

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004061.D
 Acq On : 15 Jan 2016 23:13
 Operator : SJ/UM
 Sample : H1100-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9G7

Quant Time: Jan 16 03:08:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 03:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	33073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	162568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	95110	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	213775	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	188489	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	167699	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3466	4.69	ng/uL	0.00
5) Phenol-d5	6.84	99	86378	31.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49274	31.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	71730	31.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	58914	26.48	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	38694	31.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	42252	31.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	72146	30.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	108019	34.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	255505	34.22	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	306999	33.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	42384	31.60	ng/ul	0.00
58) Fluorene-d10	15.32	176	225027	35.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	26940	22.35	ng/ul	0.00
71) Anthracene-d10	17.17	188	355151	35.92	ng/ul	0.00
79) Pyrene-d10	19.47	212	383297	39.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	321157	38.35	ng/ul	0.00

Target Compounds

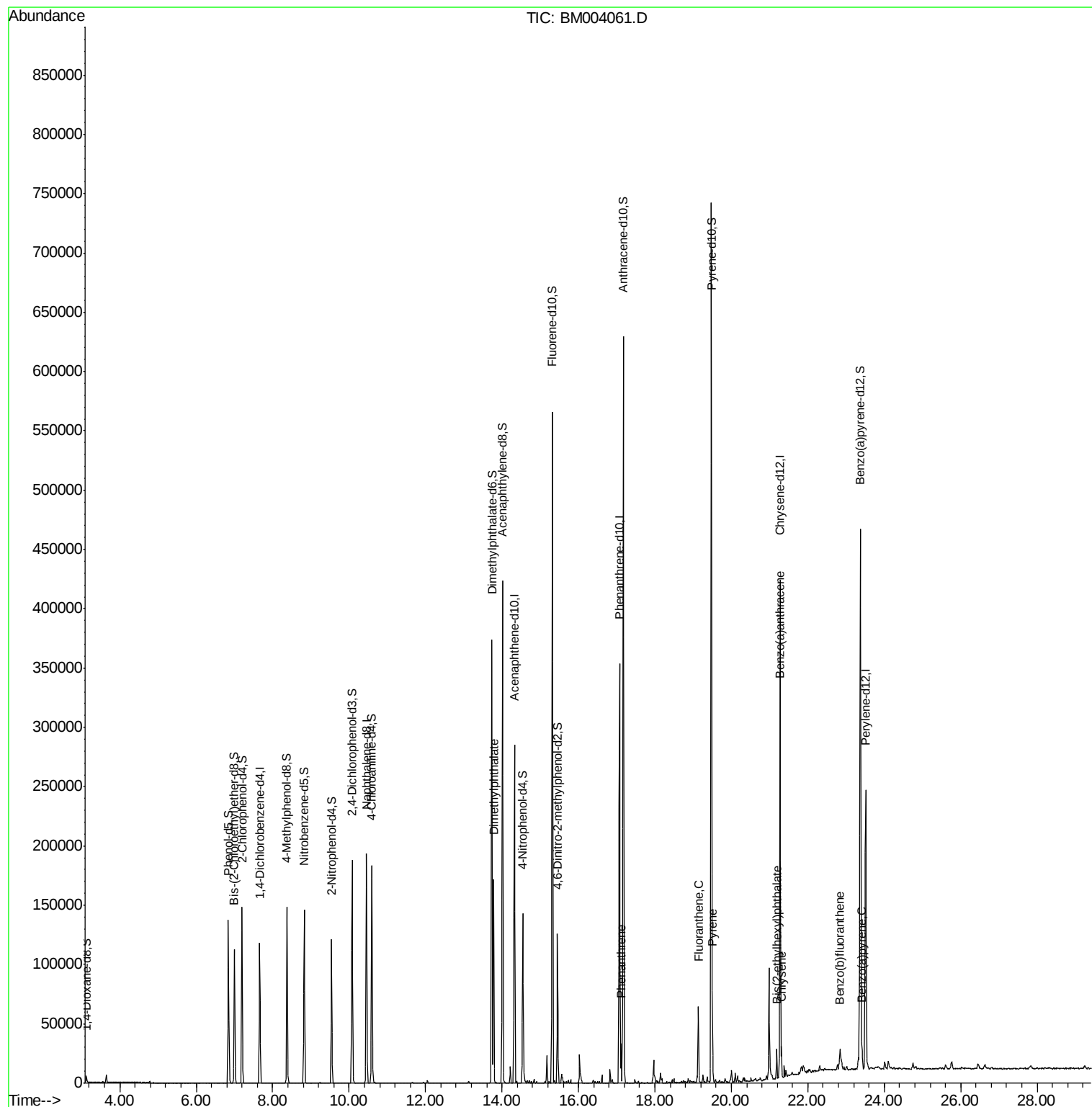
						Qvalue
45) Dimethylphthalate	13.78	163	112665	14.80	ng/ul	99
70) Phenanthrene	17.12	178	22711	1.89	ng/ul	100
77) Fluoranthene	19.14	202	38516	3.08	ng/ul	98
80) Pyrene	19.50	202	34810	2.72	ng/ul	98
83) Benzo(a)anthracene	21.26	228	16499	1.47	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	9789	1.43	ng/ul	99
85) Chrysene	21.31	228	16633	1.56	ng/ul	96
88) Benzo(b)fluoranthene	22.84	252	17039	1.67	ng/ul#	92
91) Benzo(a)pyrene	23.41	252	12687	1.31	ng/ul	98

