98
85) Chrysene	21.31	228	61957	3.91	ng/ul 97
88) Benzo(b)fluoranthene	22.84	252	60486	4.17	ng/ul 98
89) Benzo(k)fluoranthene	22.88	252	20326m	1.47	ng/ul
91) Benzo(a)pyrene	23.41	252	45217	3.29	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.75	276	21572	1.42	ng/ul 95
94) Benzo(g,h,i)perylene	26.44	276	20156	1.58	ng/ul 100

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

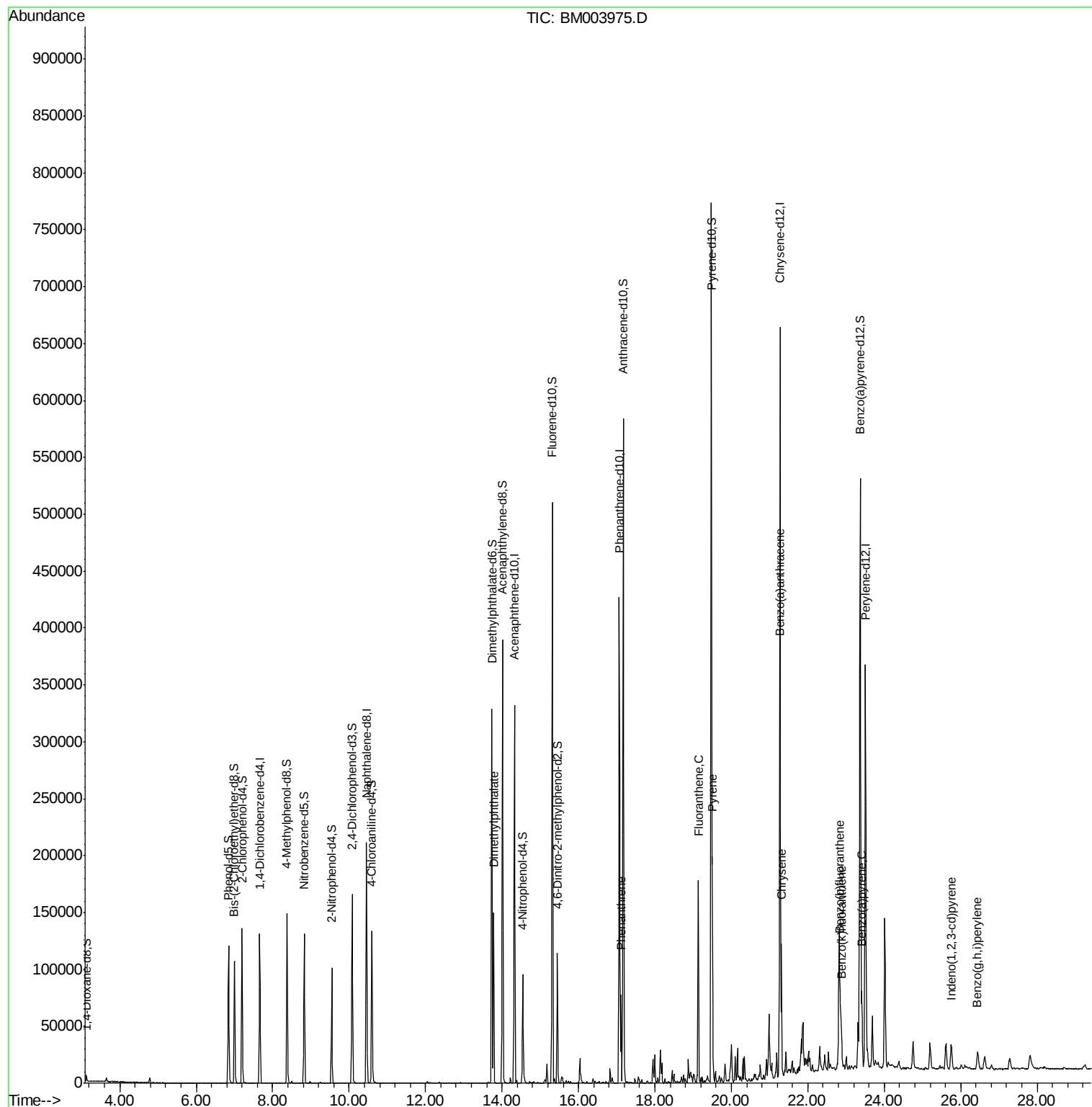
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
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ALS Vial : 17 Sample Multiplier: 1

