

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004024.D
 Acq On : 14 Jan 2016 22:39
 Operator : SJ/UM
 Sample : H1099-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9A0

Manual Integrations
 APPROVED

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 1/15/2016 3:03:03 PM

Quant Time: Jan 15 00:57:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	40676	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	197561	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	116323	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	256477	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	235113	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	196939	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2031	2.23	ng/uL	0.00
5) Phenol-d5	6.84	99	46124	13.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	29014	15.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	40572	14.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	25151	9.19	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	20713	13.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	22481	13.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	39918	13.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	50849	13.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	139910	15.32	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	175293	15.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	15259	9.30	ng/ul	0.00
58) Fluorene-d10	15.32	176	126285	16.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	11572	8.00	ng/ul	0.00
71) Anthracene-d10	17.17	188	186134	15.69	ng/ul	0.00
79) Pyrene-d10	19.47	212	204030	16.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	160039	16.27	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.78	163	63196	6.79	ng/ul	100
70) Phenanthrene	17.12	178	32882	2.28	ng/ul	99
77) Fluoranthene	19.14	202	73225	4.89	ng/ul	97
80) Pyrene	19.50	202	80779	5.06	ng/ul	98
83) Benzo(a)anthracene	21.26	228	36932	2.64	ng/ul	98
85) Chrysene	21.32	228	40418	3.04	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	40977	3.42	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	13400m	1.18	ng/ul	
91) Benzo(a)pyrene	23.41	252	28916	2.55	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.76	276	16273	1.30	ng/ul	99
94) Benzo(g,h,i)perylene	26.45	276	15611	1.48	ng/ul	98

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

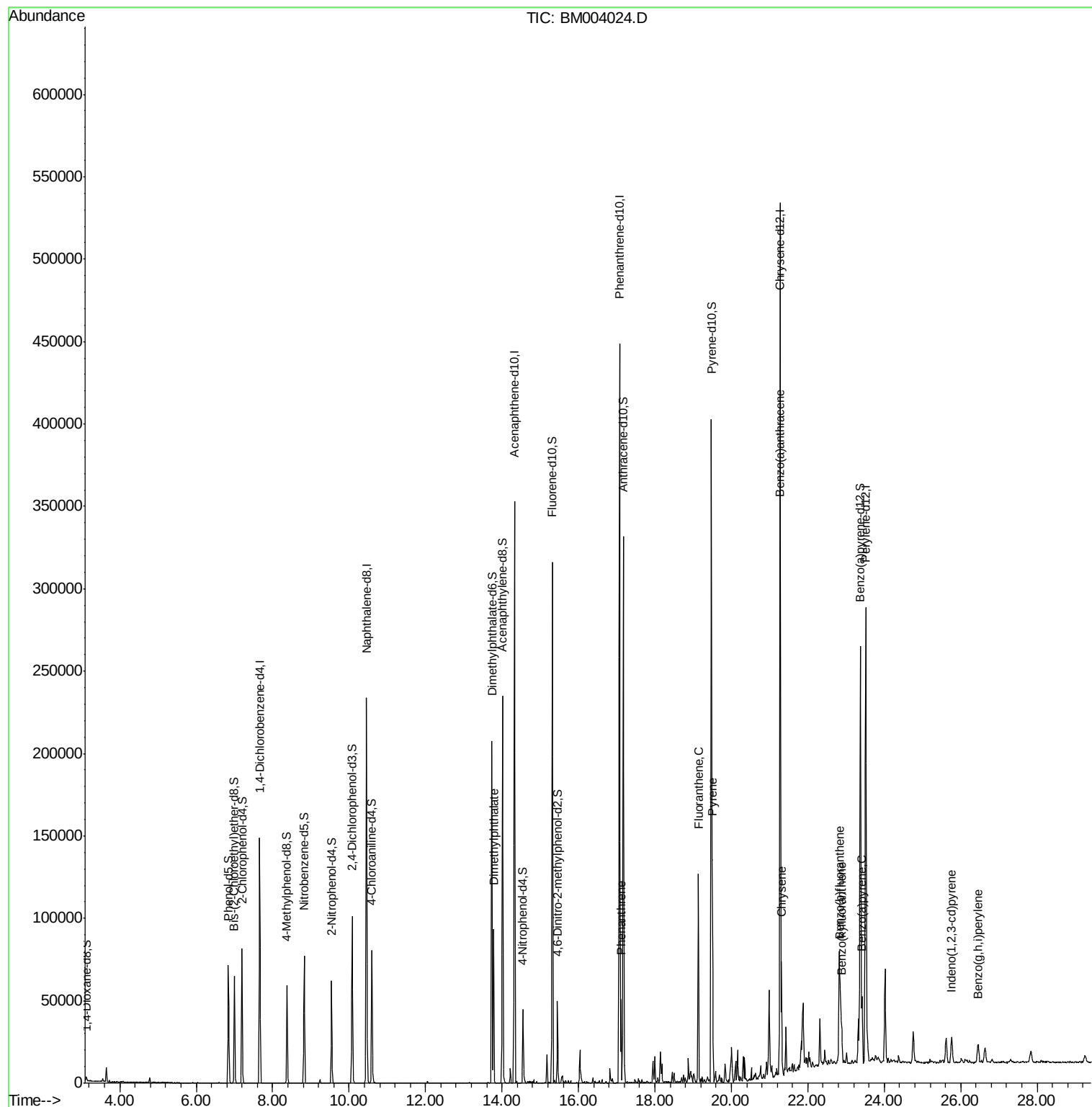
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004024.D
Acq On : 14 Jan 2016 22:39
Operator : SJ/UM
Sample : H1099-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

