

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004053.D
 Acq On : 15 Jan 2016 18:24
 Operator : SJ/UM
 Sample : H1100-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC993

Manual Integrations
 APPROVED

Sohil
 1/16/2016 5:01:19 AM

Quant Time: Jan 16 02:55:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 00:22:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	40308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	190166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110285	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	238489	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	197031	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	177753	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3593	3.99	ng/uL	0.00
5) Phenol-d5	6.85	99	79849	23.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49421	26.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	70444	25.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	47673	17.58	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	37646	26.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	40927	26.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	68393	24.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	83205	22.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	231821	26.77	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	286457	27.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	28005	18.01	ng/ul	0.00
58) Fluorene-d10	15.32	176	201187	27.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	20106	14.95	ng/ul	0.00
71) Anthracene-d10	17.17	188	300873	27.28	ng/ul	0.00
79) Pyrene-d10	19.47	212	308079	30.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	253444	28.55	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	13.78	163	76020	8.61 ng/ul	100
70) Phenanthrene	17.12	178	149079	11.12 ng/ul	99
72) Anthracene	17.20	178	34793	2.53 ng/ul	99
77) Fluoranthene	19.14	202	268858	19.29 ng/ul	99
80) Pyrene	19.51	202	293323	21.93 ng/ul	100
81) Butylbenzylphthalate	20.41	149	96670	17.90 ng/ul	97
83) Benzo(a)anthracene	21.26	228	118087	10.06 ng/ul	97
85) Chrysene	21.32	228	138535	12.43 ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	134431	12.44 ng/ul	97
89) Benzo(k)fluoranthene	22.89	252	45102m	4.39 ng/ul	
91) Benzo(a)pyrene	23.42	252	104134	10.16 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.77	276	65115	5.74 ng/ul	97
93) Dibenzo(a,h)anthracene	25.76	278	21293	2.24 ng/ul#	78
94) Benzo(g,h,i)perylene	26.46	276	54694	5.75 ng/ul	97

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

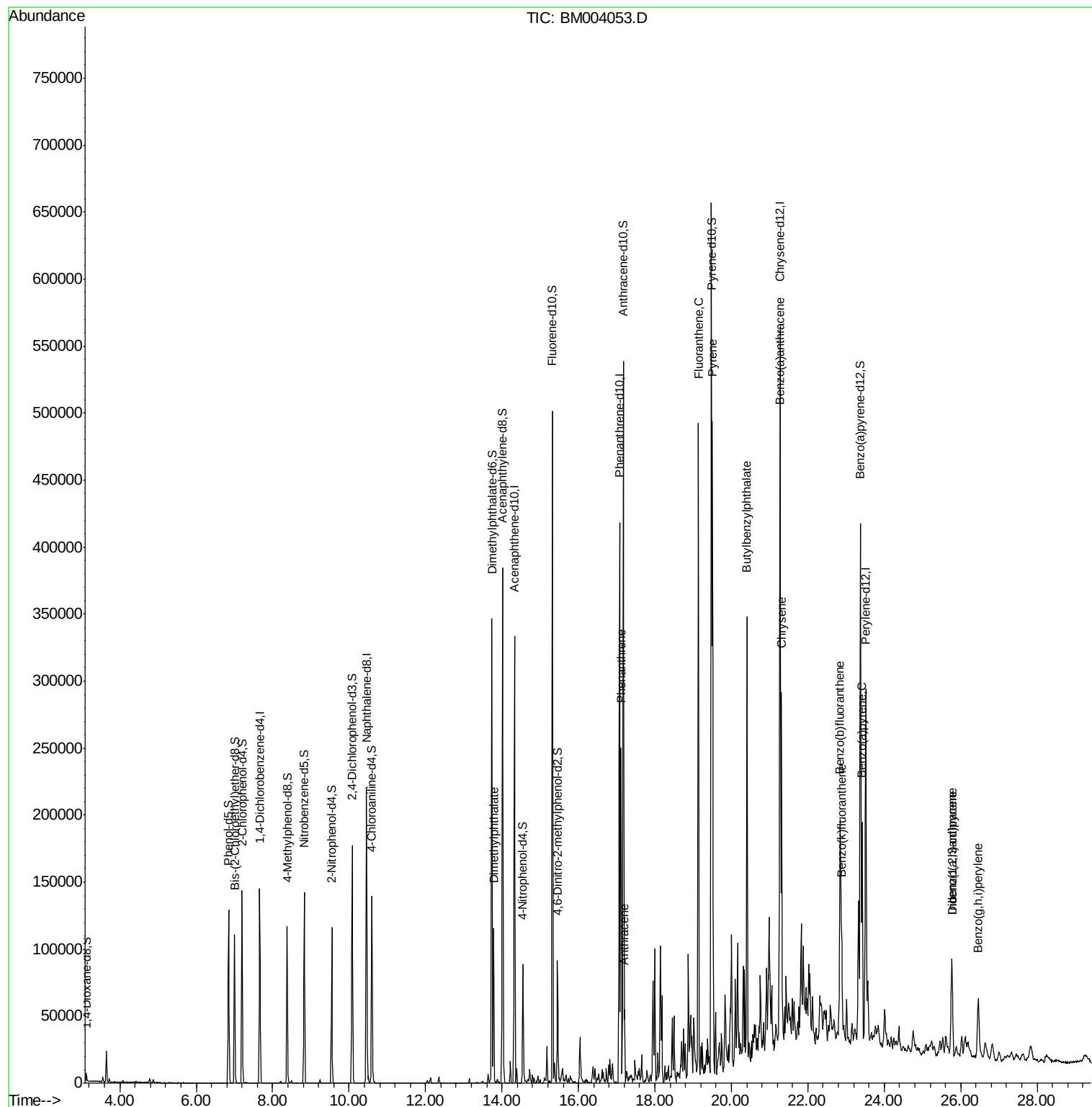
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004053.D
Acq On : 15 Jan 2016 18:24
Operator : SJ/UM
Sample : H1100-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