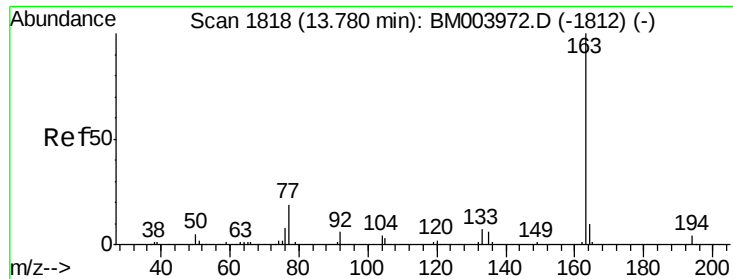
Instrument :
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Quant Time: Jan 13 07:05:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 11.16 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

BNA_M

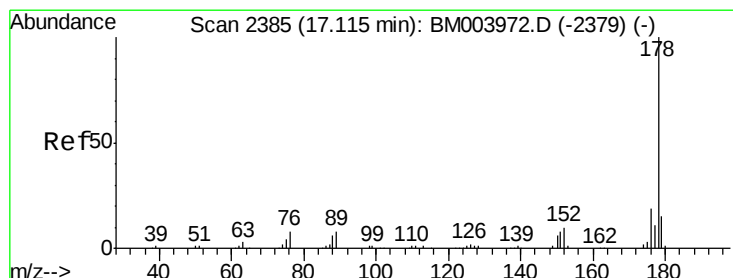
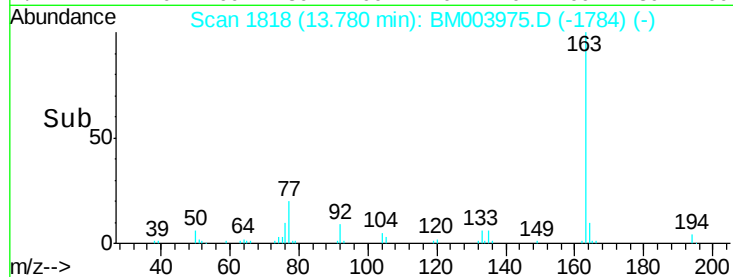
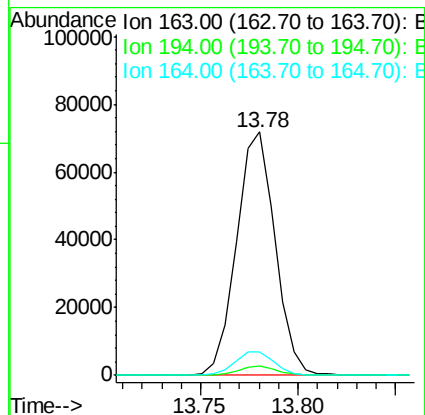
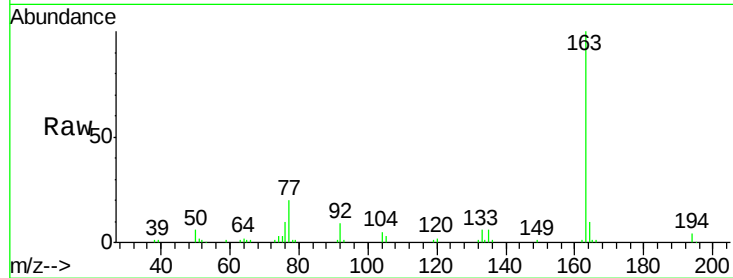
ClientSampleId :

BC9B4

Tot Ion:	163	Resp:	98309
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	9.7	7.8	11.8

