

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012763.D
 Acq On : 06 Nov 2017 05:47
 Operator : SJ/JU
 Sample : I5825-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MSD

Manual Integrations
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Quant Time: Nov 06 07:53:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	120500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	514714	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	336425	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	724236	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	635576	20.00	ng/ul	0.01
85) Perylene-d12	23.69	264	695097	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	9546	4.28	ng/uL	0.00
5) Phenol-d5	7.00	99	223545	24.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	120077	24.71	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	178715	23.93	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	193021	24.94	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	102480	26.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	77871	17.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	188762	21.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	118158	13.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	746061	26.80	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	965175	28.03	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	2430	0.54	ng/ul	0.03
57) Fluorene-d10	15.45	176	679864	28.51	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	978308	27.96	ng/ul	0.01
78) Pyrene-d10	19.60	212	883271	29.95	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	920073	27.99	ng/ul	0.03

Target Compounds

					Qvalue	
4) Benzaldehyde	6.96	77	11079	2.323	ng/ul	92
6) Phenol	7.02	94	288858	31.384	ng/ul	96
10) 2-Chlorophenol	7.39	128	196087	25.486	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	134736	24.068	ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	250821	29.670	ng/ul	98
44) Dimethylphthalate	13.91	163	427255	15.466	ng/ul	99
49) Acenaphthene	14.52	153	583437	25.660	ng/ul	97
54) 2,4-Dinitrotoluene	14.83	165	189168	23.260	ng/ul	97
69) Phenanthrene	17.24	178	250030	6.316	ng/ul	98
71) Anthracene	17.34	178	57343	1.397	ng/ul	94
75) Di-n-butylphthalate	18.16	149	154853	3.861	ng/ul	98
76) Fluoranthene	19.26	202	513000m	10.784	ng/ul	
79) Pyrene	19.63	202	1458077	38.451	ng/ul#	93
82) Benzo(a)anthracene	21.37	228	237396	6.173	ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.29	149	702164	34.855	ng/ul#	94
84) Chrysene	21.42	228	263065	7.547	ng/ul#	92
87) Benzo(b)fluoranthene	23.00	252	429162	10.103	ng/ul#	87
88) Benzo(k)fluoranthene	23.03	252	155339m	3.847	ng/ul	
90) Benzo(a)pyrene	23.59	252	274804	6.799	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	26.02	276	254634	5.227	ng/ul#	86
92) Dibenzo(a,h)anthracene	26.02	278	62603	1.518	ng/ul#	44
93) Benzo(g,h,i)perylene	26.74	276	239279	5.961	ng/ul#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

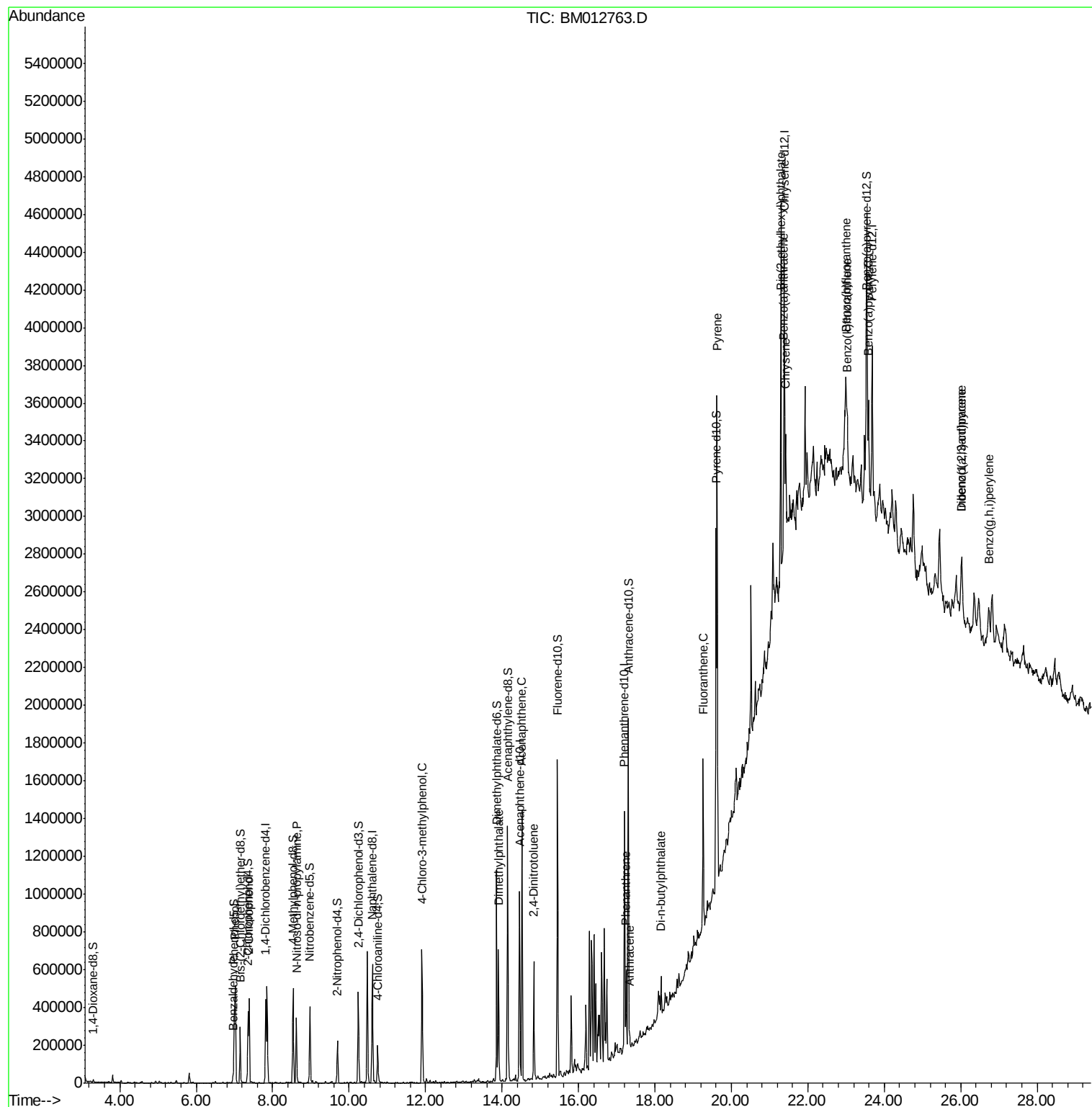
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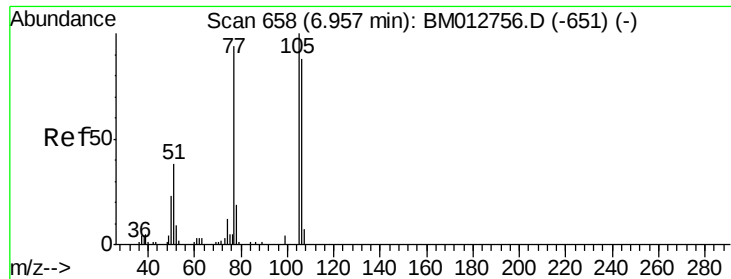
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#4

Benzaldehyde

Concen: 2.323 ng/ul

RT: 6.96 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM012763.D

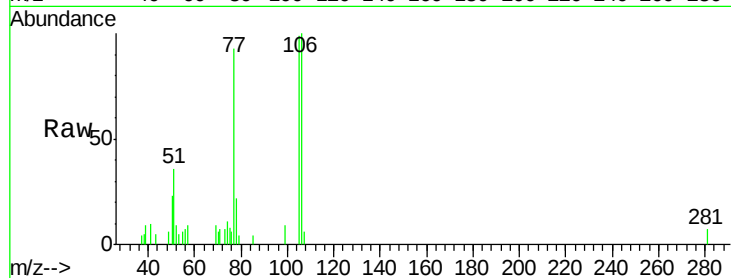
Acq: 06 Nov 2017 05:47

Instrument :

BNA_M

ClientSampleId :