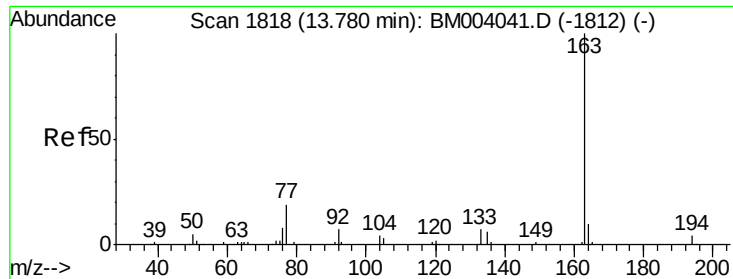
Instrument :
BNA_M
ClientSampleId :
BC993

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
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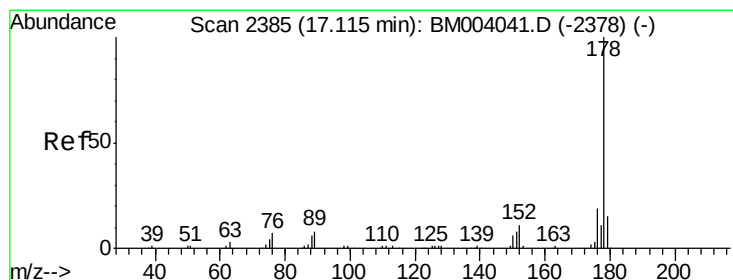
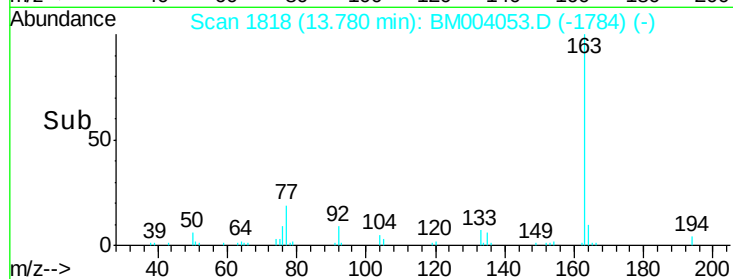
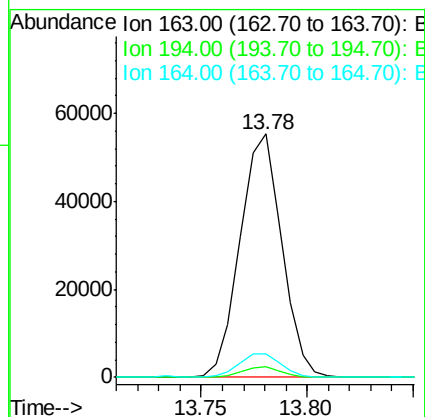
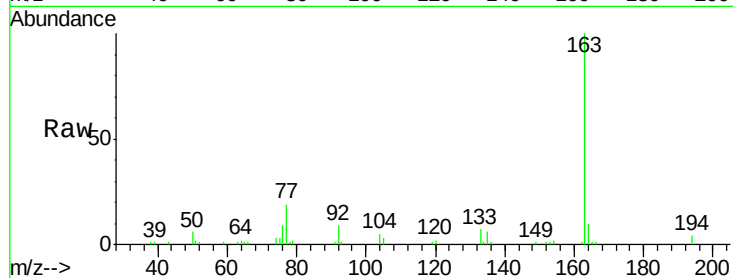
#45
Dimethylphthalate
Concen: 8.61 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

Instrument :
BNA_M
ClientSampleId :
BC993

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	76020		
194	4.1		3.2	4.8
164	9.6		7.8	11.8

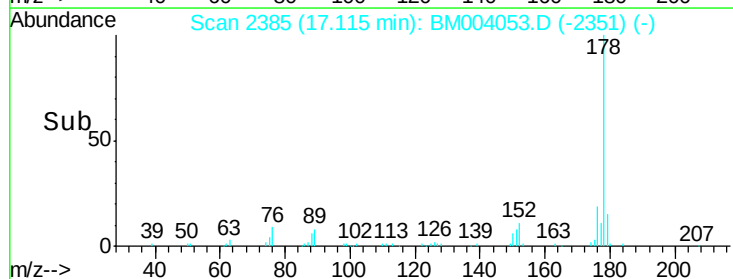
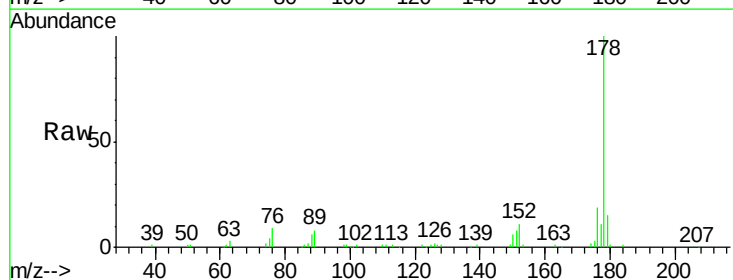
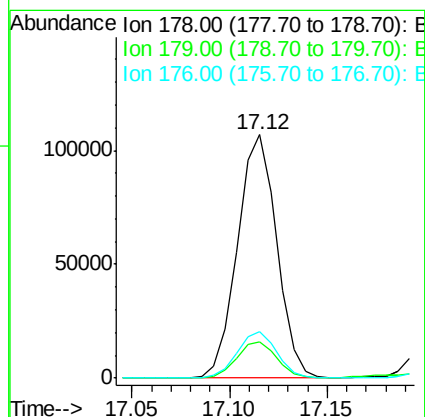
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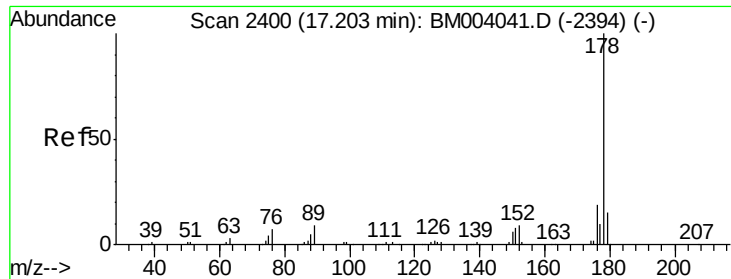
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#70
Phenanthrene
Concen: 11.12 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004053.D
Acq: 15 Jan 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	149079		
179	15.2		12.2	18.4
176	19.1		15.6	23.4





