

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
 Data File : BM012005.D
 Acq On : 09 Oct 2017 08:16
 Operator : SJ/JU
 Sample : I5522-21
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:41:46 PM

Quant Time: Oct 09 16:13:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 09 04:22:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	183774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	835120	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	540700	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1323700	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1720776	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1880784	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	30338	7.81	ng/uL	0.00
5) Phenol-d5	7.01	99	623382	39.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	405772	43.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	543941	42.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	460183	33.67	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	277012	46.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	331596	49.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	595475	43.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	637219	43.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2187149	46.67	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2597352	47.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	228115	27.86	ng/ul	0.00
57) Fluorene-d10	15.49	176	1872839	45.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	302346	33.95	ng/ul	0.00
70) Anthracene-d10	17.34	188	2998663	45.97	ng/ul	0.00
76) Pyrene-d10	19.63	212	3813689	49.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	4300653	47.53	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.03	94	29079	1.859	ng/ul	97
44) Dimethylphthalate	13.94	163	536494	11.900	ng/ul	100
49) Acenaphthene	14.56	153	43577	1.179	ng/ul	98
53) Dibenzofuran	14.90	168	74271	1.385	ng/ul	100
58) Fluorene	15.54	166	84348	1.884	ng/ul	97
69) Phenanthrene	17.28	178	1951590	26.803	ng/ul	99
71) Anthracene	17.37	178	386937	5.223	ng/ul	98
72) Carbazole	17.64	167	142127	2.215	ng/ul	97
74) Fluoranthene	19.29	202	2536767	28.554	ng/ul#	89
77) Pyrene	19.66	202	1985619	20.811	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	1264485	12.827	ng/ul	99
82) Chrysene	21.45	228	1139152	12.162	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	1394145	12.195	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	464142m	4.067	ng/ul	
88) Benzo(a)pyrene	23.63	252	908542	8.271	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	534151	4.544	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.10	278	155004	1.605	ng/ul#	88
91) Benzo(g,h,i)perylene	26.83	276	385347	3.963	ng/ul#	92

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

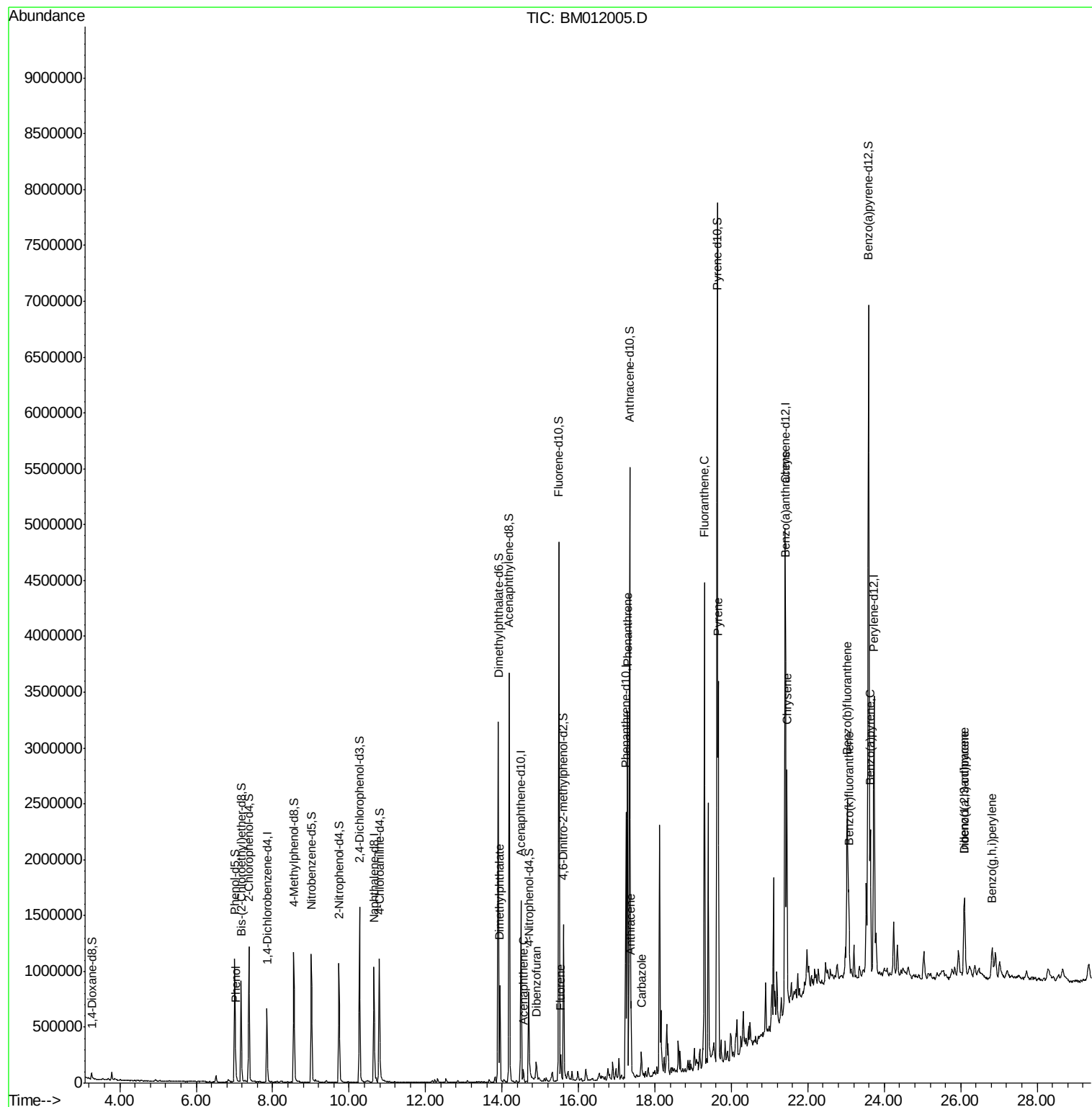
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100817\
Data File : BM012005.D
Acq On : 09 Oct 2017 08:16
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ALS Vial : 31 Sample Multiplier: 1

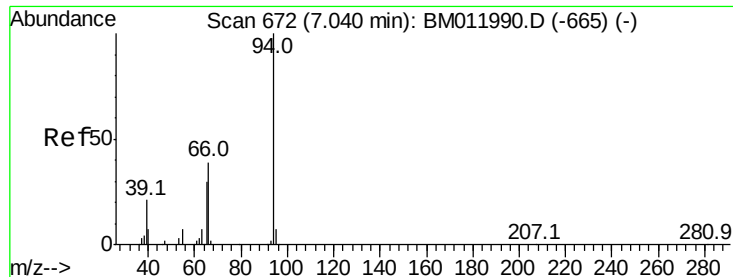
Instrument :
BNA_M
ClientSampleId :
C0AC7

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Quant Time: Oct 09 16:13:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 04:22:09 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.859 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Instrument :