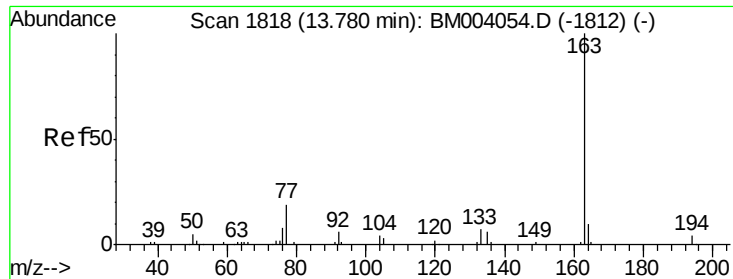
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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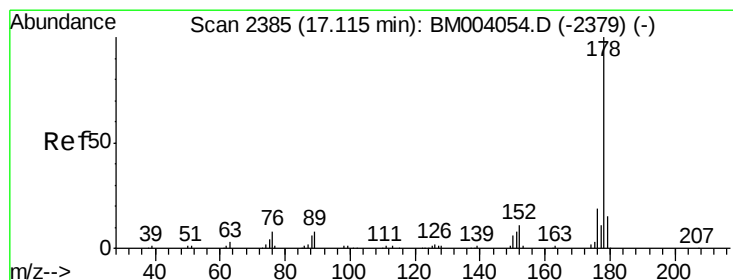
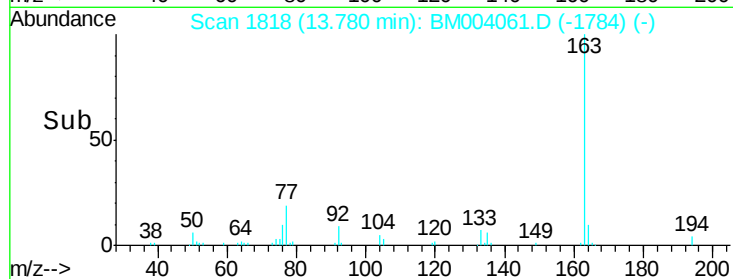
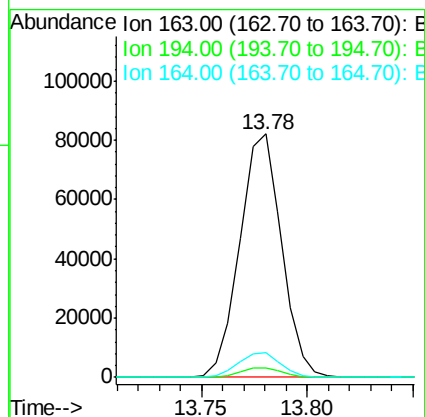
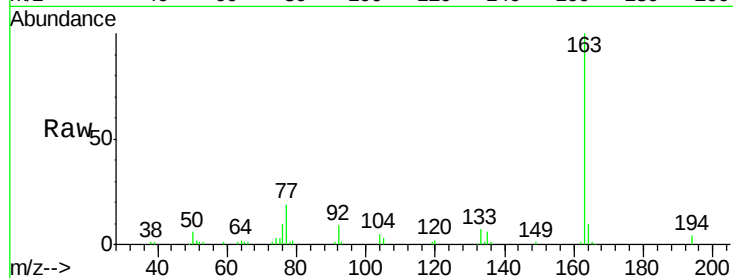




