

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004551.D
 Acq On : 04 Mar 2016 02:49
 Operator : SJ/UM
 Sample : H1616-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS001-01

Manual Integrations
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Quant Time: Mar 04 10:49:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 04:25:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	43128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	189226	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	98594	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	168568	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	140537	20.00	ng/ul	0.02
86) Perylene-d12	23.46	264	143239	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2035	2.54	ng/uL	0.00
5) Phenol-d5	6.85	99	62241	17.91	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	31578	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	60299	19.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	56625	18.49	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	30500	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	36006	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	61622	21.04	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	30425	8.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	186419	22.73	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	227414	22.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	14722m	12.17	ng/ul	0.15
58) Fluorene-d10	15.26	176	145997	20.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	20369	18.61	ng/ul	0.00
71) Anthracene-d10	17.12	188	185088	22.44	ng/ul	0.00
79) Pyrene-d10	19.43	212	171121	22.64	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.32	264	168233	22.08	ng/ul	0.03

Target Compounds

						Qvalue
28) Naphthalene	10.43	128	23886	2.29	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	9985	1.28	ng/ul	96
45) Dimethylphthalate	13.72	163	73354	8.51	ng/ul	99
48) Acenaphthylene	13.98	152	37451	3.52	ng/ul	94
70) Phenanthrene	17.06	178	28275	2.80	ng/ul#	88
72) Anthracene	17.15	178	29000	2.83	ng/ul#	88
77) Fluoranthene	19.09	202	48460	4.45	ng/ul	99
80) Pyrene	19.46	202	98274	9.64	ng/ul	97
83) Benzo(a)anthracene	21.22	228	32703	3.61	ng/ul#	69
84) Bis(2-ethylhexyl)phthalate	21.14	149	47691	8.39	ng/ul#	91
85) Chrysene	21.27	228	42714	4.91	ng/ul#	78
88) Benzo(b)fluoranthene	22.80	252	77558m	8.13	ng/ul	
89) Benzo(k)fluoranthene	22.82	252	22863m	2.42	ng/ul	
91) Benzo(a)pyrene	23.37	252	64834	7.19	ng/ul#	59
92) Indeno(1,2,3-cd)pyrene	25.70	276	65960	7.34	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	14962	2.01	ng/ul#	1
94) Benzo(g,h,i)perylene	26.39	276	93933	12.42	ng/ul	96

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

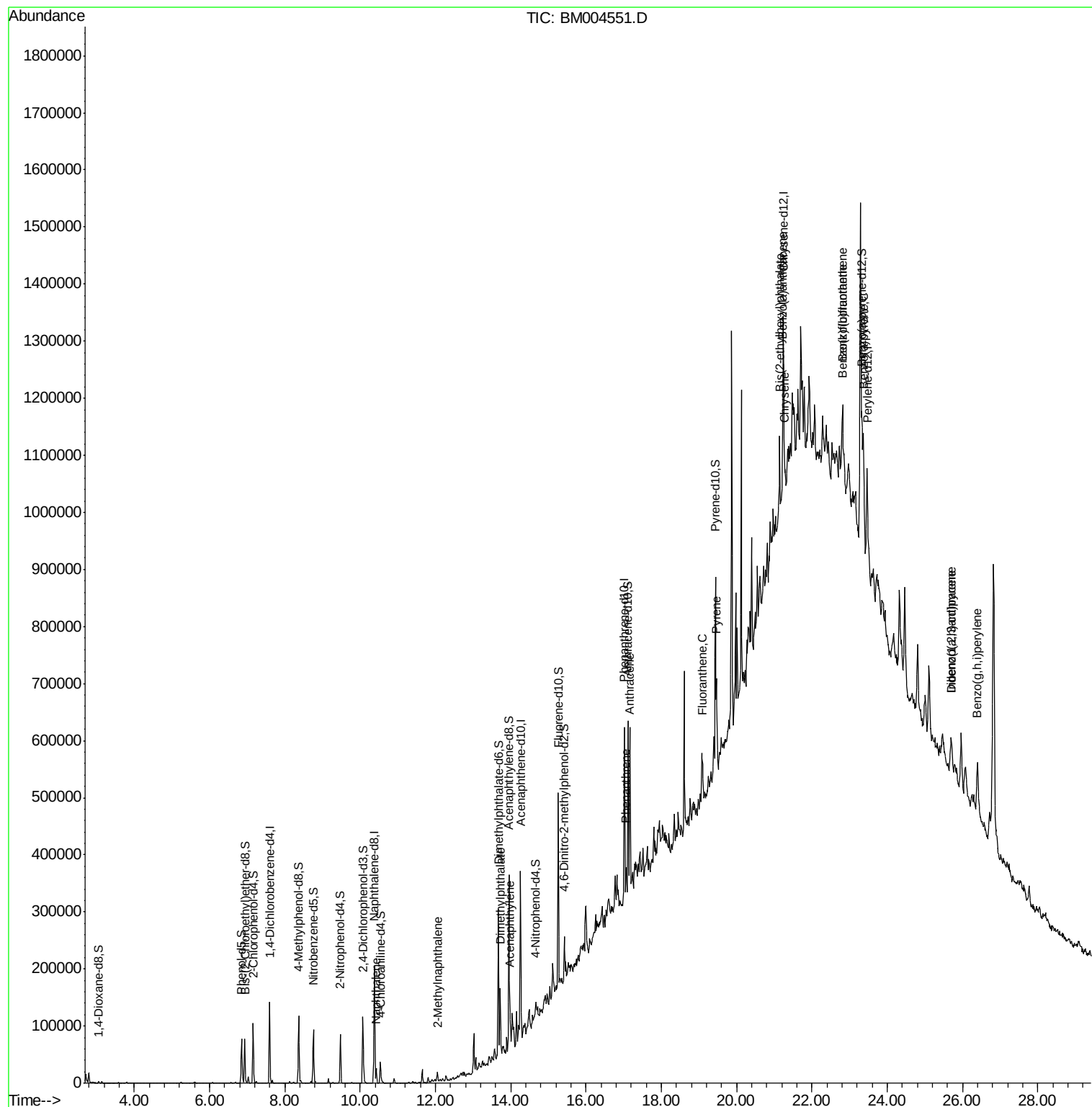
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

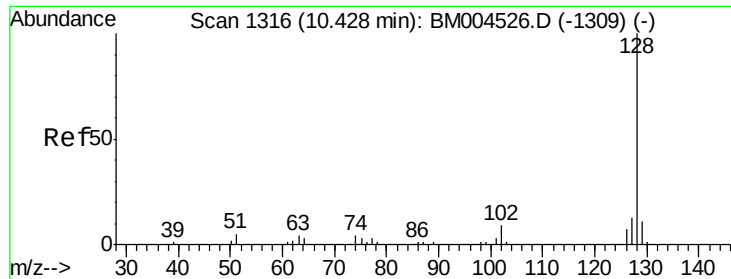
Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