BNA_M

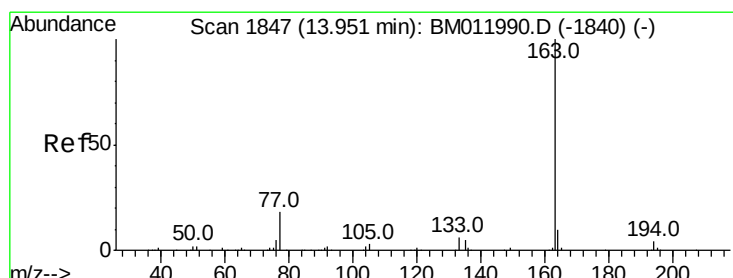
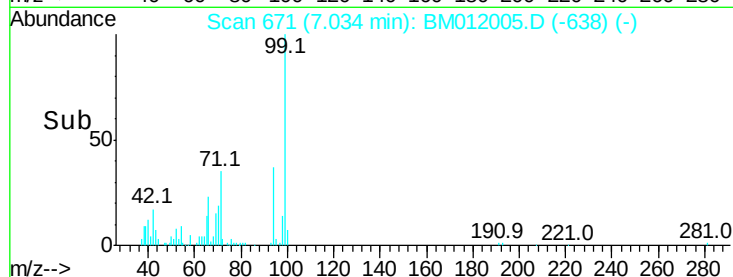
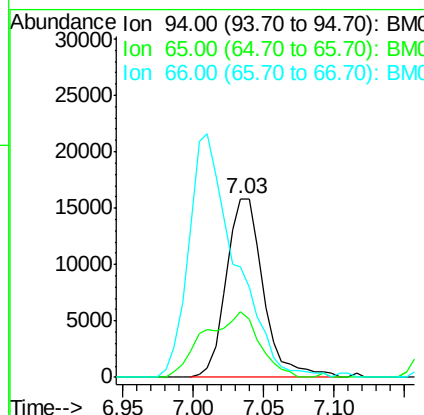
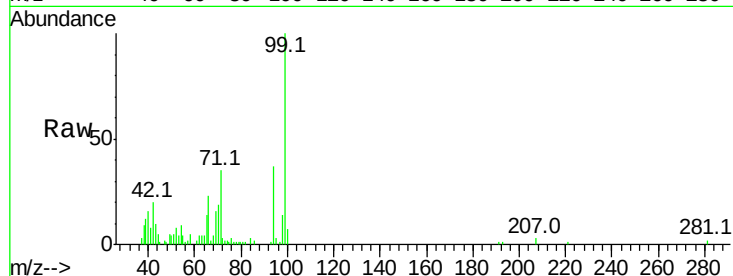
ClientSampled :

C0AC7

Tot Ion:	94	Resp:	29079
Ion Ratio	Lower	Upper	
94	100		
65	36.8	28.2	42.4
66	61.9	47.2	70.8

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#44

Dimethylphthalate

Concen: 11.900 ng/ul

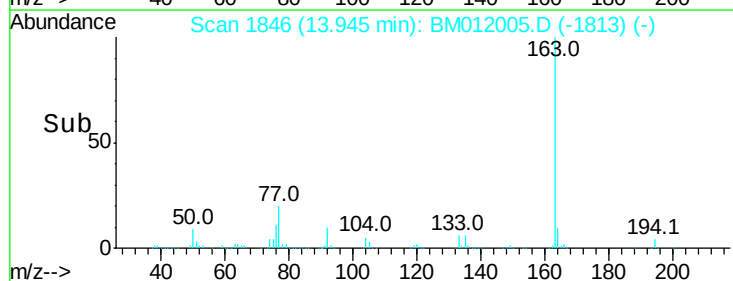
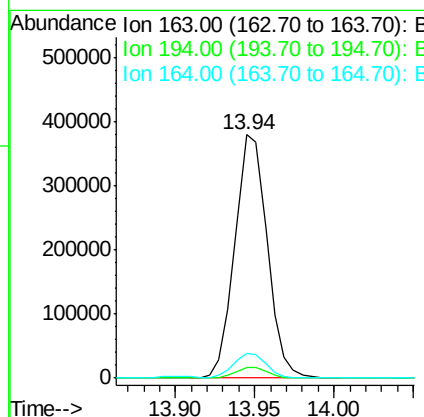
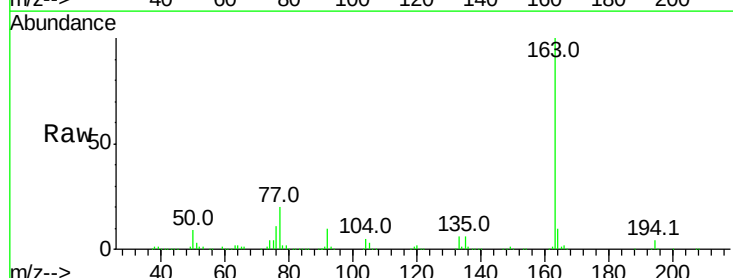
RT: 13.94 min Scan# 1846

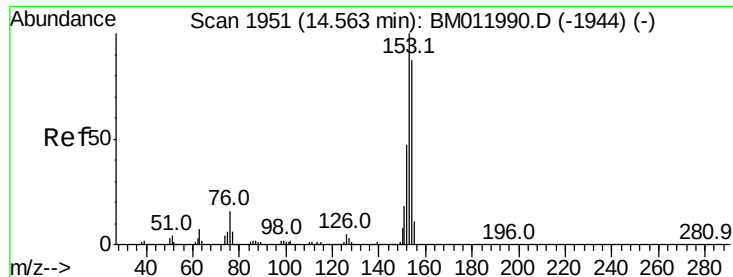
Delta R.T. -0.01 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Tgt Ion:	163	Resp:	536494
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.1	8.2	12.4





#49

Acenaphthene

Concen: 1.179 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Instrument :

BNA_M

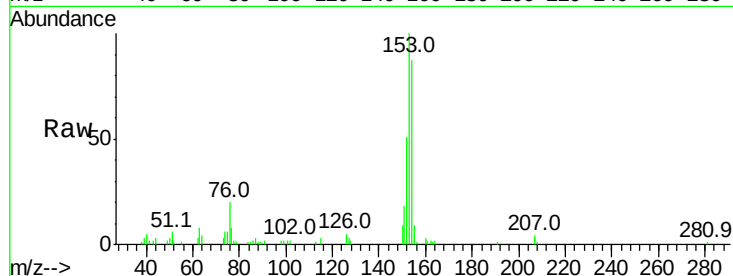
ClientSampleId :