B-19(0-1)-101117MSD



Tgt Ion: 77 Resp: 11079

Ion Ratio Lower Upper

77 100

105 105.9 80.6 120.8

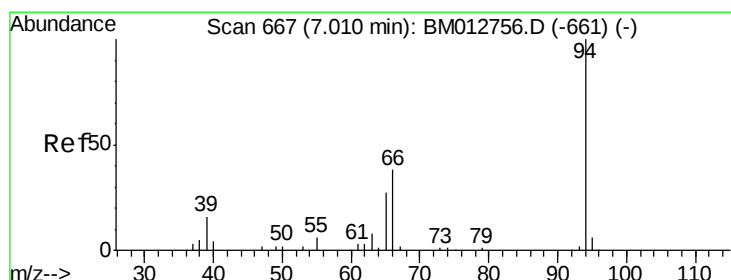
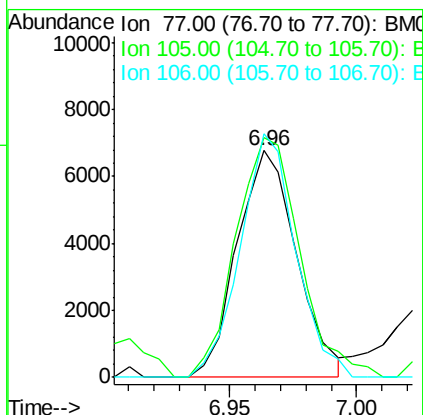
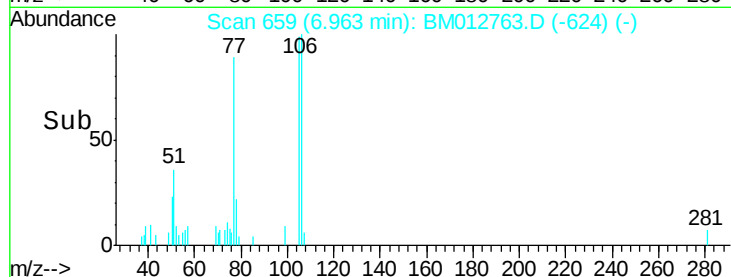
106 107.5 77.7 116.5

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#6

Phenol

Concen: 31.384 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

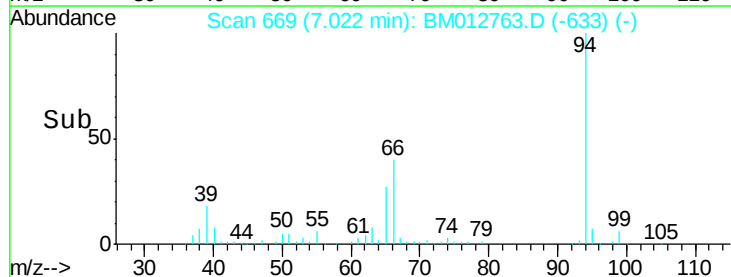
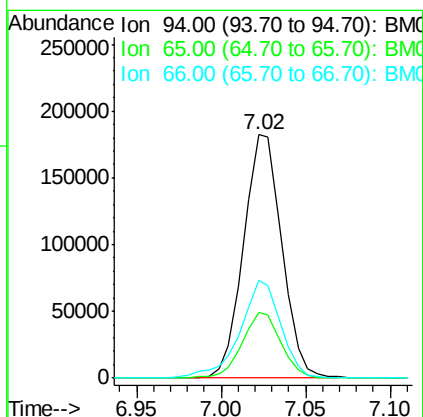
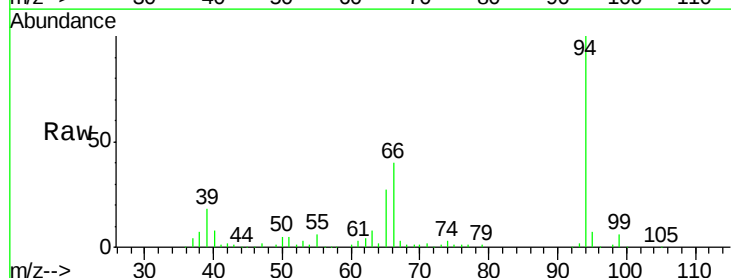
Tgt Ion: 94 Resp: 288858

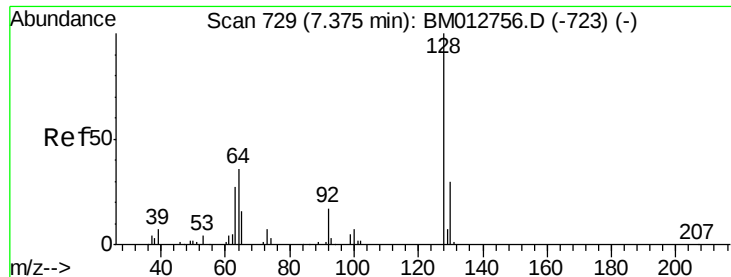
Ion Ratio Lower Upper

94 100

65 26.9 21.0 31.6

66 40.1 29.3 43.9





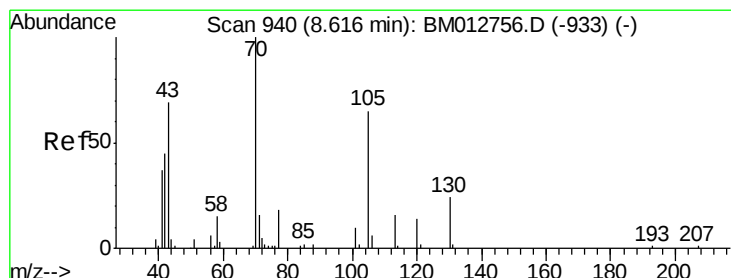
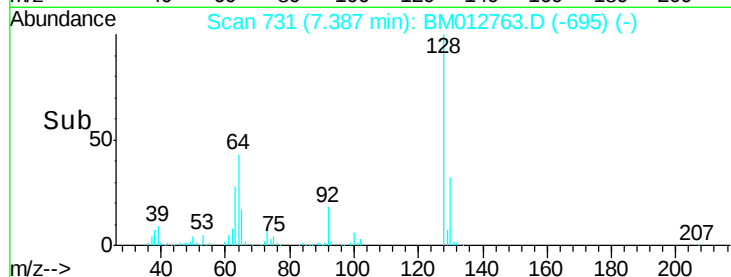
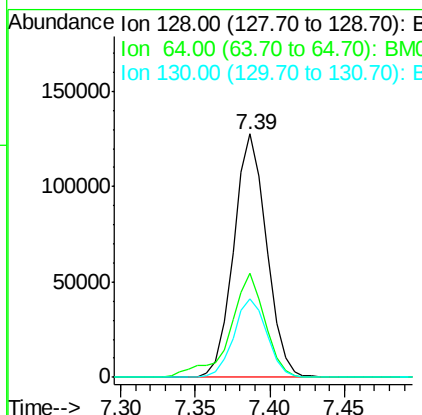
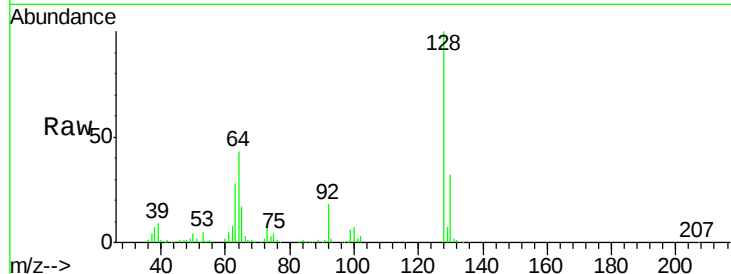
#10
2-Chlorophenol
Concen: 25.486 ng/ul
RT: 7.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BM012763.D
Acq: 06 Nov 2017 05:47

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	196087		
64	42.7	31.9	47.9	
130	32.3	25.6	38.4	