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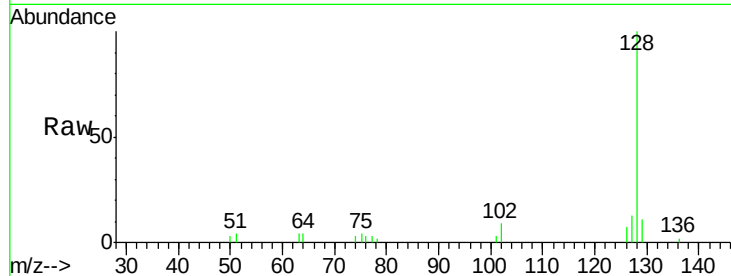
#28
Naphthalene
Concen: 2.29 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

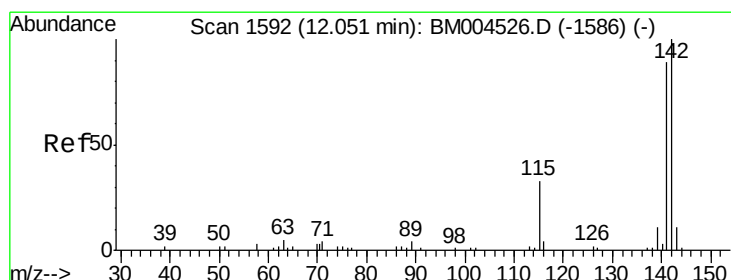
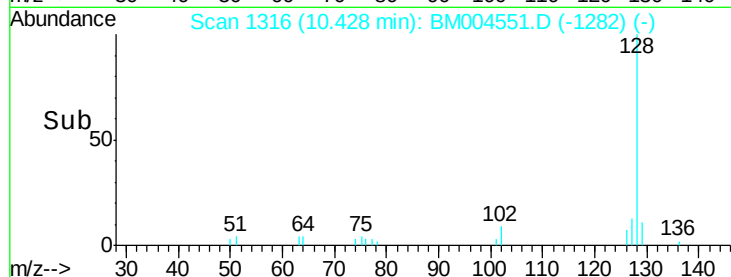
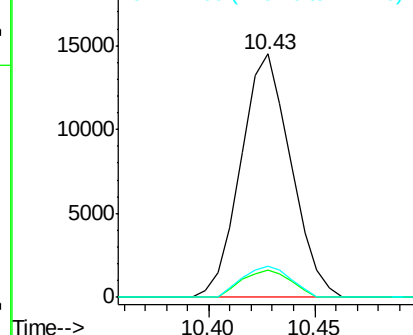
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	23886		
129	11.0	8.8	13.2	
127	12.7	10.5	15.7	

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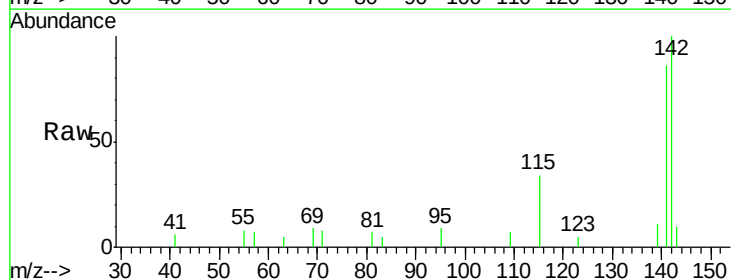


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

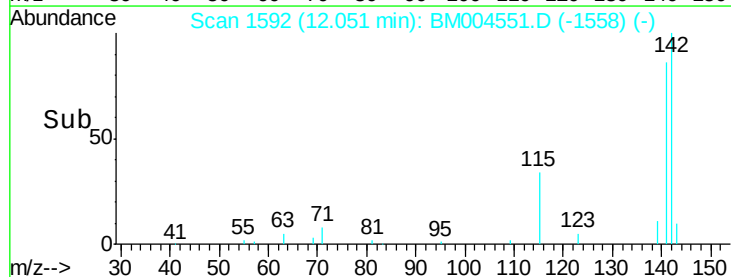
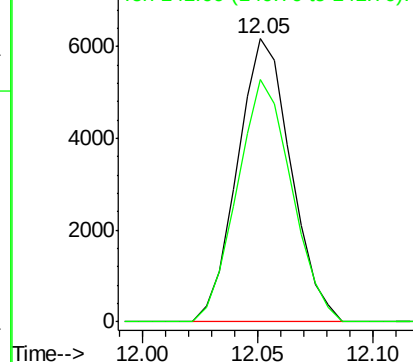


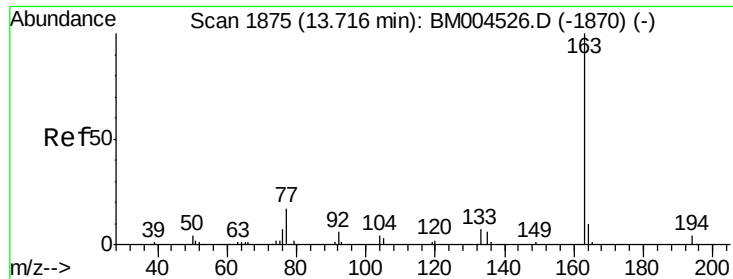
#34
2-Methylnaphthalene
Concen: 1.28 ng/ul
RT: 12.05 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	9985		
141	85.6	71.6	107.4	