C0AC7

Tot Ion	Ratio	Lower	Upper
153	100		
152	50.7	37.6	56.4
154	87.2	70.4	105.6

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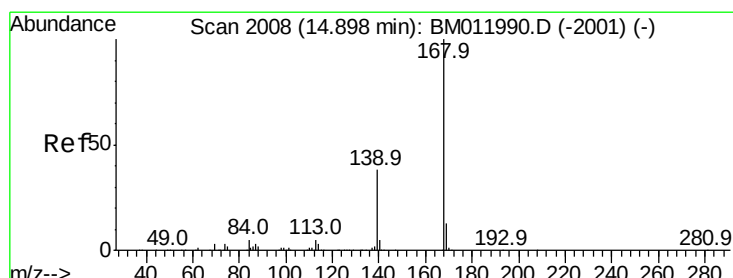
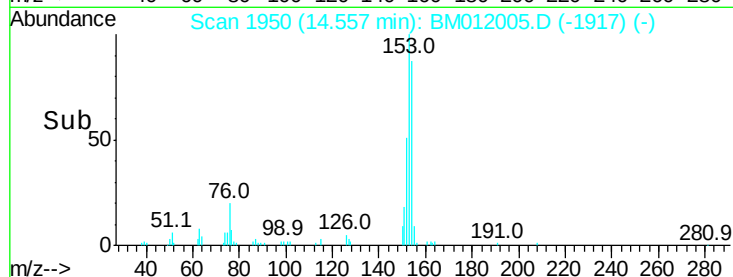
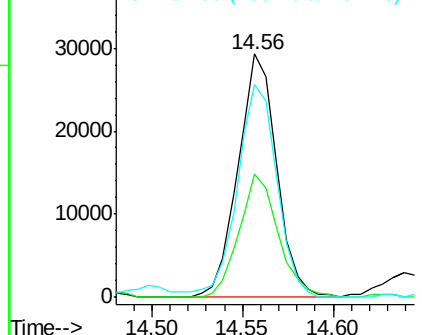


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.385 ng/ul

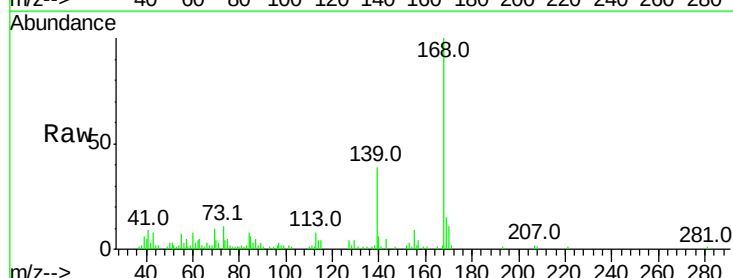
RT: 14.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

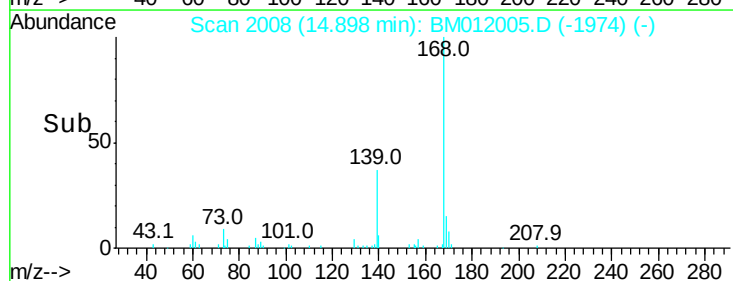
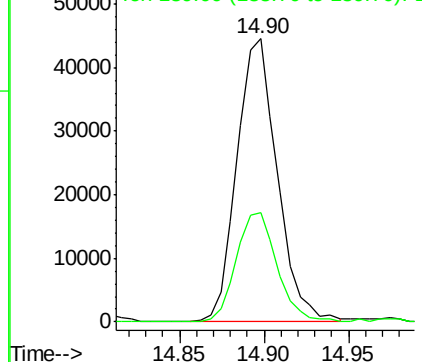
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.8	46.2

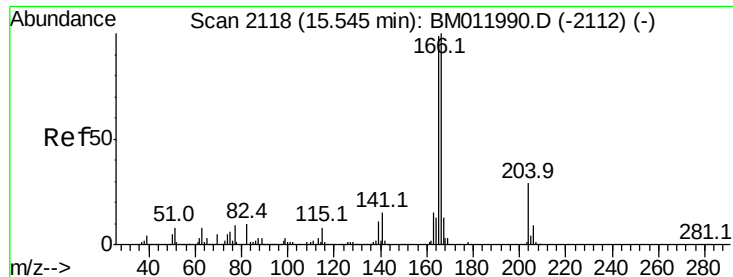


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





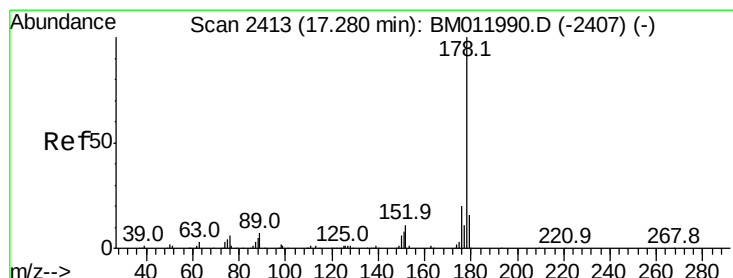
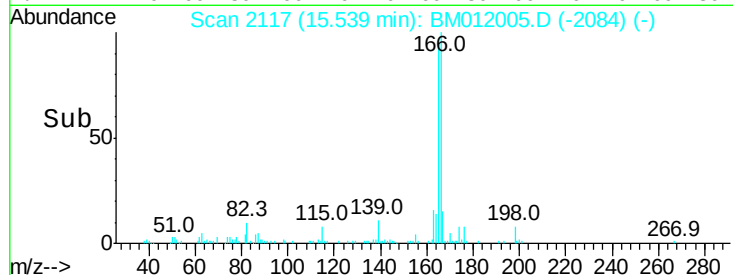
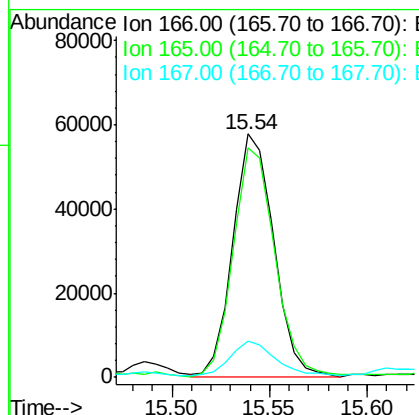
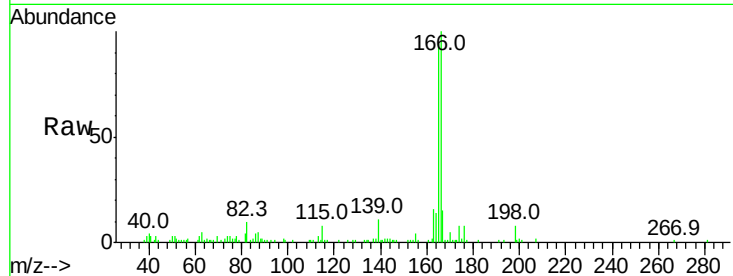
#58
 Fluorene
 Concen: 1.884 ng/ul
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM012005.D
 Acq: 09 Oct 2017 08:16

