

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052316\
 Data File : BM005618.D
 Acq On : 23 May 2016 20:05
 Operator : UM/SJ
 Sample : H2890-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT5DL

Manual Integrations
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Quant Time: May 26 07:57:41 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 25 19:26:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	107011	20.00	ng/ul	0.02
18) Naphthalene-d8	10.59	136	466381	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.44	164	253199	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.18	188	530977	20.00	ng/ul	0.01
75) Chrysene-d12	21.36	240	560545	20.00	ng/ul	0.01
83) Perylene-d12	23.64	264	565145	20.00	ng/ul	0.02

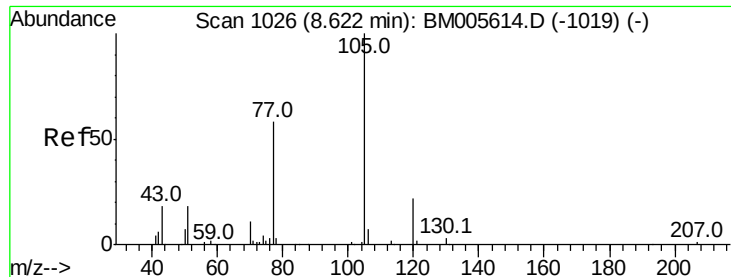
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1259	0.52	ng/uL	0.04
5) Phenol-d5	6.97	99	25321	2.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	19140	3.77	ng/ul	0.02
9) 2-Chlorophenol-d4	7.34	132	22217	3.04	ng/ul	0.02
13) 4-Methylphenol-d8	8.51	113	21281	2.96	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	11628	3.26	ng/ul	0.02
22) 2-Nitrophenol-d4	9.67	143	12028	3.06	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.22	165	19397	2.62	ng/ul	0.02
29) 4-Chloroaniline-d4	10.70	131	6275	0.85	ng/ul	-0.01
43) Dimethylphthalate-d6	13.84	166	67047	3.24	ng/ul	0.01
46) Acenaphthylene-d8	14.13	160	84015	3.25	ng/ul	0.02
51) 4-Nitrophenol-d4	14.66	143	4475	1.14	ng/ul	0.00
57) Fluorene-d10	15.43	176	61427	3.42	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	5341	1.75	ng/ul	0.00
70) Anthracene-d10	17.28	188	86224	3.41	ng/ul	0.01
76) Pyrene-d10	19.57	212	90084	3.55	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.49	264	80818	3.06	ng/ul	0.02

Target Compounds

						Ovalue
14) Acetophenone	8.60	105	38413	3.55	ng/ul#	47
28) Naphthalene	10.65	128	681194	29.07	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	684631	39.94	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	72752	3.42	ng/ul	99
44) Dimethylphthalate	13.89	163	26815	1.31	ng/ul	99
53) Dibenzofuran	14.84	168	207414	8.39	ng/ul	100
69) Phenanthrene	17.22	178	471901	15.90	ng/ul	98
74) Fluoranthene	19.24	202	100104	3.00	ng/ul#	95
77) Pyrene	19.60	202	108613	3.37	ng/ul#	95
80) Benzo(a)anthracene	21.34	228	66999	2.03	ng/ul#	83
82) Chrysene	21.40	228	96275	3.07	ng/ul#	88
85) Benzo(b)fluoranthene	22.95	252	70337m	2.11	ng/ul	
88) Benzo(a)pyrene	23.54	252	33923	1.05	ng/ul#	77