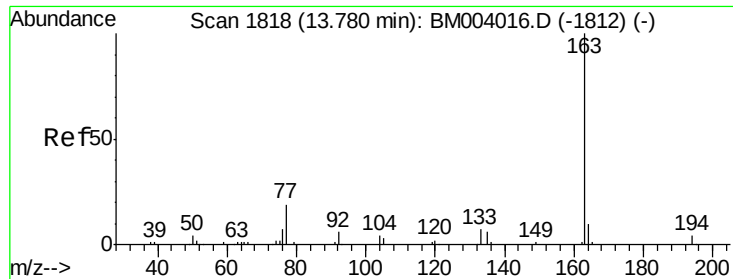
Instrument :
BNA_M
ClientSampleId :
BC9A0

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Quant Time: Jan 15 00:57:36 2016
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Quant Title : SVOA CALIBRATION
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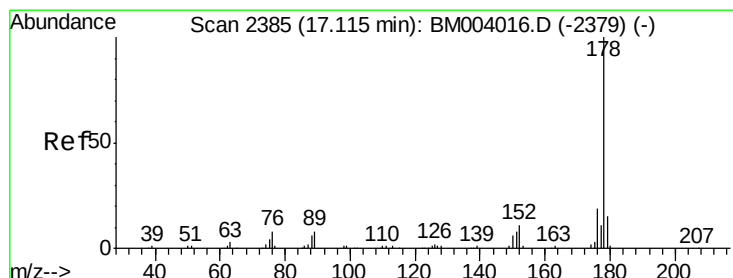
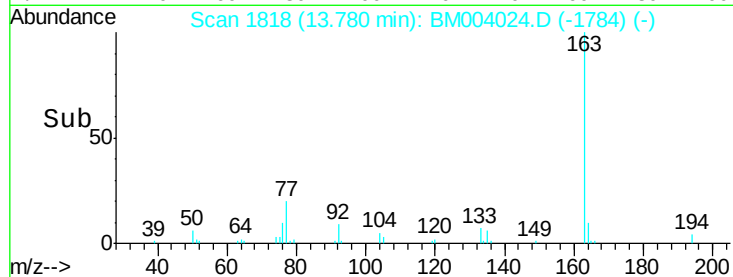
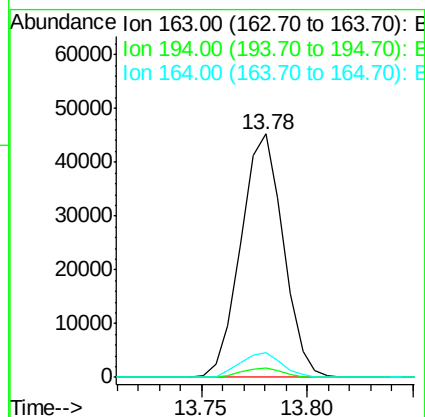
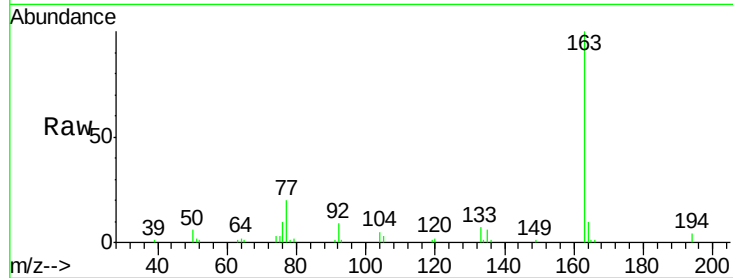
#45
Dimethylphthalate
Concen: 6.79 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004024.D
Acq: 14 Jan 2016 22:39