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.2	77.9	116.9
167	14.7	10.6	16.0

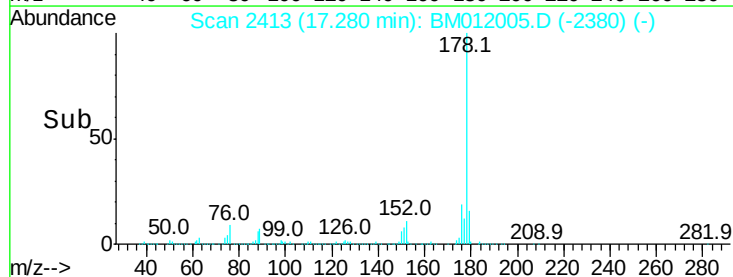
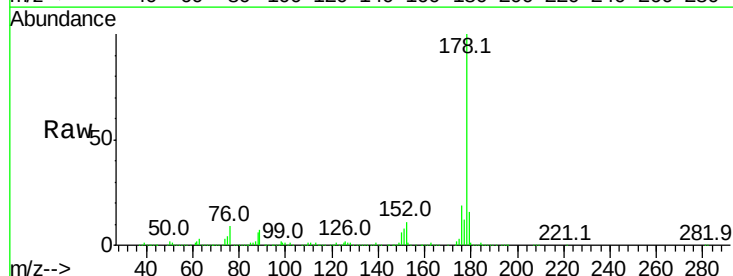
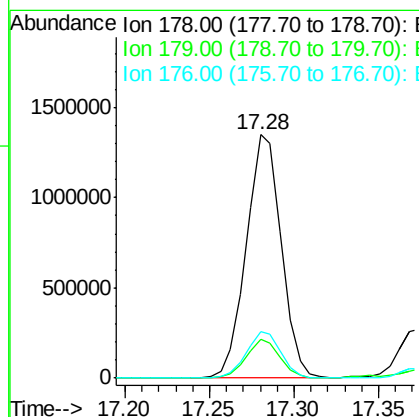
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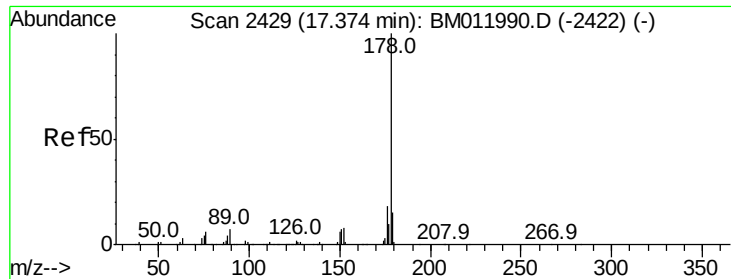
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#69
 Phenanthrene
 Concen: 26.803 ng/ul
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM012005.D
 Acq: 09 Oct 2017 08:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.2	14.9	22.3





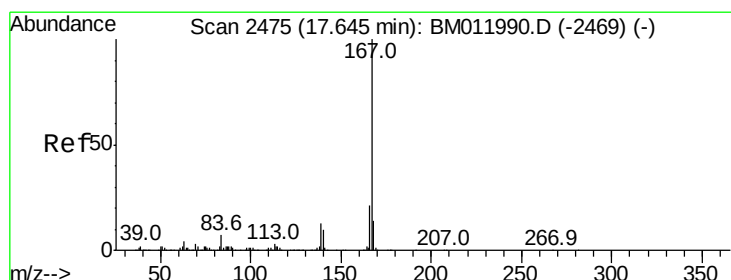
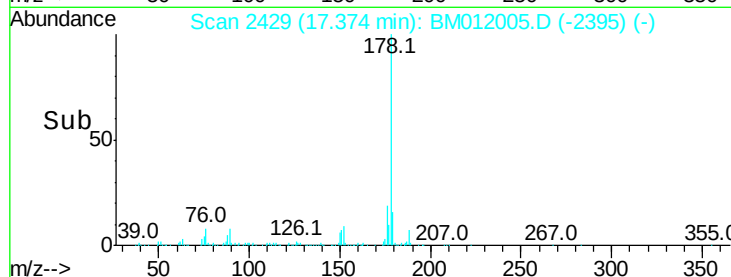
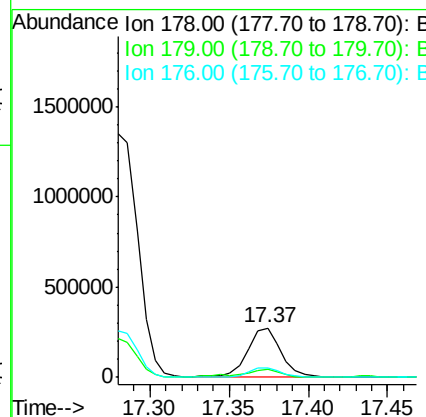
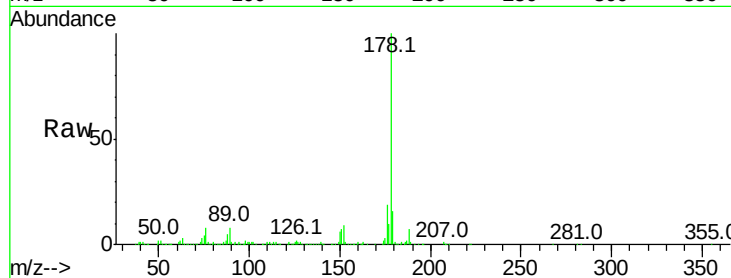
#71
 Anthracene
 Concen: 5.223 ng/ul
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BM012005.D
 Acq: 09 Oct 2017 08:16