#72

Anthracene

Concen: 2.53 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004053.D

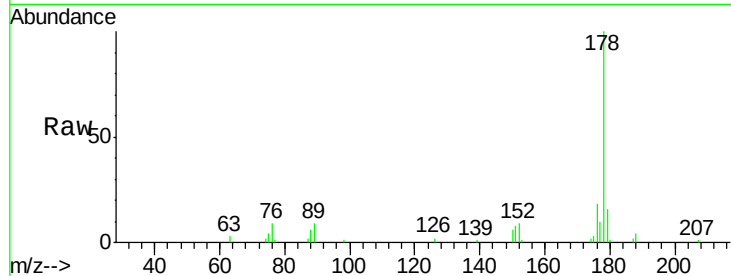
Acq: 15 Jan 2016 18:24

Instrument :

BNA_M

ClientSampleId :

BC993



Tgt Ion:178 Resp: 34793

Ion Ratio Lower Upper

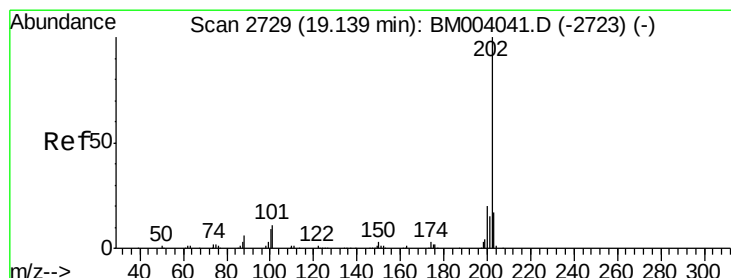
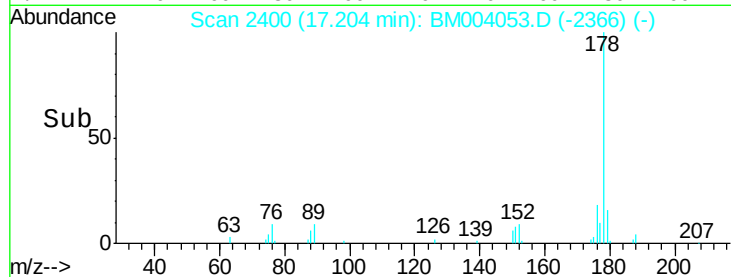
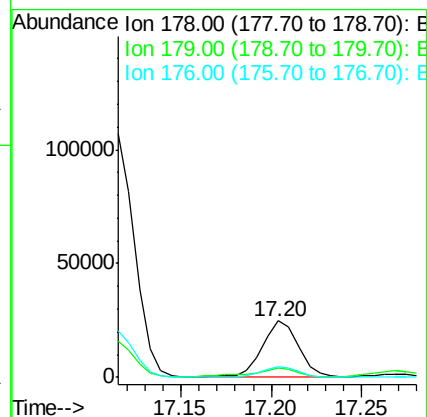
178 100

179 15.7 12.1 18.1

176 18.3 14.8 22.2

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#77

Fluoranthene

Concen: 19.29 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

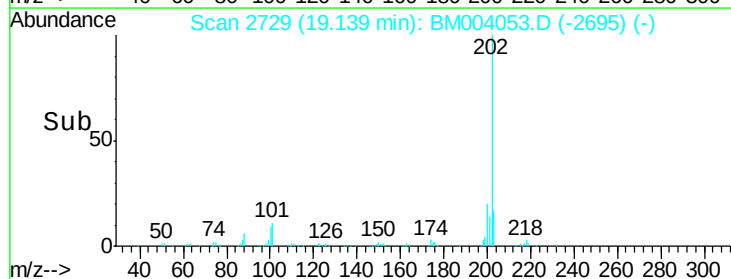
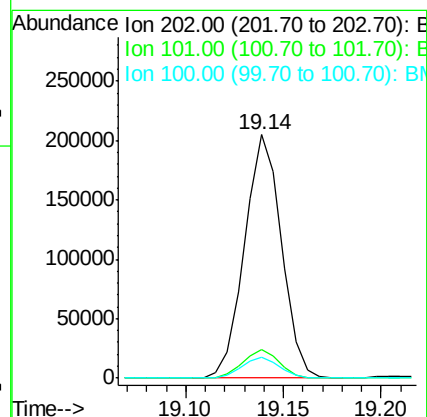
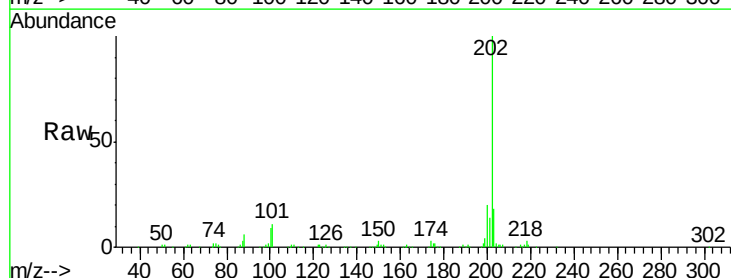
Tgt Ion:202 Resp: 268858