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



#14

Acetophenone

Concen: 3.55 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM005618.D

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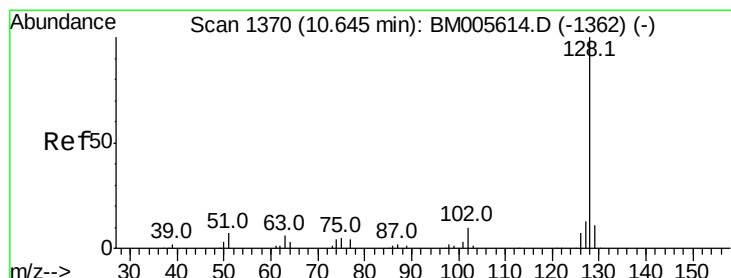
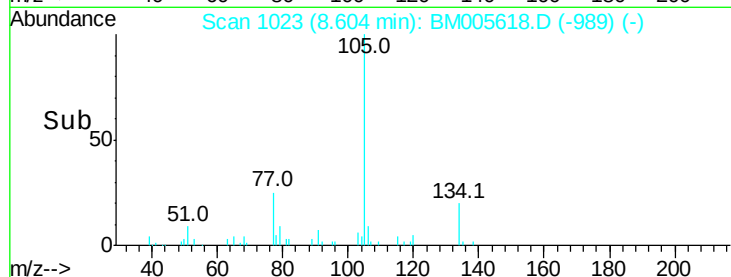
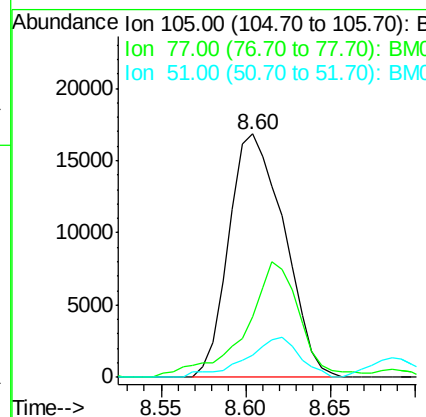
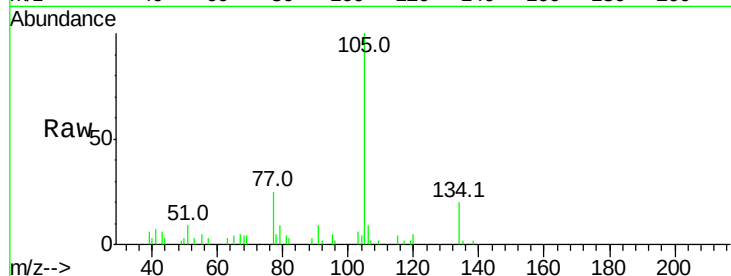
ClientSampleId :

D9WT5DL

Tot Ion:	105	Resp:	38413
Ion Ratio	Lower	Upper	
105	100		
77	24.8	60.8	91.2#
51	9.1	22.2	33.2#

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#28

Naphthalene

Concen: 29.07 ng/ul

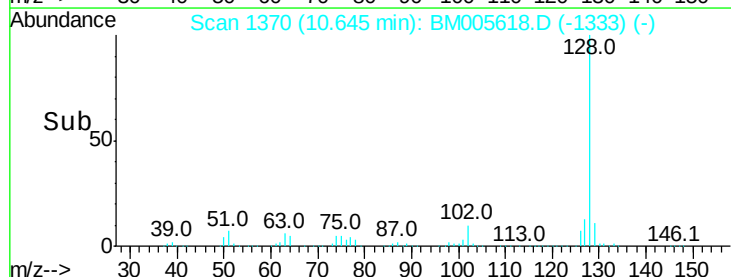
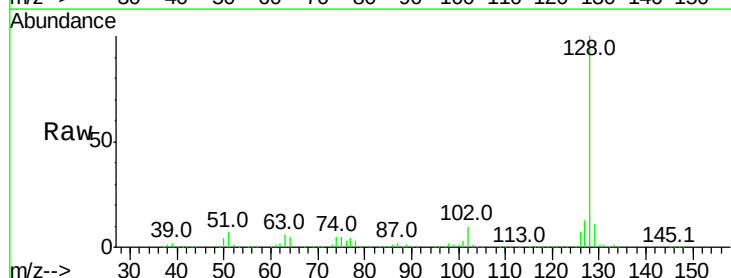
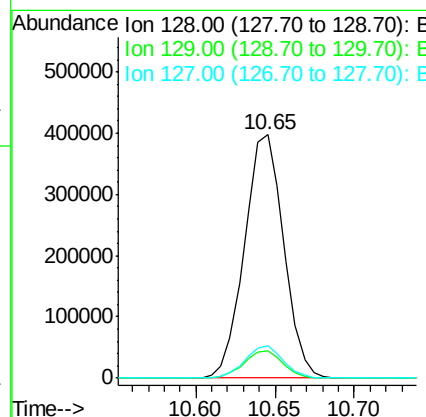
RT: 10.65 min Scan# 1370

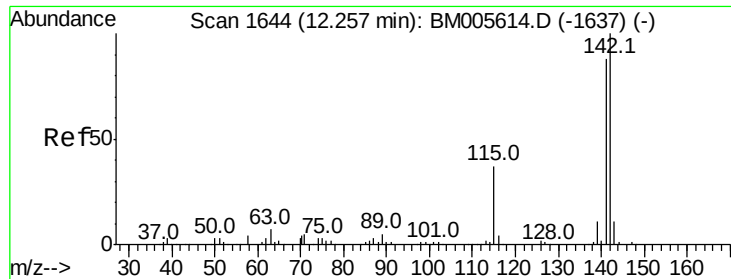
Delta R.T. 0.02 min

Lab File: BM005618.D

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Tgt Ion:	128	Resp:	681194
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	13.0
127	13.5	10.6	15.8