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.8	14.6	21.8

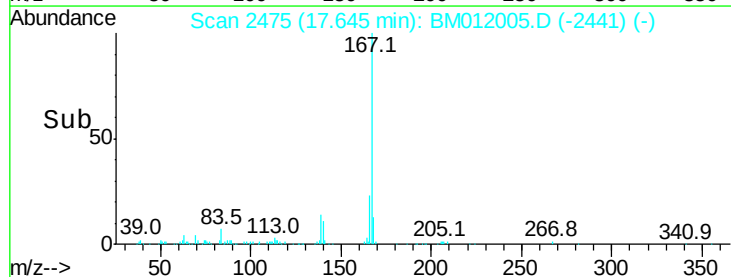
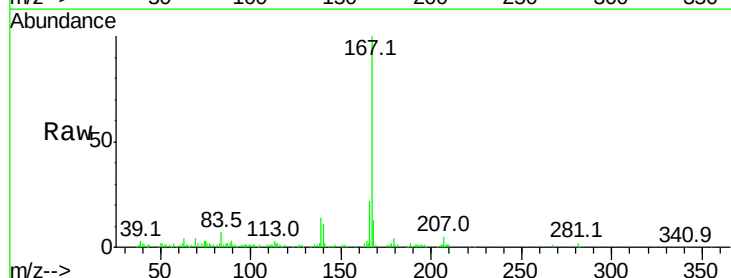
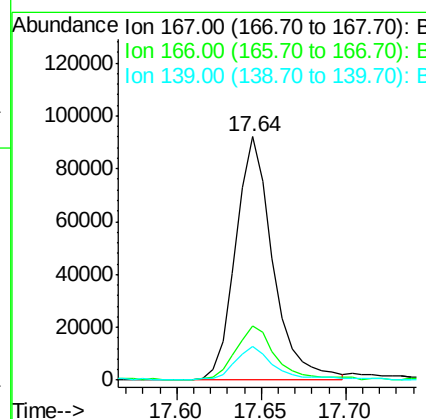
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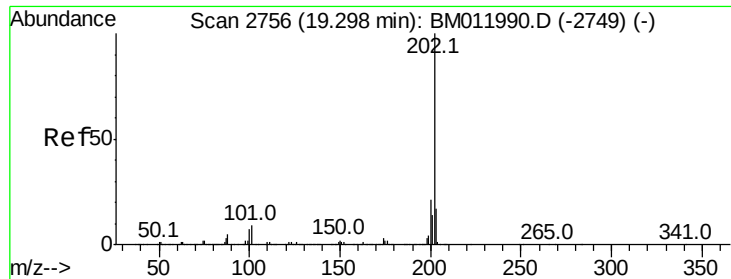
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#72
 Carbazole
 Concen: 2.215 ng/ul
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.00 min
 Lab File: BM012005.D
 Acq: 09 Oct 2017 08:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	13.7	10.0	15.0





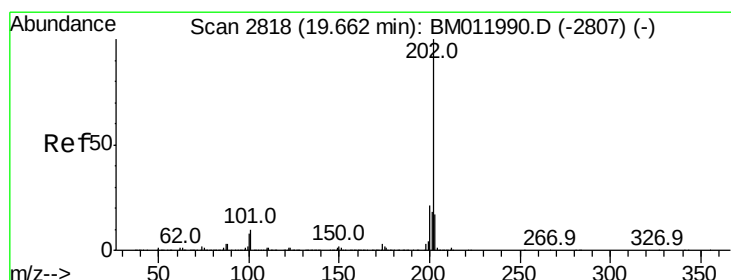
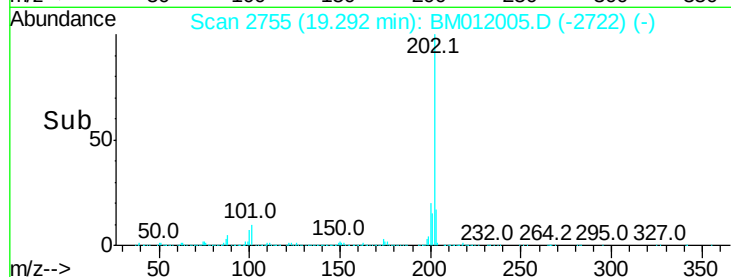
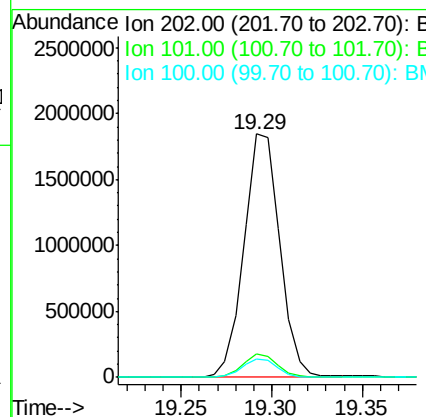
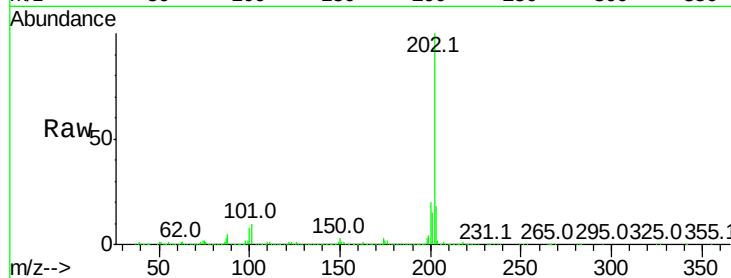
#74
 Fluoranthene
 Concen: 28.554 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.01 min
 Lab File: BM012005.D
 Acq: 09 Oct 2017 08:16

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	4.6	7.0#
100	7.5	3.4	5.2#

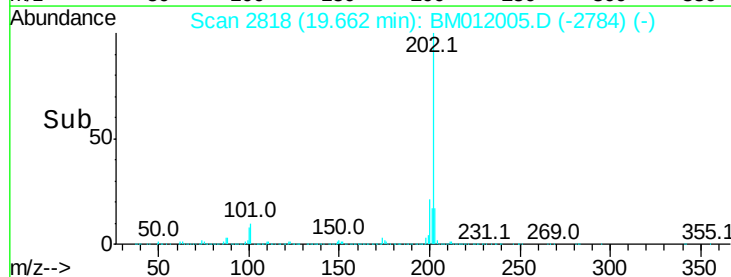
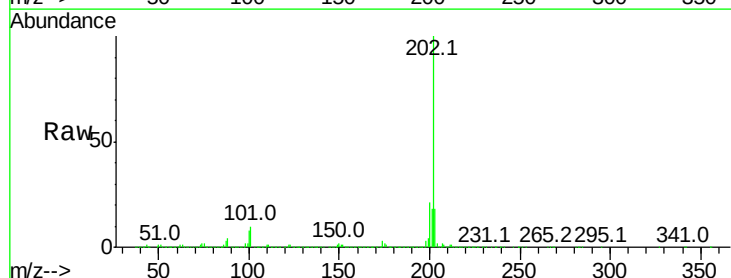
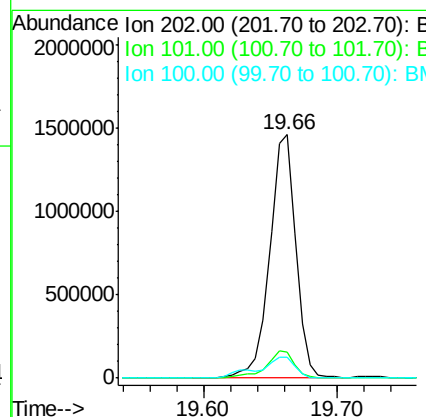
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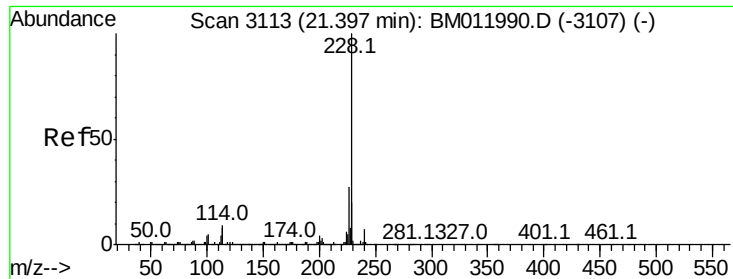
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#77
 Pyrene
 Concen: 20.811 ng/ul
 RT: 19.66 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: BM012005.D
 Acq: 09 Oct 2017 08:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	5.1	7.7#
100	8.5	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 12.827 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Instrument :

