

Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:57 PM

Quant Time: Oct 19 15:27:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	325413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1413551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	895287	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1989201	20.00	ng/ul	0.01
75) Chrysene-d12	21.37	240	1717214	20.00	ng/ul	0.01
83) Perylene-d12	23.69	264	1816248	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	15887	2.32	ng/uL	0.00
5) Phenol-d5	6.96	99	374580	14.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	296916	18.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	352251	15.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	342479	15.07	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	190977	17.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	194901	15.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	361821	15.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	346609	15.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1223948	15.47	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1572865	16.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	69151m	5.81	ng/ul	0.04
57) Fluorene-d10	15.43	176	1097366	16.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	27438	2.01	ng/ul	0.02
70) Anthracene-d10	17.29	188	1657728	16.85	ng/ul	0.01
76) Pyrene-d10	19.59	212	1577203	18.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1448611	16.54	ng/ul	0.03

Target Compounds

					Qvalue
6) Phenol	6.99	94	93461	3.424	ng/ul# 75
16) 4-Methylphenol	8.57	108	117910	5.212	ng/ul 90
24) 2,4-Dimethylphenol	9.80	107	450718m	16.546	ng/ul
28) Naphthalene	10.63	128	504077	6.893	ng/ul# 95
34) 2-Methylnaphthalene	12.25	142	1032702	18.712	ng/ul 100
40) 1,1'-Biphenyl	13.27	154	115993	1.535	ng/ul 97
44) Dimethylphthalate	13.89	163	625505	7.890	ng/ul 99
47) Acenaphthylene	14.16	152	102075	1.085	ng/ul# 46
49) Acenaphthene	14.50	153	131236	2.071	ng/ul 91
58) Fluorene	15.49	166	202050	2.667	ng/ul# 95
69) Phenanthrene	17.23	178	1395461	12.332	ng/ul 96
71) Anthracene	17.33	178	264465m	2.257	ng/ul
74) Fluoranthene	19.25	202	1367270	10.012	ng/ul# 94
77) Pyrene	19.62	202	1388838	12.246	ng/ul# 92
80) Benzo(a)anthracene	21.36	228	693251	6.204	ng/ul# 91
81) Bis(2-ethylhexyl)phthalate	21.26	149	228568	3.017	ng/ul 98
82) Chrysene	21.41	228	714954	6.815	ng/ul# 91
85) Benzo(b)fluoranthene	22.99	252	1085250	9.156	ng/ul# 85
86) Benzo(k)fluoranthene	23.03	252	363616m	3.183	ng/ul
88) Benzo(a)pyrene	23.59	252	754133	6.751	ng/ul# 87
89) Indeno(1,2,3-cd)pyrene	26.03	276	669280	5.642	ng/ul# 95
90) Dibenzo(a,h)anthracene	26.03	278	174334	1.748	ng/ul# 63
91) Benzo(g,h,i)perylene	26.76	276	679163	6.990	ng/ul# 92

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101817\
Quantitation Report (LSC Reviewed)

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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

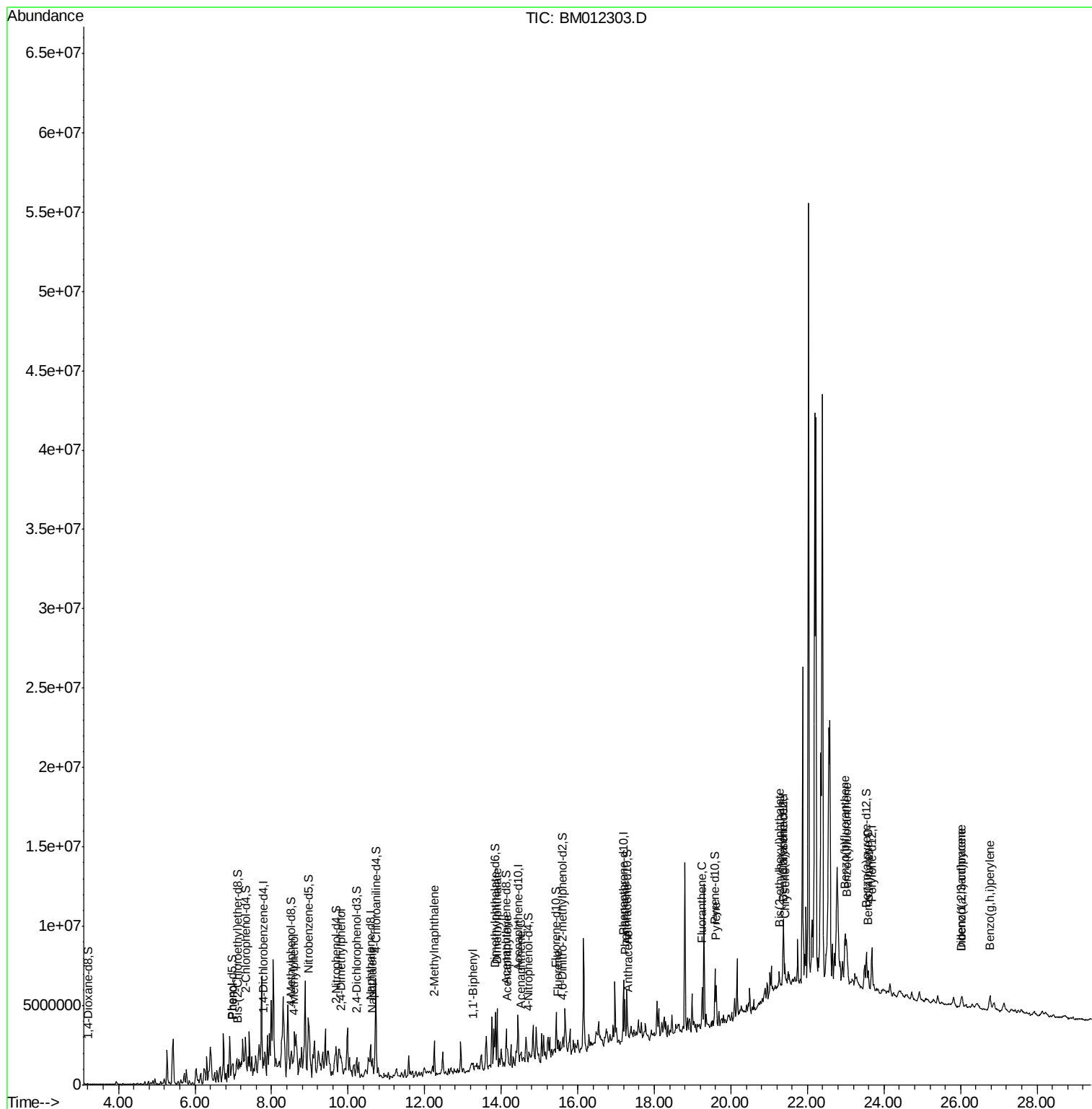
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Sample : I5747-07
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ALS Vial : 22 Sample Multiplier: 1

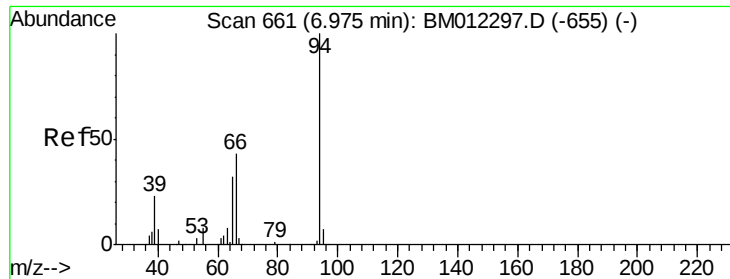
Instrument :
BNA_M
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B-34(0-1)-100617