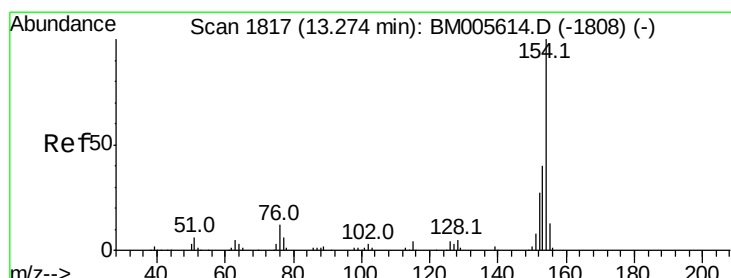
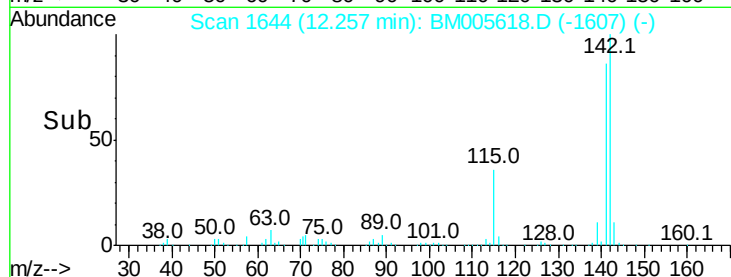
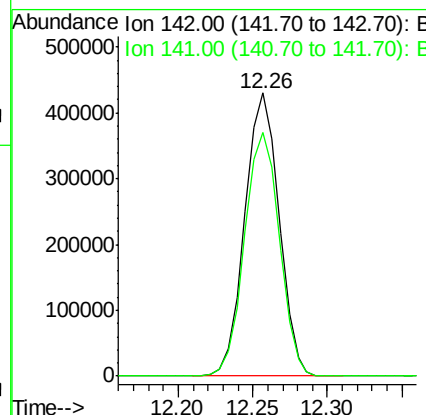
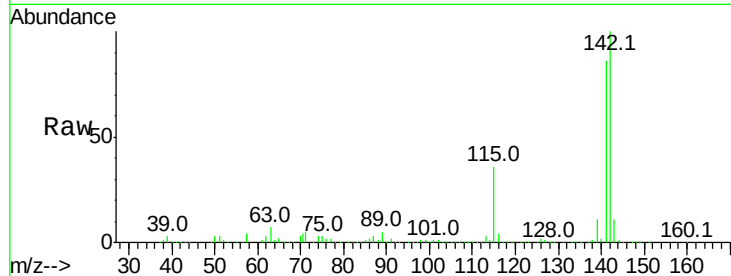
#34
 2-Methylnaphthalene
 Concen: 39.94 ng/ul
 RT: 12.26 min Scan# 1644
 Delta R.T. 0.02 min
 Lab File: BM005618.D
 Acq: 23 May 2016 20:05

Instrument :
 BNA_M
 ClientSampleId :
 D9WT5DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.6	106.0

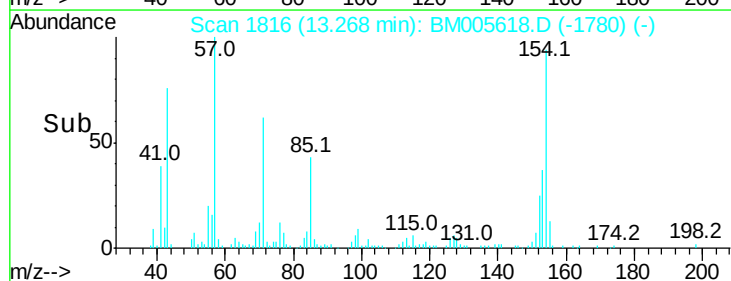
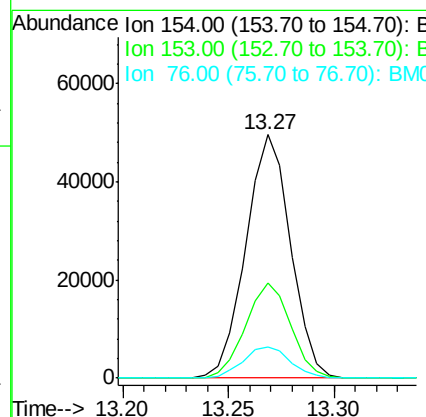
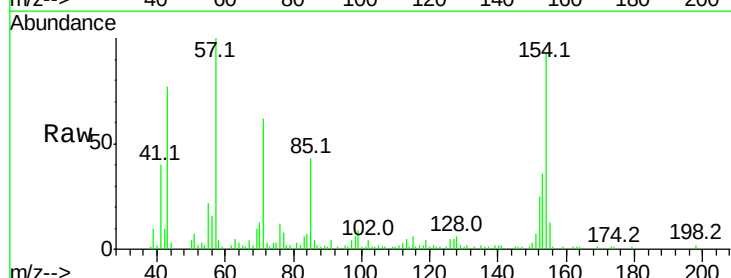
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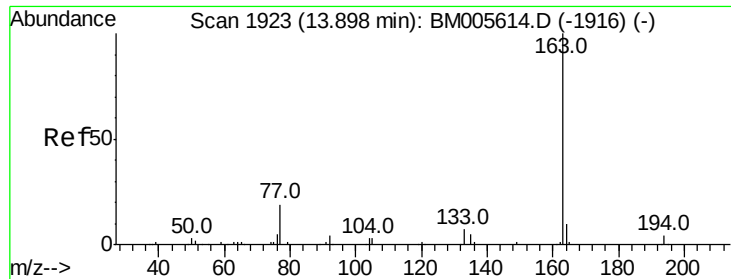
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#40
 1,1'-Biphenyl
 Concen: 3.42 ng/ul
 RT: 13.27 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BM005618.D
 Acq: 23 May 2016 20:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	31.7	47.5
76	12.7	10.1	15.1