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





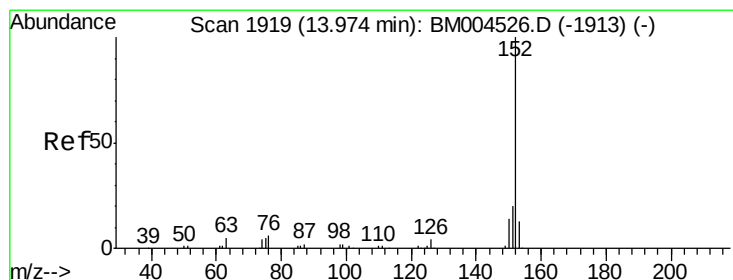
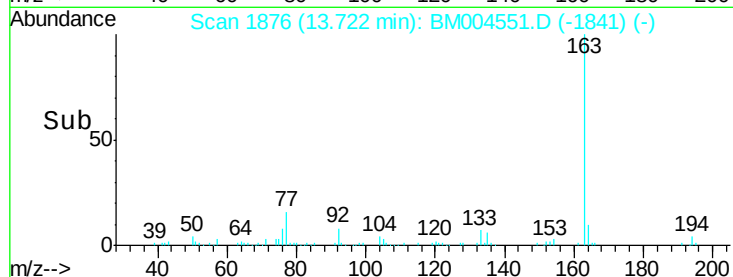
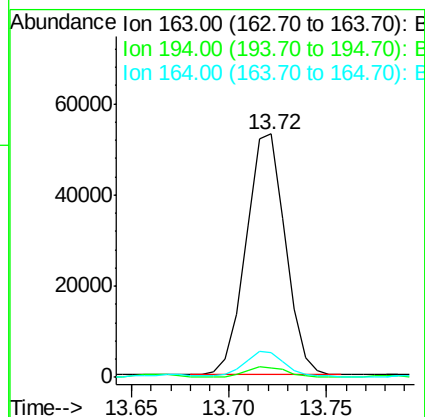
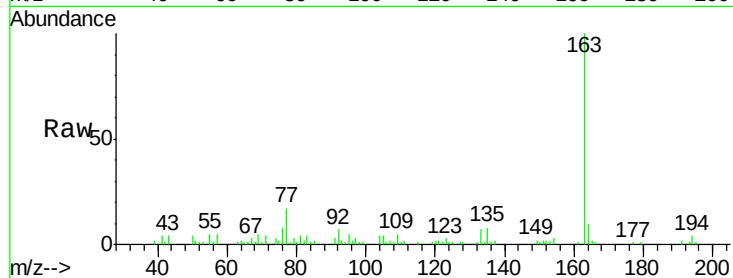
#45
Dimethylphthalate
Concen: 8.51 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	73354		
194	4.1		3.2	4.8
164	10.2		7.8	11.8

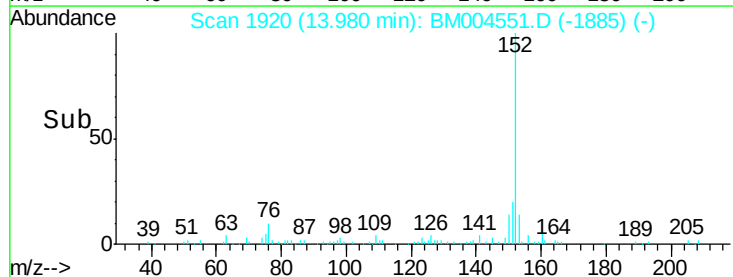
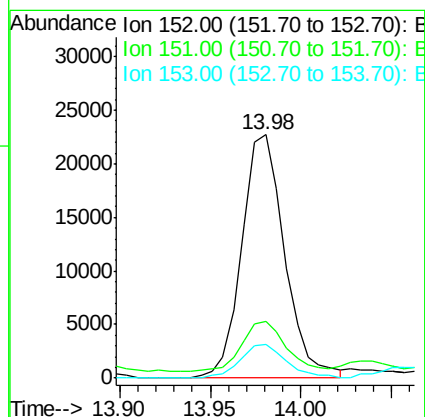
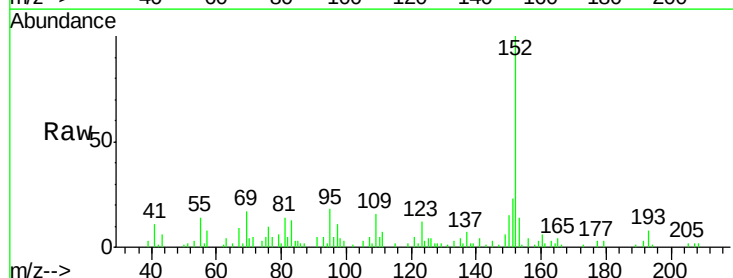
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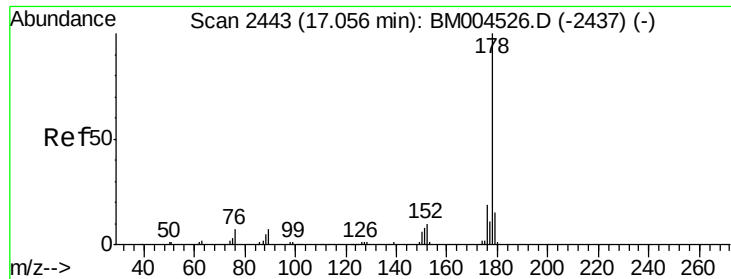
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#48
Acenaphthylene
Concen: 3.52 ng/ul
RT: 13.98 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	37451		
151	23.4		15.7	23.5
153	13.8		10.5	15.7





#70

Phenanthrene

Concen: 2.80 ng/ul

RT: 17.06 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BM004551.D

Acq: 04 Mar 2016 02:49

Instrument :

BNA_M

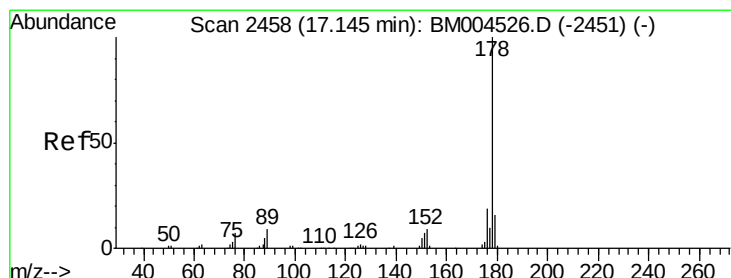
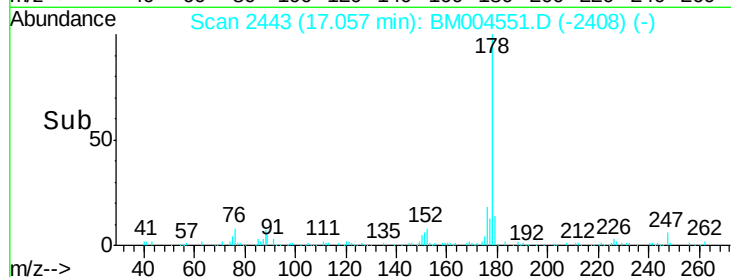
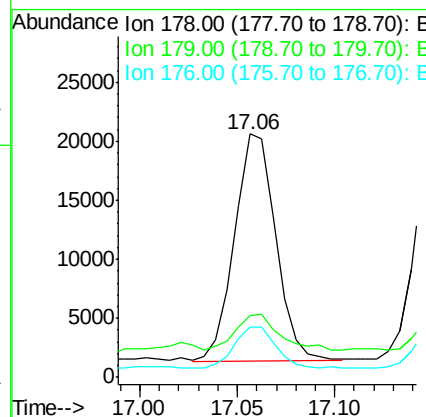
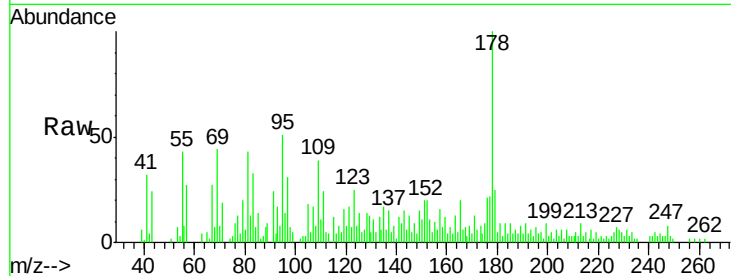
ClientSampleId :