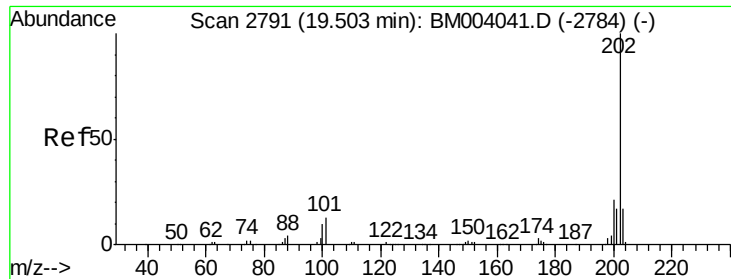
Ion Ratio Lower Upper

202 100

101 11.5 8.8 13.2

100 8.7 6.6 9.8





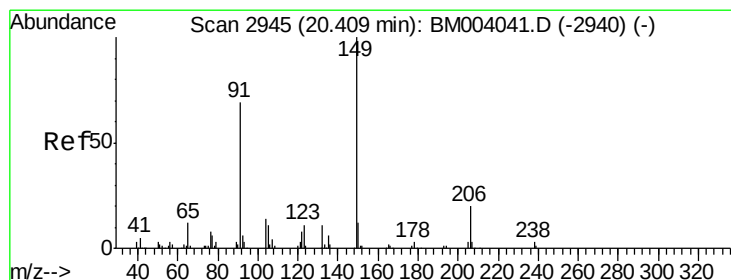
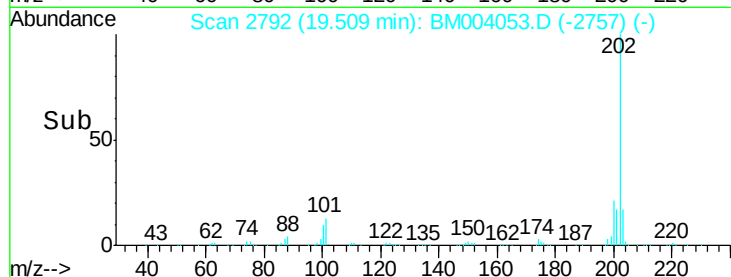
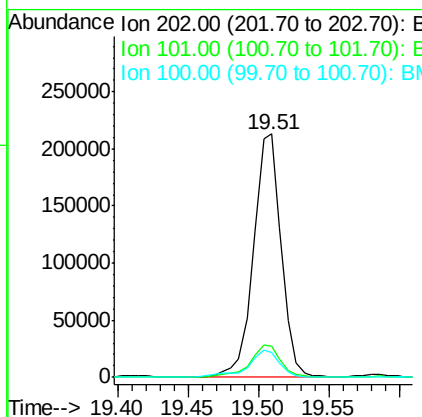
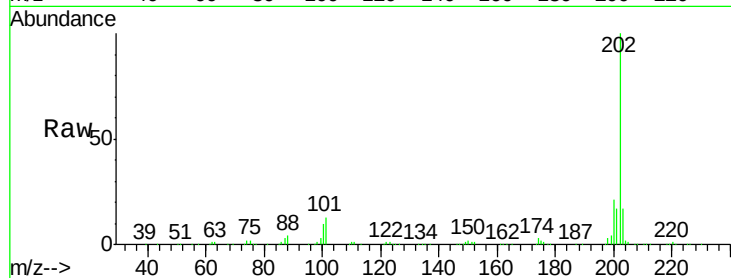
#80
 Pyrene
 Concen: 21.93 ng/ul
 RT: 19.51 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BM004053.D
 Acq: 15 Jan 2016 18:24

Instrument :
 BNA_M
 ClientSampled :
 BC993

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	293323		
101	12.7	10.2	15.2	
100	10.2	8.5	12.7	