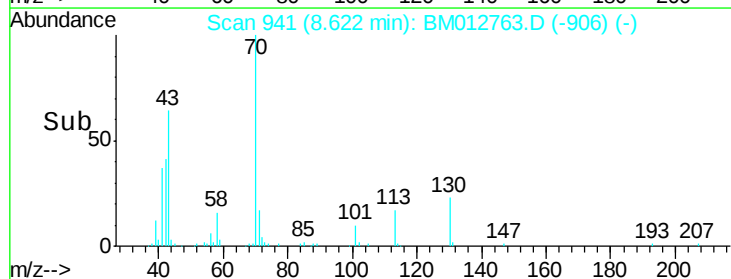
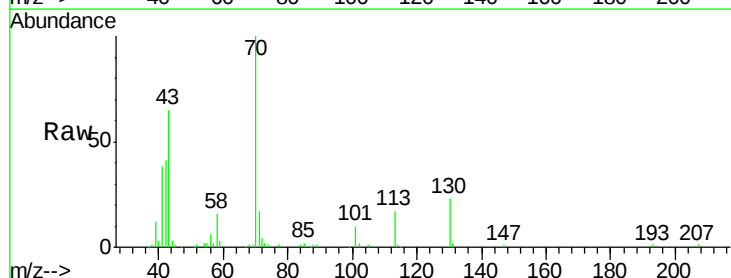
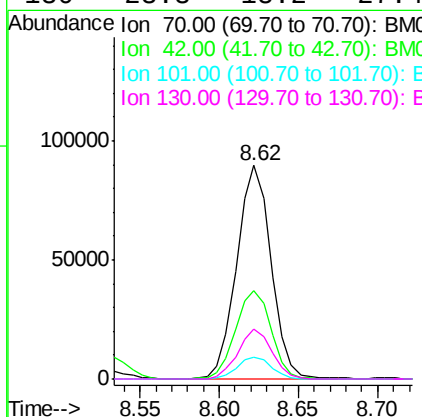
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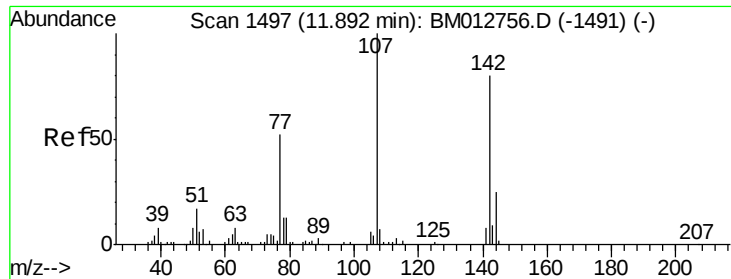
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#15
N-Nitroso-di-n-propylamine
Concen: 24.068 ng/ul
RT: 8.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BM012763.D
Acq: 06 Nov 2017 05:47

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	134736		
42	41.5	35.4	53.0	
101	10.3	8.4	12.6	
130	23.3	18.2	27.4	





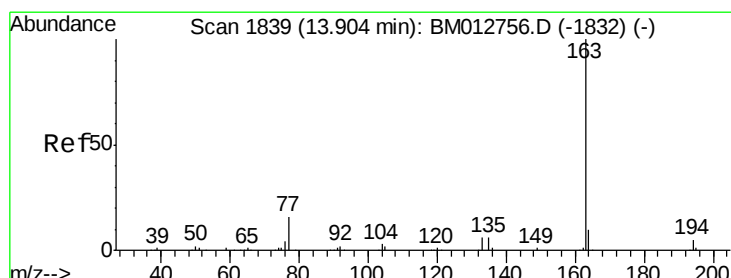
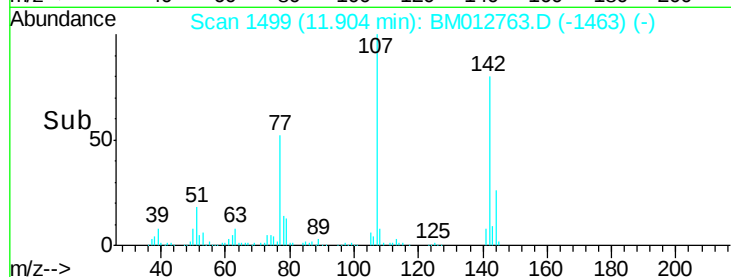
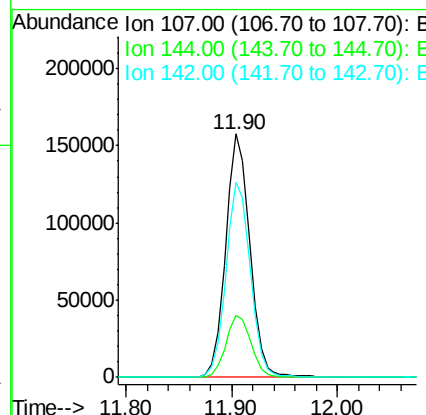
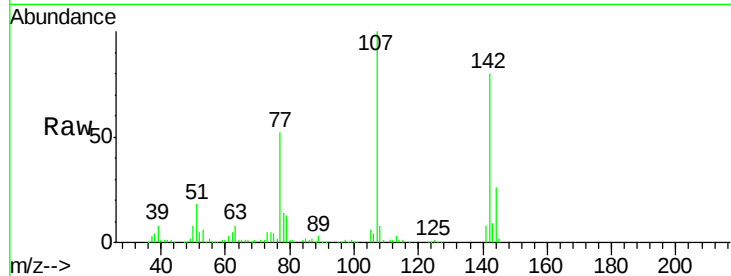
#33
 4-Chloro-3-methylphenol
 Concen: 29.670 ng/ul
 RT: 11.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BM012763.D
 Acq: 06 Nov 2017 05:47

Instrument :
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Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	79.9	62.5	93.7

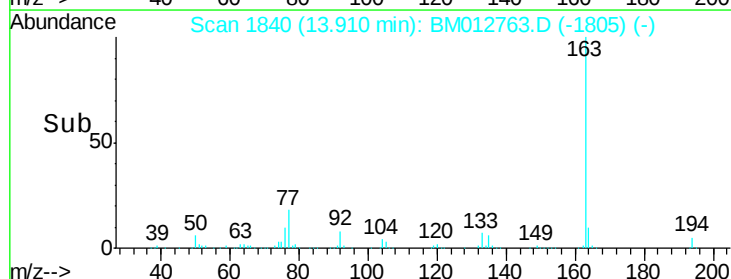
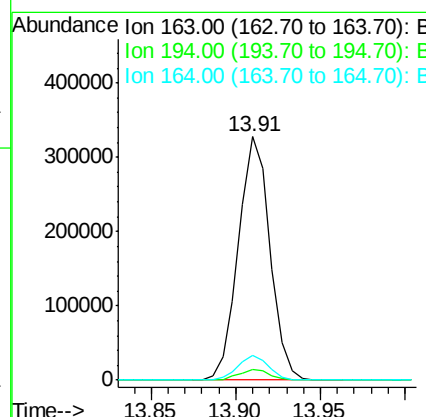
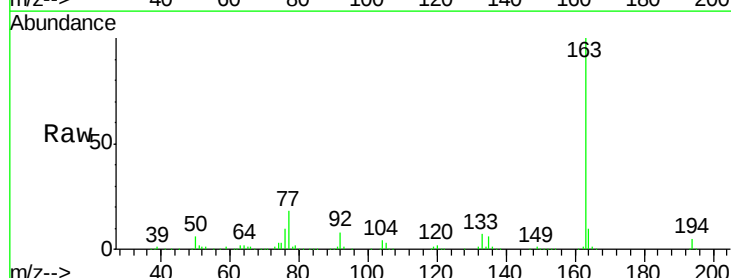
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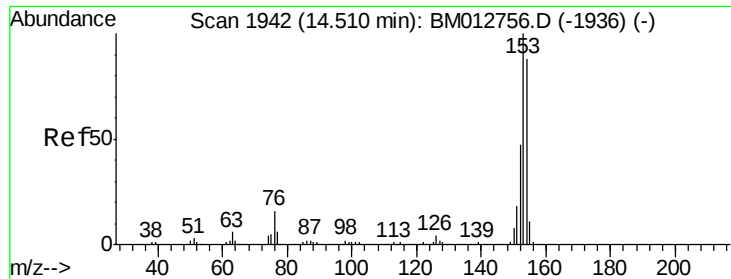
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#44
 Dimethylphthalate
 Concen: 15.466 ng/ul
 RT: 13.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BM012763.D
 Acq: 06 Nov 2017 05:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	10.1	7.8	11.8





#49

Acenaphthene

Concen: 25.660 ng/ul

RT: 14.52 min Scan# 1944

Delta R.T. 0.01 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Instrument :