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#70

Phenanthrene

Concen: 3.47 ng/ul

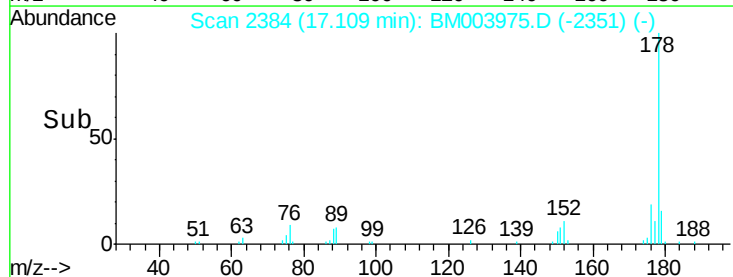
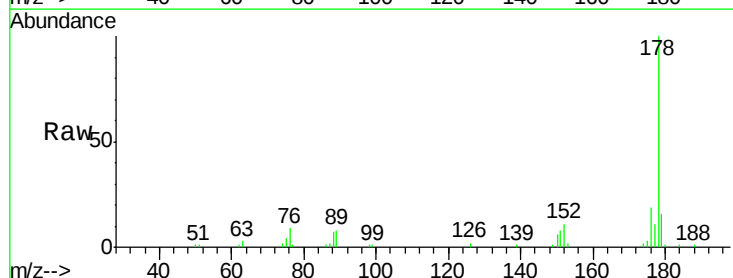
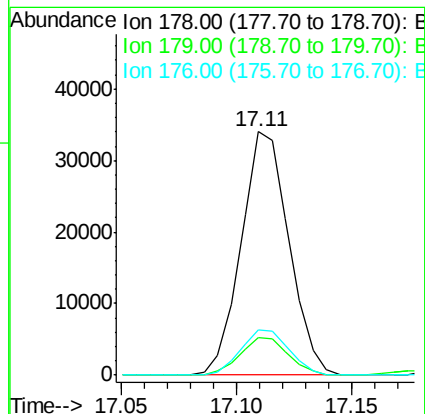
RT: 17.11 min Scan# 2384

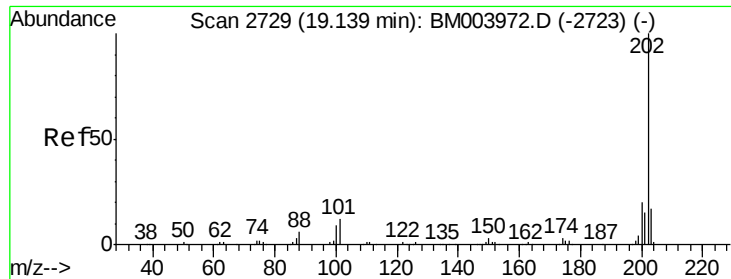
Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Tgt Ion:	178	Resp:	49125
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	18.7	15.6	23.4





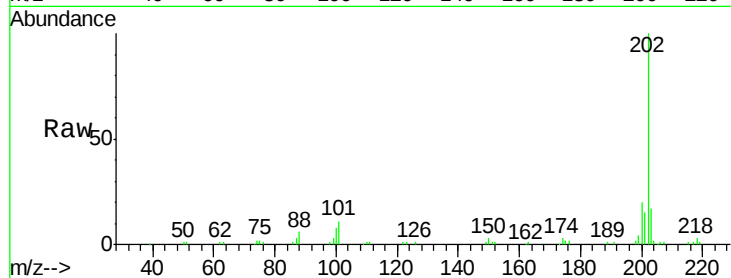
#77
 Fluoranthene
 Concen: 7.16 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM003975.D
 Acq: 13 Jan 2016 03:54

Instrument :
 BNA_M
 ClientSampleId :
 BC9B4

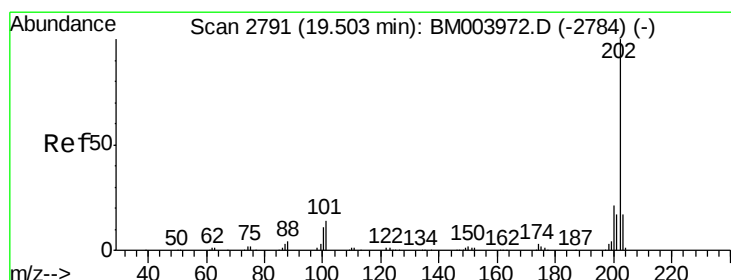
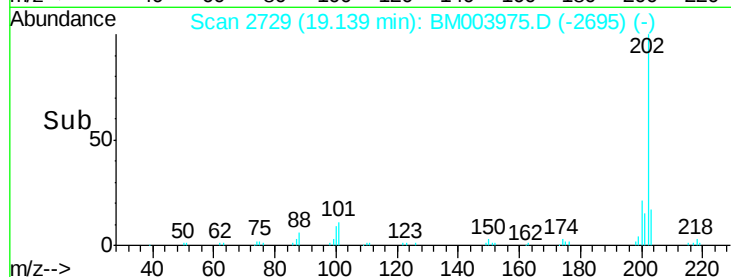
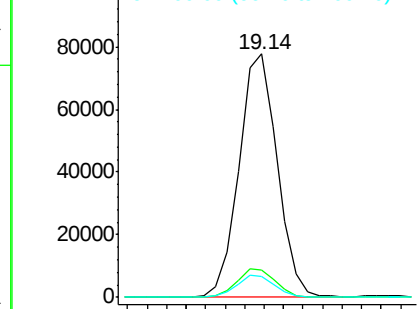
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	8.8	13.2
100	8.5	6.6	9.8