#44

Dimethylphthalate

Concen: 1.31 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BM005618.D

Acq: 23 May 2016 20:05

Instrument :

BNA_M

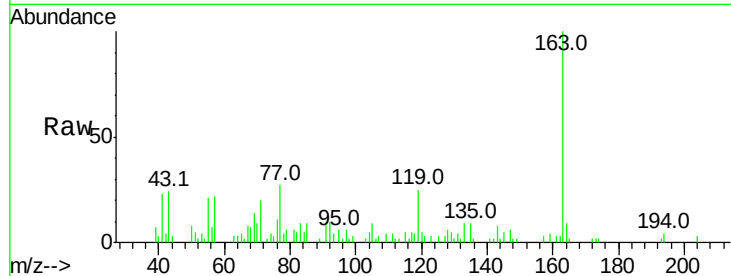
ClientSampleId :

D9WT5DL

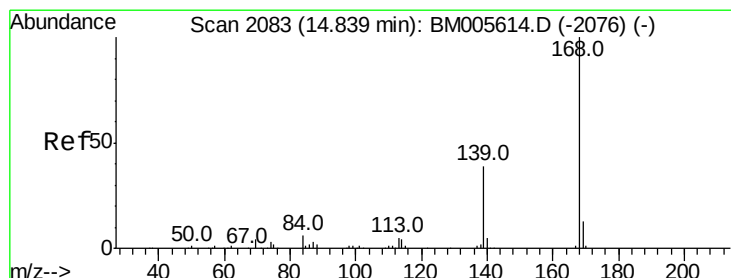
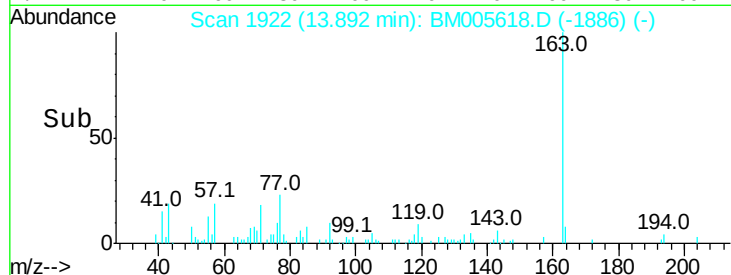
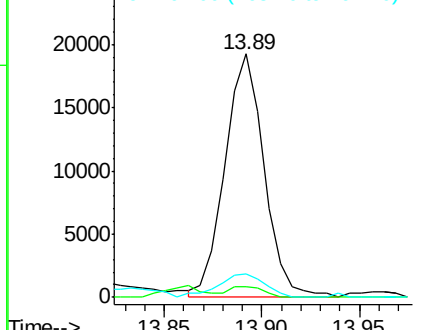
Tot Ion:	163	Resp:	26815
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	9.5	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#53