BNA_M

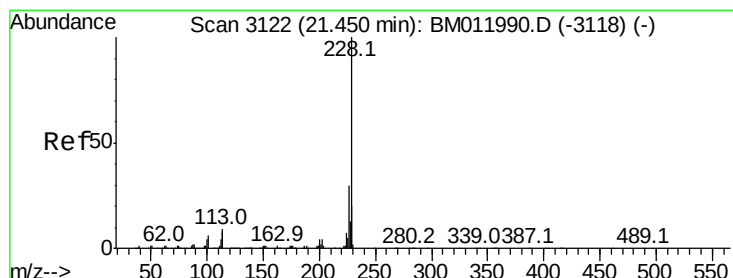
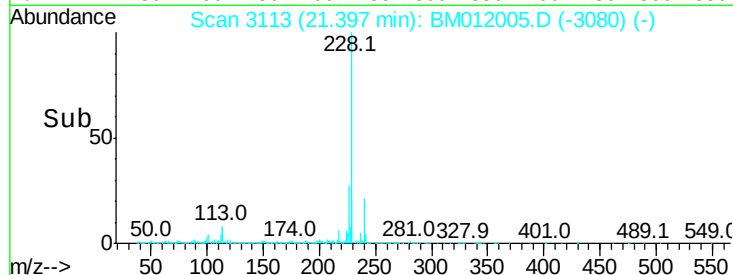
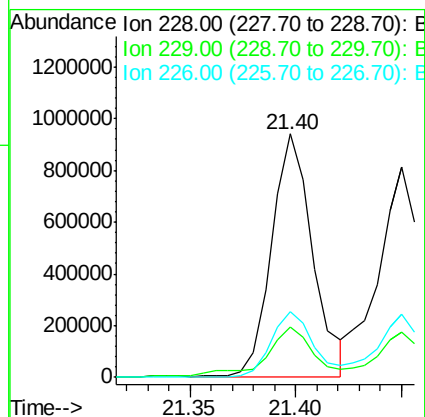
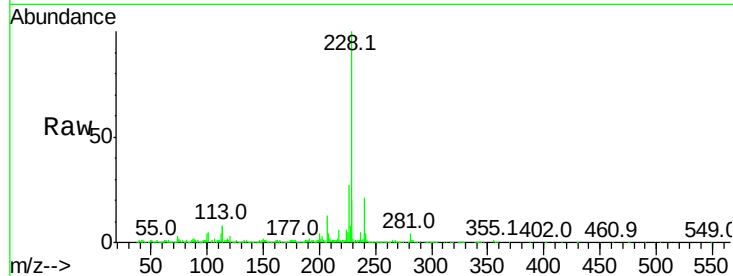
ClientSampleId :

C0AC7

Tot Ion:	228	Resp:	1264485
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	26.9	21.4	32.0

Manual Integrations
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#82

Chrysene

Concen: 12.162 ng/ul

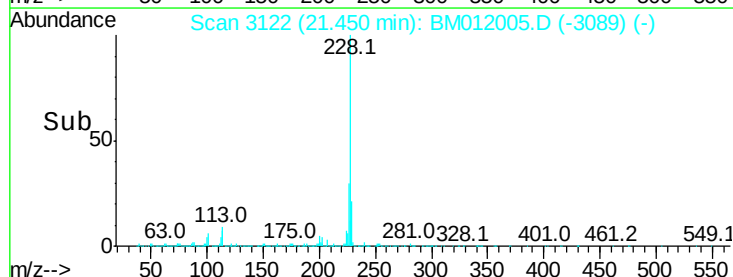
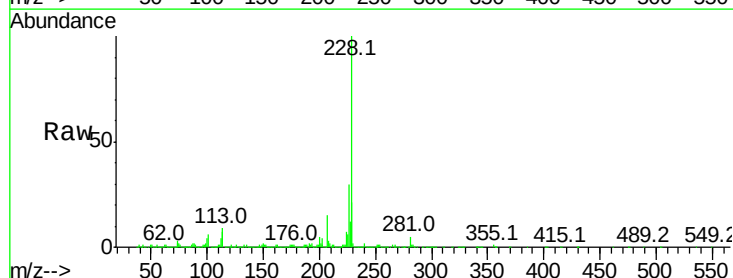
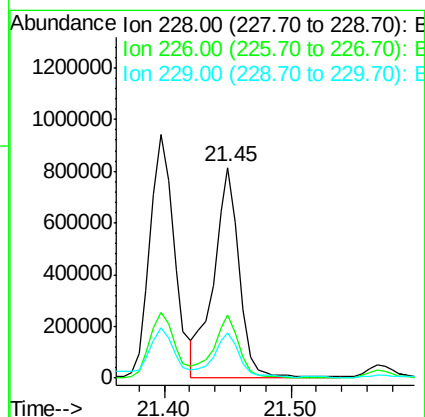
RT: 21.45 min Scan# 3122

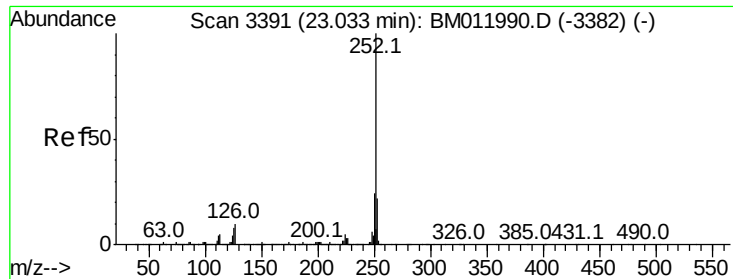
Delta R.T. -0.01 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Tgt Ion:	228	Resp:	1139152
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.2	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 12.195 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. -0.00 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Instrument :