#45
Dimethylphthalate
Concen: 14.80 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM004061.D
Acq: 15 Jan 2016 23:13

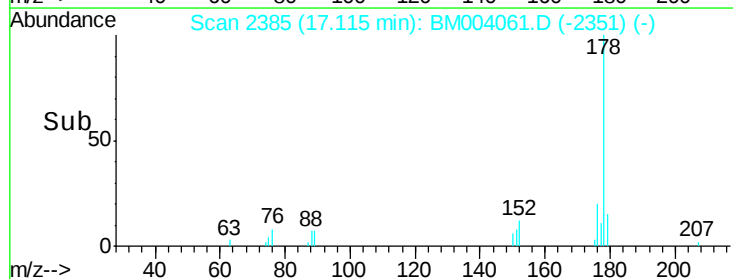
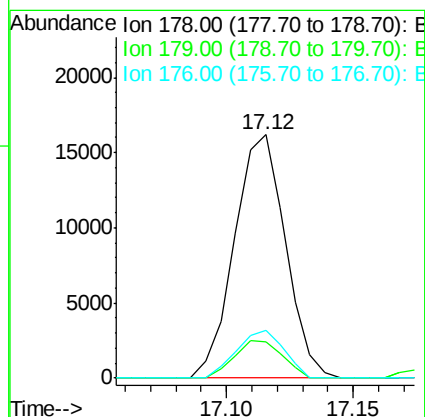
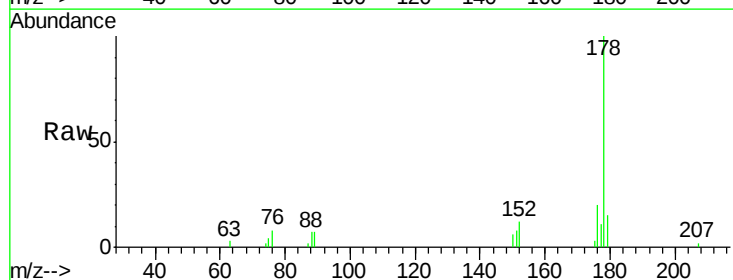
Instrument :
BNA_M
ClientSampleId :
BC9G7

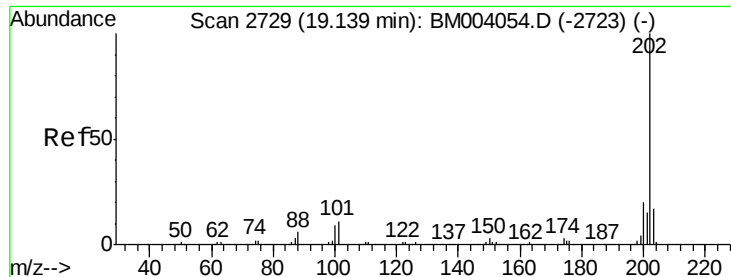
Tgt Ion:163 Resp: 112665
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 7.8 11.8



#70
Phenanthrene
Concen: 1.89 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM004061.D
Acq: 15 Jan 2016 23:13

Tgt Ion:178 Resp: 22711
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 19.6 15.6 23.4