BNA_M

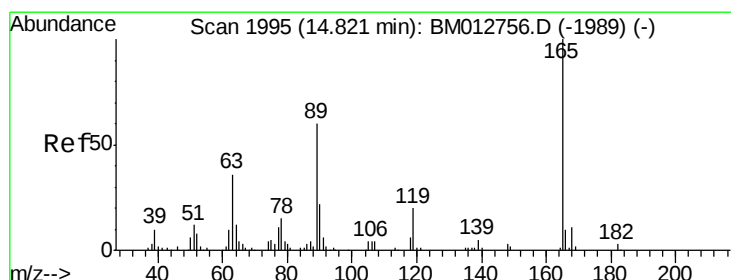
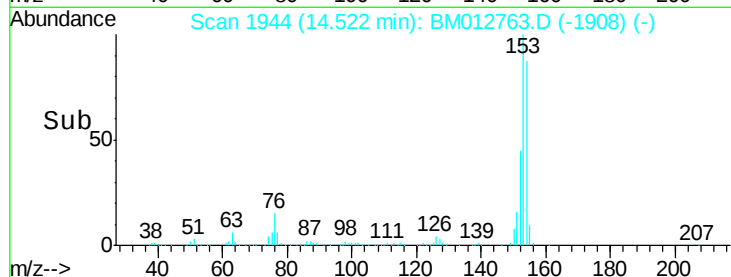
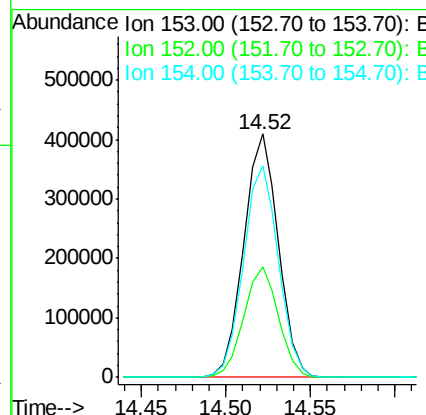
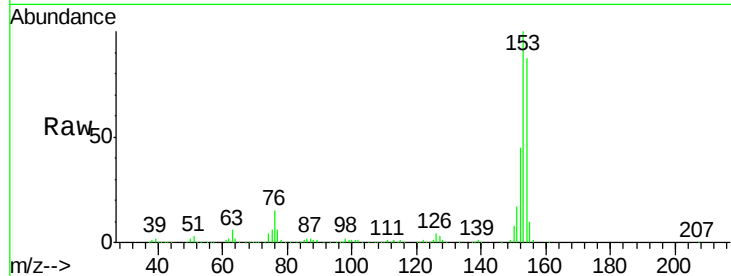
ClientSampleId :

B-19(0-1)-101117MSD

Tgt Ion:	153	Resp:	583437
Ion Ratio	Lower	Upper	
153	100		
152	45.5	38.3	57.5
154	87.2	71.8	107.8

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#54

2,4-Dinitrotoluene

Concen: 23.260 ng/ul

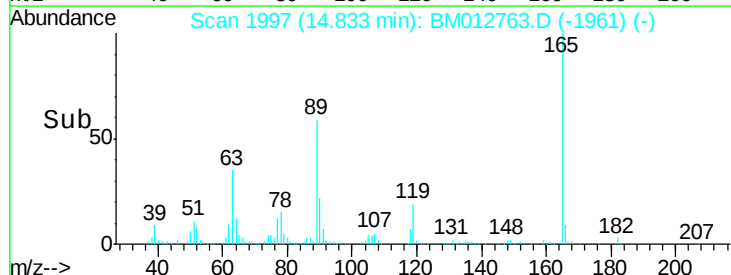
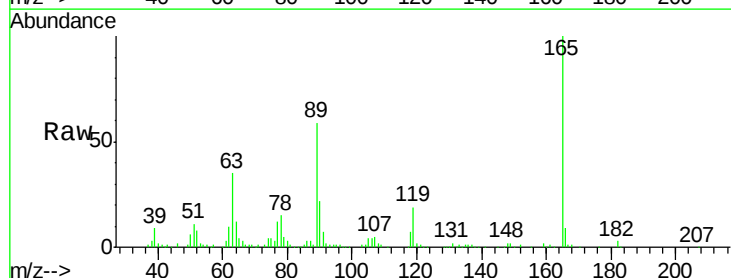
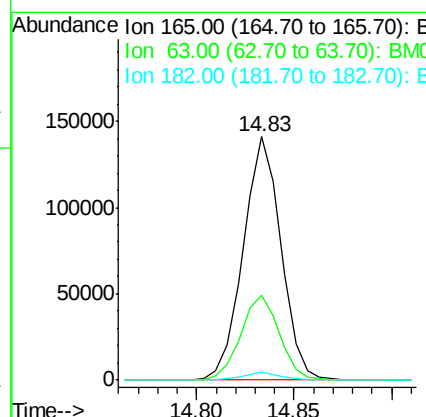
RT: 14.83 min Scan# 1997

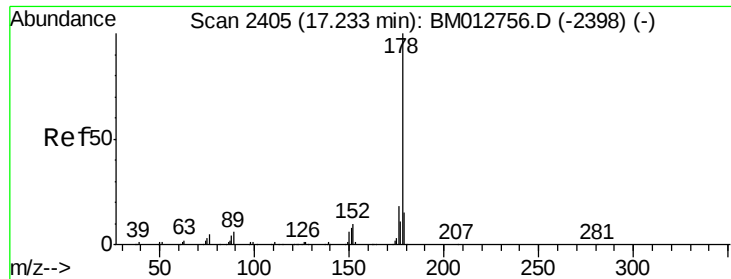
Delta R.T. 0.01 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Tgt Ion:	165	Resp:	189168
Ion Ratio	Lower	Upper	
165	100		
63	35.1	29.8	44.6
182	3.1	2.2	3.4





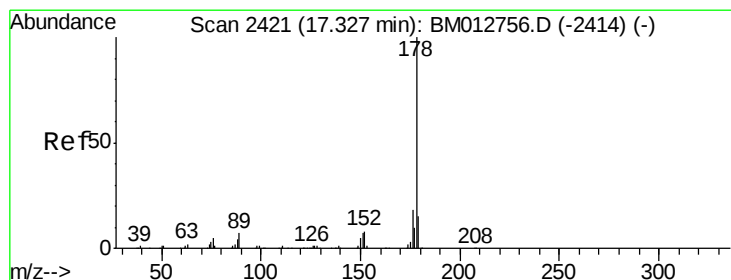
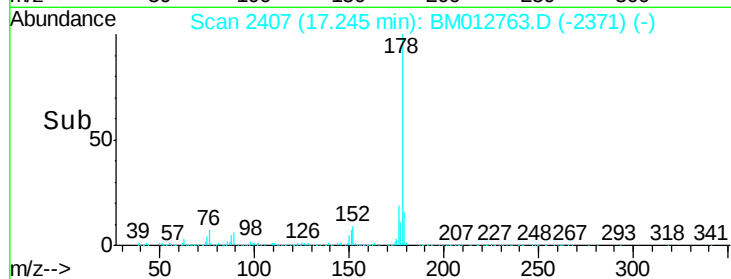
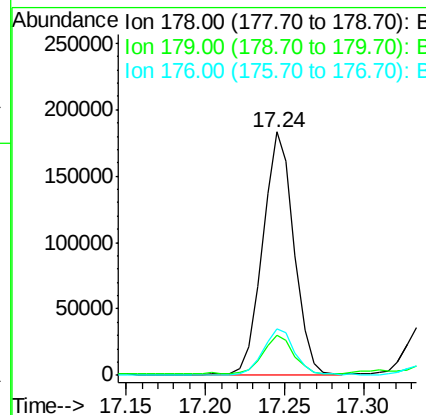
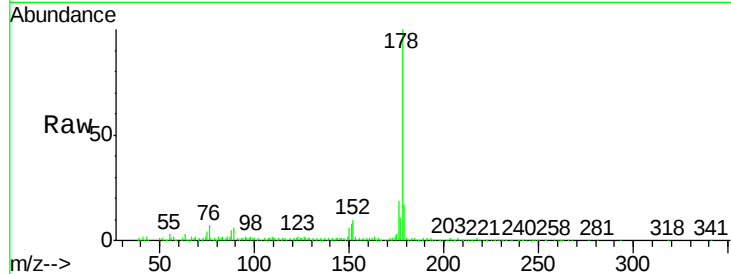
#69
Phenanthrene
Concen: 6.316 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BM012763.D
Acq: 06 Nov 2017 05:47

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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	250030		
179	16.5	12.2	18.4	
176	19.3	15.6	23.4	