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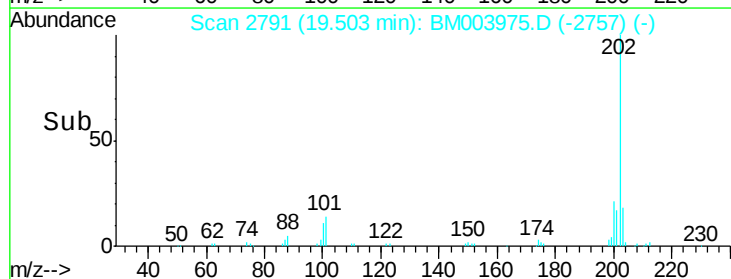
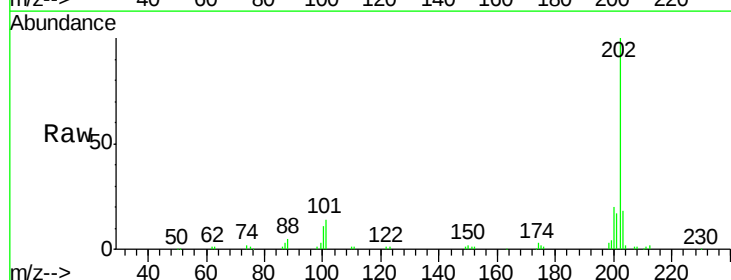
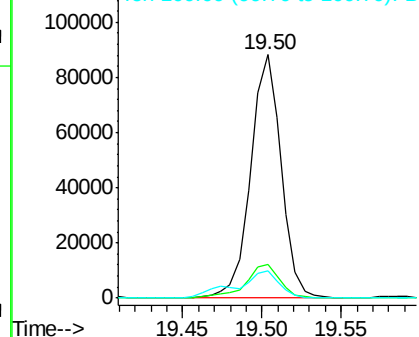
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

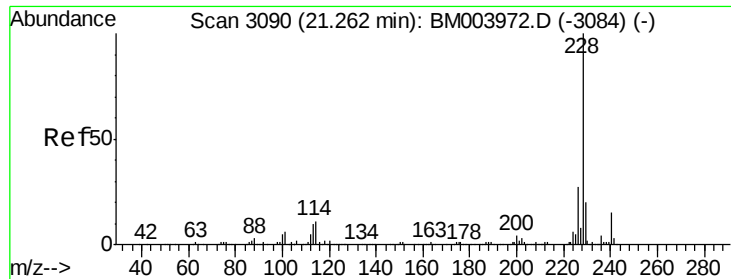


#80
 Pyrene
 Concen: 6.21 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM003975.D
 Acq: 13 Jan 2016 03:54

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	10.2	15.2
100	11.3	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: 3.46 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