Dibenzofuran

Concen: 8.39 ng/ul

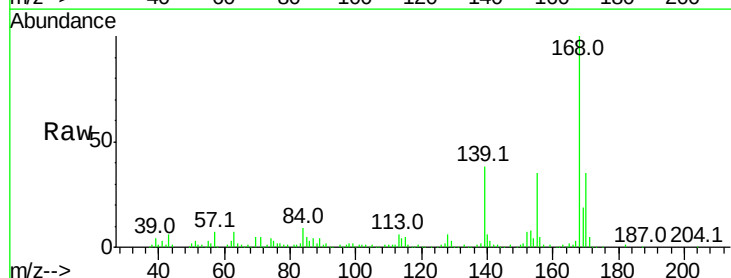
RT: 14.84 min Scan# 2083

Delta R.T. 0.02 min

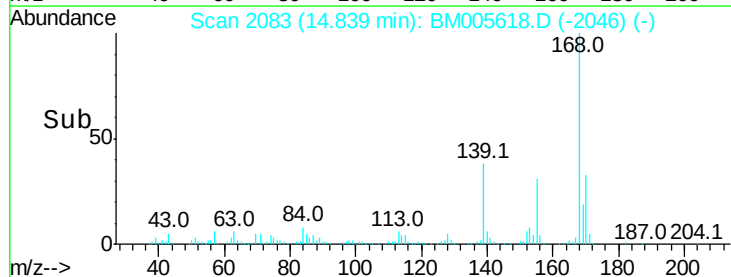
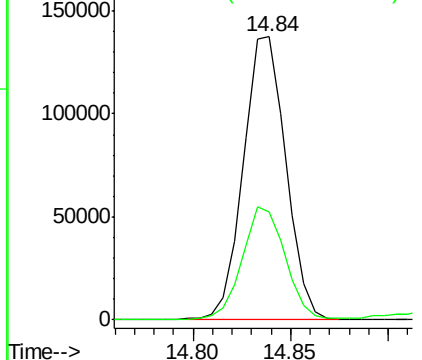
Lab File: BM005618.D

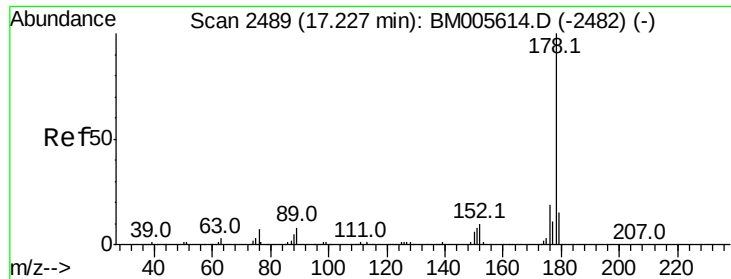
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Tgt Ion:	168	Resp:	207414
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.6	46.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#69

Phenanthrene

Concen: 15.90 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BM005618.D

Acq: 23 May 2016 20:05

Instrument :

BNA_M

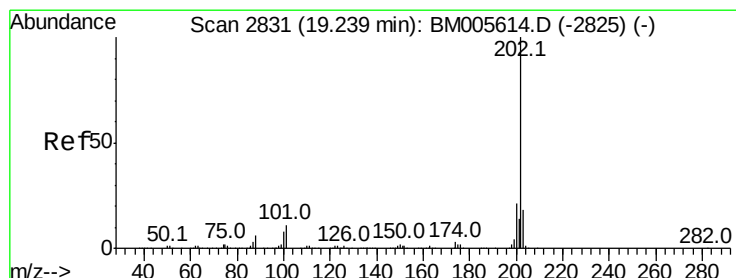
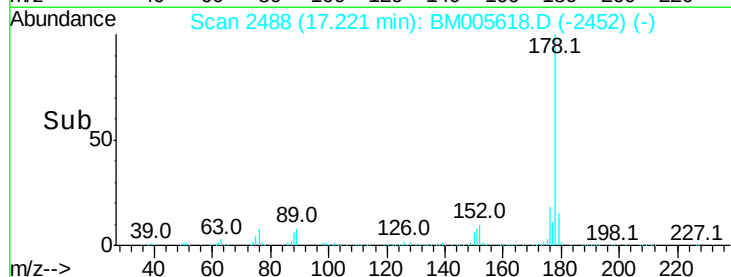
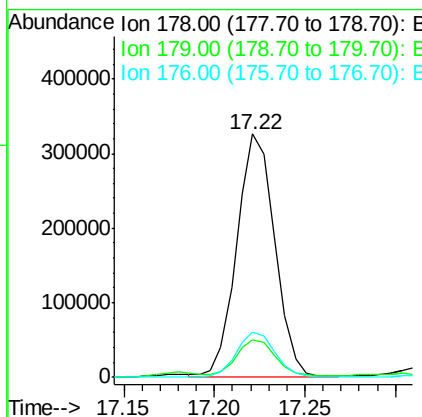
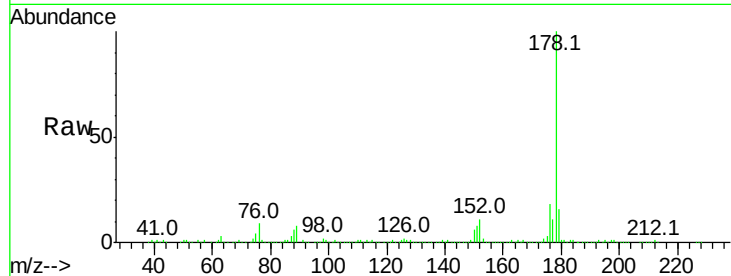
ClientSampleId :

D9WT5DL

Tot Ion:	178	Resp:	471901
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.2
176	18.4	15.8	23.6