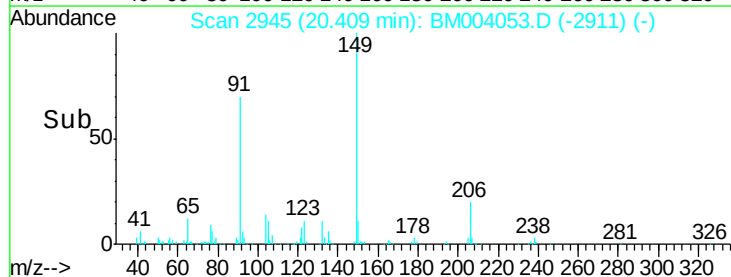
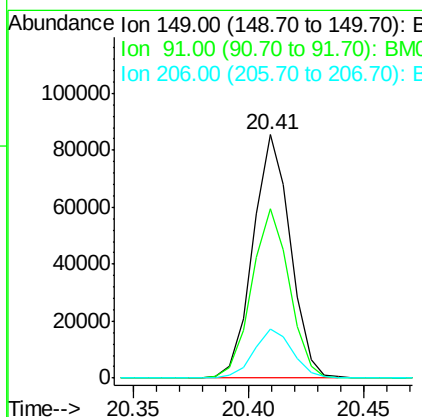
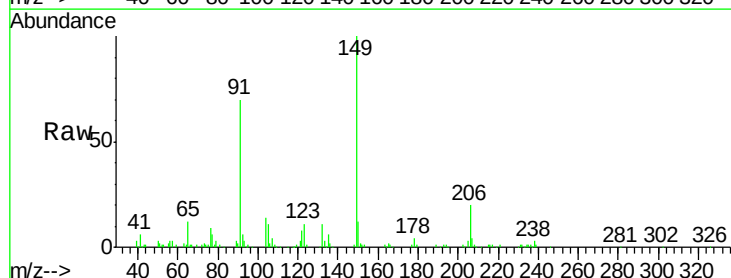
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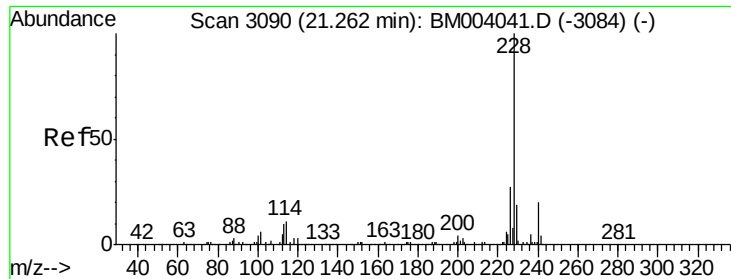
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#81
 Butylbenzylphthalate
 Concen: 17.90 ng/ul
 RT: 20.41 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BM004053.D
 Acq: 15 Jan 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	96670		
91	69.5	53.4	80.2	
206	20.1	16.6	24.8	





#83

Benzo(a)anthracene

Concen: 10.06 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

Instrument :

BNA_M

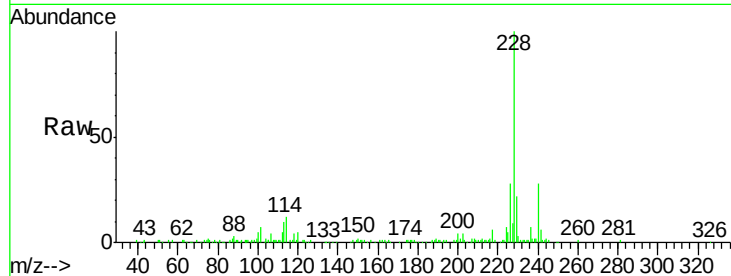
ClientSampleId :

BC993

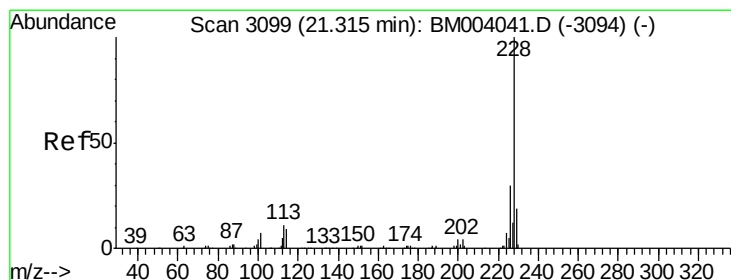
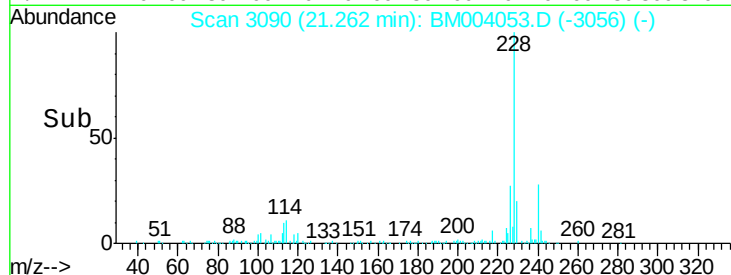
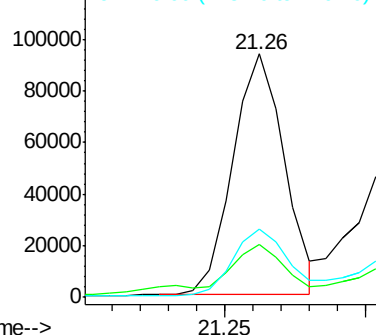
Tgt Ion:	228	Resp:	118087
Ion Ratio		Lower	Upper
228	100		
229	21.7	15.7	23.5
226	28.1	21.8	32.6

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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: 12.43 ng/ul

RT: 21.32 min Scan# 3099

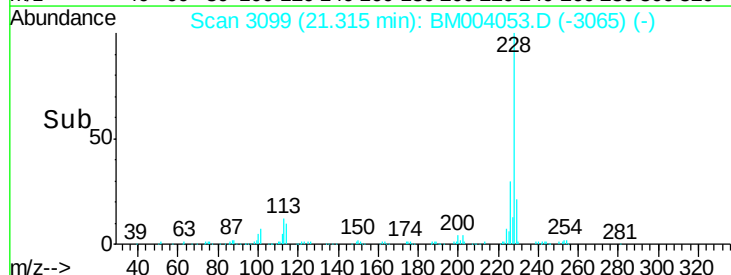
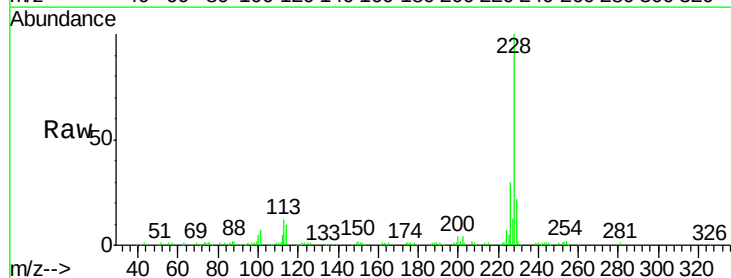
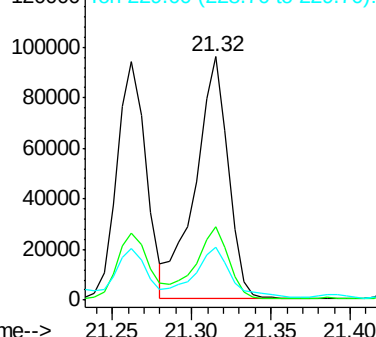
Delta R.T. 0.00 min