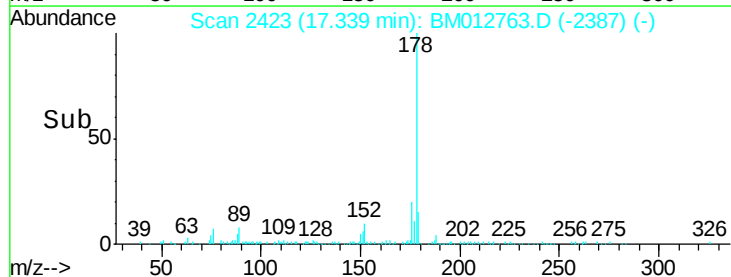
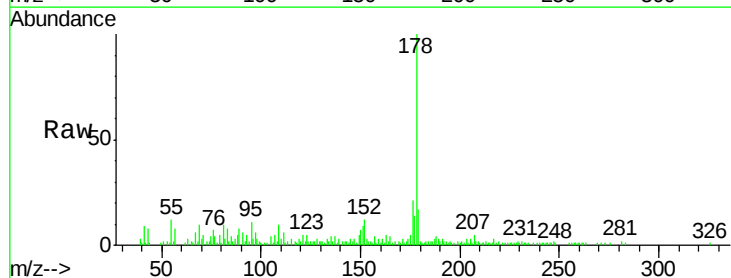
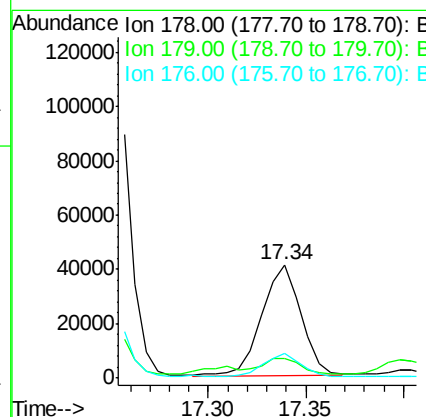
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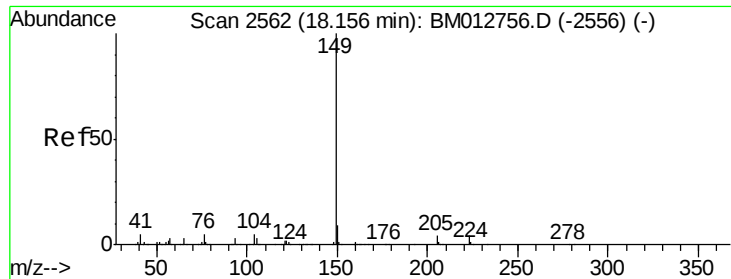
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#71
Anthracene
Concen: 1.397 ng/ul
RT: 17.34 min Scan# 2423
Delta R.T. 0.01 min
Lab File: BM012763.D
Acq: 06 Nov 2017 05:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	57343		
179	17.3	12.1	18.1	
176	21.4	14.8	22.2	





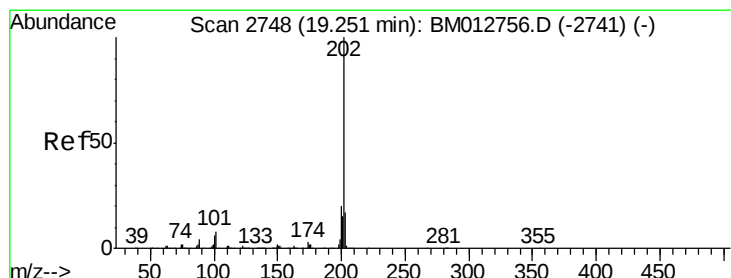
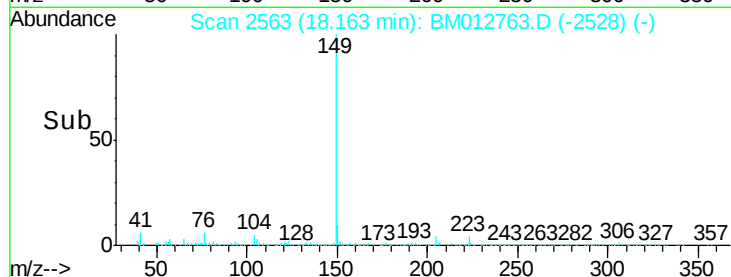
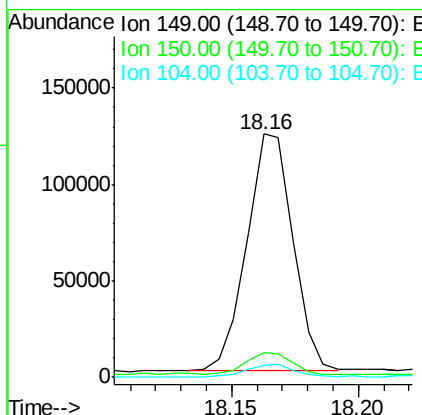
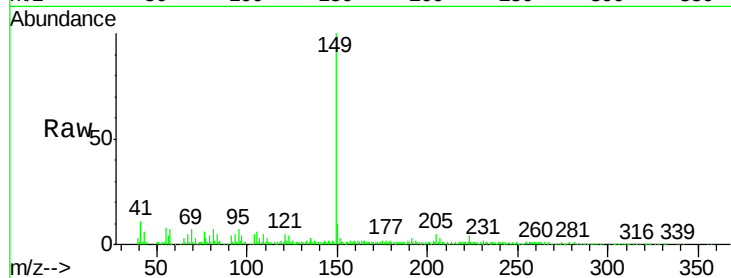
#75
Di-n-butylphthalate
Concen: 3.861 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BM012763.D
Acq: 06 Nov 2017 05:47

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	154853		
150	10.4		7.4	11.0
104	5.0		4.0	6.0

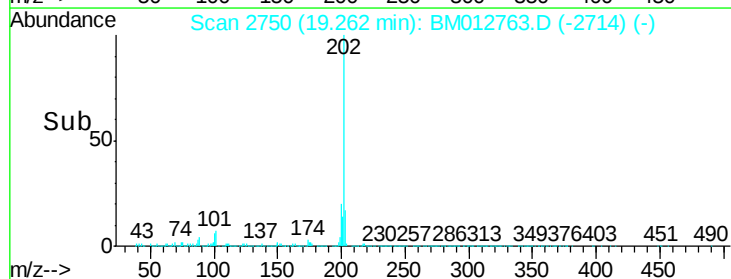
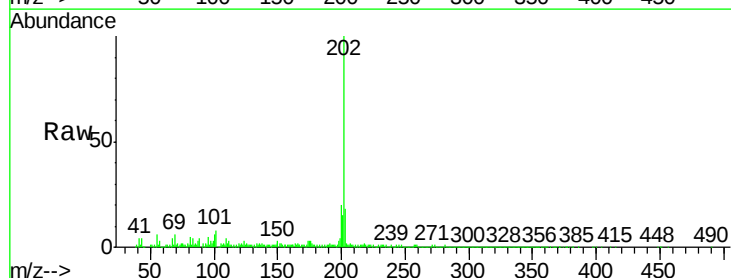
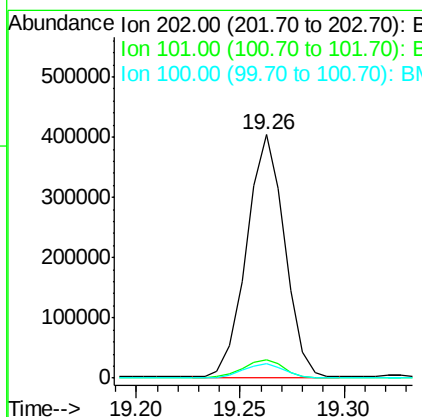
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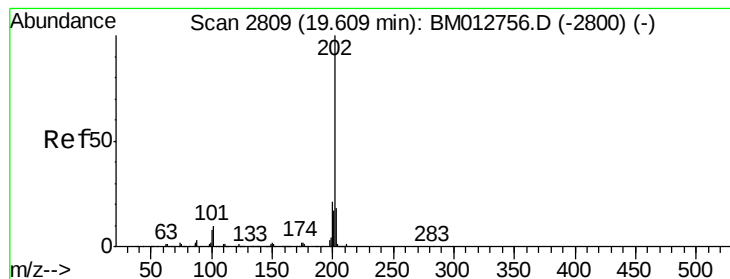
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11/6/2017 4:29:05 PM



#76
Fluoranthene
Concen: 10.784 ng/ul m
RT: 19.26 min Scan# 2750
Delta R.T. 0.01 min
Lab File: BM012763.D
Acq: 06 Nov 2017 05:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	513000		
101	7.7		8.8	13.2#
100	5.8		6.6	9.8#





#79

Pyrene

Concen: 38.451 ng/ul

RT: 19.63 min Scan# 2812

Delta R.T. 0.02 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Instrument :

BNA_M

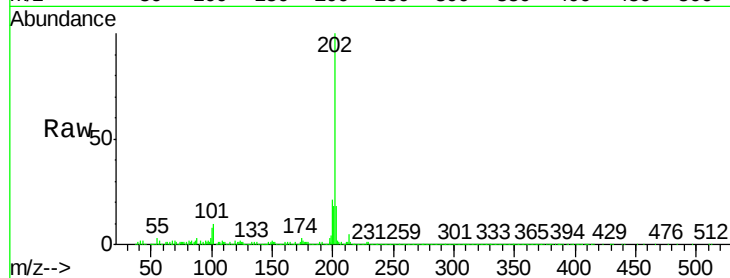
ClientSampleId :