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#74

Fluoranthene

Concen: 3.00 ng/ul

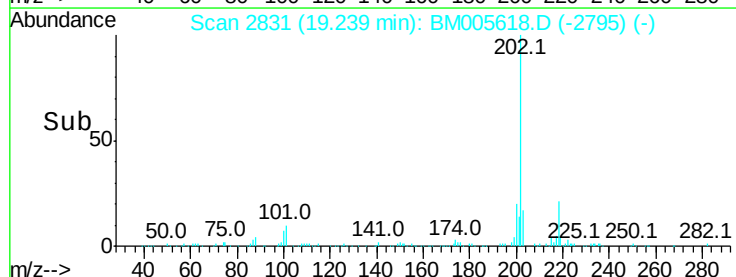
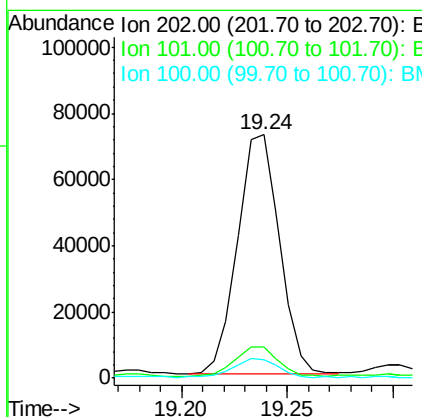
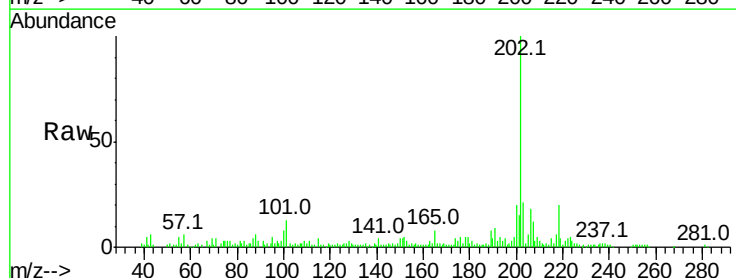
RT: 19.24 min Scan# 2831

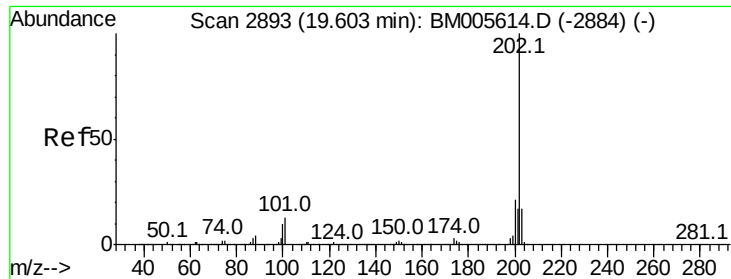
Delta R.T. 0.01 min

Lab File: BM005618.D

Acq: 23 May 2016 20:05

Tgt Ion:	202	Resp:	100104
Ion Ratio	Lower	Upper	
202	100		
101	12.7	7.9	11.9#
100	7.7	5.6	8.4





#77

Pvrene

Concen: 3.37 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BM005618.D

Acq: 23 May 2016 20:05

Instrument :

BNA_M

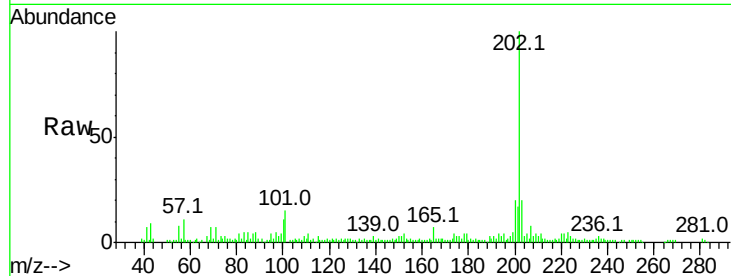
ClientSampled :

D9WT5DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.7	9.6	14.4#		
100	10.8	7.8	11.6		

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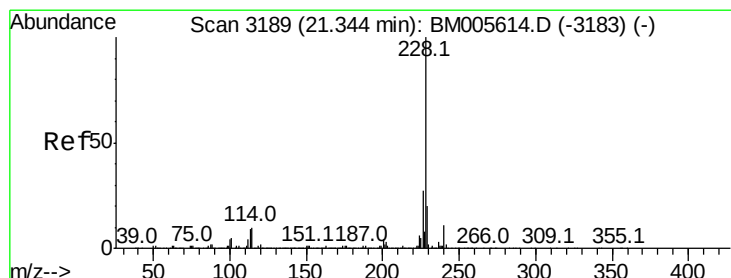
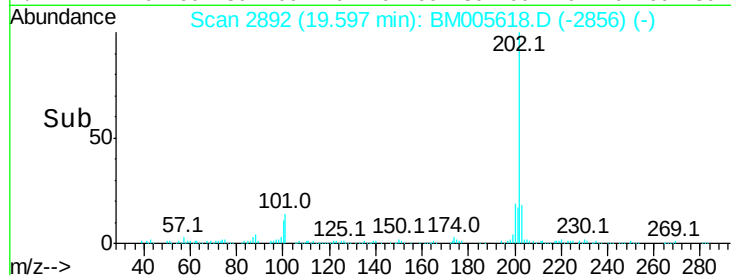
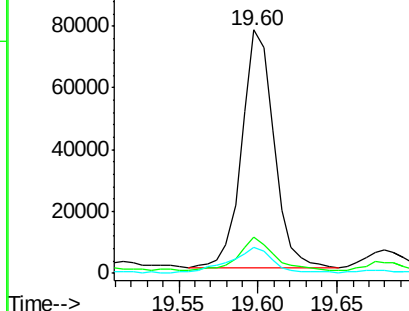
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 2.03 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.01 min