Instrument :
BNA_M
ClientSampleId :
BC9A0

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	7.8	11.8

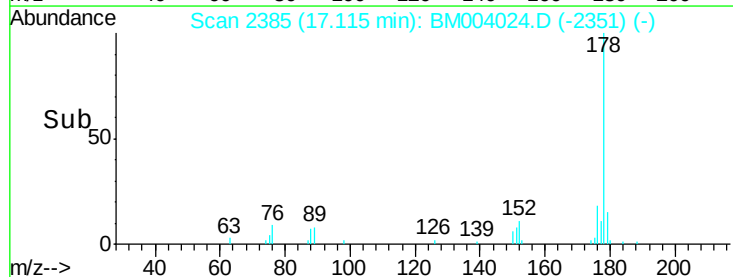
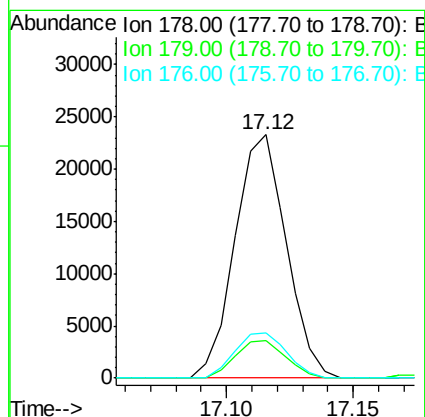
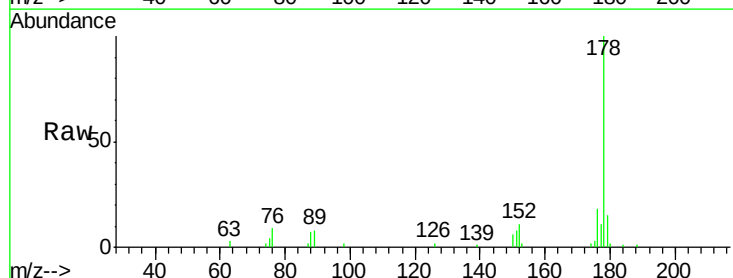
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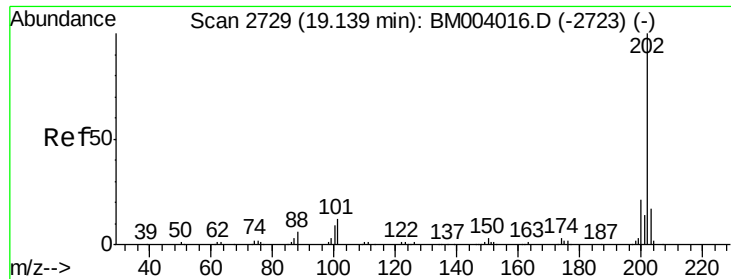
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#70
Phenanthrene
Concen: 2.28 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004024.D
Acq: 14 Jan 2016 22:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.4	15.6	23.4





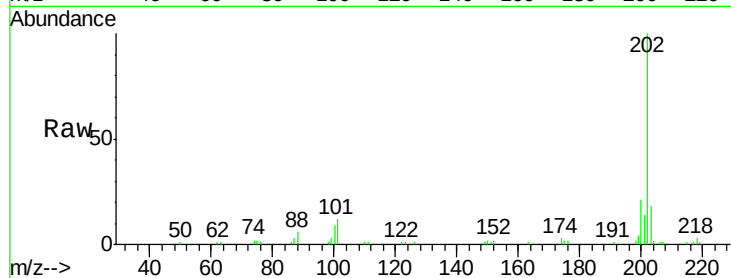
#77
Fluoranthene
Concen: 4.89 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004024.D
Acq: 14 Jan 2016 22:39