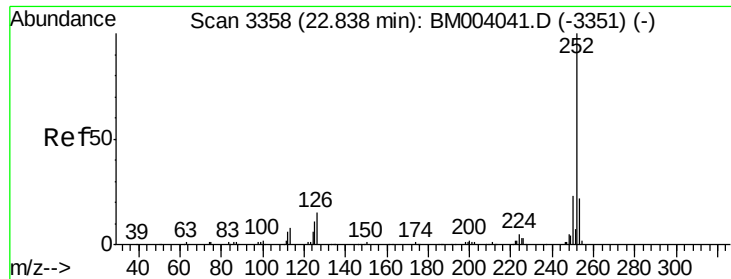
Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

Tgt Ion:	228	Resp:	138535
Ion Ratio		Lower	Upper
228	100		
226	30.0	24.0	36.0
229	21.7	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: 12.44 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

Instrument :

BNA_M

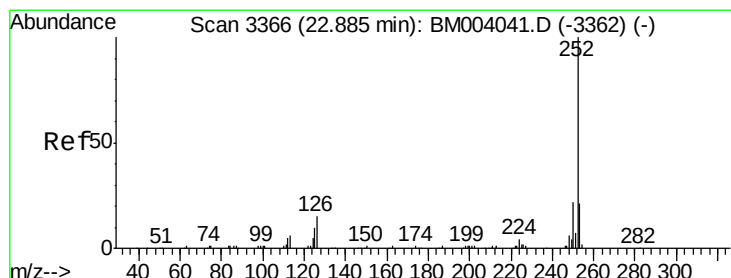
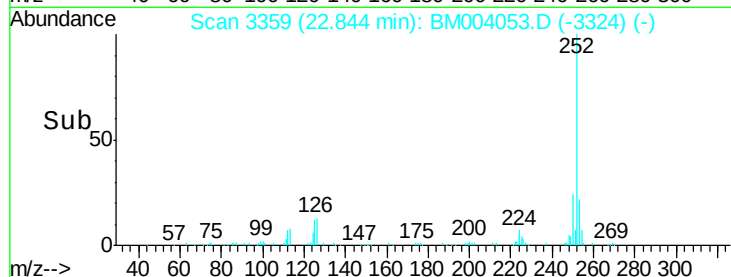
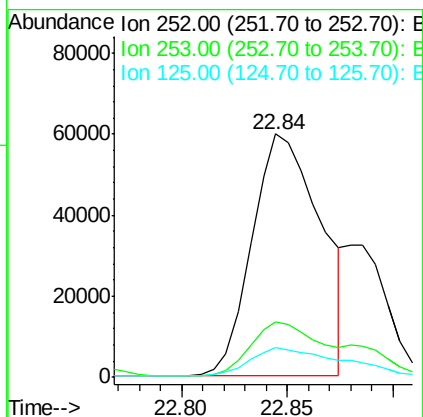
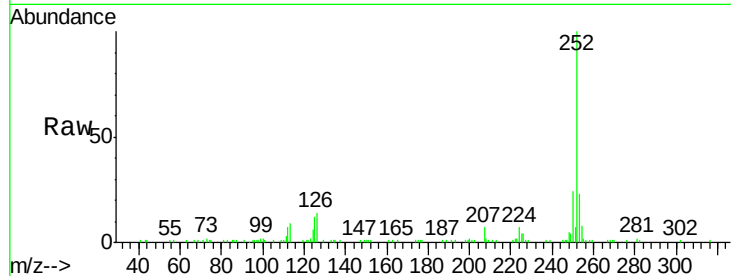
ClientSampleId :

BC993

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	134431		
253	22.8	17.5	26.3	
125	12.4	8.5	12.7	

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#89

Benzo(k)fluoranthene

Concen: 4.39 ng/ul m

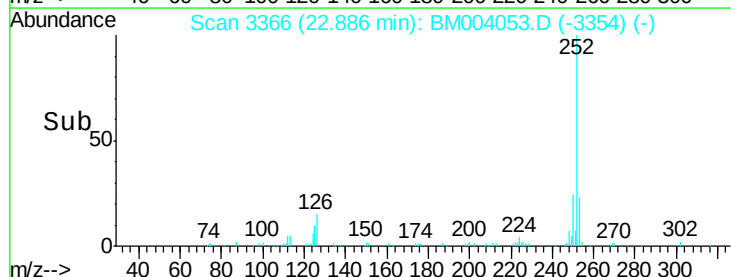
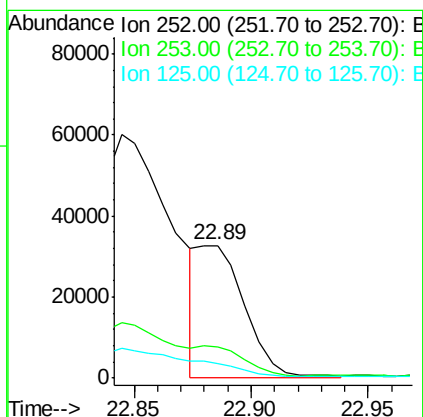
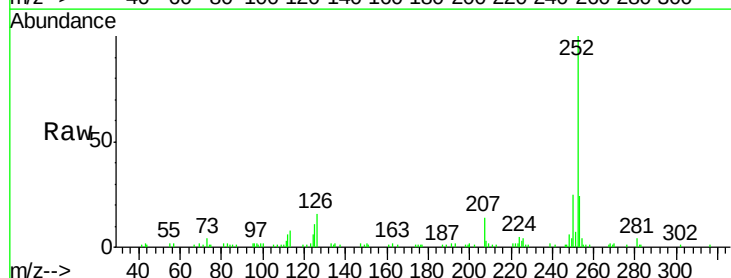
RT: 22.89 min Scan# 3366