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APPROVED

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#6

Phenol

Concen: 3.424 ng/ul

RT: 6.99 min Scan# 664

Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

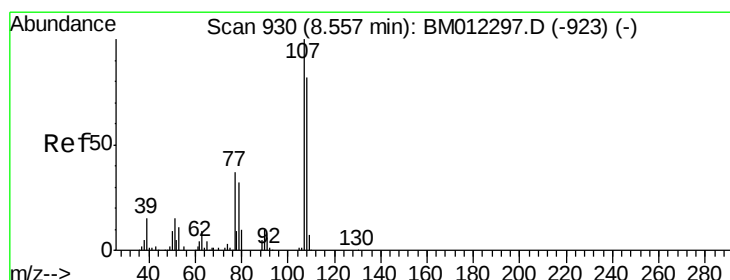
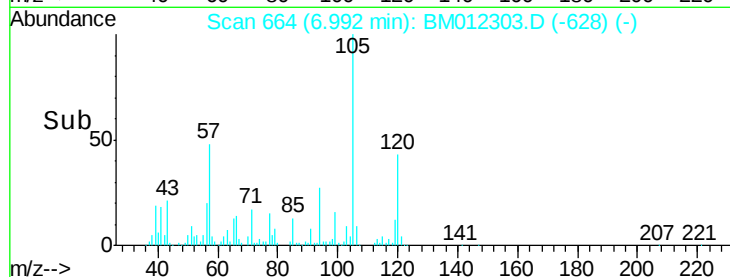
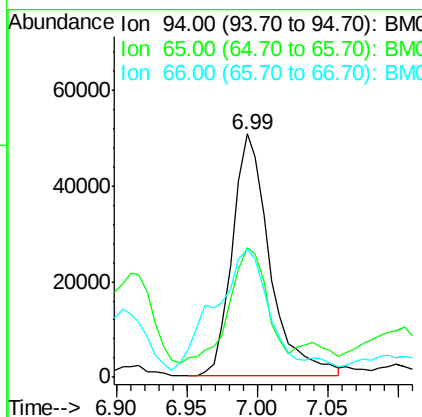
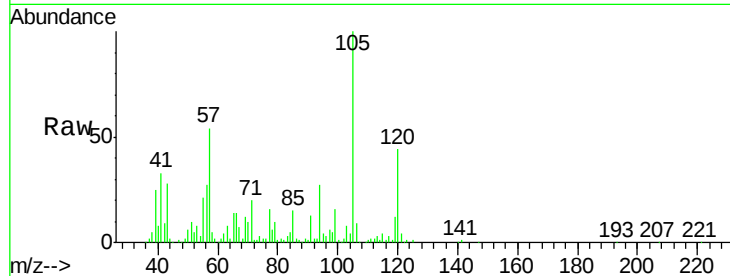
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	94	Resp:	93461
Ion Ratio	Lower	Upper	
94	100		
65	53.3	24.4	36.6#
66	52.6	35.0	52.4#

Manual Integrations
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#16

4-Methylphenol

Concen: 5.212 ng/ul

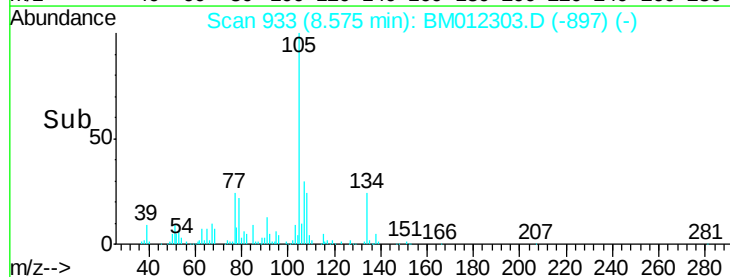
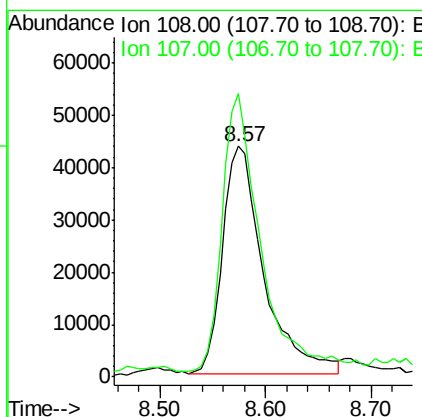
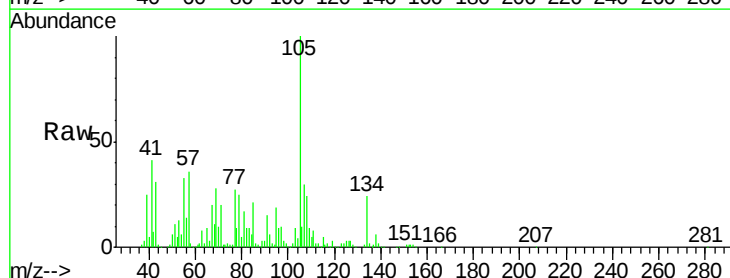
RT: 8.57 min Scan# 933

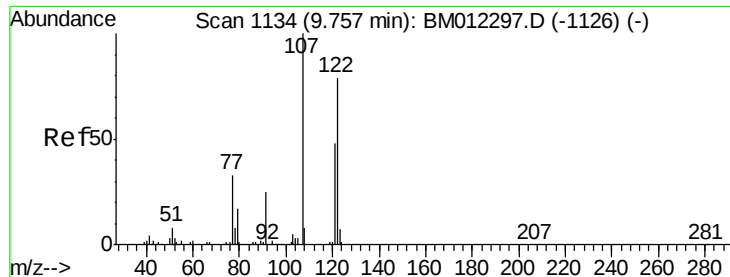
Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Tgt Ion:	108	Resp:	117910
Ion Ratio	Lower	Upper	
108	100		
107	122.8	90.1	135.1





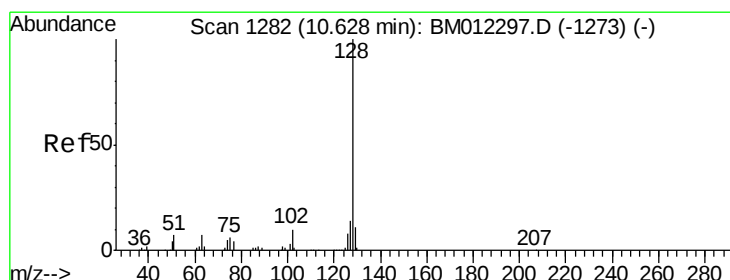
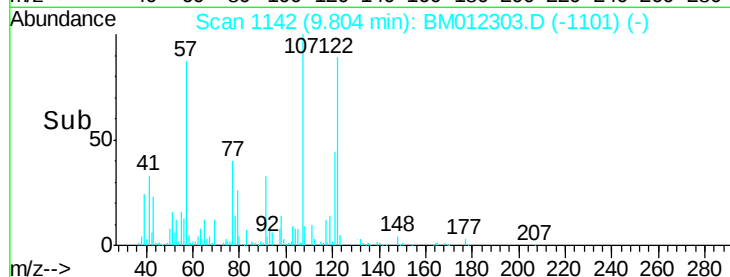
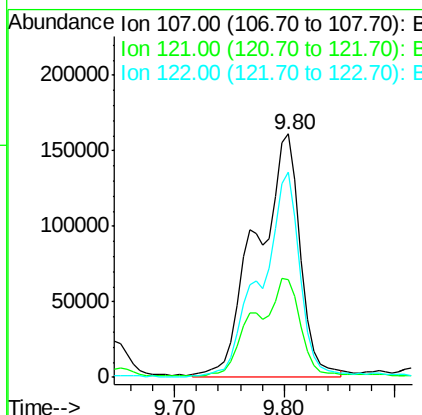
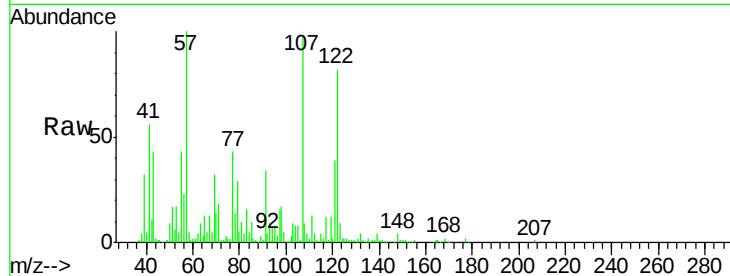
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2,4-Dimethylphenol
Concen: 16.546 ng/ul m
RT: 9.80 min Scan# 1142
Delta R.T. 0.04 min
Lab File: BM012303.D
Acq: 19 Oct 2017 05:37

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BNA_M
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B-34(0-1)-100617

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	450718		
121	40.3	39.8	59.8	
122	84.1	64.4	96.6	

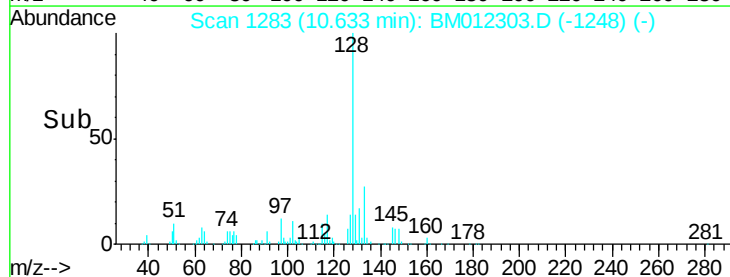
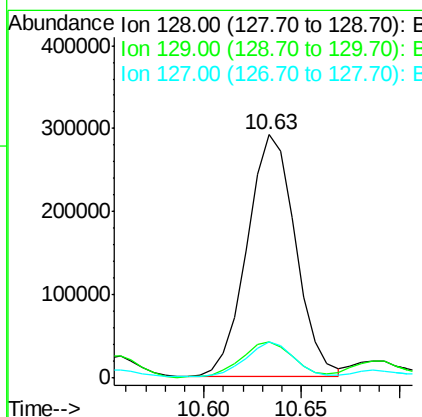
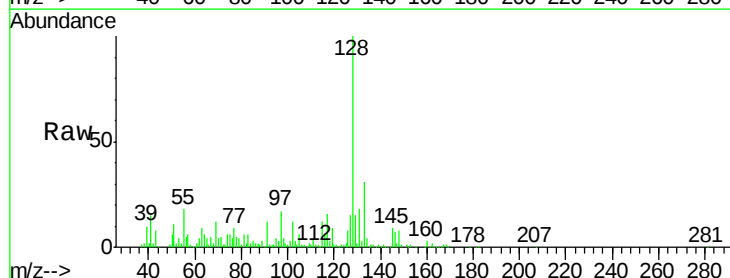
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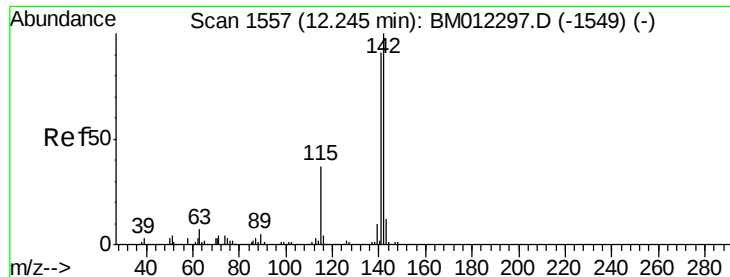
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#28
Naphthalene
Concen: 6.893 ng/ul
RT: 10.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM012303.D
Acq: 19 Oct 2017 05:37