BNA_M

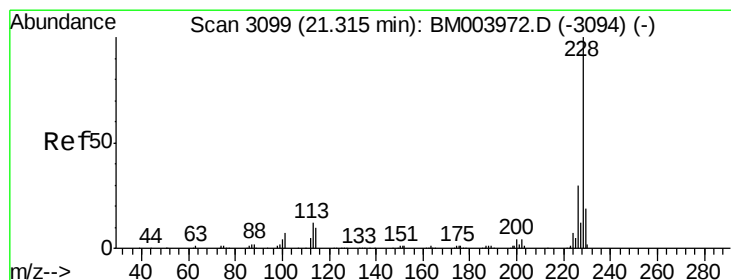
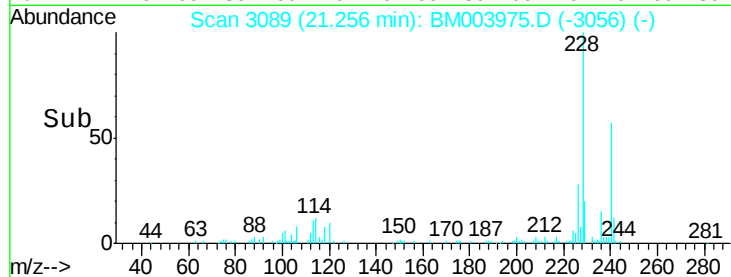
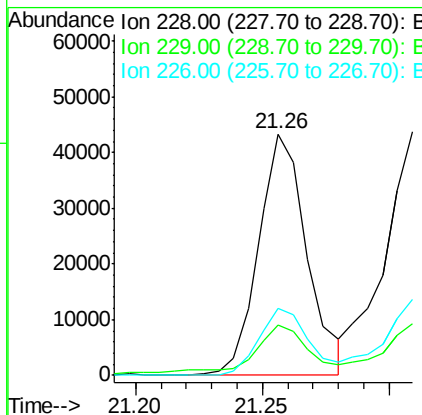
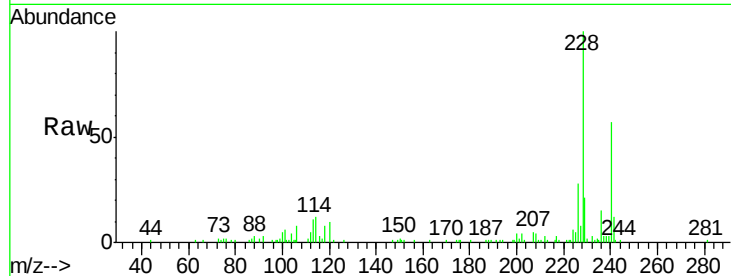
ClientSampled :

BC9B4

Tot Ion:	228	Resp:	57721
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.7	23.5
226	27.8	21.8	32.6

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#85

Chrysene

Concen: 3.91 ng/ul

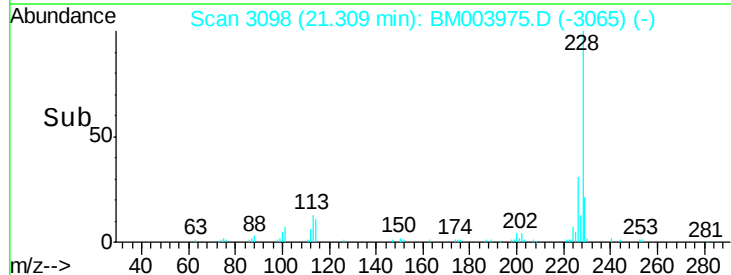
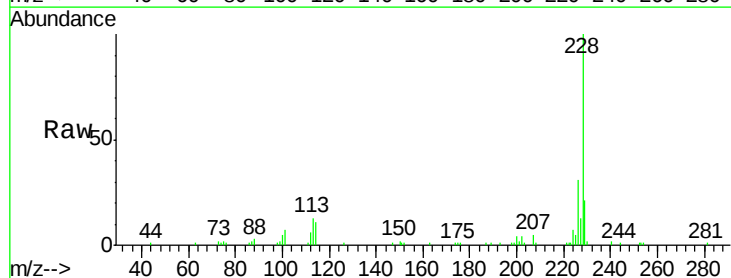
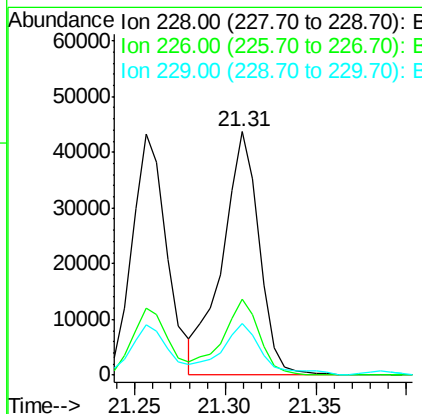
RT: 21.31 min Scan# 3098