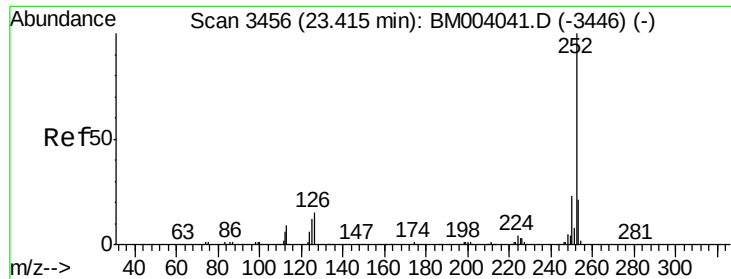
Delta R.T. 0.00 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	45102		
253	23.8	17.3	25.9	
125	11.4	8.2	12.2	





#91

Benzo(a)pyrene

Concen: 10.16 ng/ul

RT: 23.42 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

Instrument :

BNA_M

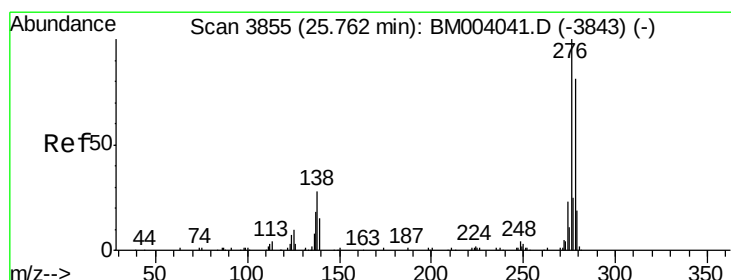
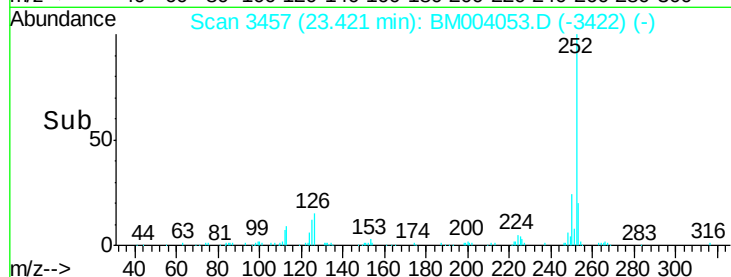
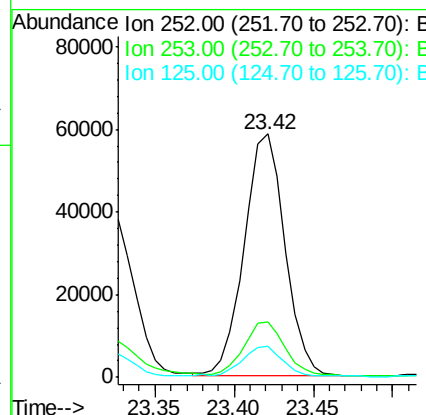
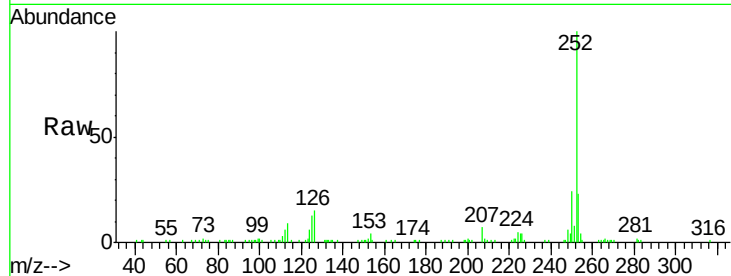
ClientSampleId :

BC993

Tgt Ion:	252	Resp:	104134
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.5	9.0	13.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 5.74 ng/ul

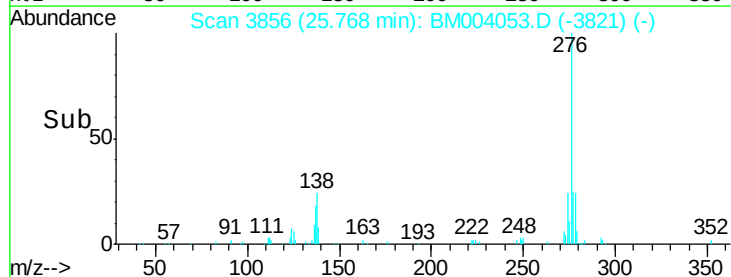
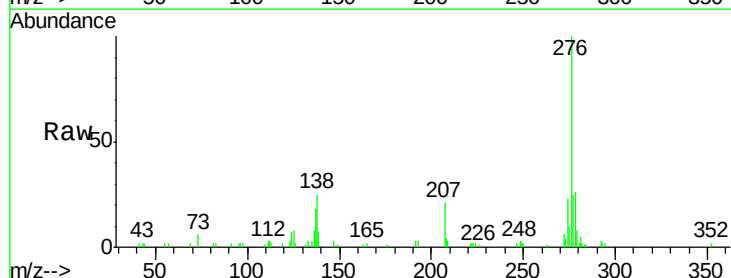
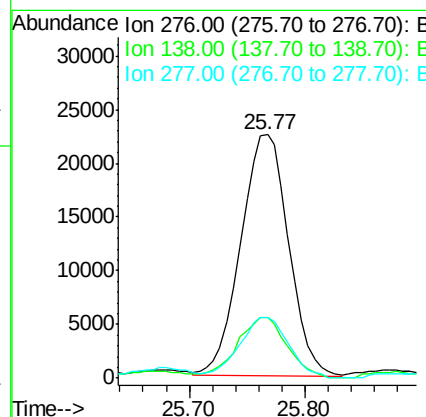
RT: 25.77 min Scan# 3856