B-19(0-1)-101117MSD

Tgt Ion:	202	Resp:	1458077
Ion Ratio	Lower	Upper	
202	100		
101	9.6	10.2	15.2#
100	8.0	8.5	12.7#

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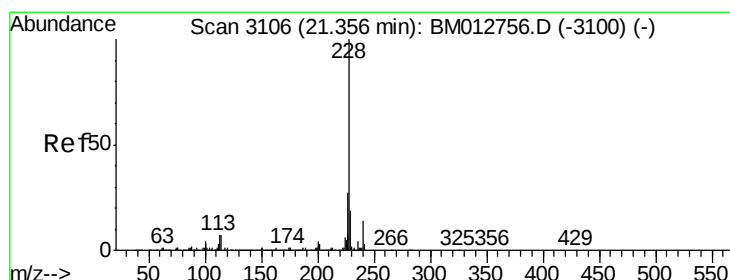
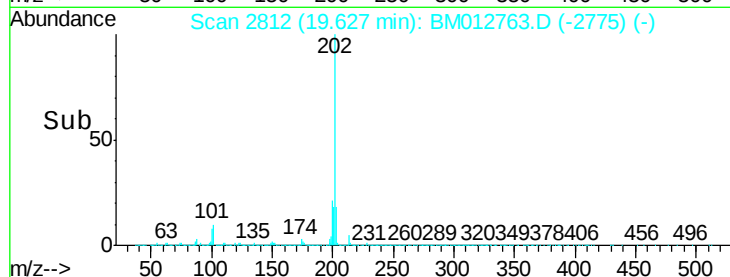
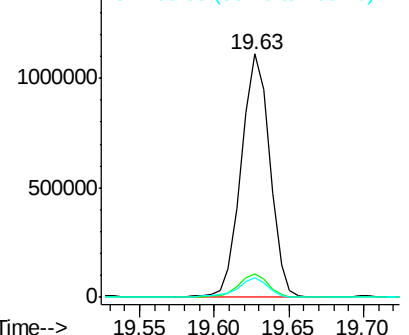
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 6.173 ng/ul

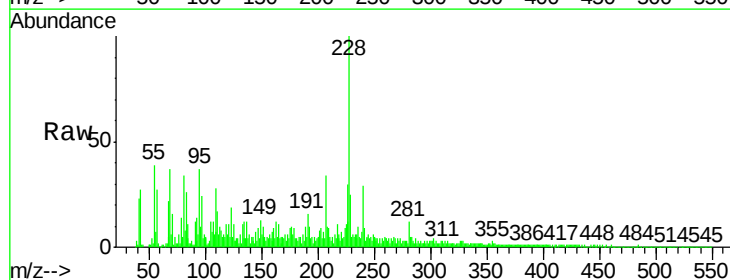
RT: 21.37 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

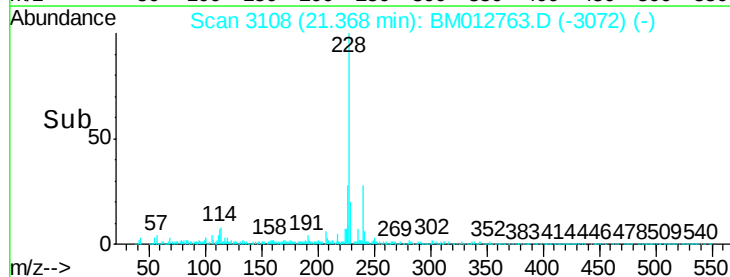
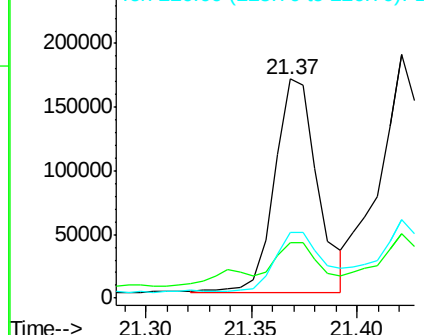
Tgt Ion:	228	Resp:	237396
Ion Ratio	Lower	Upper	
228	100		
229	25.1	15.7	23.5#
226	30.0	21.8	32.6

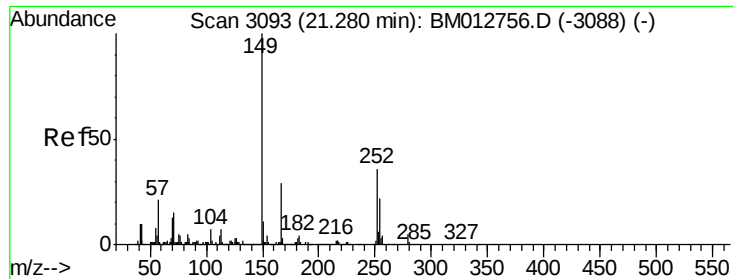


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





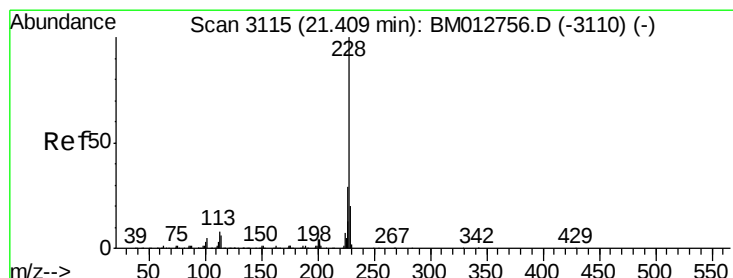
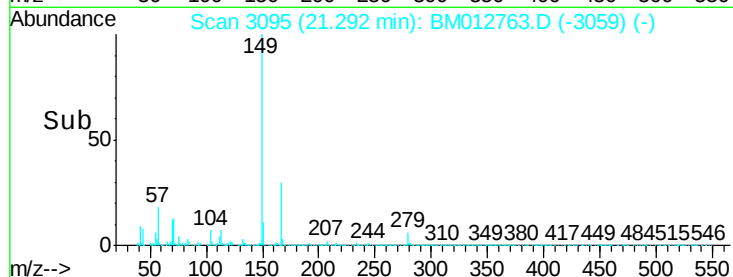
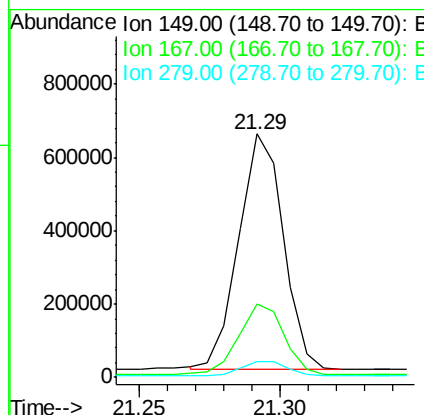
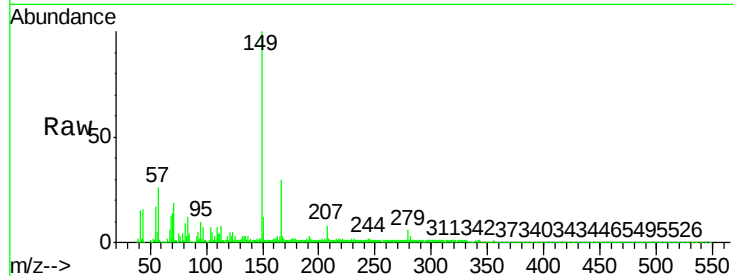
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.855 ng/ul
 RT: 21.29 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM012763.D
 Acq: 06 Nov 2017 05:47