Instrument :
BNA_M
ClientSampleId :
BC9A0

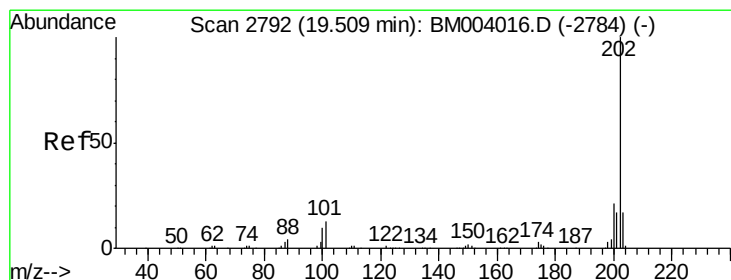
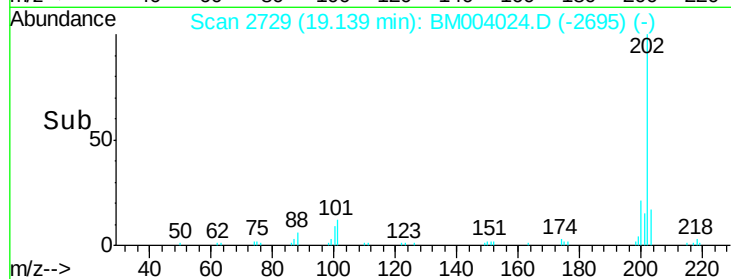
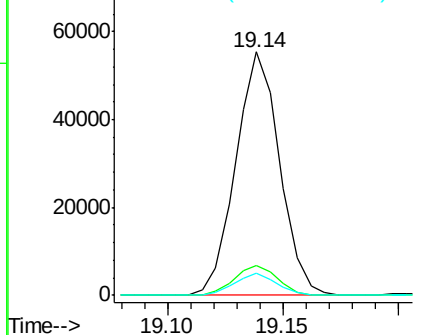
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	8.8	13.2
100	9.0	6.6	9.8

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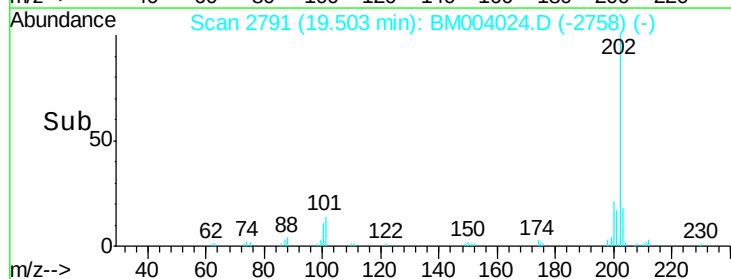
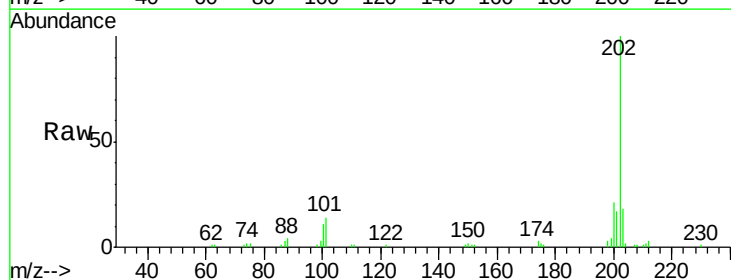
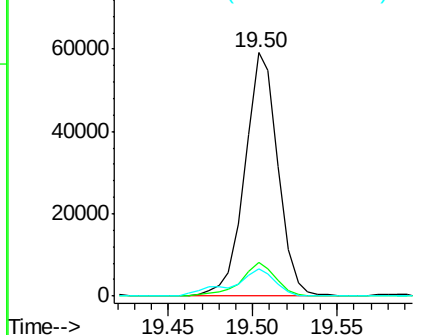
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

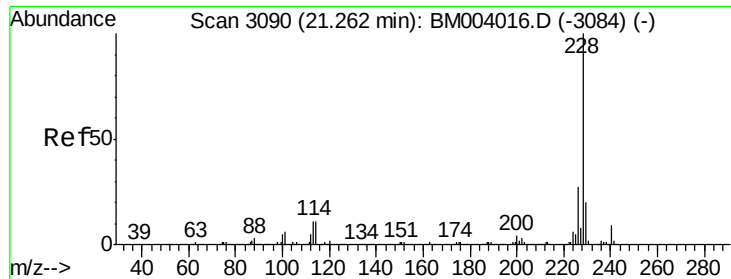


#80
Pyrene
Concen: 5.06 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM004024.D
Acq: 14 Jan 2016 22:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	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