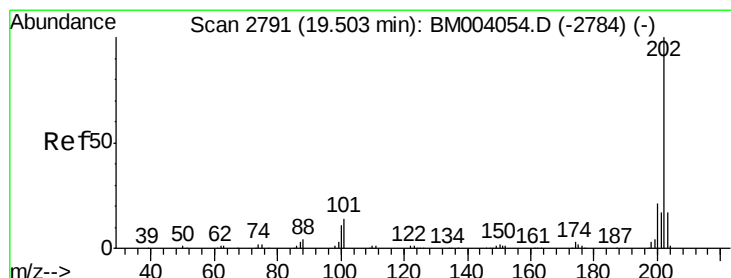
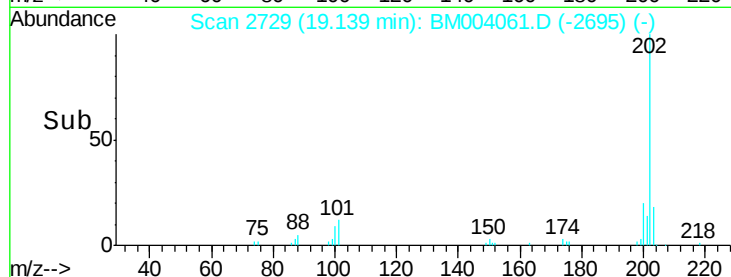
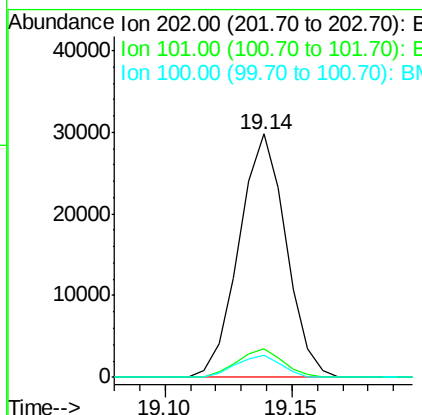
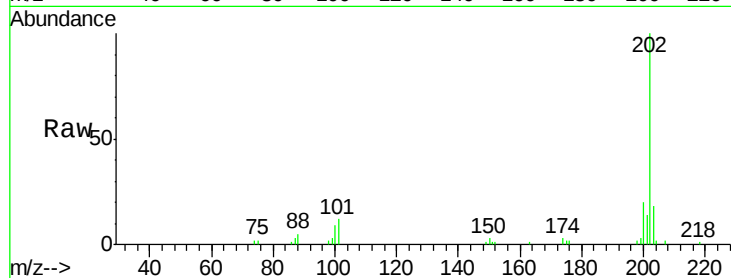




#77
Fluoranthene
 Concen: 3.08 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM004061.D
 Acq: 15 Jan 2016 23:13

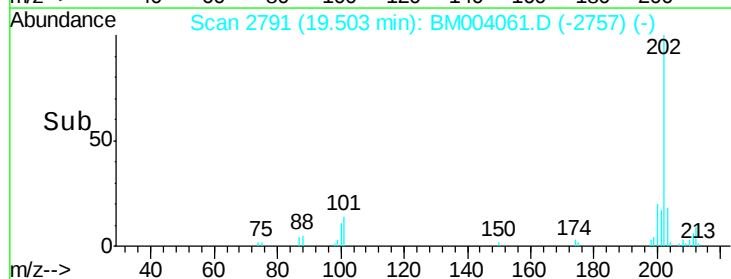
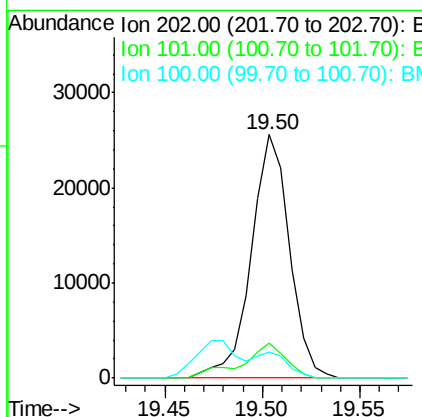
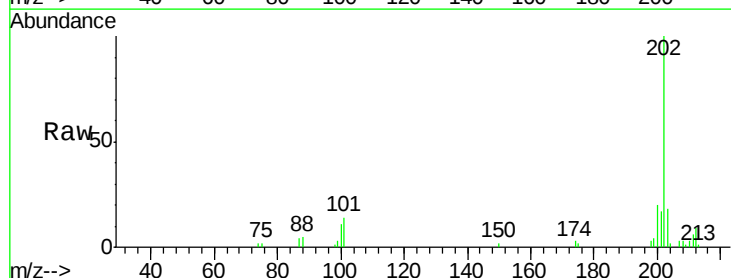
Instrument :
 BNA_M
 ClientSampleId :
 BC9G7