BNA_M

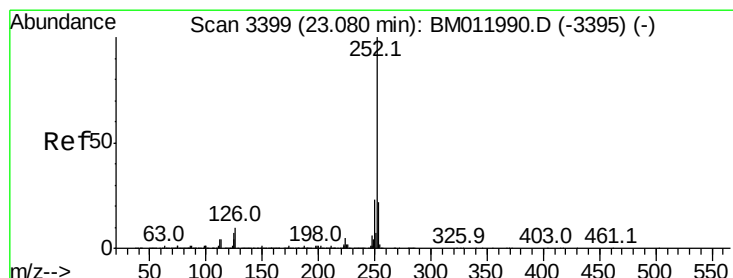
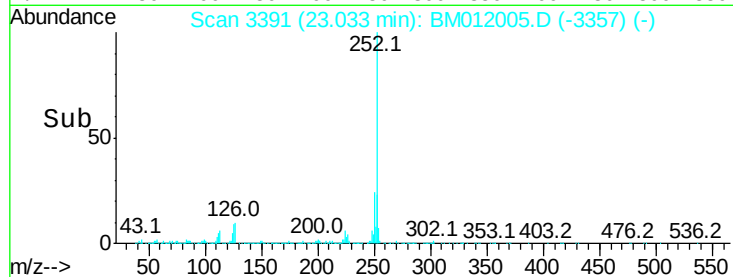
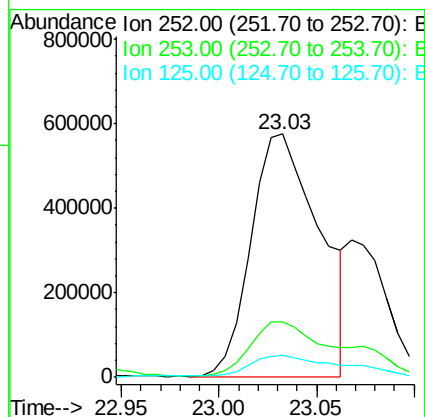
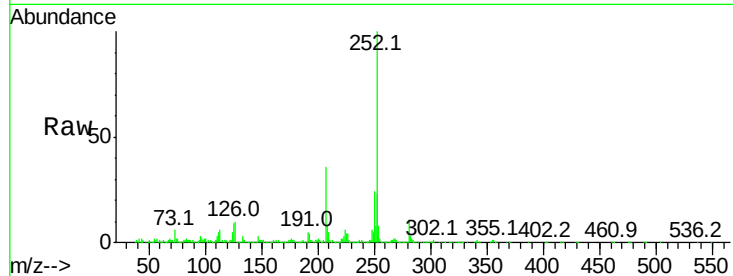
ClientSampleId :

C0AC7

Tot Ion:	252	Resp:	1394145
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.9	26.9
125	9.1	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 4.067 ng/ul m

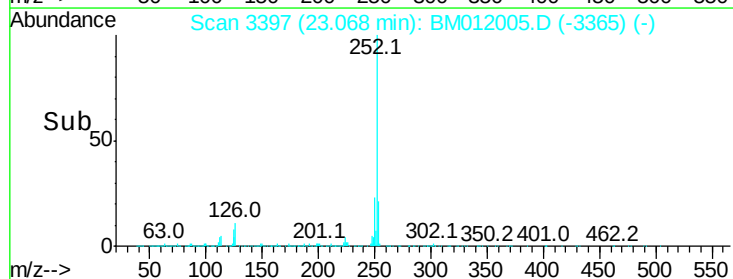
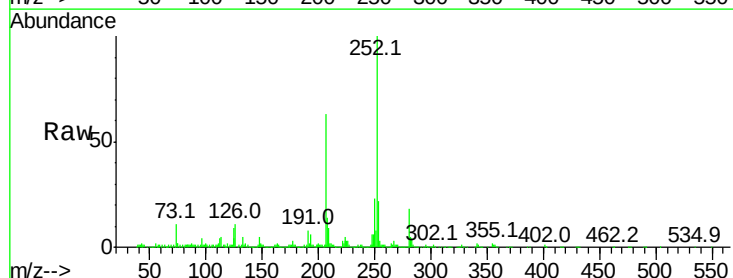
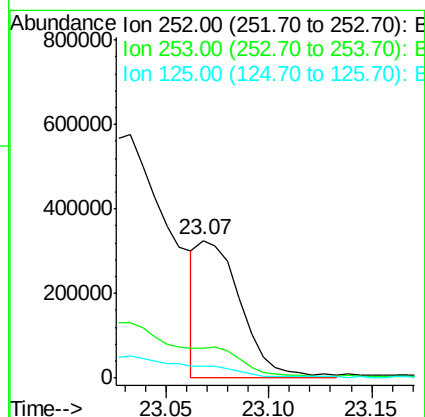
RT: 23.07 min Scan# 3397

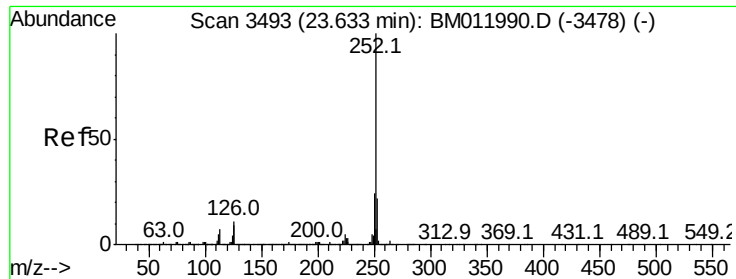
Delta R.T. -0.01 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Tgt Ion:	252	Resp:	464142
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	9.0	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 8.271 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Instrument :

BNA_M

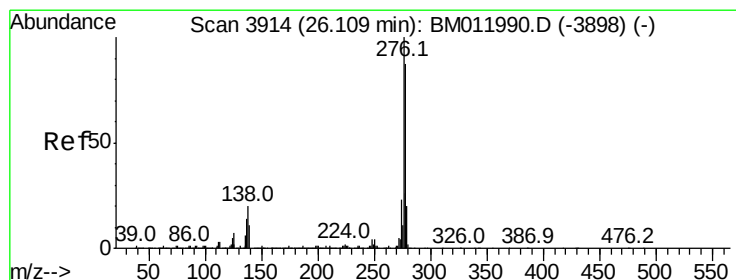
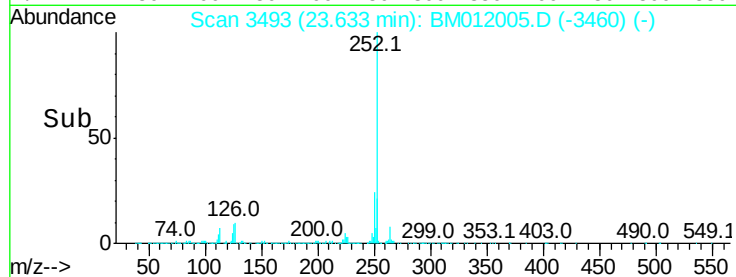
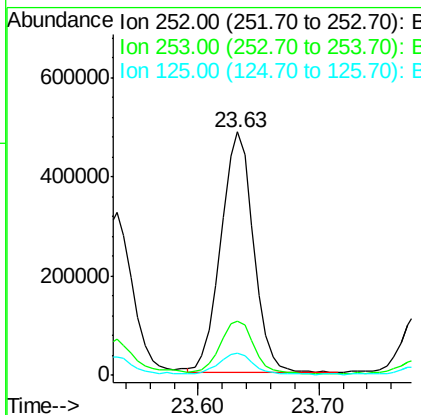
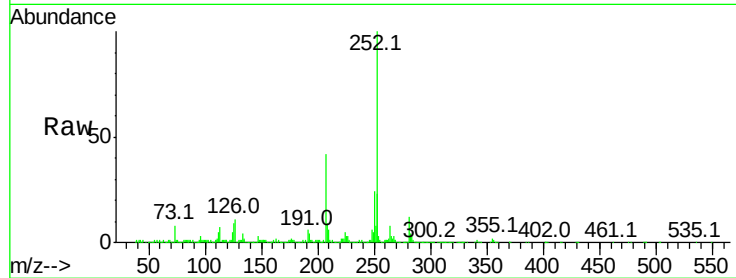
ClientSampleId :