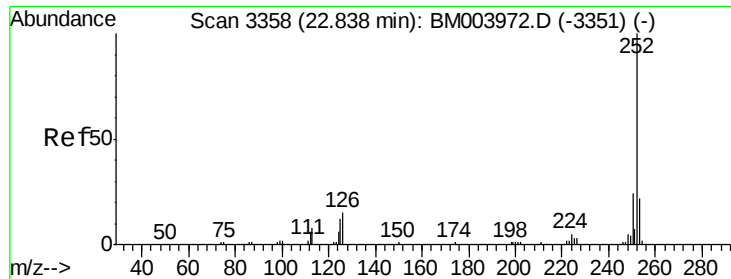
Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Tgt Ion:	228	Resp:	61957
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	21.3	15.6	23.4





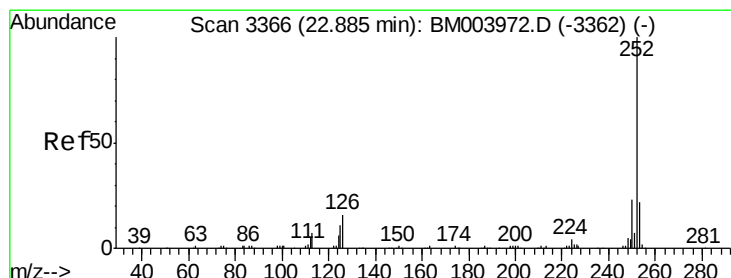
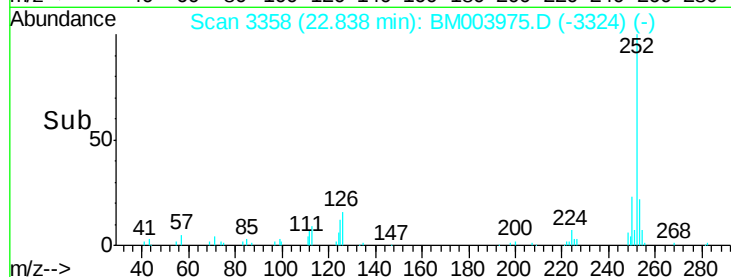
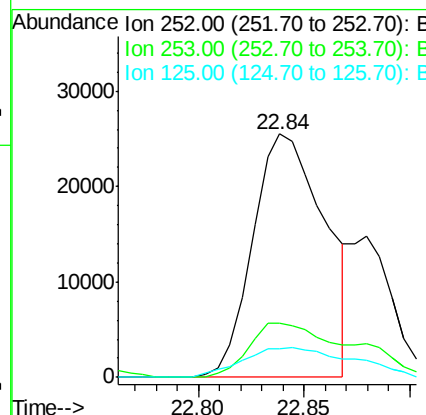
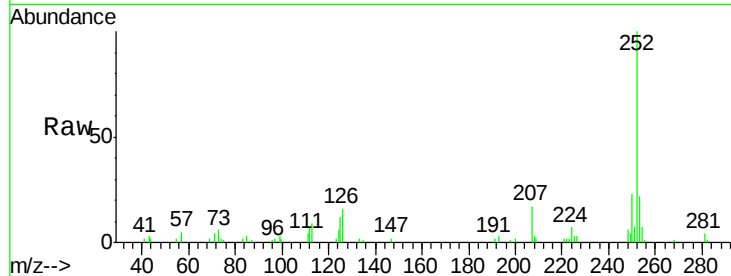
#88
Benzo(b)fluoranthene
Concen: 4.17 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BM003975.D
Acq: 13 Jan 2016 03:54

Instrument :
BNA_M
ClientSampleId :
BC9B4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.6	8.5	12.7