P010-SS001-01

Tgt Ion:	178	Resp:	28275
Ion Ratio	Lower	Upper	
178	100		
179	25.2	12.2	18.4#
176	20.5	15.6	23.4

Manual Integrations
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#72

Anthracene

Concen: 2.83 ng/ul

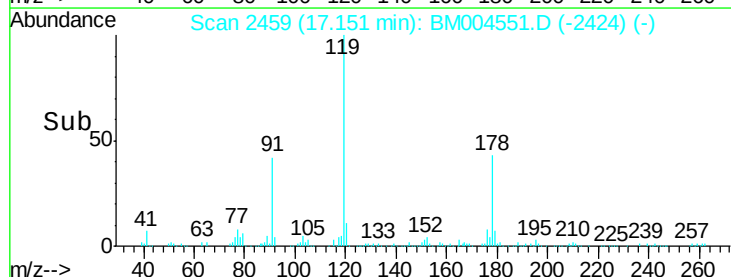
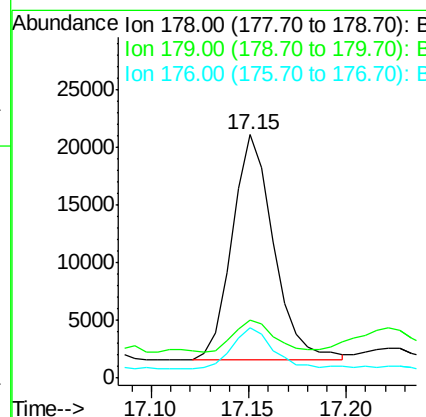
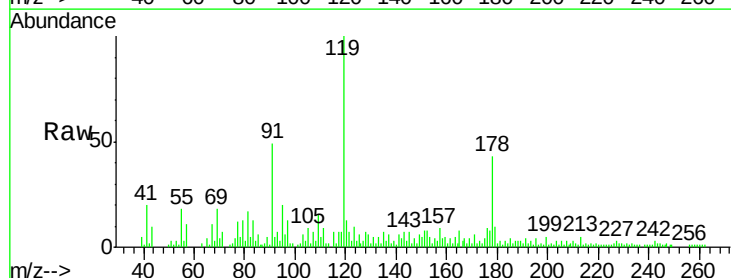
RT: 17.15 min Scan# 2459

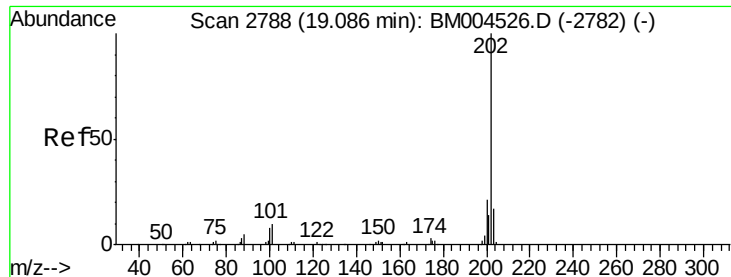
Delta R.T. 0.01 min

Lab File: BM004551.D

Acq: 04 Mar 2016 02:49

Tgt Ion:	178	Resp:	29000
Ion Ratio	Lower	Upper	
178	100		
179	23.7	12.1	18.1#
176	20.9	14.8	22.2





#77

Fluoranthene

Concen: 4.45 ng/ul

RT: 19.09 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BM004551.D

Acq: 04 Mar 2016 02:49

Instrument :

BNA_M

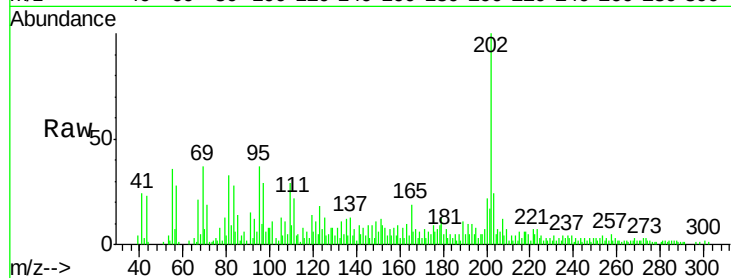
ClientSampleId :

P010-SS001-01

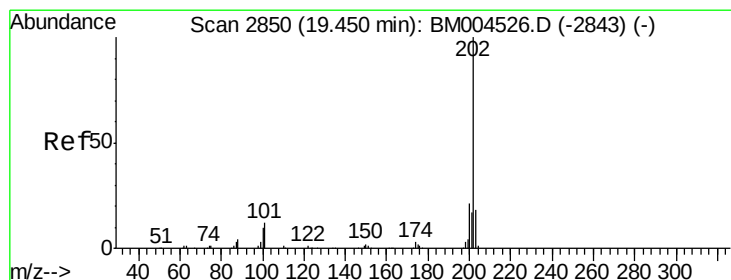
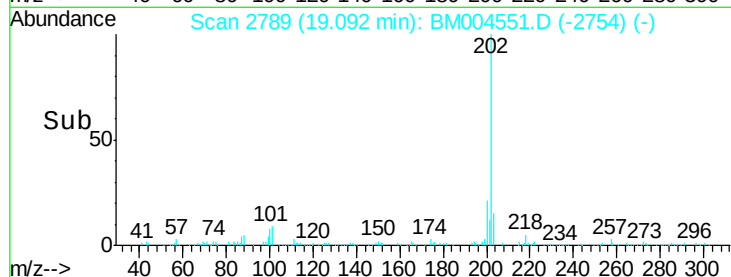
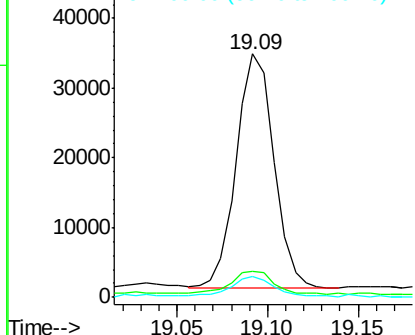
Tgt Ion:	202	Resp:	48460
Ion Ratio		Lower	Upper
202	100		
101	10.8	8.8	13.2
100	8.4	6.6	9.8