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	504077		
129	14.7	9.2	13.8#	
127	14.9	11.4	17.0	





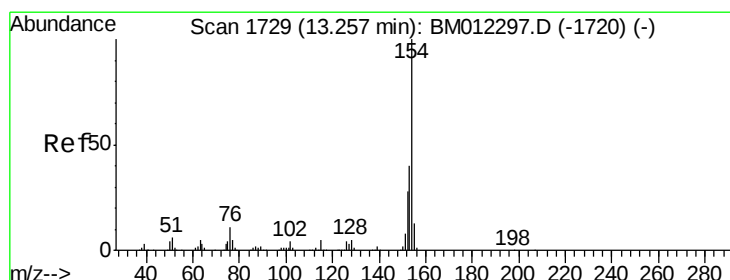
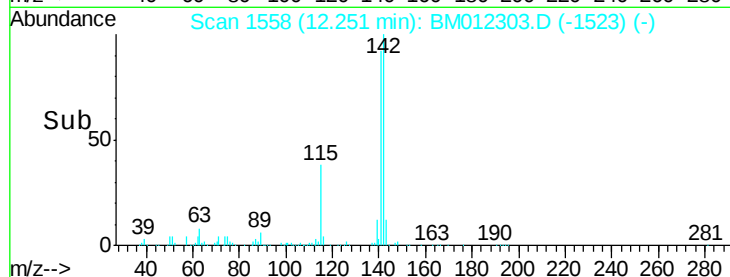
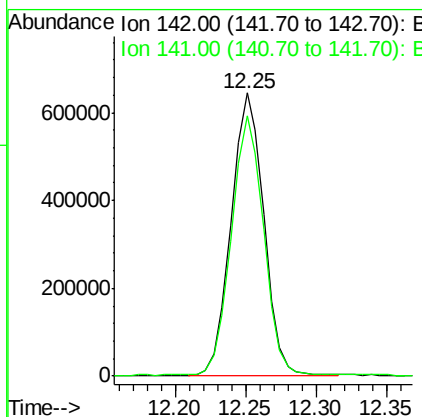
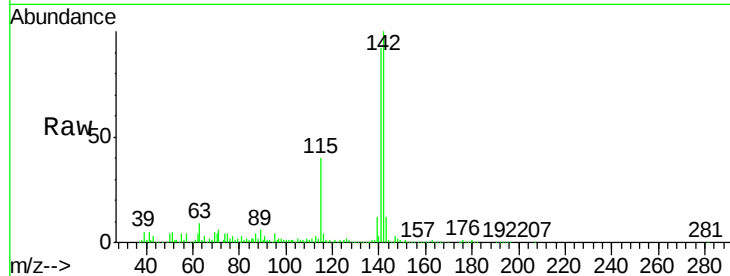
#34
 2-Methylnaphthalene
 Concen: 18.712 ng/ul
 RT: 12.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BM012303.D
 Acq: 19 Oct 2017 05:37

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 B-34(0-1)-100617

Tgt Ion:142 Resp: 1032702
 Ion Ratio Lower Upper
 142 100
 141 92.0 73.6 110.4

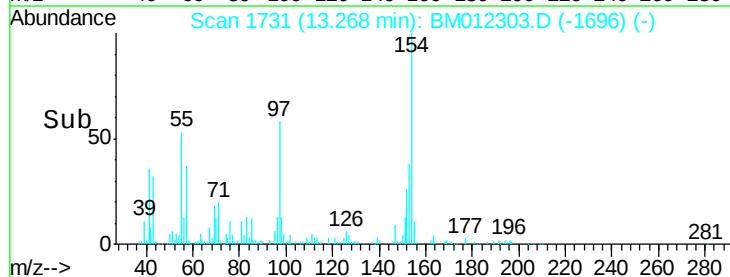
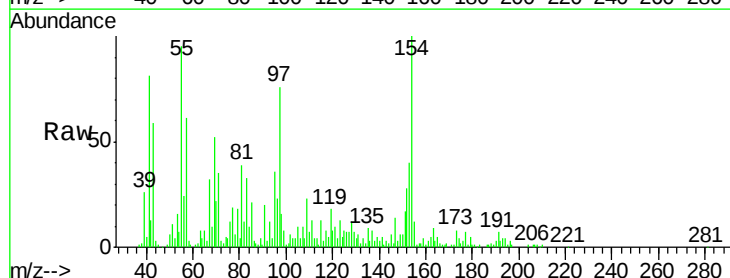
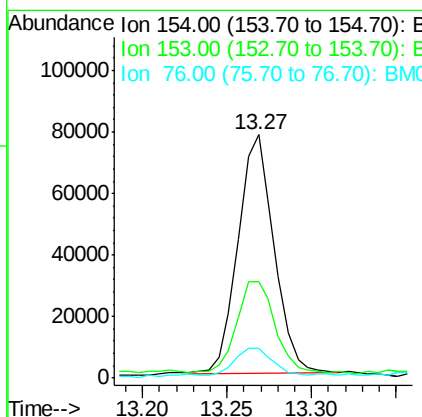
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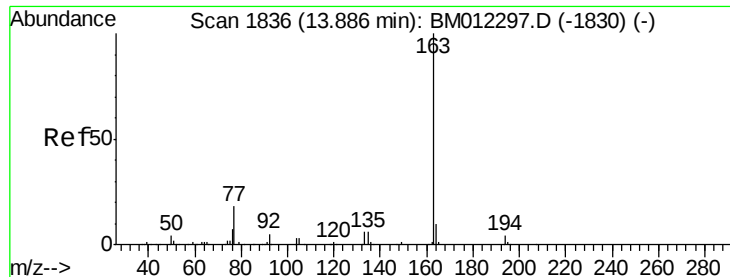
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#40
 1,1'-Biphenyl
 Concen: 1.535 ng/ul
 RT: 13.27 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BM012303.D
 Acq: 19 Oct 2017 05:37

Tgt Ion:154 Resp: 115993
 Ion Ratio Lower Upper
 154 100
 153 39.7 33.0 49.4
 76 12.2 8.2 12.4





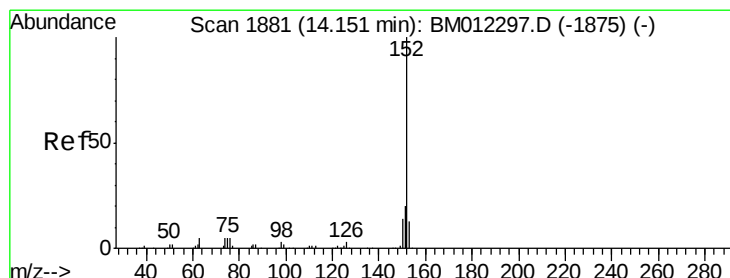
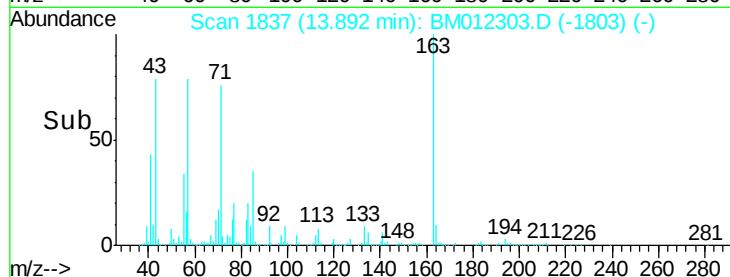
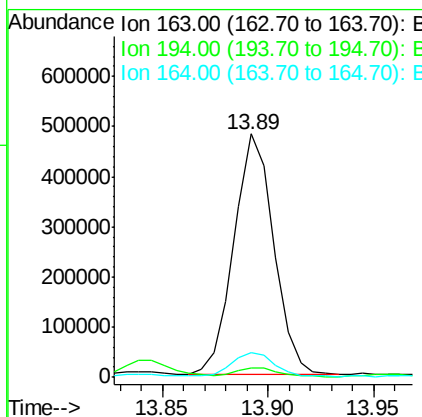
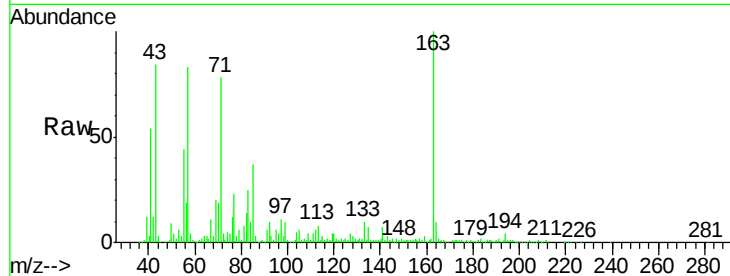
#44
Dimethylphthalate
Concen: 7.890 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM012303.D
Acq: 19 Oct 2017 05:37