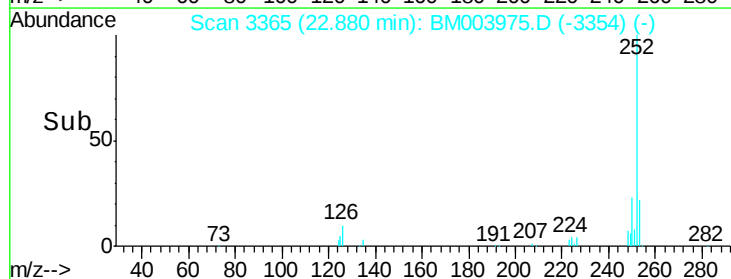
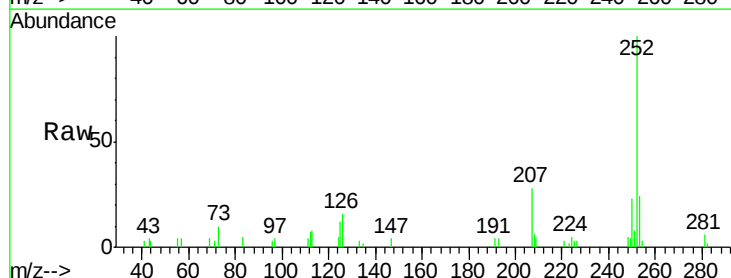
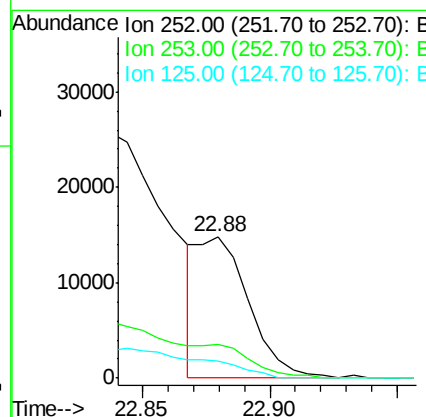
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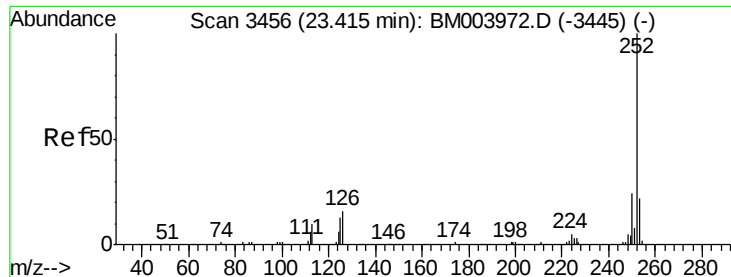
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#89
Benzo(k)fluoranthene
Concen: 1.47 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM003975.D
Acq: 13 Jan 2016 03:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	12.2	8.2	12.2





#91

Benzo(a)pyrene

Concen: 3.29 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

BNA_M

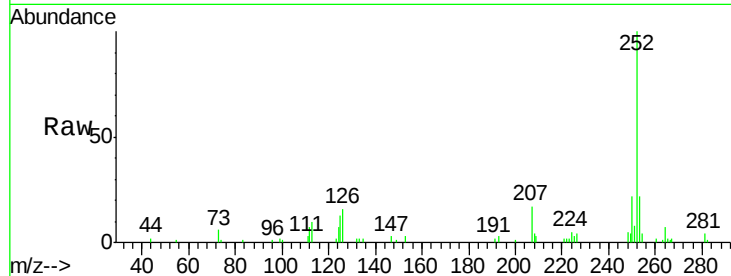
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BC9B4

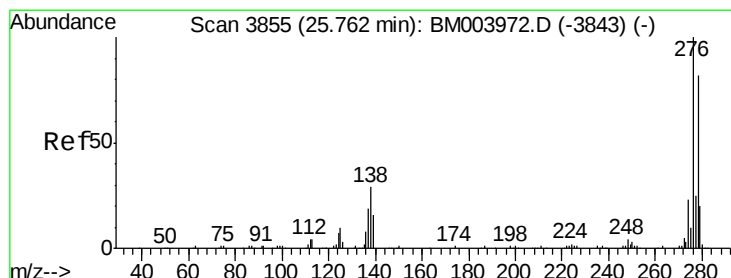
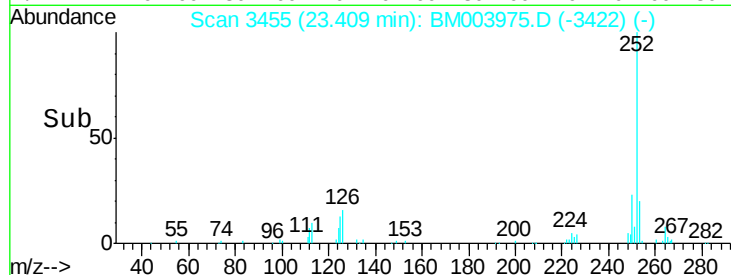
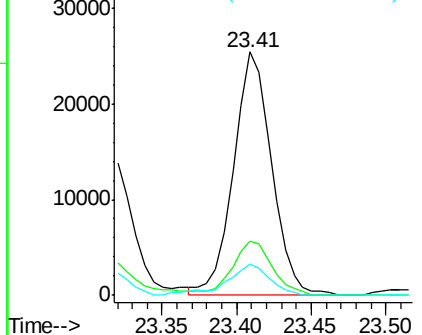
Tot Ion:	252	Resp:	45217
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	12.6	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.42 ng/ul