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	21.6	32.4
279	6.4	3.0	4.4

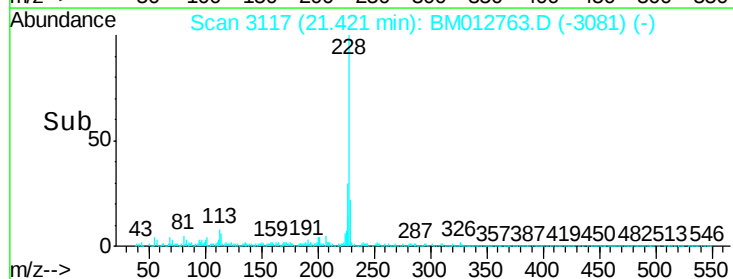
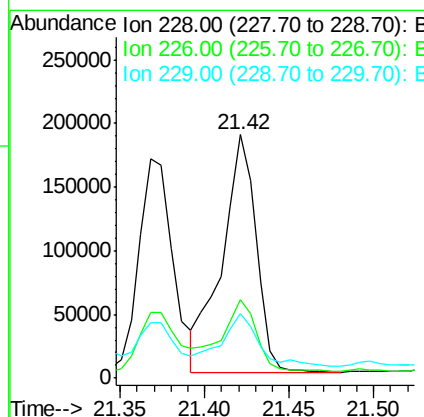
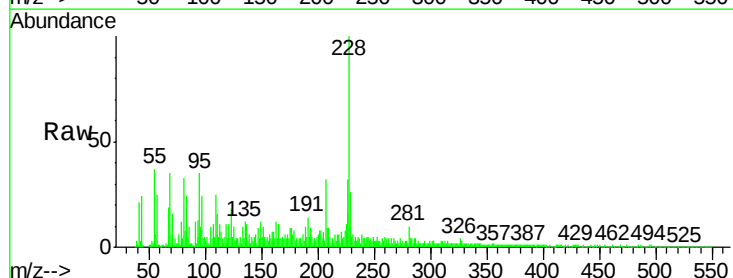
Manual Integrations
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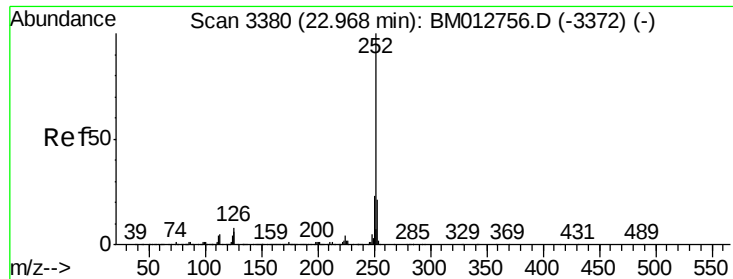
Sohil
 11/6/2017 4:29:05 PM



#84
 Chrysene
 Concen: 7.547 ng/ul
 RT: 21.42 min Scan# 3117
 Delta R.T. 0.01 min
 Lab File: BM012763.D
 Acq: 06 Nov 2017 05:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	26.2	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 10.103 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. 0.03 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Instrument :

BNA_M

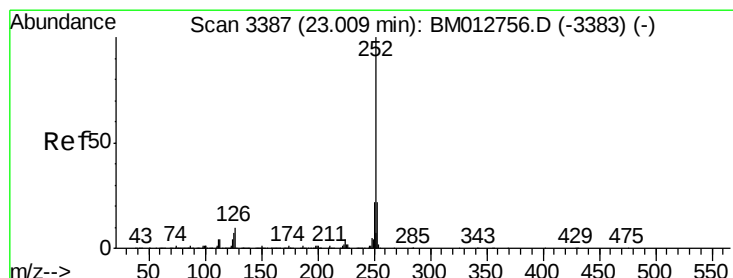
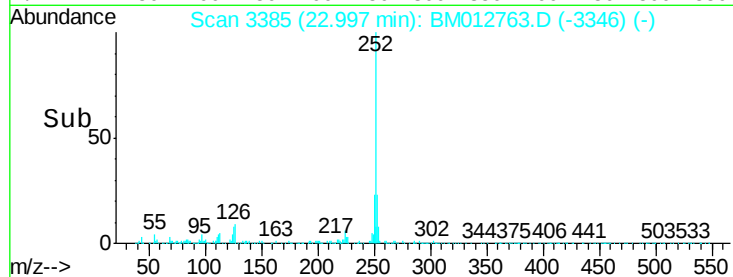
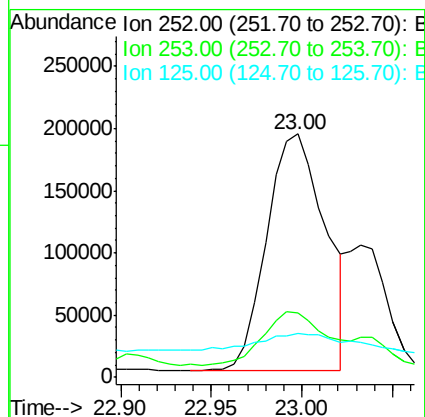
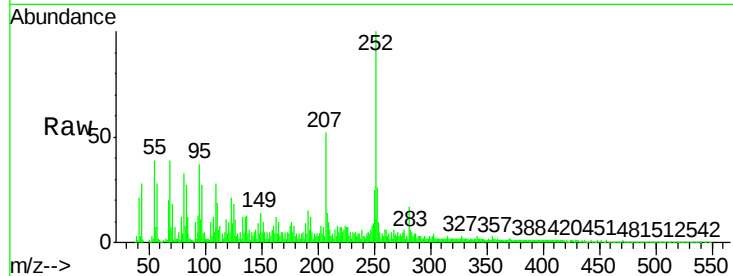
ClientSampleId :

B-19(0-1)-101117MSD

Tgt Ion:	252	Resp:	429162
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.5	26.3#
125	18.0	8.5	12.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.847 ng/ul m

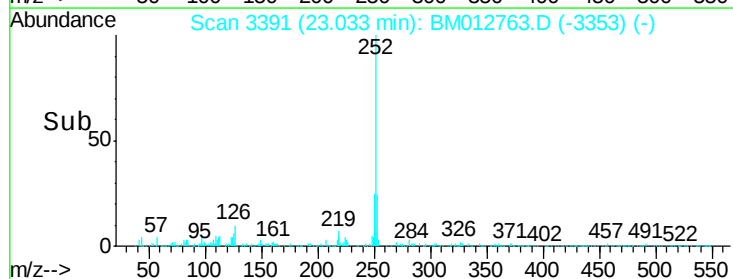
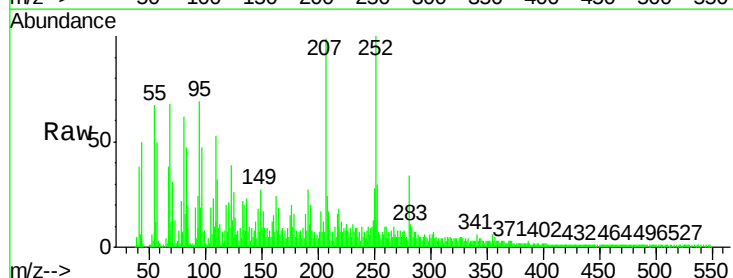
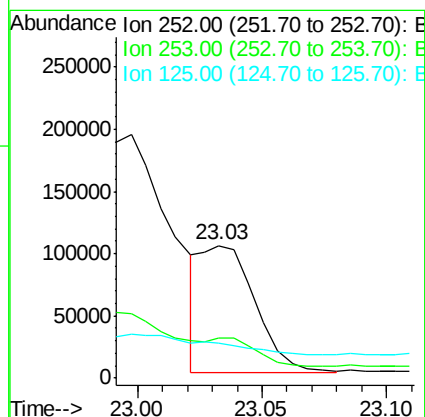
RT: 23.03 min Scan# 3391

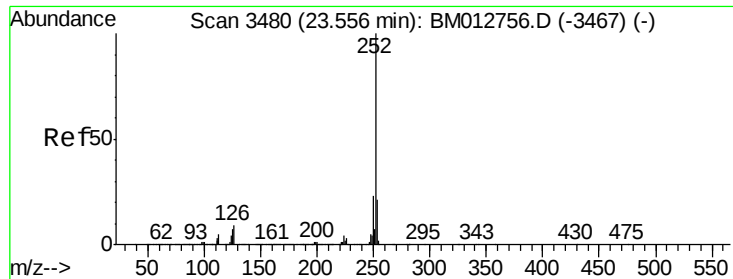
Delta R.T. 0.02 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Tgt Ion:	252	Resp:	155339
Ion Ratio	Lower	Upper	
252	100		
253	30.2	17.3	25.9#
125	26.0	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 6.799 ng/ul

RT: 23.59 min Scan# 3485

Delta R.T. 0.03 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Instrument :