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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	625505		
194	4.0	3.7	5.5	
164	10.0	8.1	12.1	

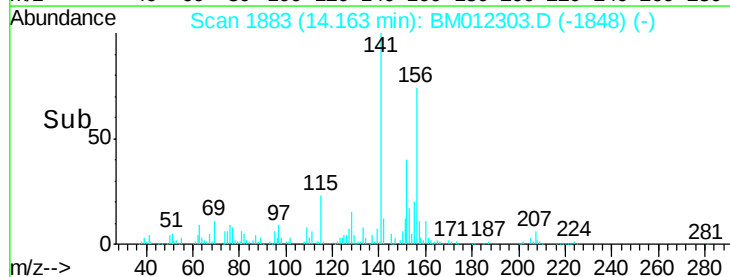
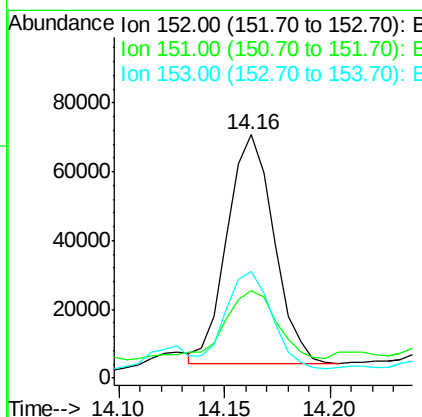
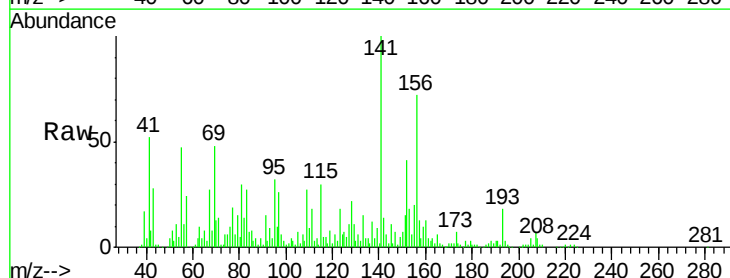
Manual Integrations
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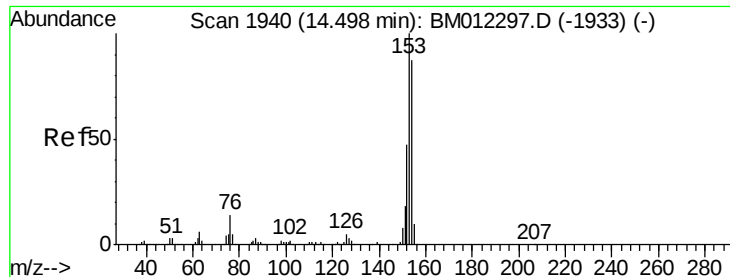
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#47
Acenaphthylene
Concen: 1.085 ng/ul
RT: 14.16 min Scan# 1883
Delta R.T. 0.01 min
Lab File: BM012303.D
Acq: 19 Oct 2017 05:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	102075		
151	36.1	15.3	22.9#	
153	43.7	10.4	15.6#	





#49

Acenaphthene

Concen: 2.071 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

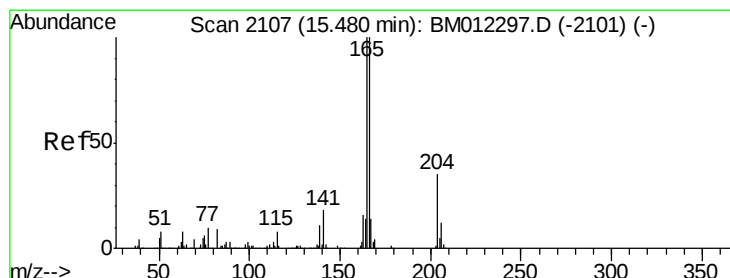
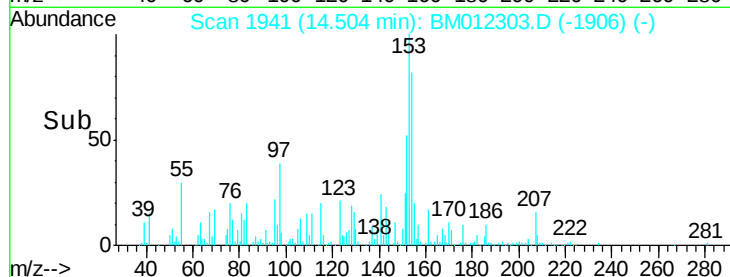
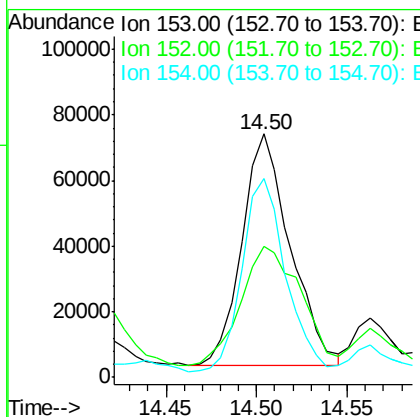
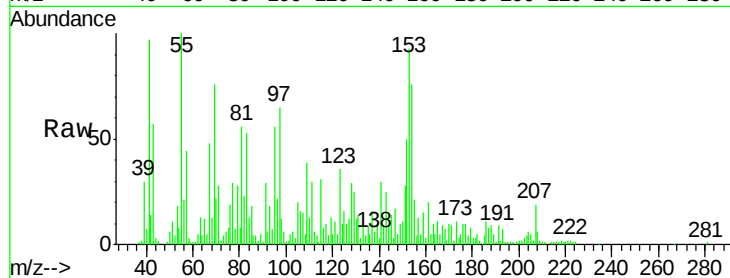
ClientSampleId :

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Tgt Ion:	153	Resp:	131236
Ion Ratio		Lower	Upper
153	100		
152	53.8	37.4	56.0
154	81.6	71.1	106.7

Manual Integrations
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#58

Fluorene

Concen: 2.667 ng/ul

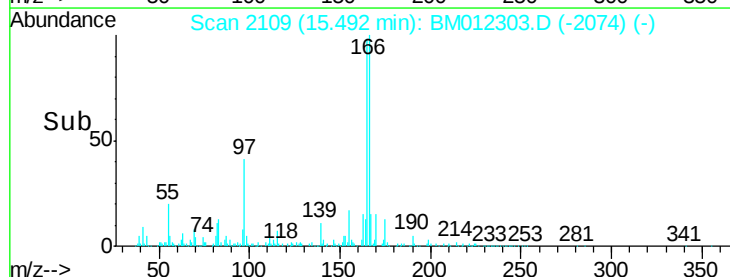
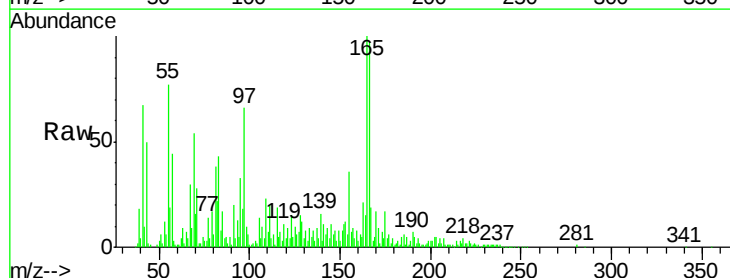
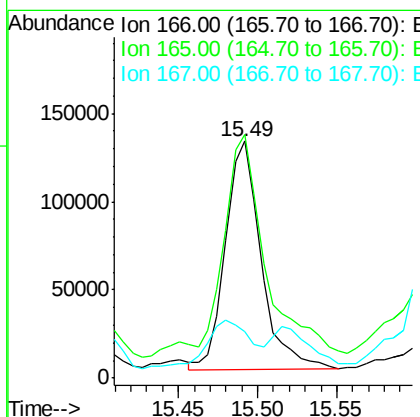
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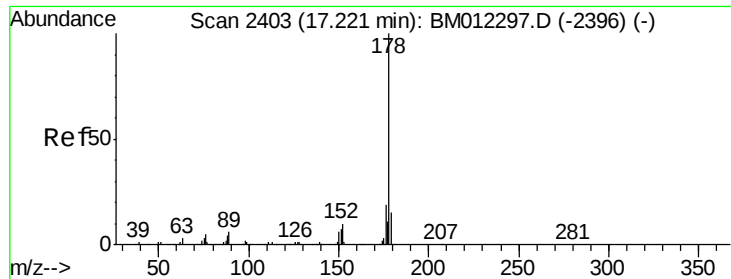
Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Tgt Ion:	166	Resp:	202050
Ion Ratio		Lower	Upper
166	100		
165	102.7	79.0	118.6
167	19.5	10.8	16.2#