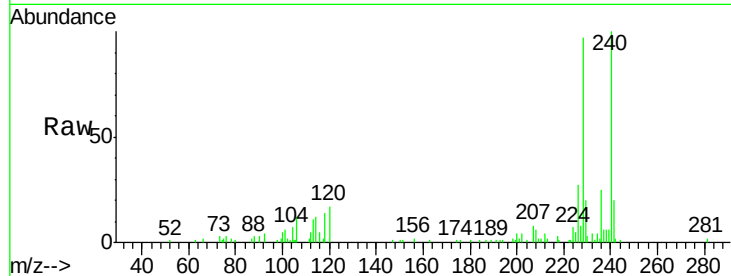
#83
Benzo(a)anthracene
Concen: 2.64 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004024.D
Acq: 14 Jan 2016 22:39

Instrument :
BNA_M
ClientSampleId :
BC9A0

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	27.9	21.8	32.6

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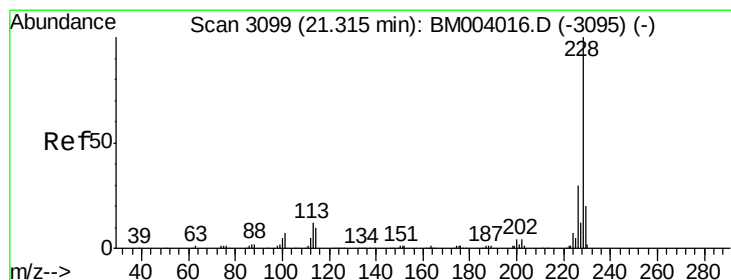
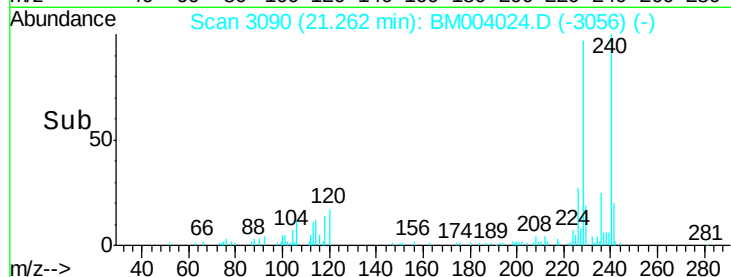
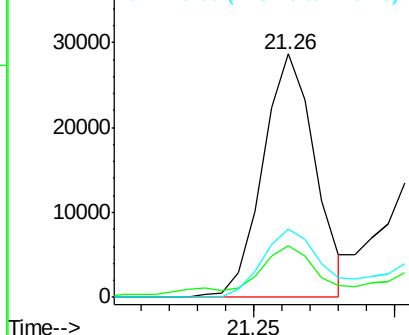


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85
Chrysene
Concen: 3.04 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004024.D
Acq: 14 Jan 2016 22:39

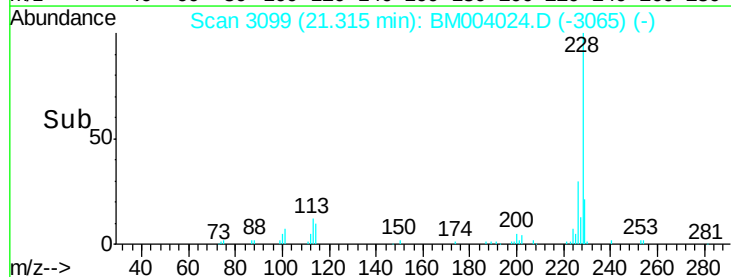
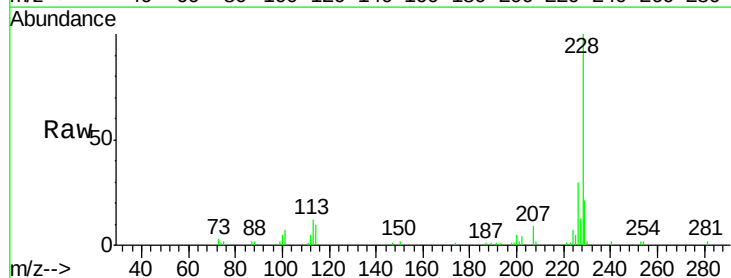
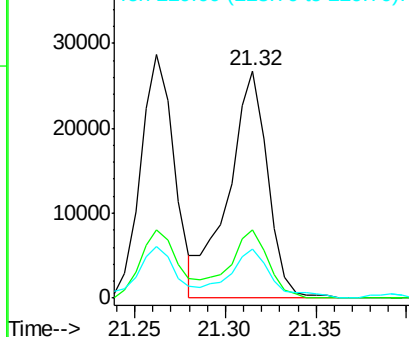
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.4	15.6	23.4