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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: 9.64 ng/ul

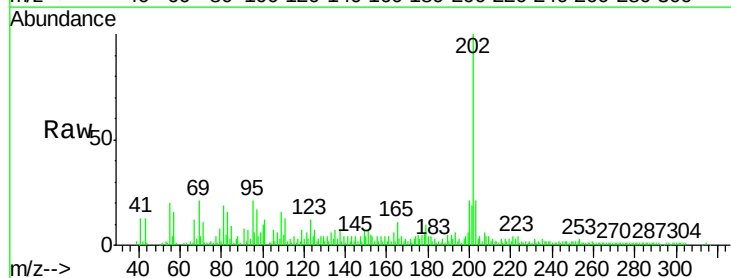
RT: 19.46 min Scan# 2852

Delta R.T. 0.01 min

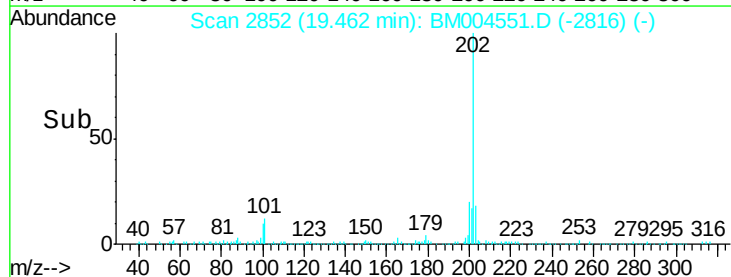
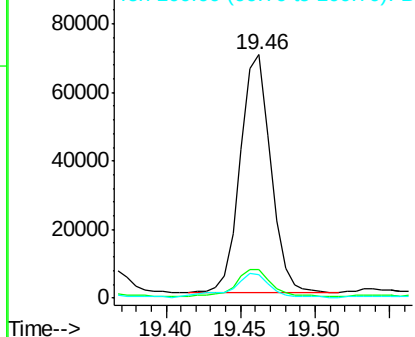
Lab File: BM004551.D

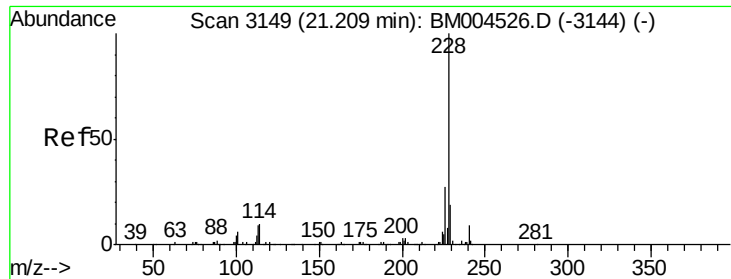
Acq: 04 Mar 2016 02:49

Tgt Ion:	202	Resp:	98274
Ion Ratio		Lower	Upper
202	100		
101	11.7	10.2	15.2
100	9.6	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





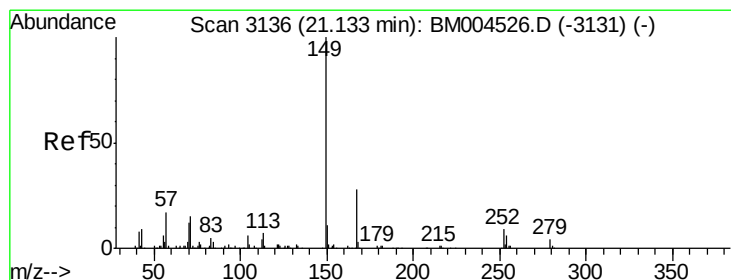
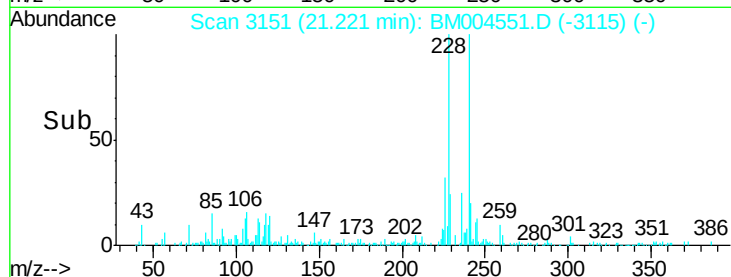
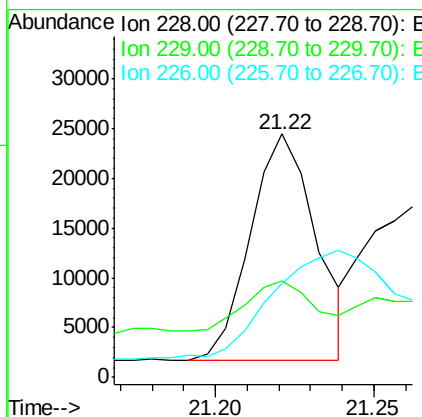
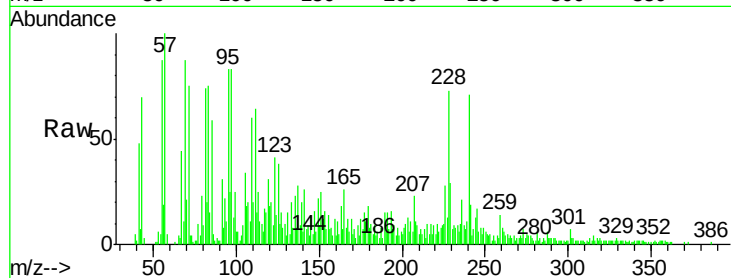
#83
Benzo(a)anthracene
Concen: 3.61 ng/ul
RT: 21.22 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	39.7	15.7	23.5#
226	38.5	21.8	32.6#