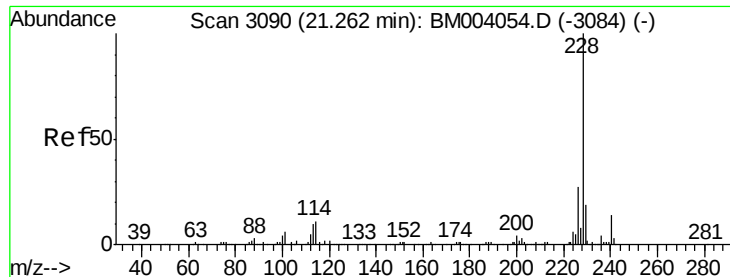
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.8	13.2
100	9.1	6.6	9.8



#80
Pyrene
 Concen: 2.72 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BM004061.D
 Acq: 15 Jan 2016 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.2	15.2
100	10.8	8.5	12.7





#83

Benzo(a)anthracene

Concen: 1.47 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM004061.D

Acq: 15 Jan 2016 23:13

Instrument :

BNA_M

ClientSampleId :

BC9G7

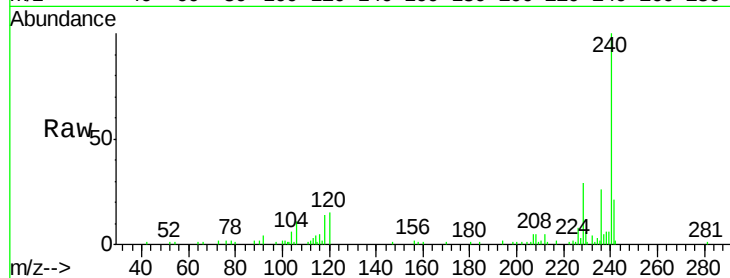
Tgt Ion:228 Resp: 16499

Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

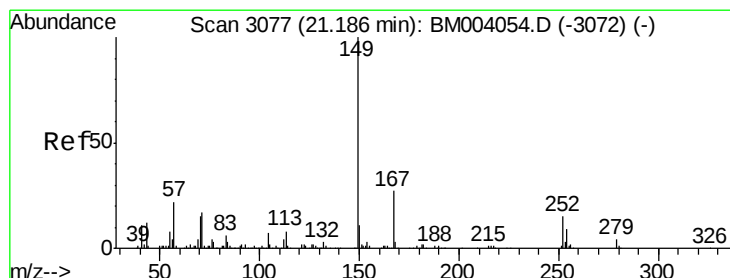
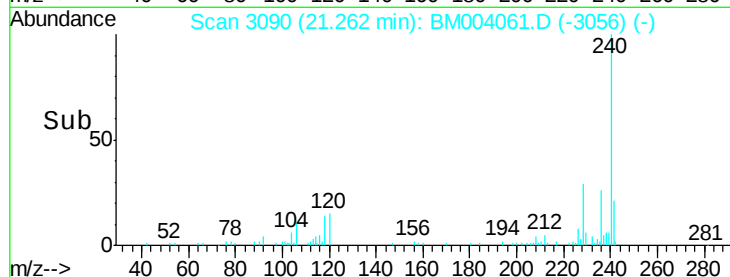
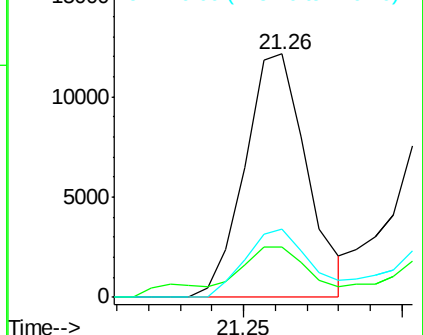
226 28.0 21.8 32.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.43 ng/ul