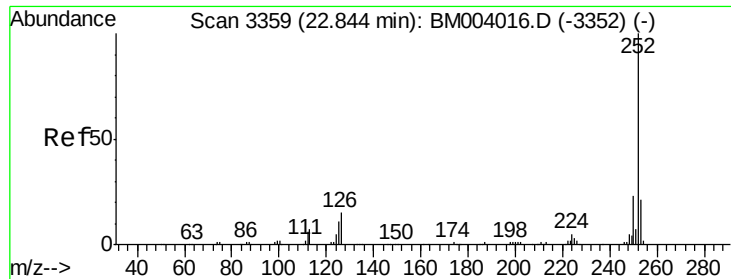
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.42 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM004024.D

Acq: 14 Jan 2016 22:39

Instrument :

BNA_M

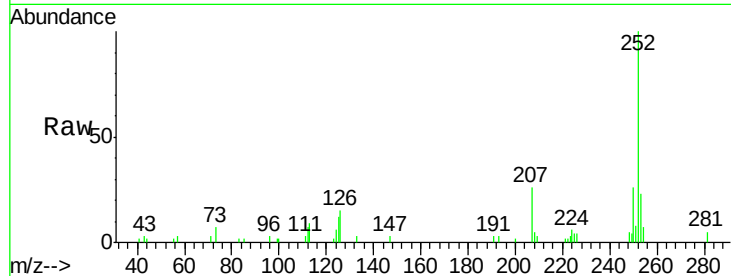
ClientSampled :

BC9A0

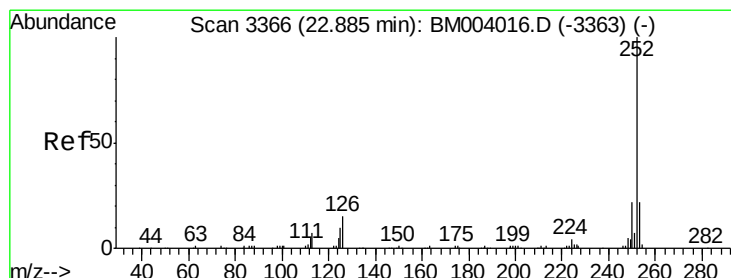
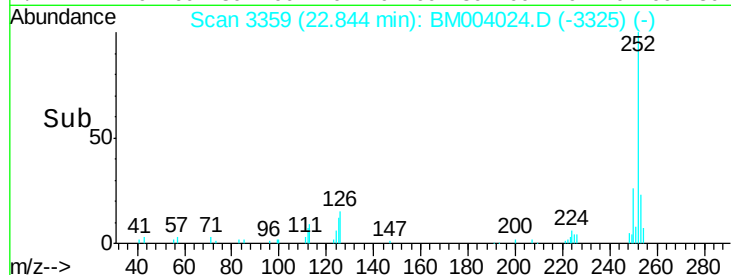
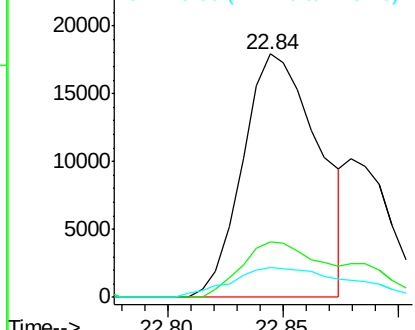
Tgt Ion:	252	Resp:	40977
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	12.0	8.5	12.7

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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