Lab File: BM005618.D

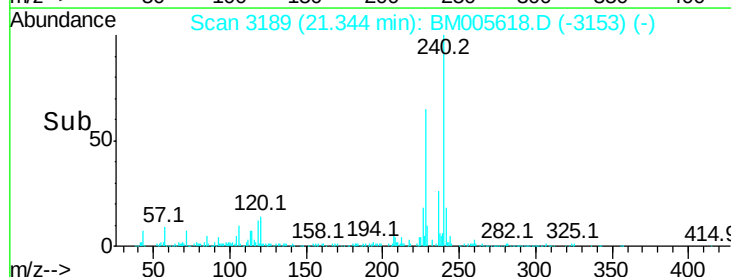
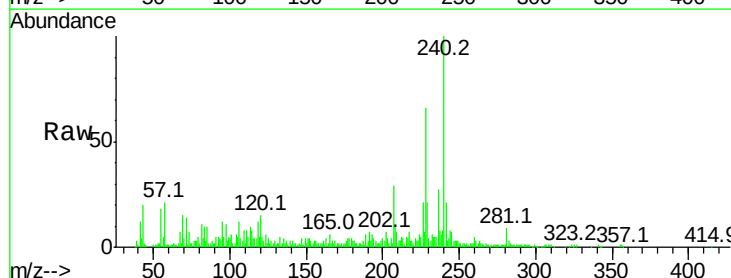
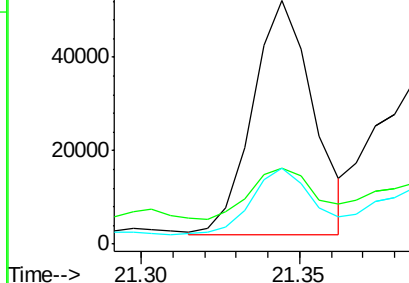
Acq: 23 May 2016 20:05

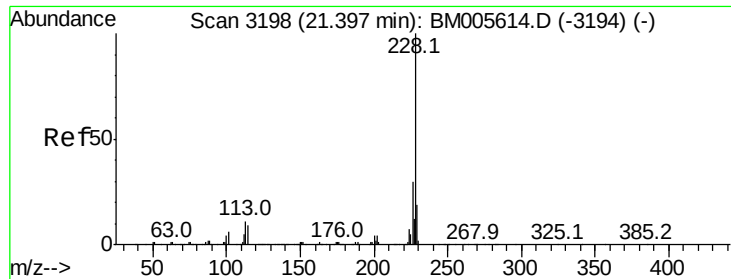
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	31.3	15.4	23.2#		
226	31.2	21.0	31.4		

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





#82

Chrysene

Concen: 3.07 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. 0.01 min

Lab File: BM005618.D

Acq: 23 May 2016 20:05

Instrument :