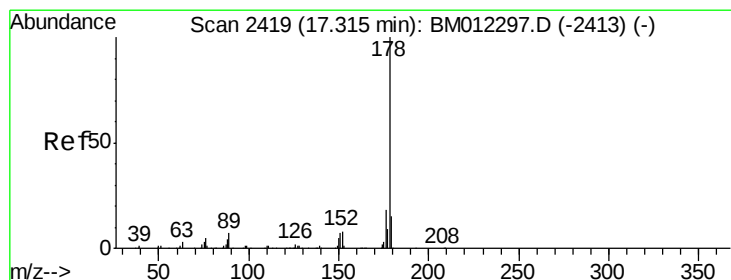
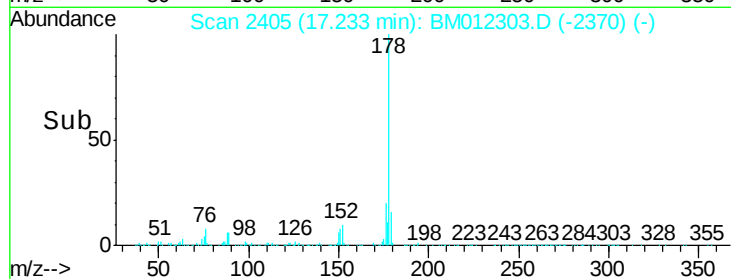
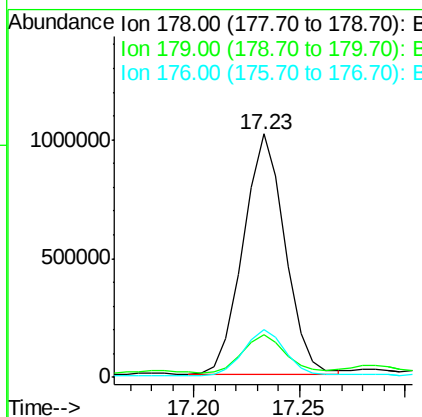
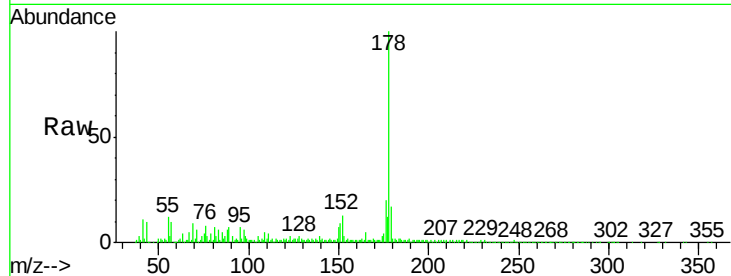
#69
Phenanthrene
Concen: 12.332 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM012303.D
Acq: 19 Oct 2017 05:37

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.0	18.0
176	19.8	15.0	22.6

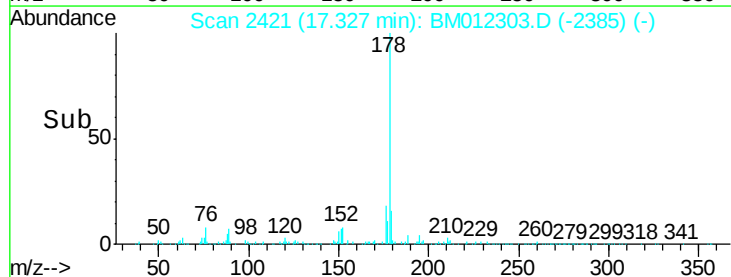
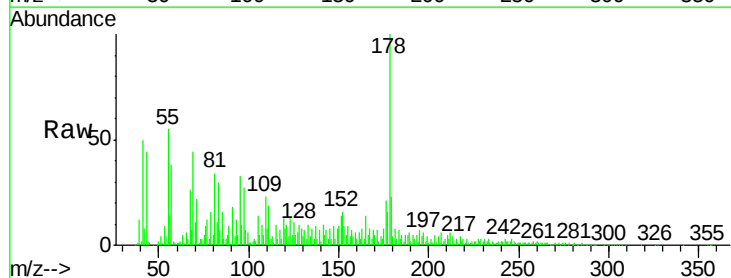
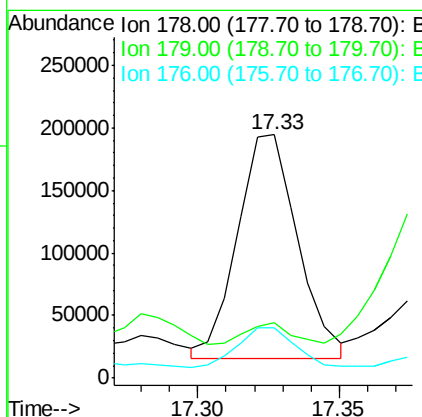
Manual Integrations
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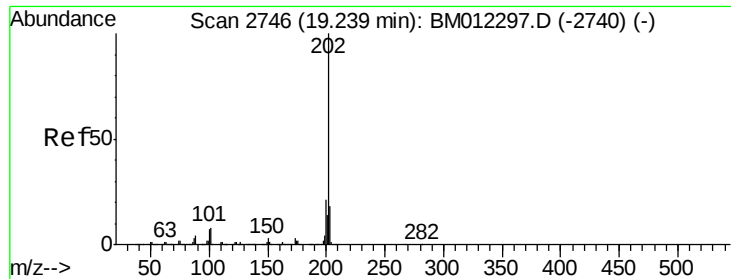
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#71
Anthracene
Concen: 2.257 ng/ul m
RT: 17.33 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM012303.D
Acq: 19 Oct 2017 05:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.9	12.2	18.4#
176	20.7	14.7	22.1





#74

Fluoranthene

Concen: 10.012 ng/ul

RT: 19.25 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

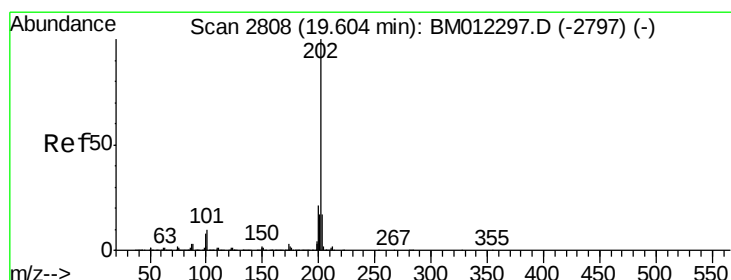
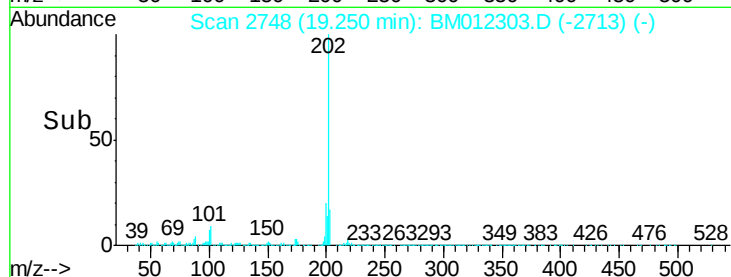
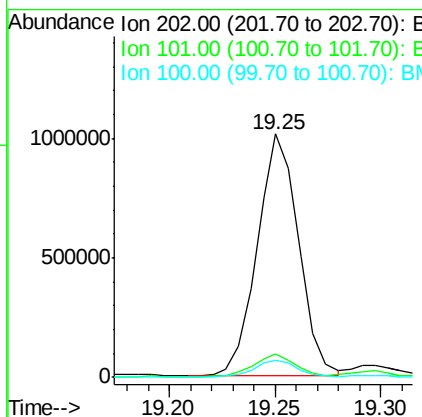
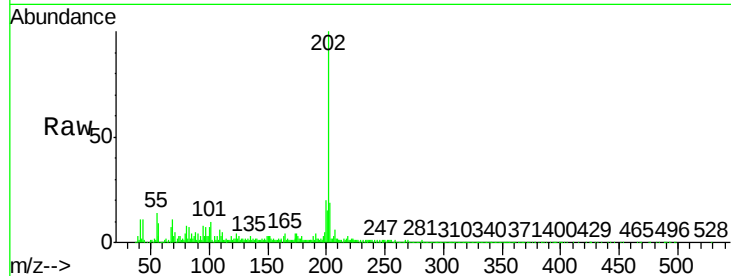
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	202	Resp:	1367270
Ion Ratio	Lower	Upper	
202	100		
101	9.7	5.8	8.6#
100	7.0	4.3	6.5#