#89

Benzo(k)fluoranthene

Concen: 1.18 ng/ul m

RT: 22.88 min Scan# 3365

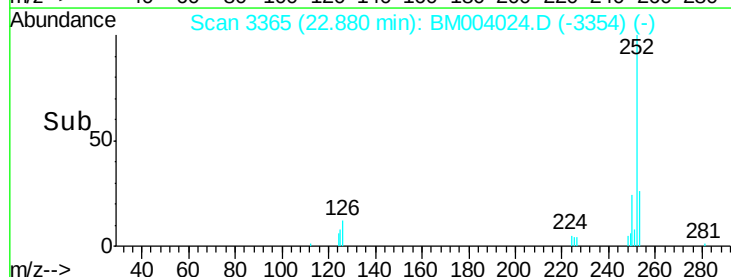
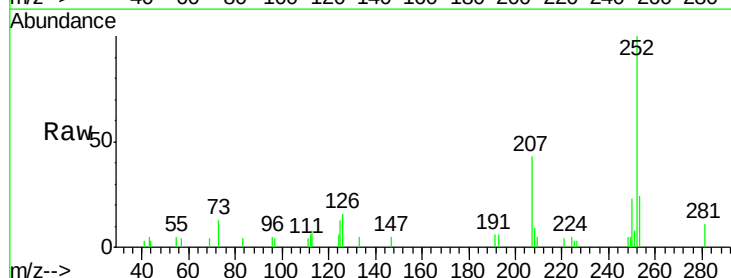
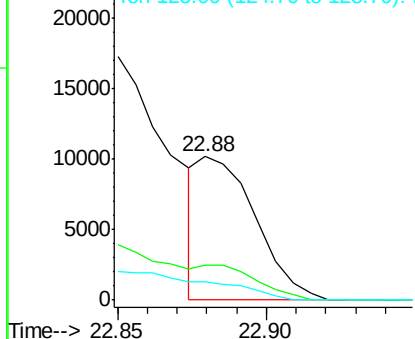
Delta R.T. -0.01 min

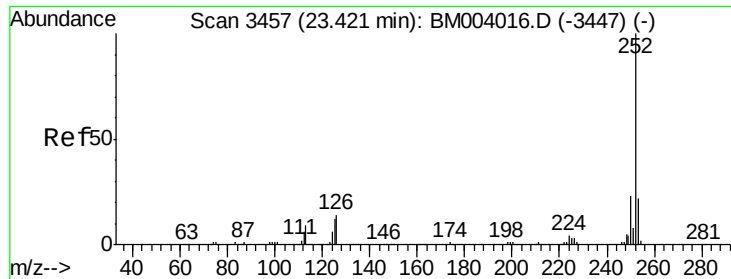
Lab File: BM004024.D

Acq: 14 Jan 2016 22:39

Tgt Ion:	252	Resp:	13400
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.3	25.9
125	12.7	8.2	12.2#

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





#91

Benzo(a)pyrene

Concen: 2.55 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BM004024.D

Acq: 14 Jan 2016 22:39

Instrument :

BNA_M

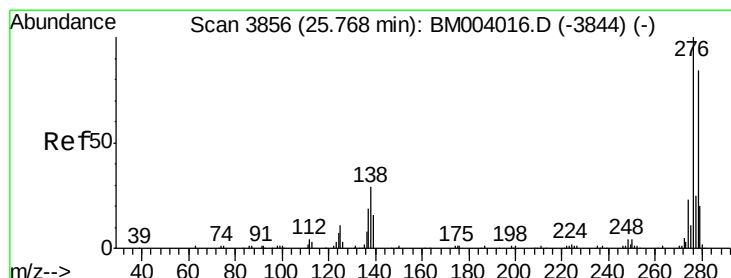
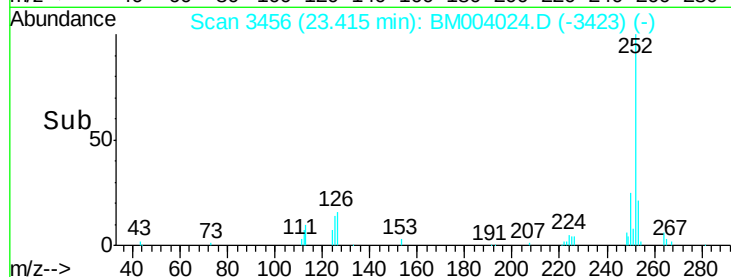
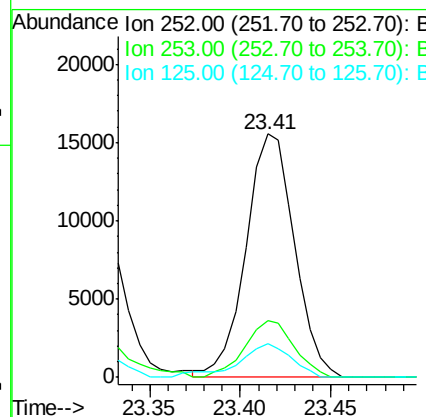
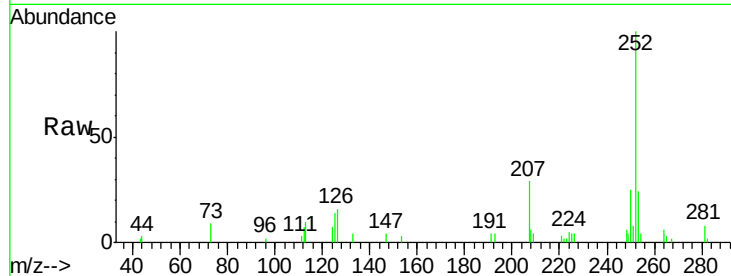
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28916		
253	23.5	17.2	25.8	
125	13.7	9.0	13.6	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.30 ng/ul