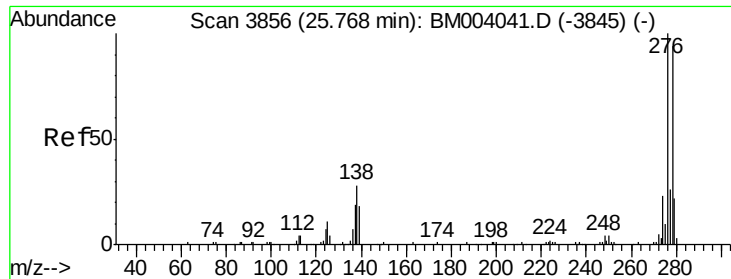
Delta R.T. 0.01 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24

Tgt Ion:	276	Resp:	65115
Ion Ratio		Lower	Upper
276	100		
138	24.9	22.3	33.5
277	25.0	20.2	30.2





#93

Dibenzo(a,h)anthracene

Concen: 2.24 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BM004053.D

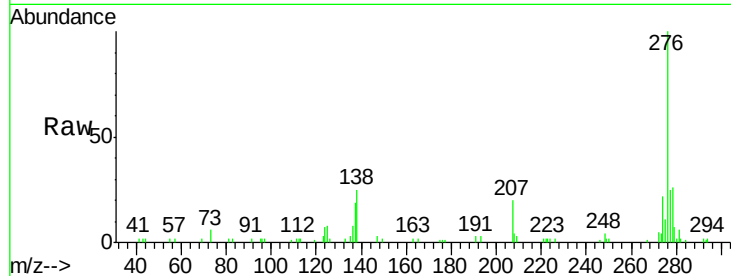
Acq: 15 Jan 2016 18:24

Instrument :

BNA_M

ClientSampled :

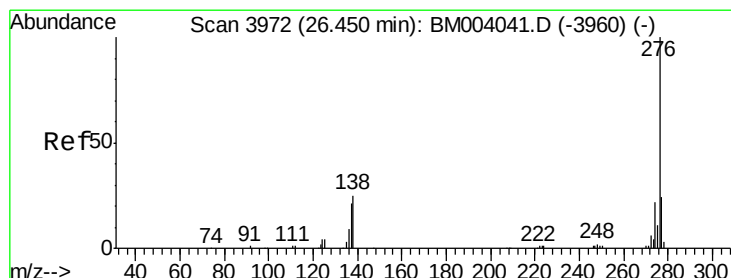
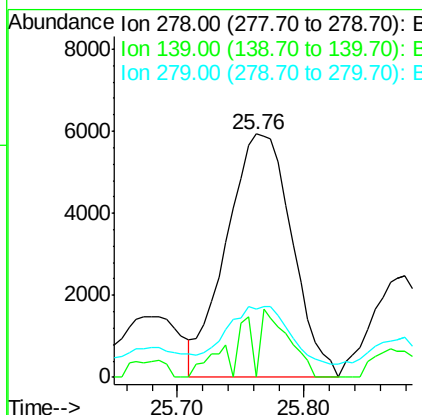
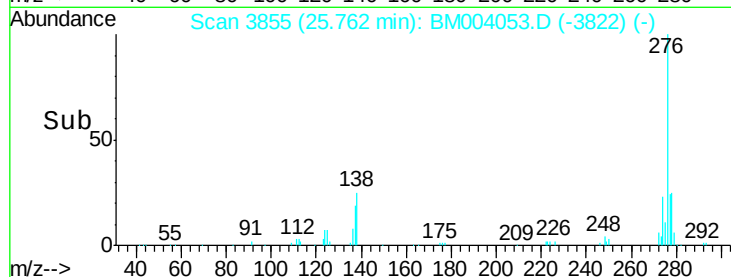
BC993



Tgt Ion:	278	Resp:	21293
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	27.9	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/16/2016 5:01:19 AM



#94

Benzo(g,h,i)perylene

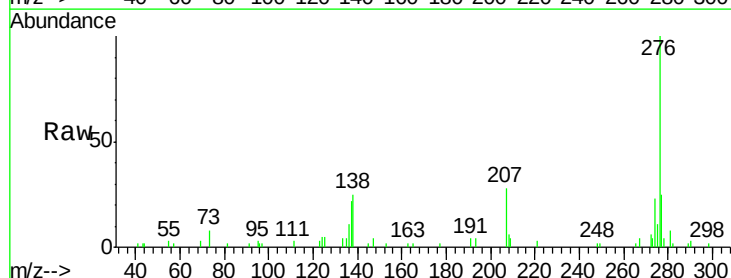
Concen: 5.75 ng/ul

RT: 26.46 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BM004053.D

Acq: 15 Jan 2016 18:24



Tgt Ion:	276	Resp:	54694
Ion Ratio	Lower	Upper	
276	100		
138	25.0	18.9	28.3
277	25.5	19.2	28.8