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#77

Pyrene

Concen: 12.246 ng/ul

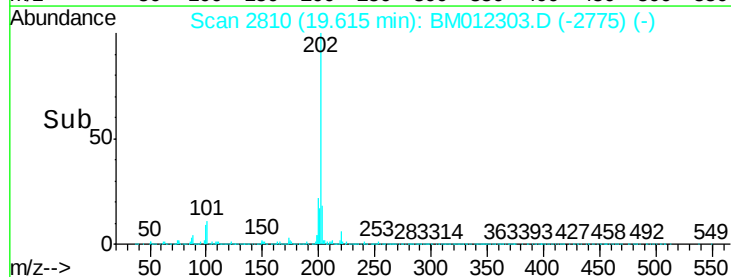
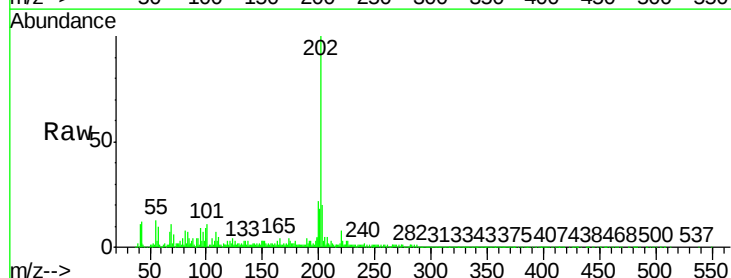
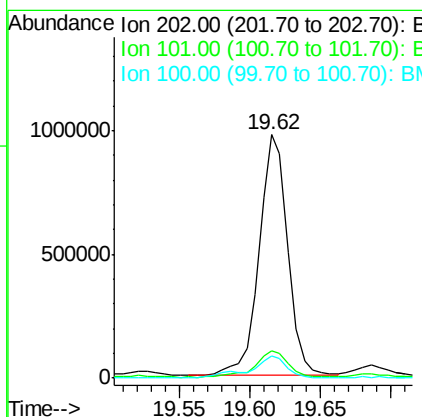
RT: 19.62 min Scan# 2810

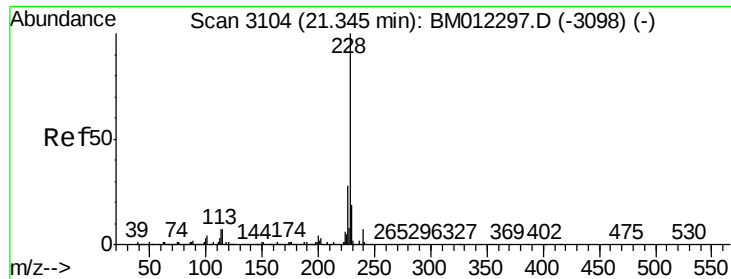
Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Tgt Ion:	202	Resp:	1388838
Ion Ratio	Lower	Upper	
202	100		
101	11.1	6.5	9.7#
100	9.2	5.6	8.4#





#80

Benzo(a)anthracene

Concen: 6.204 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

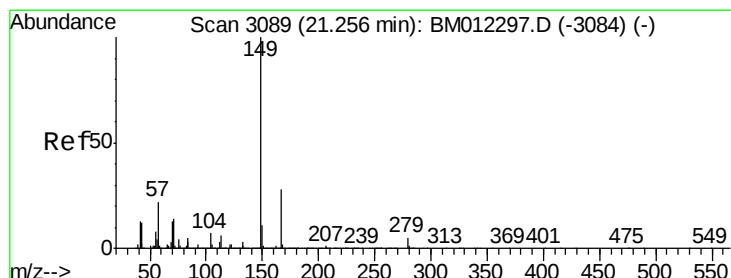
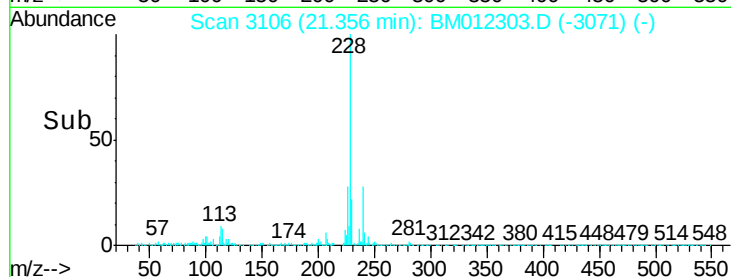
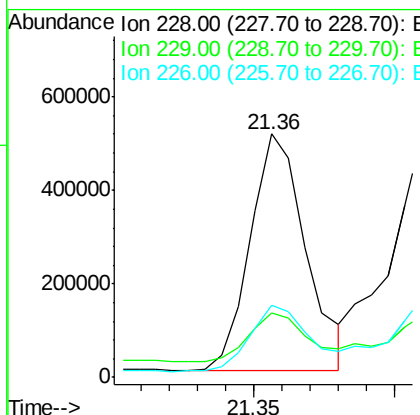
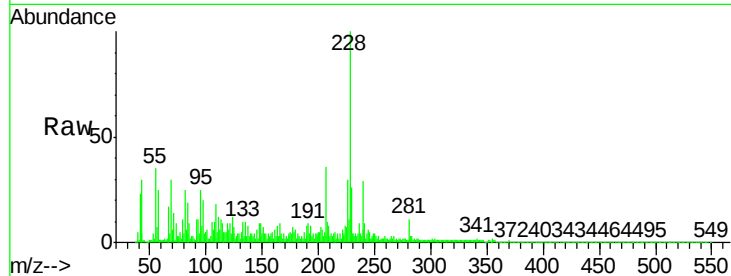
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	228	Resp:	693251
Ion Ratio	Lower	Upper	
228	100		
229	26.4	15.8	23.8#
226	29.6	21.4	32.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 3.017 ng/ul

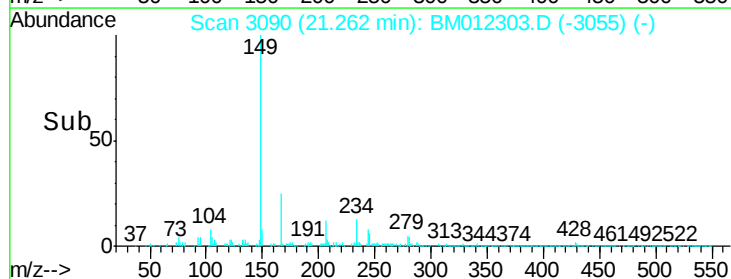
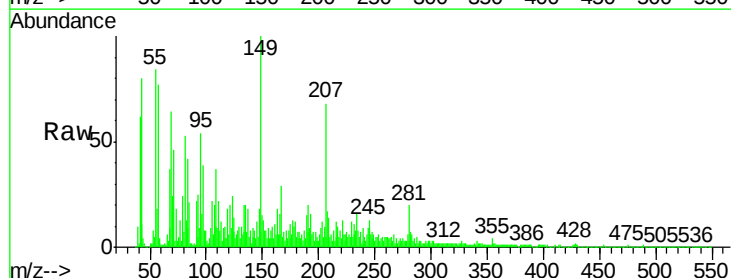
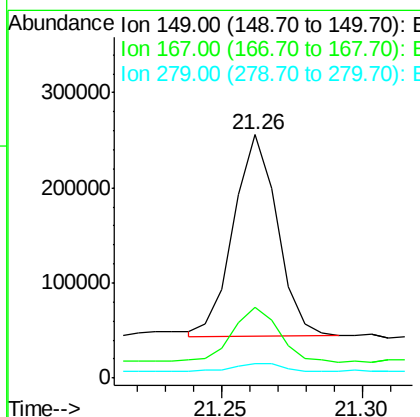
RT: 21.26 min Scan# 3090

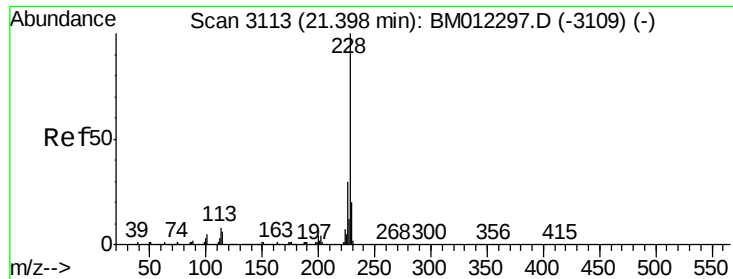
Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Tgt Ion:	149	Resp:	228568
Ion Ratio	Lower	Upper	
149	100		
167	29.3	22.5	33.7
279	6.1	4.4	6.6