RT: 25.75 min Scan# 3853

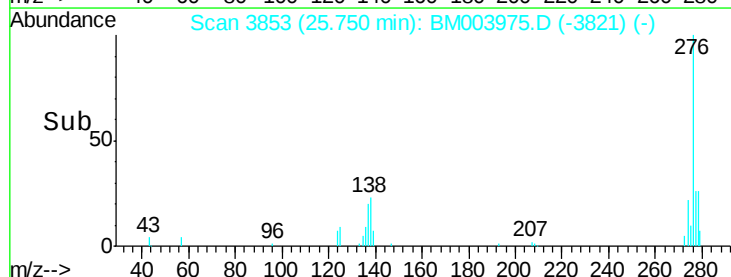
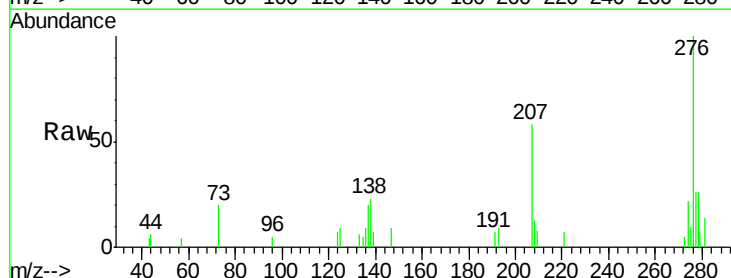
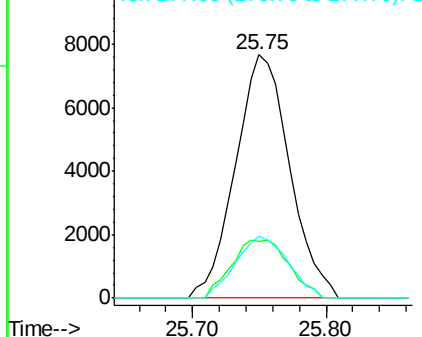
Delta R.T. -0.01 min

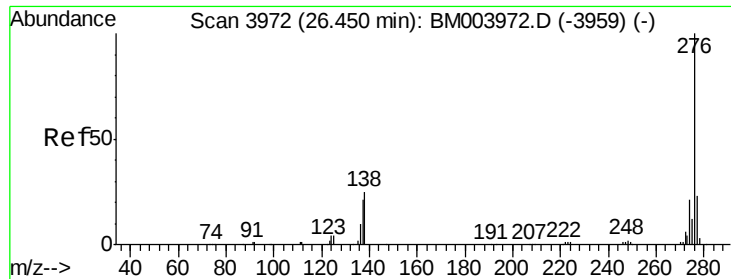
Lab File: BM003975.D

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Tgt Ion:	276	Resp:	21572
Ion Ratio	Lower	Upper	
276	100		
138	23.2	22.3	33.5
277	25.6	20.2	30.2

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





#94

Benzo(a,h,i)perylene

Concen: 1.58 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

BNA_M

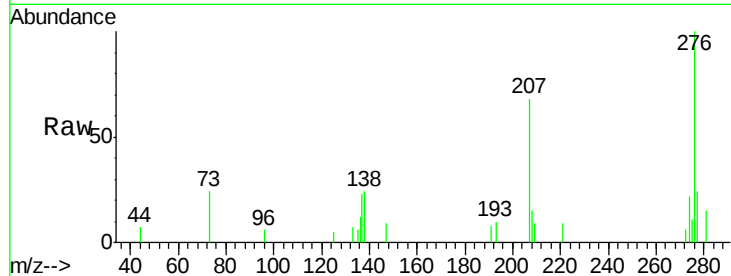
ClientSampleId :

BC9B4

Tot Ion:	276	Resp:	20156
Ion Ratio	Lower	Upper	
276	100		
138	23.6	18.9	28.3
277	24.2	19.2	28.8

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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