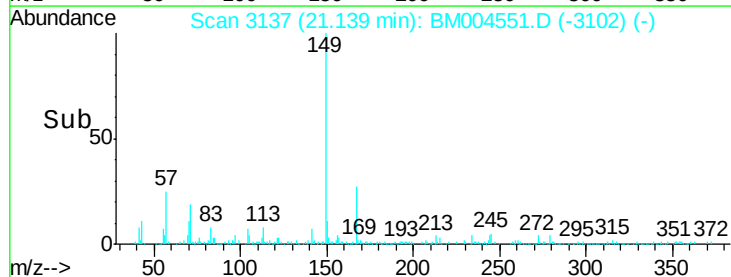
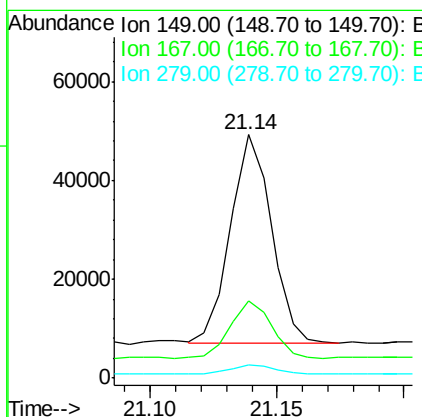
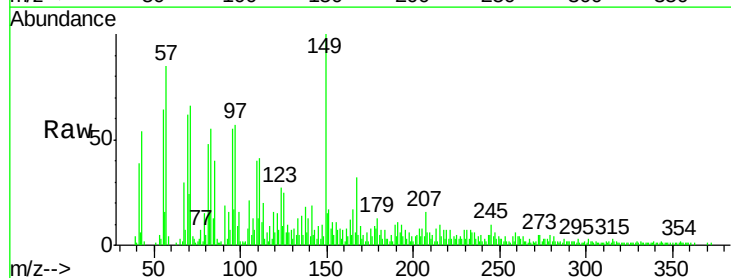
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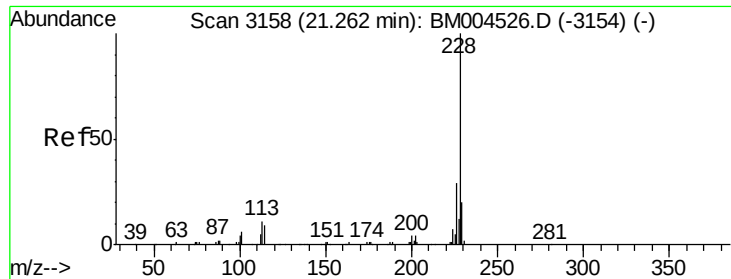
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.39 ng/ul
RT: 21.14 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	21.6	32.4
279	5.3	3.0	4.4#





#85

Chrysene

Concen: 4.91 ng/ul

RT: 21.27 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BM004551.D

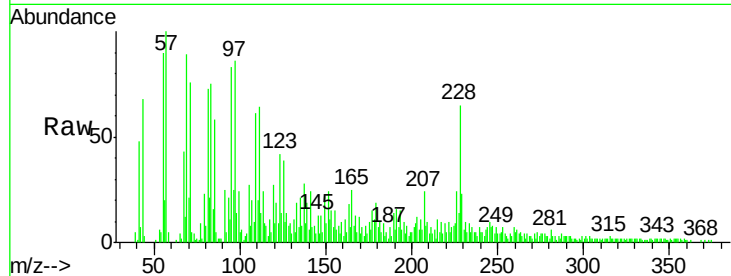
Acq: 04 Mar 2016 02:49

Instrument :

BNA_M

ClientSampleId :

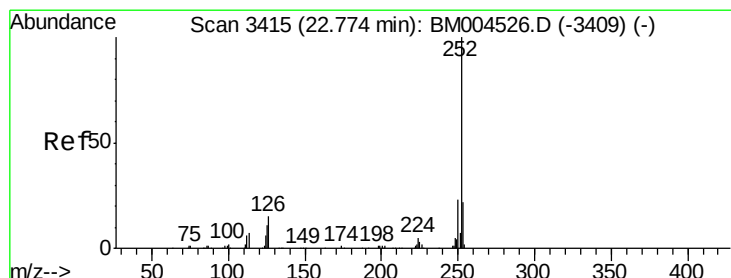
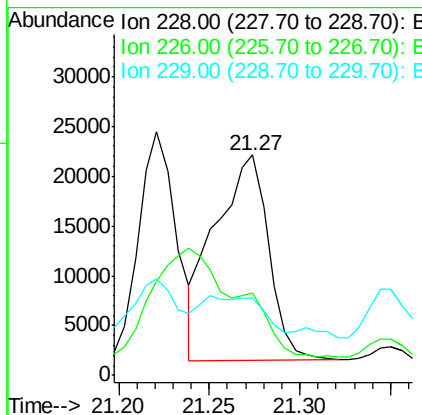
P010-SS001-01



Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.6	24.0	36.0#
229	35.2	15.6	23.4#

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 8.13 ng/ul m

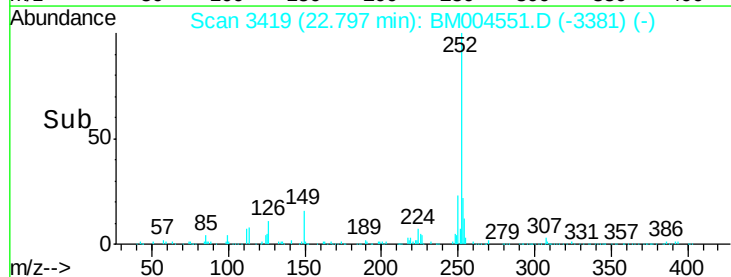
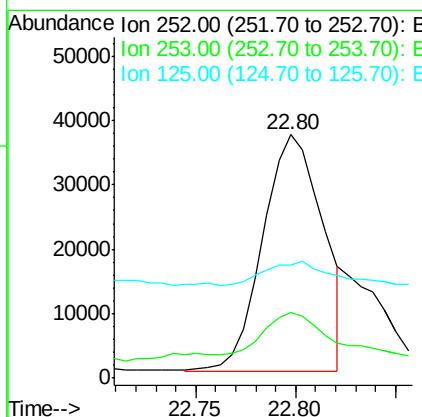
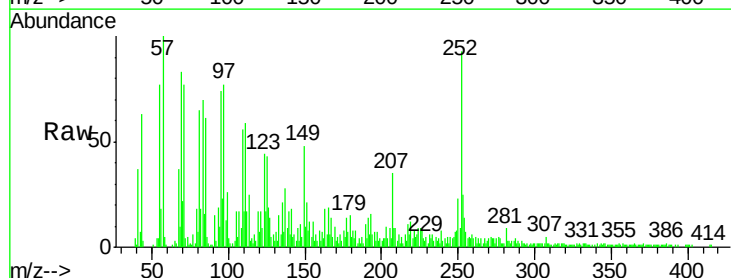
RT: 22.80 min Scan# 3419