#82

Chrysene

Concen: 6.815 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

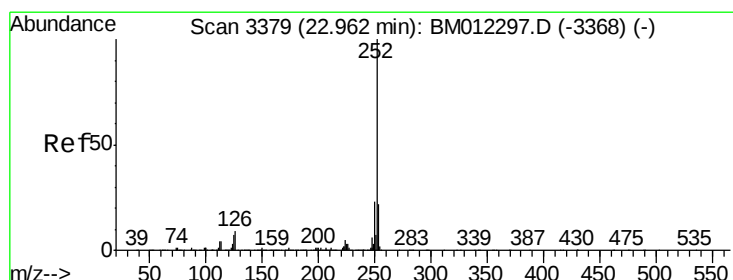
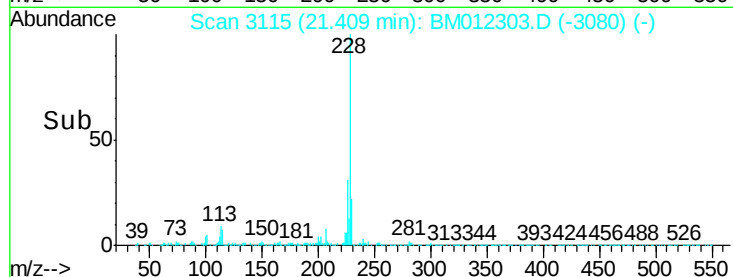
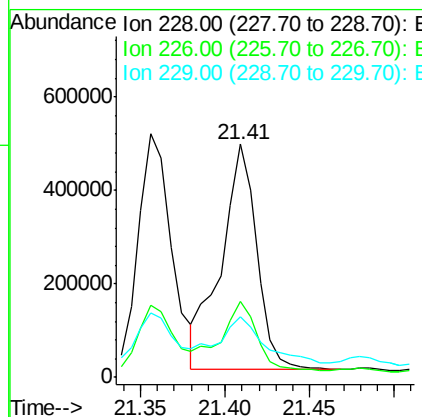
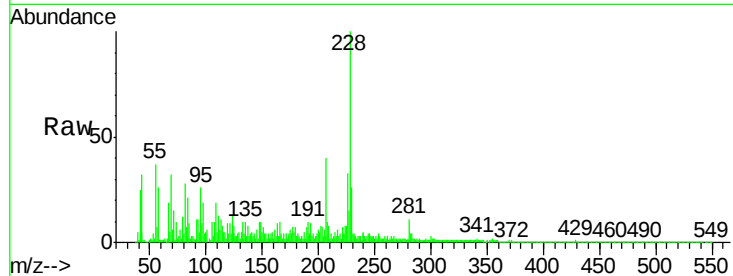
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	228	Resp:	714954
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.0	36.0
229	26.1	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 9.156 ng/ul

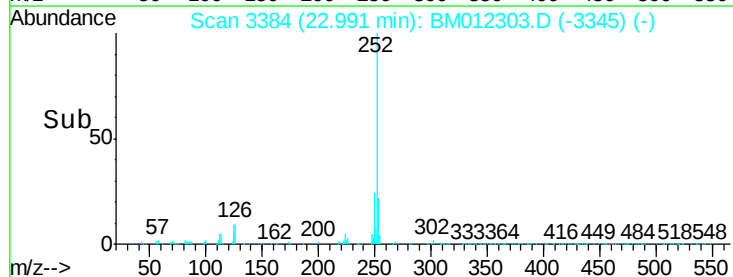
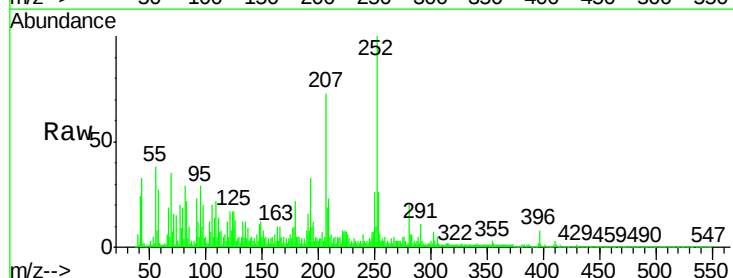
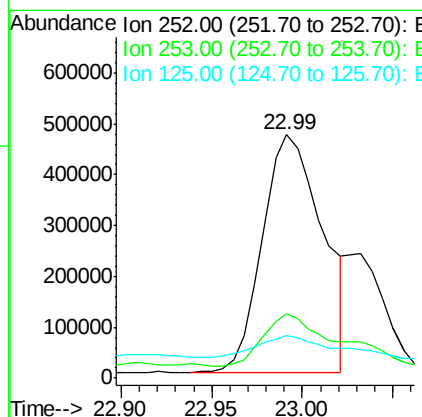
RT: 22.99 min Scan# 3384

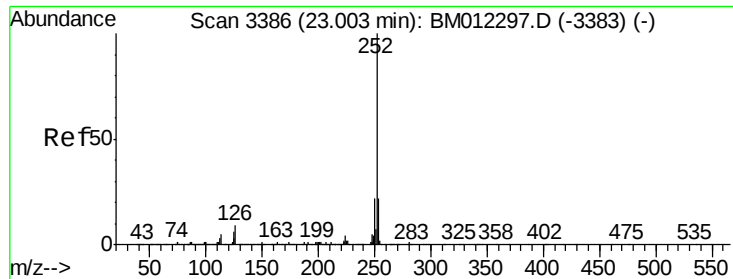
Delta R.T. 0.03 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Tgt Ion:	252	Resp:	1085250
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.4	26.2#
125	17.3	5.1	7.7#





#86

Benzo(k)fluoranthene

Concen: 3.183 ng/ul m

RT: 23.03 min Scan# 3391

Delta R.T. 0.02 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

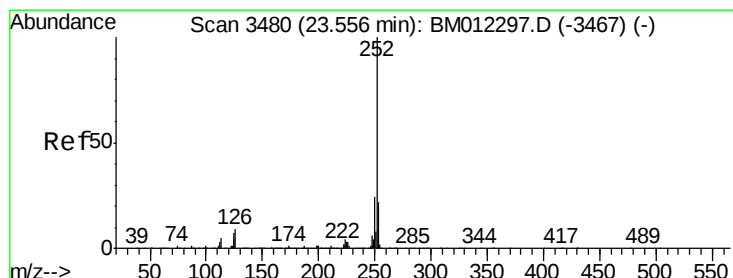
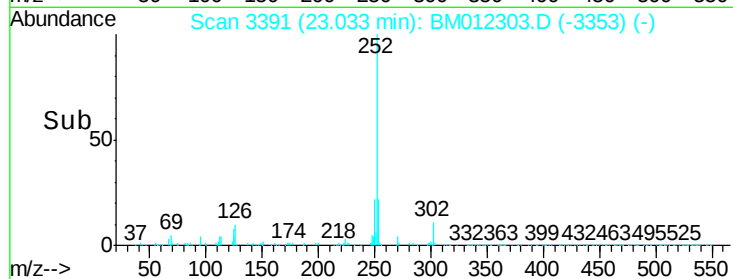
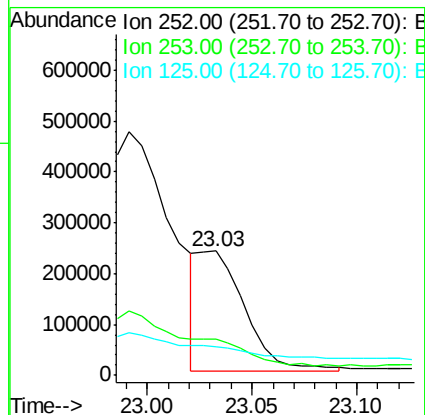
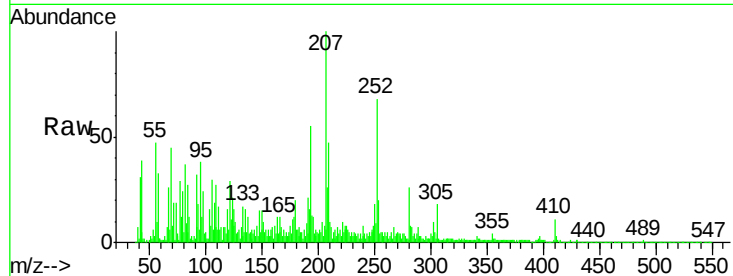
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	252	Resp:	363616
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.8	26.6#
125	23.4	4.9	7.3#