C0AC7

Tot Ion:	252	Resp:	908542
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	9.0	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.544 ng/ul

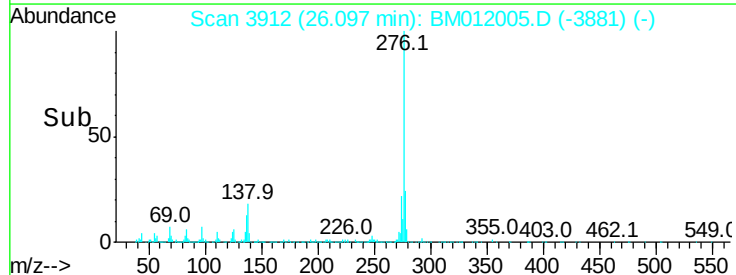
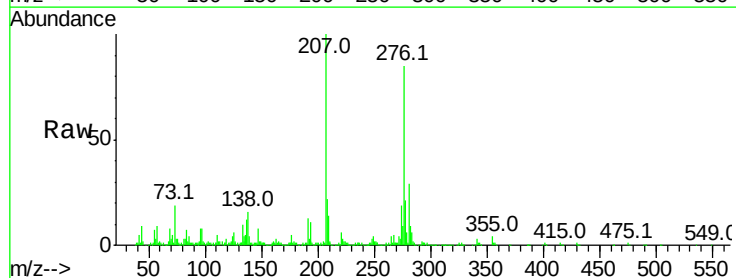
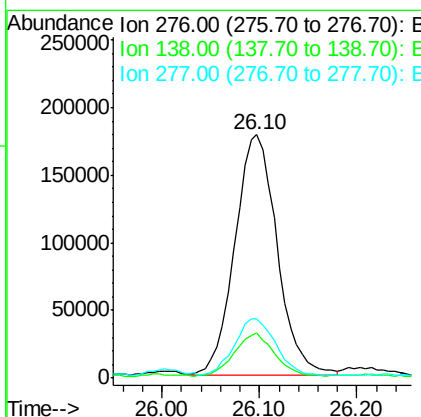
RT: 26.10 min Scan# 3912

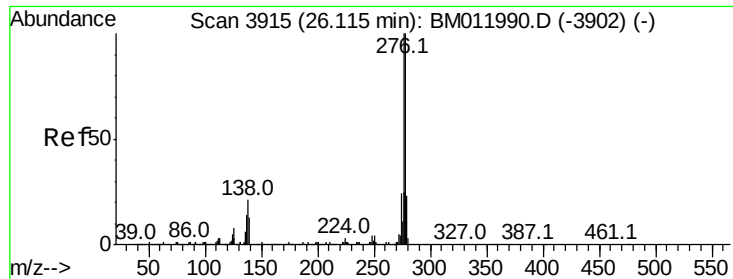
Delta R.T. -0.02 min

Lab File: BM012005.D

Acq: 09 Oct 2017 08:16

Tgt Ion:	276	Resp:	534151
Ion Ratio	Lower	Upper	
276	100		
138	18.8	9.3	13.9#
277	24.3	19.9	29.9





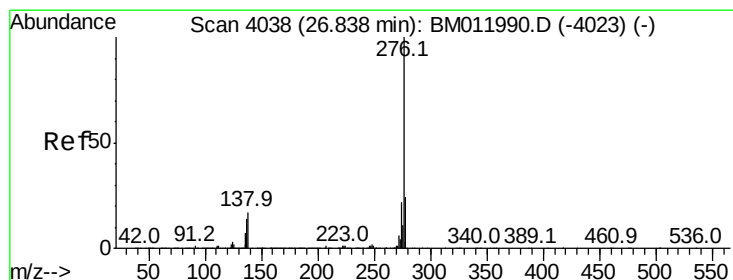
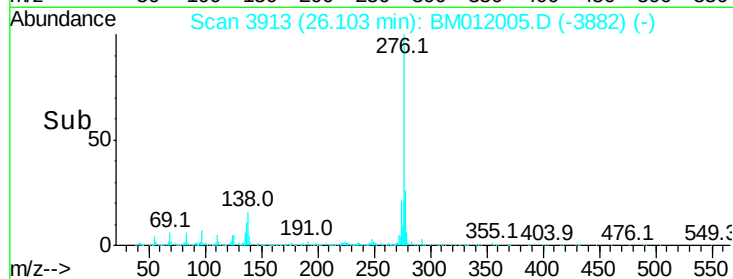
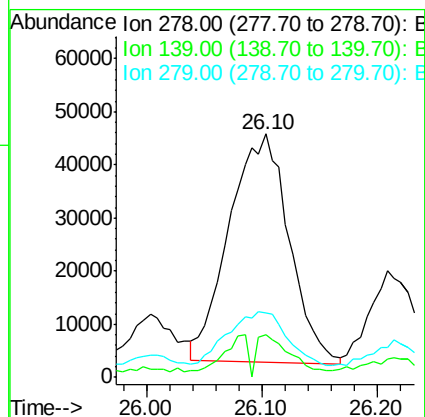
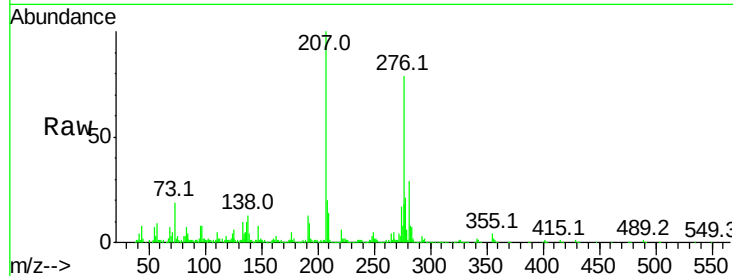
#90
Dibenzo(a,h)anthracene
Concen: 1.605 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM012005.D
Acq: 09 Oct 2017 08:16

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	5.8	8.8#
279	26.3	18.6	27.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.963 ng/ul
RT: 26.83 min Scan# 4036
Delta R.T. -0.02 min
Lab File: BM012005.D
Acq: 09 Oct 2017 08:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	8.5	12.7#
277	24.8	18.6	28.0