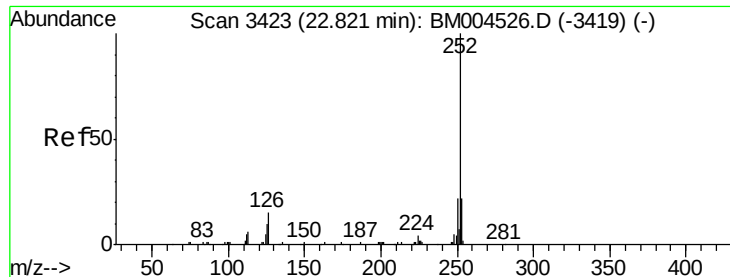
Delta R.T. 0.02 min

Lab File: BM004551.D

Acq: 04 Mar 2016 02:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	46.4	8.5	12.7#





#89

Benzo(k)fluoranthene

Concen: 2.42 ng/ul m

RT: 22.82 min Scan# 3423

Delta R.T. 0.01 min

Lab File: BM004551.D

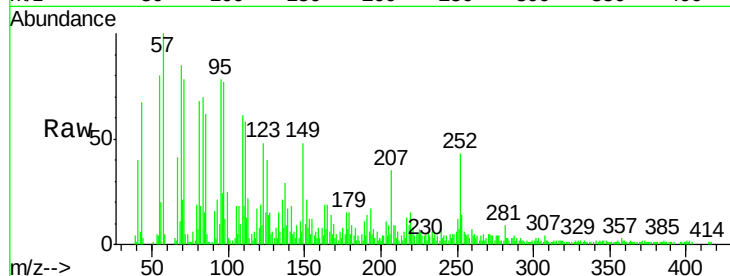
Acq: 04 Mar 2016 02:49

Instrument :

BNA_M

ClientSampled :

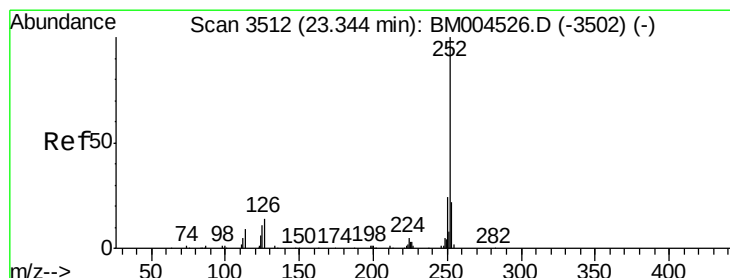
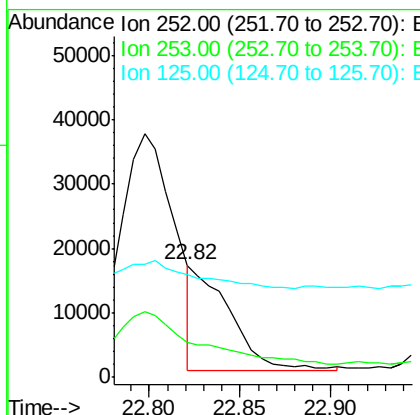
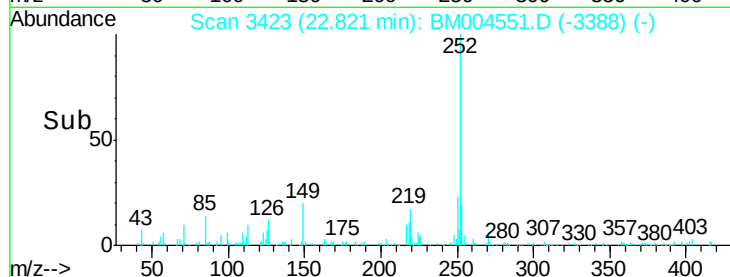
P010-SS001-01



Tgt Ion:	252	Resp:	22863
Ion Ratio	Lower	Upper	
252	100		
253	31.5	17.3	25.9#
125	92.2	8.2	12.2#

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#91

Benzo(a)pyrene

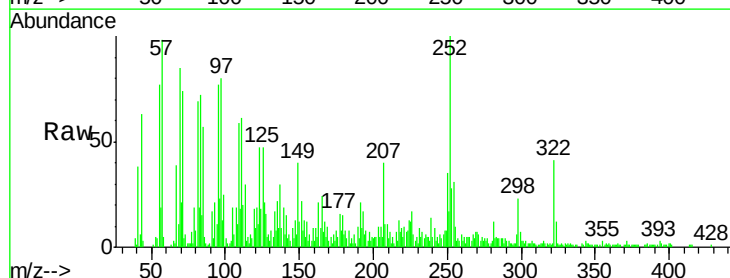
Concen: 7.19 ng/ul

RT: 23.37 min Scan# 3516

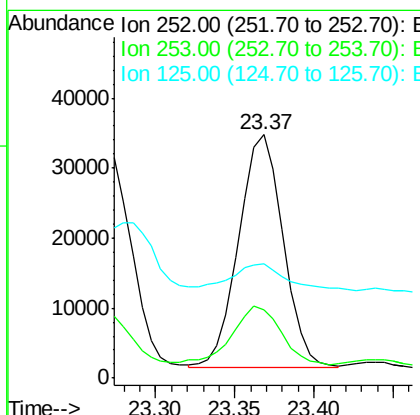
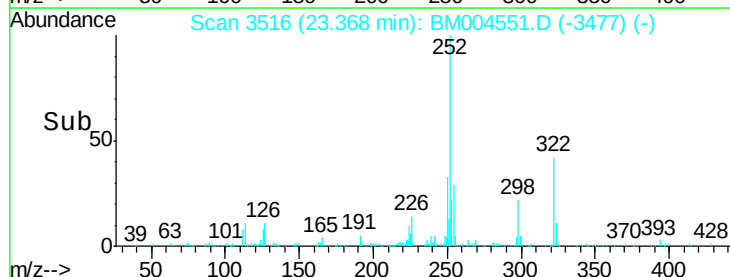
Delta R.T. 0.03 min

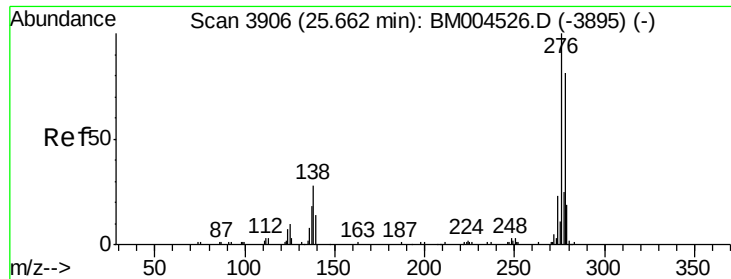
Lab File: BM004551.D

Acq: 04 Mar 2016 02:49



Tgt Ion:	252	Resp:	64834
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.2	25.8#
125	46.9	9.0	13.6#