BNA_M

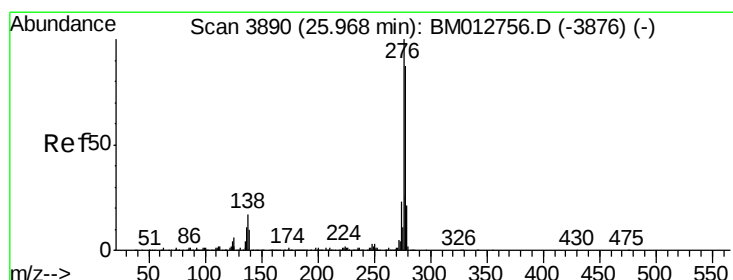
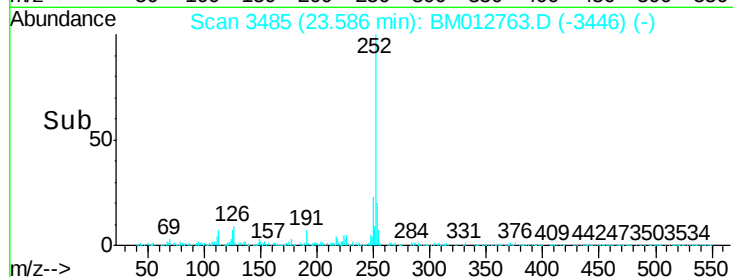
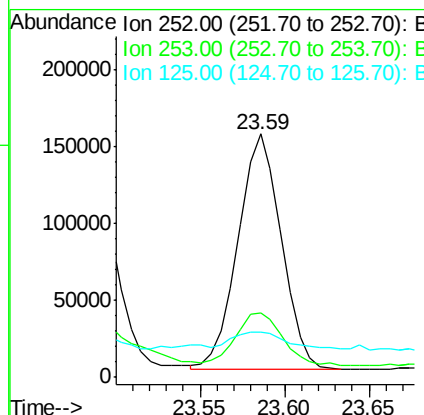
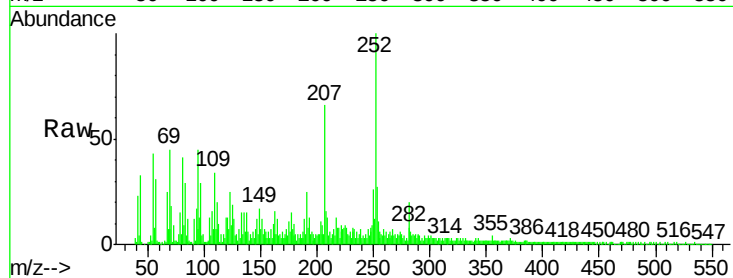
ClientSampleId :

B-19(0-1)-101117MSD

Tgt Ion:	252	Resp:	274804
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.2	25.8#
125	18.6	9.0	13.6#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 5.227 ng/ul

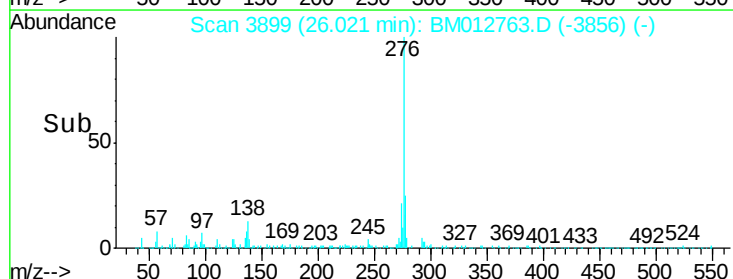
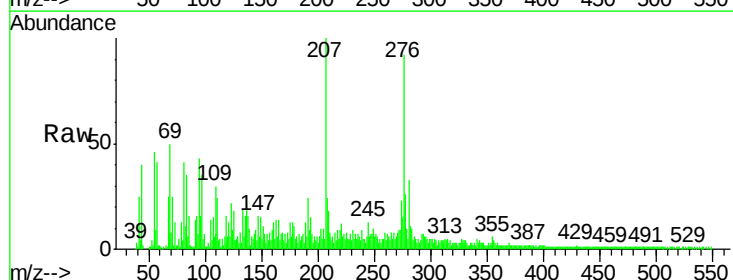
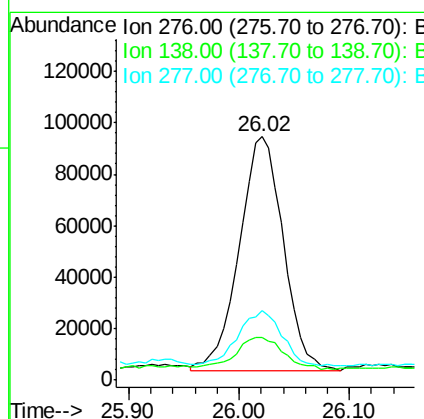
RT: 26.02 min Scan# 3899

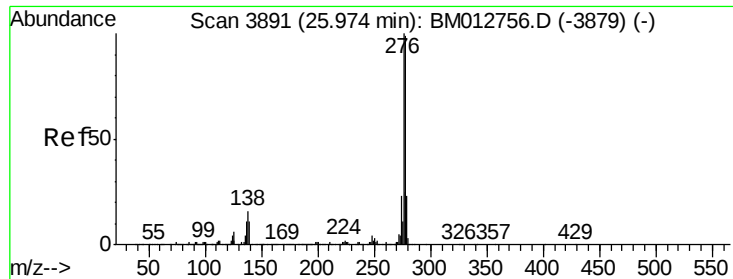
Delta R.T. 0.05 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Tgt Ion:	276	Resp:	254634
Ion Ratio	Lower	Upper	
276	100		
138	17.6	22.3	33.5#
277	28.7	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 1.518 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. 0.05 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Instrument :

BNA_M

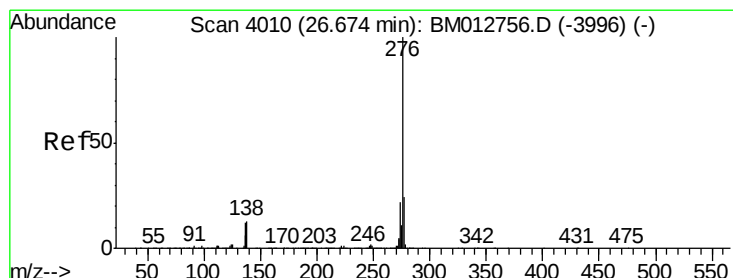
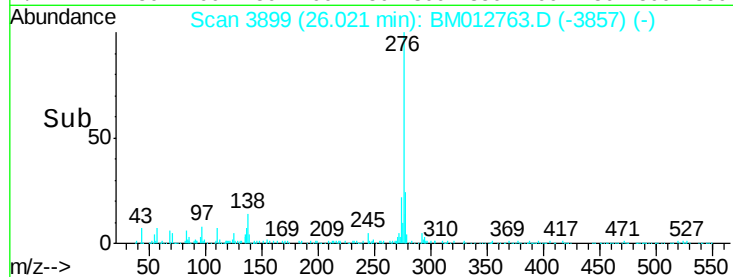
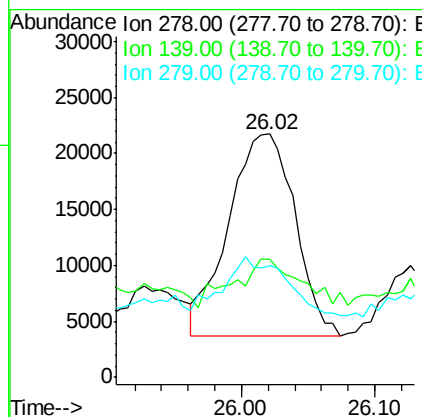
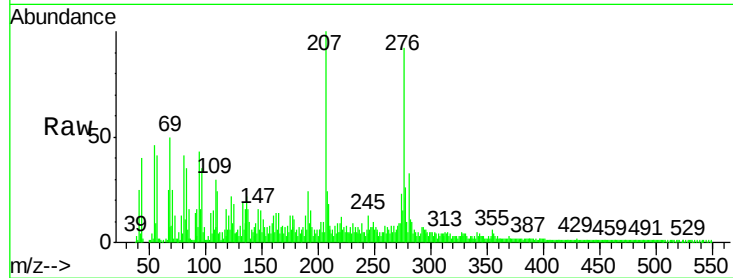
ClientSampleId :

B-19(0-1)-101117MSD

Tgt Ion:	278	Resp:	62603
Ion Ratio	Lower	Upper	
278	100		
139	48.7	13.9	20.9#
279	45.7	19.0	28.4#

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 5.961 ng/ul

RT: 26.74 min Scan# 4021

Delta R.T. 0.06 min

Lab File: BM012763.D

Acq: 06 Nov 2017 05:47

Tgt Ion:	276	Resp:	239279
Ion Ratio	Lower	Upper	
276	100		
138	17.7	18.9	28.3#
277	29.1	19.2	28.8#