RT: 21.19 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BM004061.D

Acq: 15 Jan 2016 23:13

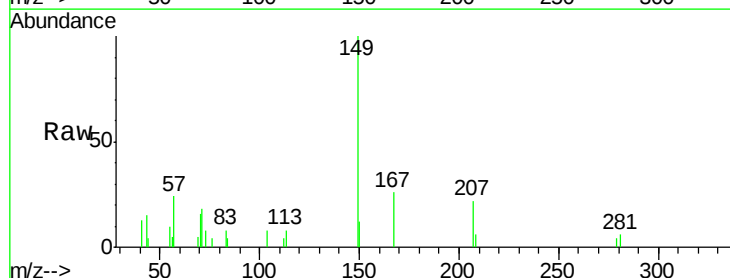
Tgt Ion:149 Resp: 9789

Ion Ratio Lower Upper

149 100

167 26.4 21.6 32.4

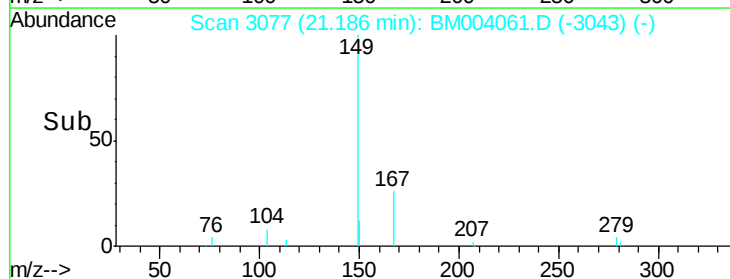
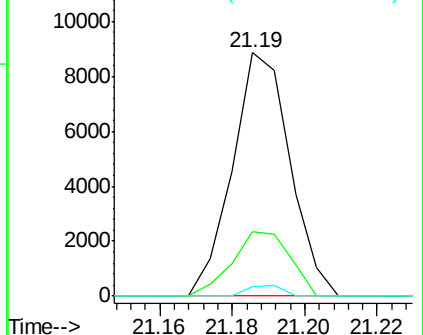
279 3.8 3.0 4.4

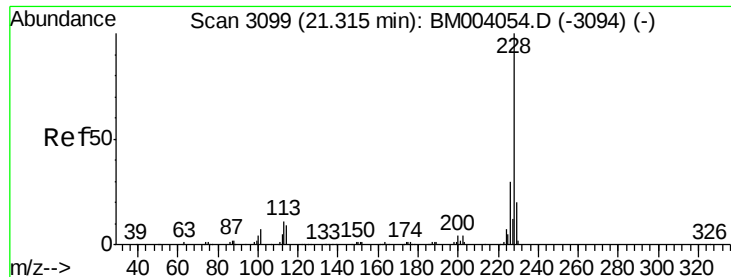


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 1.56 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

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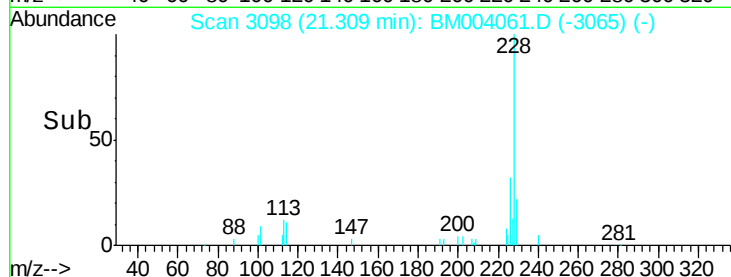
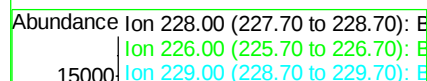
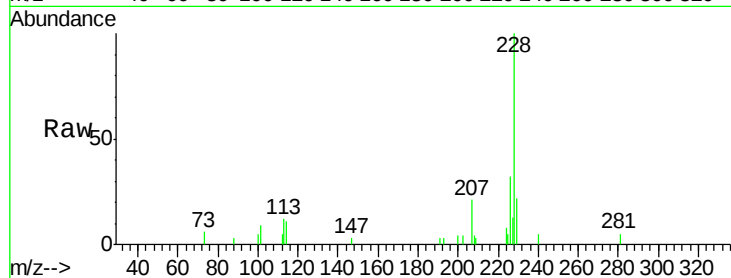
Tgt Ion:228 Resp: 16633