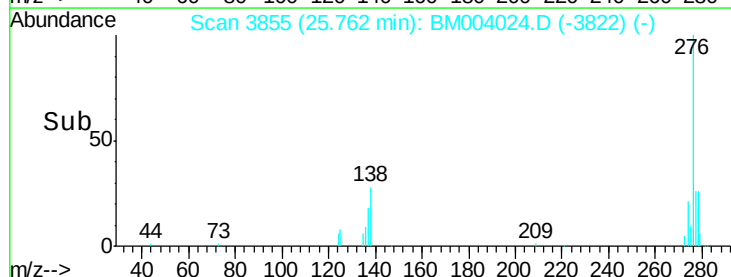
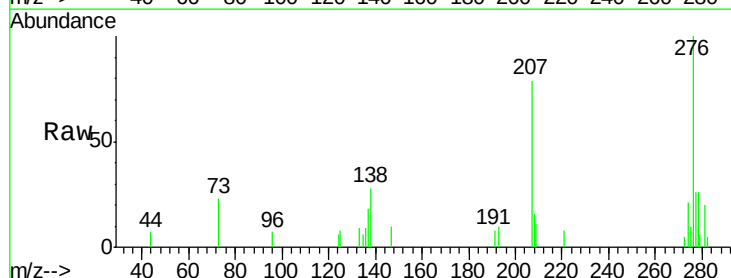
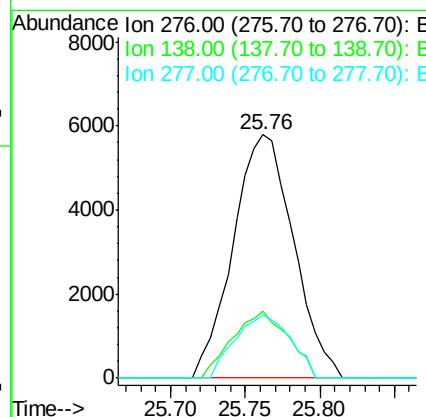
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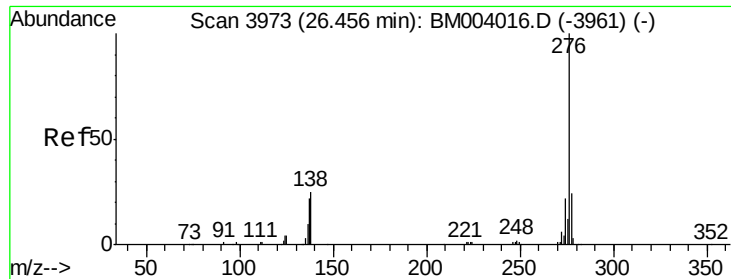
Delta R.T. -0.01 min

Lab File: BM004024.D

Acq: 14 Jan 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	16273		
138	27.8	22.3	33.5	
277	26.2	20.2	30.2	





#94

Benzo(g,h,i)perylene

Concen: 1.48 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM004024.D

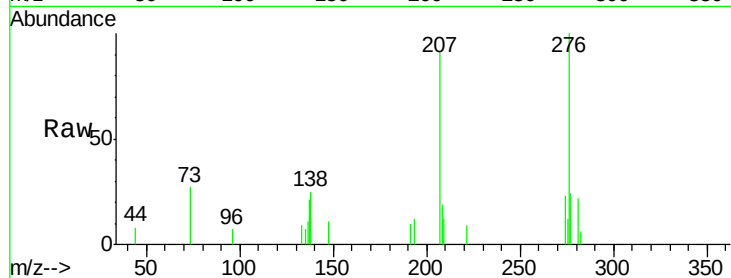
Acq: 14 Jan 2016 22:39

Instrument :

BNA_M

ClientSampleId :

BC9A0



Tgt	Ion	276	Resp:	15611
Ion	Ratio	Lower	Upper	
276	100			
138	25.0	18.9	28.3	
277	24.4	19.2	28.8	

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