BNA_M

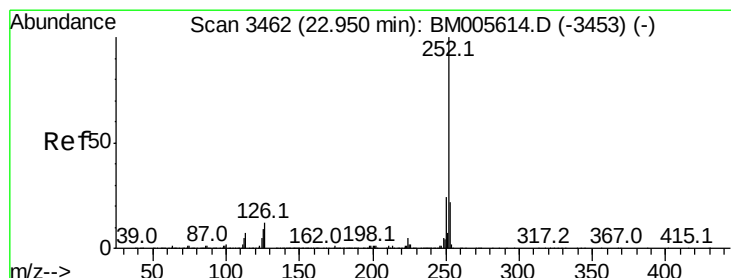
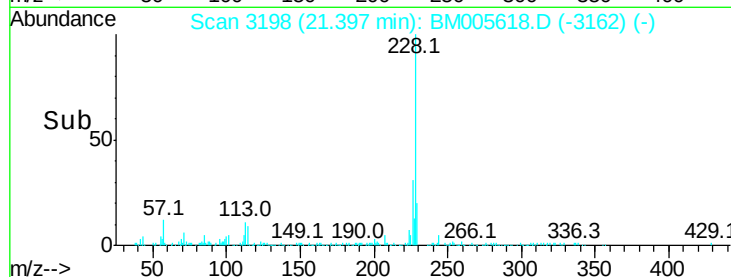
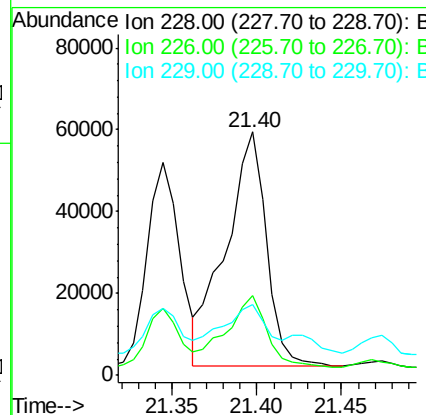
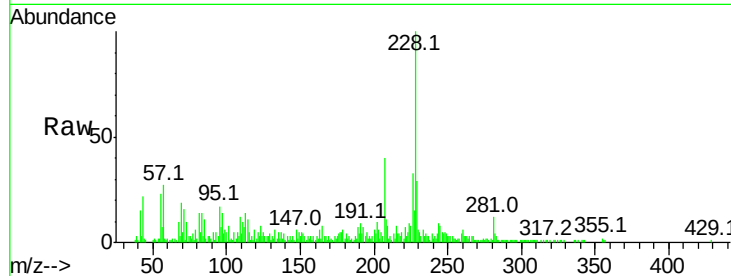
ClientSampleId :

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Tot Ion:	228	Resp:	96275
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.7	35.5
229	29.0	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 2.11 ng/ul m

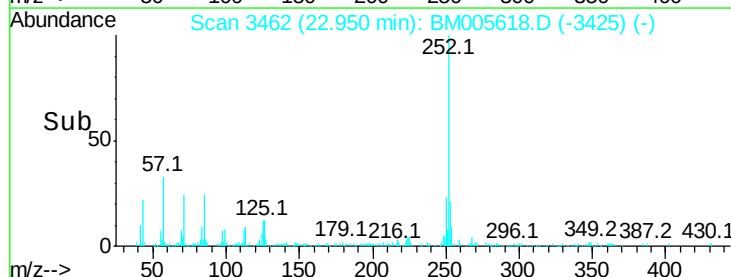
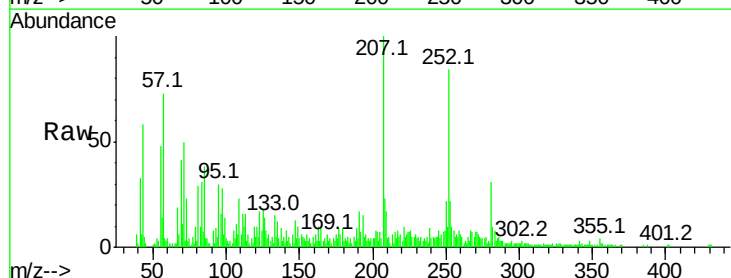
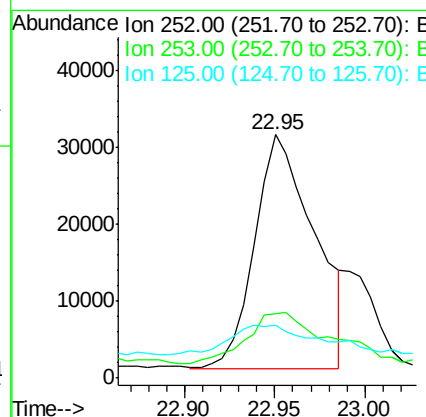
RT: 22.95 min Scan# 3462

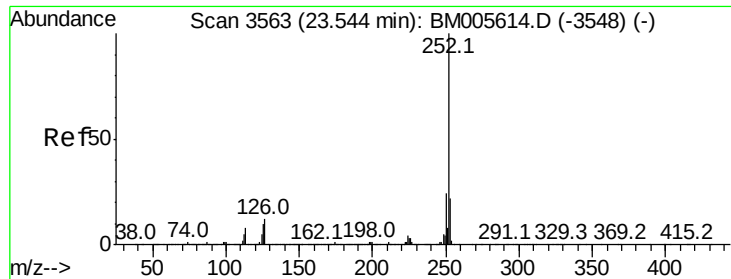
Delta R.T. 0.02 min

Lab File: BM005618.D

Acq: 23 May 2016 20:05

Tgt Ion:	252	Resp:	70337
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.3	25.9#
125	21.8	7.0	10.4#





#88
 Benzo(a)pyrene
 Concen: 1.05 ng/ul
 RT: 23.54 min Scan# 3562
 Delta R.T. 0.02 min
 Lab File: BM005618.D
 Acq: 23 May 2016 20:05

Instrument :
 BNA_M
 ClientSampleId :
 D9WT5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.6	26.4#
125	23.1	7.6	11.4#

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