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#88

Benzo(a)pyrene

Concen: 6.751 ng/ul

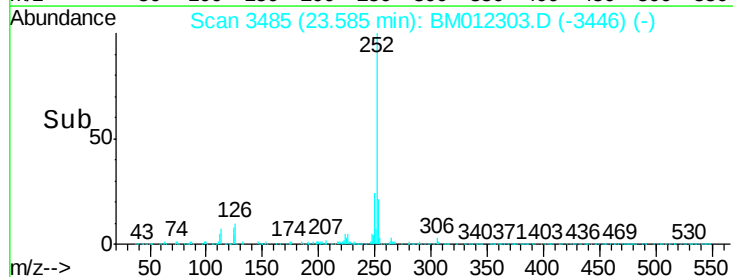
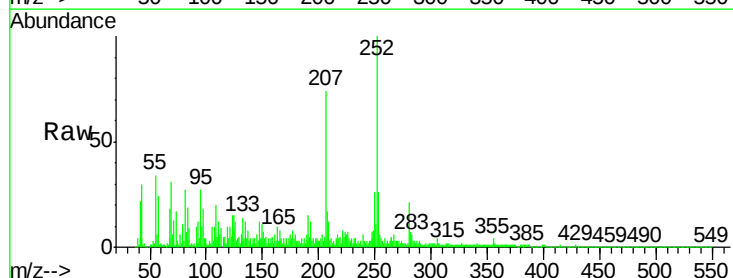
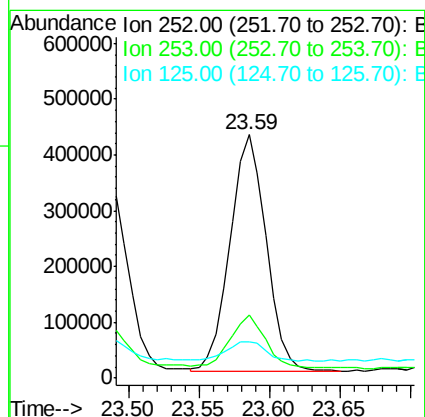
RT: 23.59 min Scan# 3485

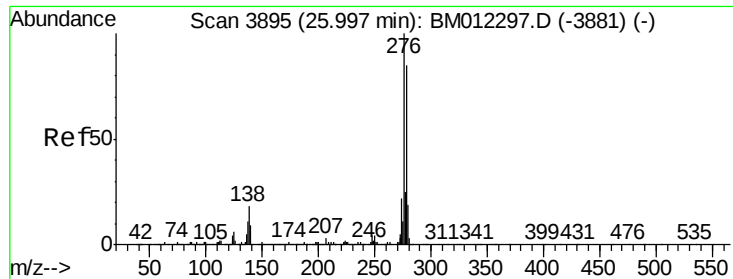
Delta R.T. 0.03 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Tgt Ion:	252	Resp:	754133
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.1	25.7#
125	15.1	5.2	7.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 5.642 ng/ul

RT: 26.03 min Scan# 3901

Delta R.T. 0.03 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

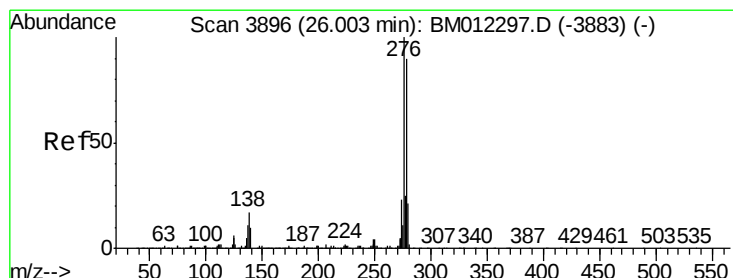
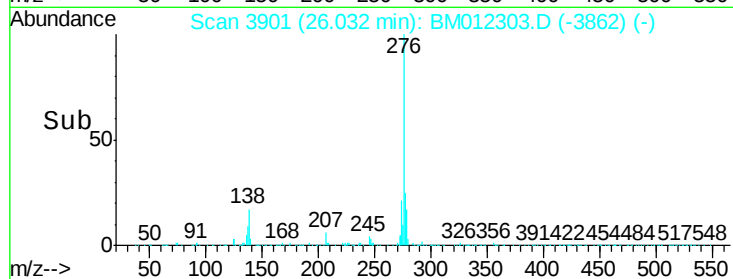
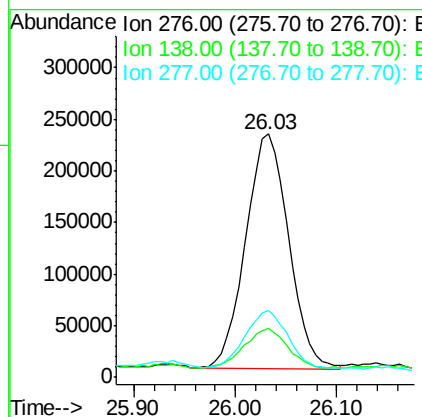
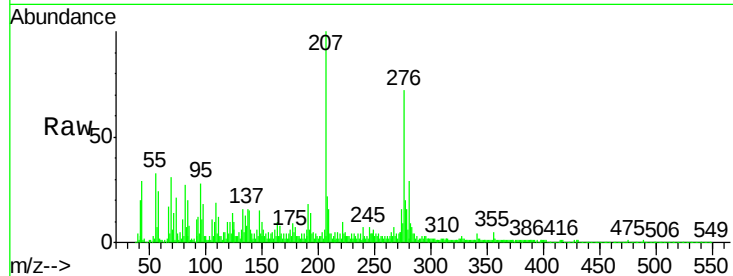
ClientSampleId :

B-34(0-1)-100617

Tgt Ion:	276	Resp:	669280
Ion Ratio		Lower	Upper
276	100		
138	20.2	13.2	19.8#
277	27.5	20.6	31.0

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#90

Dibenzo(a,h)anthracene

Concen: 1.748 ng/ul

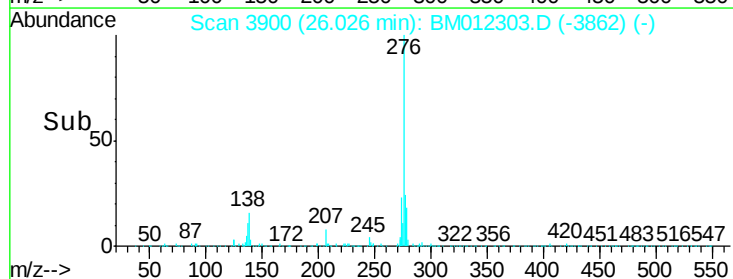
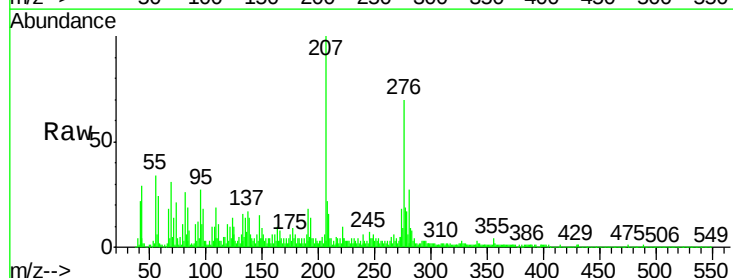
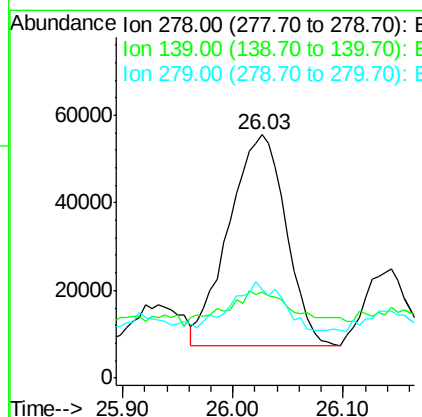
RT: 26.03 min Scan# 3900

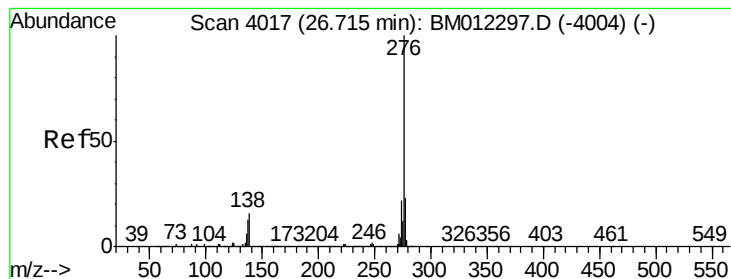
Delta R.T. 0.02 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Tgt Ion:	278	Resp:	174334
Ion Ratio		Lower	Upper
278	100		
139	35.3	8.3	12.5#
279	36.2	19.3	28.9#





#91

Benzo(g,h,i)perylene

Concen: 6.990 ng/ul

RT: 26.76 min Scan# 4025

Delta R.T. 0.04 min

Lab File: BM012303.D

Acq: 19 Oct 2017 05:37

Instrument :

BNA_M

ClientSampleId :

B-34(0-1)-100617

Tgt	Ion	276	Resp	679163
	Ratio	100	Lower	Upper
	276	100		
	138	19.0	10.7	16.1#
	277	26.3	19.0	28.4

Manual Integrations
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