Ion Ratio Lower Upper

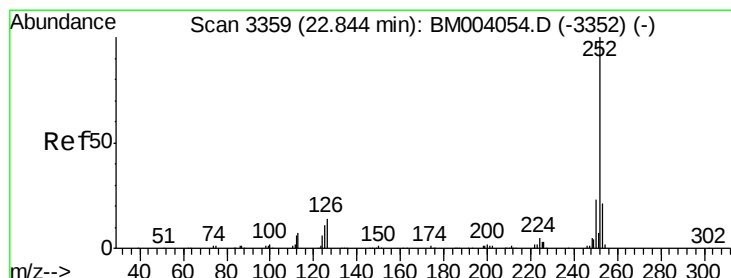
228 100

226 31.6 24.0 36.0

229 21.8 15.6 23.4



Time-->



#88

Benzo(b)fluoranthene

Concen: 1.67 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BM004061.D

Acq: 15 Jan 2016 23:13

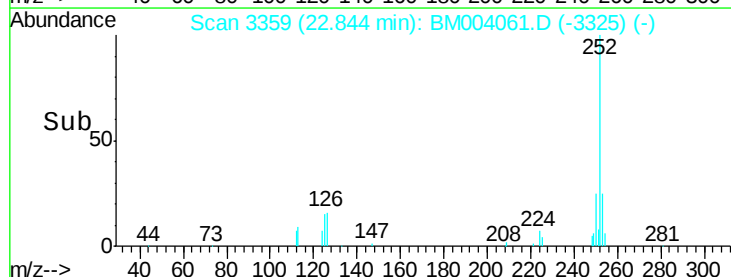
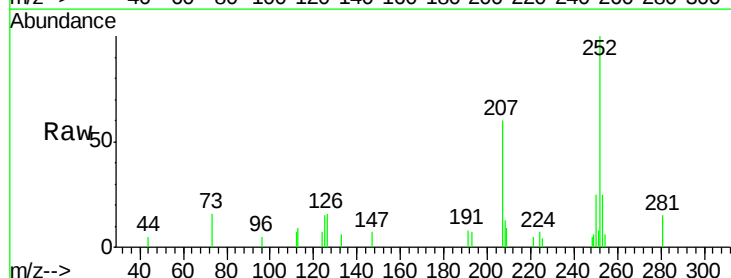
Tgt Ion:252 Resp: 17039

Ion Ratio Lower Upper

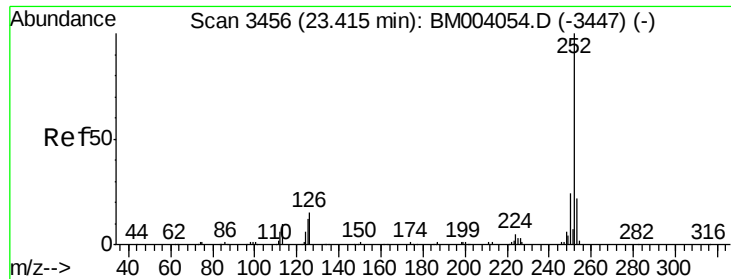
252 100

253 24.8 17.5 26.3

125 14.7 8.5 12.7#



Time-->



#91

Benzo(a)pyrene

Concen: 1.31 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM004061.D

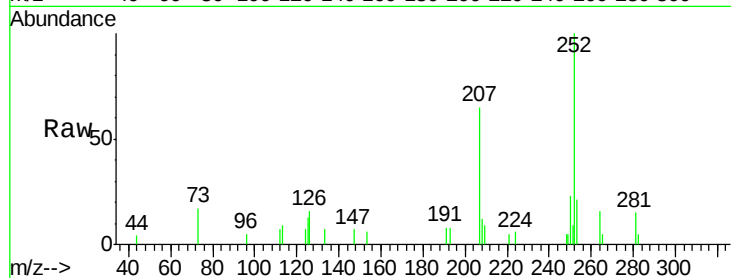
Acq: 15 Jan 2016 23:13

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	252	Resp:	12687
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	13.5	9.0	13.6