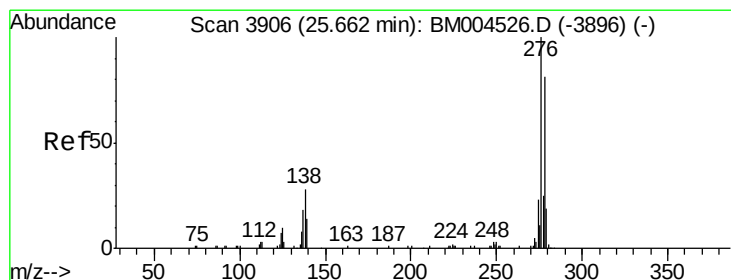
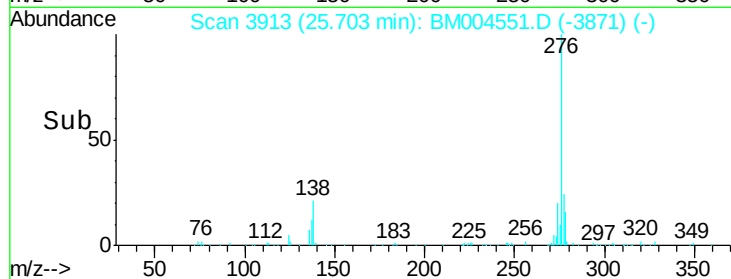
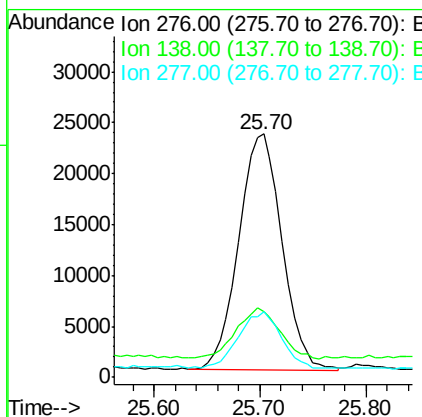
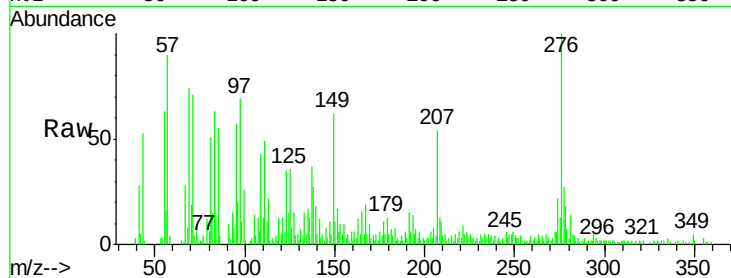
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.34 ng/ul
 RT: 25.70 min Scan# 3913
 Delta R.T. 0.05 min
 Lab File: BM004551.D
 Acq: 04 Mar 2016 02:49

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS001-01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	65960		
138	26.7	22.3	33.5	
277	26.7	20.2	30.2	

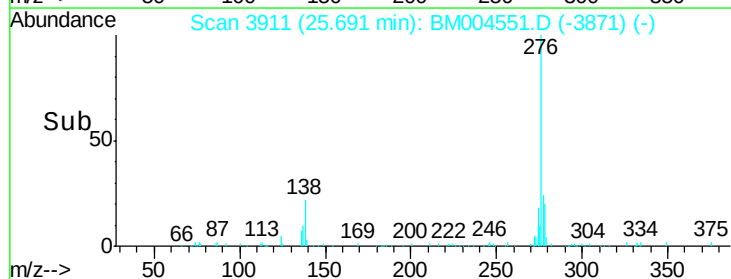
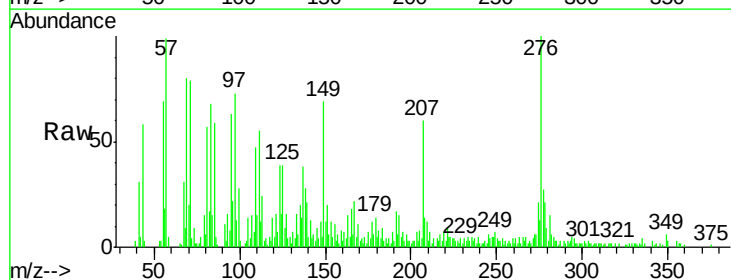
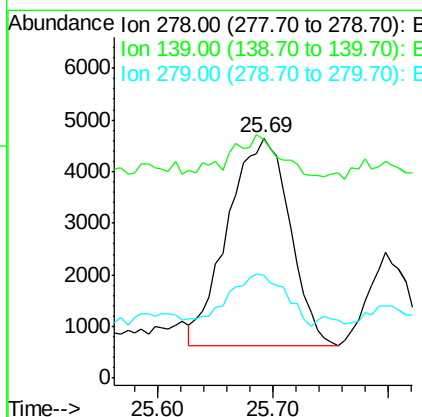
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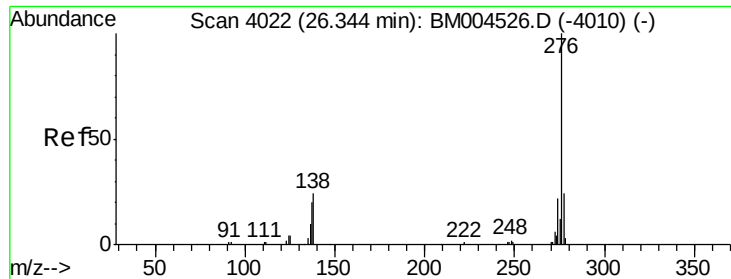
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#93
 Dibenzo(a,h)anthracene
 Concen: 2.01 ng/ul
 RT: 25.69 min Scan# 3911
 Delta R.T. 0.04 min
 Lab File: BM004551.D
 Acq: 04 Mar 2016 02:49

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	14962		
139	99.7	13.9	20.9#	
279	42.6	19.0	28.4#	





#94
 Benzo(g,h,i)perylene
 Concen: 12.42 ng/ul
 RT: 26.39 min Scan# 4030
 Delta R.T. 0.05 min
 Lab File: BM004551.D
 Acq: 04 Mar 2016 02:49

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS001-01

Tgt Ion:	276	Resp:	93933
Ion Ratio	Lower	Upper	
276	100		
138	26.2	18.9	28.3
277	25.2	19.2	28.8

Manual Integrations
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