

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012774.D
 Acq On : 06 Nov 2017 13:11
 Operator : SJ/JU
 Sample : I5825-02DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-63(0-1)-101117DL

Manual Integrations
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Quant Time: Nov 07 04:42:18 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	7.81	152	94811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	414513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	277988	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	667083m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	649780	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	568995	20.00	ng/ul	0.00

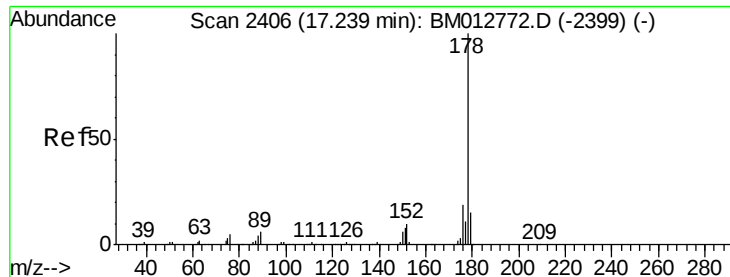
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1228	0.70	ng/uL	0.00
5) Phenol-d5	6.99	99	30805	4.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	18207	4.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	27699	4.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	27513	4.52	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	13833	4.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	16209	4.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	33216	4.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	4288	0.62	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	117145	5.09	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	139559	4.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	10289	2.79	ng/ul	0.02
57) Fluorene-d10	15.44	176	104037	5.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	11455	2.60	ng/ul	0.00
70) Anthracene-d10	17.29	188	162921	5.05	ng/ul	0.00
78) Pyrene-d10	19.59	212	182560	6.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	139080	5.17	ng/ul	0.00

Target Compounds

					Qvalue
69) Phenanthrene	17.23	178	218120m	5.982	ng/ul
71) Anthracene	17.33	178	48859	1.292	ng/ul 97
75) Di-n-butylphthalate	18.16	149	890896	24.114	ng/ul 100
76) Fluoranthene	19.25	202	519507	11.857	ng/ul# 94
79) Pyrene	19.62	202	437714	11.291	ng/ul# 91
80) Butylbenzylphthalate	20.51	149	33795	2.390	ng/ul# 93
82) Benzo(a)anthracene	21.36	228	224628	5.713	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.28	149	43560	2.115	ng/ul# 94
84) Chrysene	21.41	228	210071	5.895	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	292880	8.423	ng/ul 96
88) Benzo(k)fluoranthene	23.01	252	96403m	2.917	ng/ul
90) Benzo(a)pyrene	23.56	252	197971m	5.983	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.98	276	142454	3.572	ng/ul# 87
92) Dibenzo(a,h)anthracene	25.98	278	35176	1.042	ng/ul# 87
93) Benzo(g,h,i)perylene	26.69	276	130478	3.971	ng/ul# 90

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



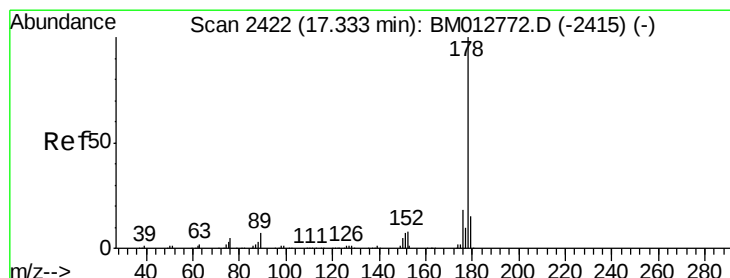
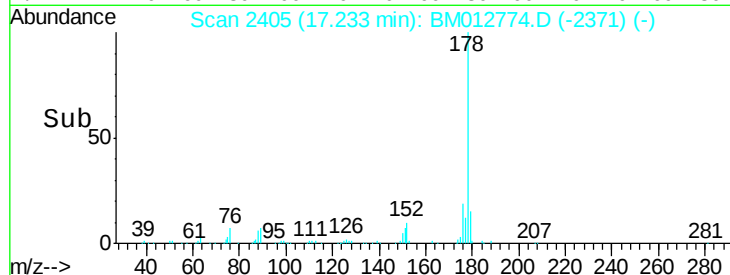
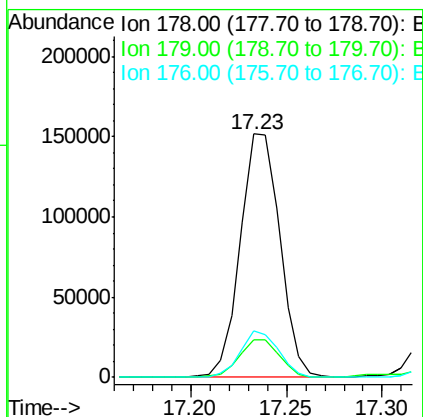
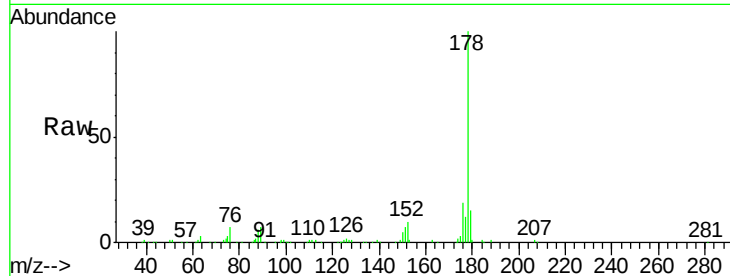
#69
Phenanthrene
Concen: 5.982 ng/ul m
RT: 17.23 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Instrument :
BNA_M
ClientSampleId :
B-63(0-1)-101117DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.3	15.6	23.4

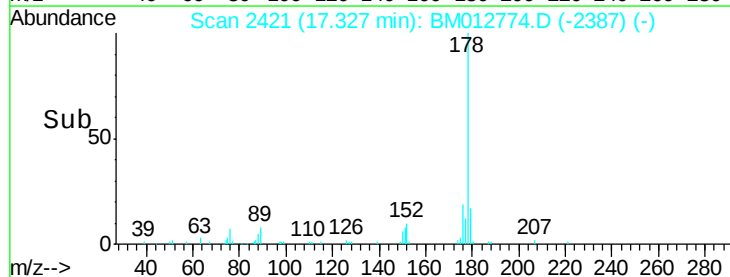
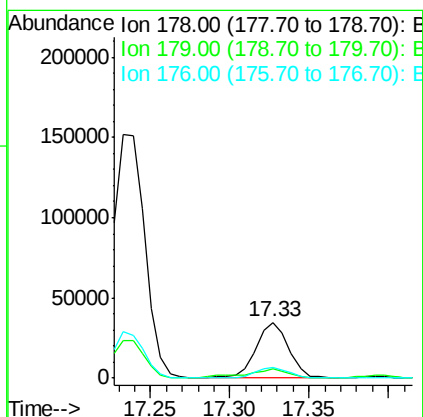
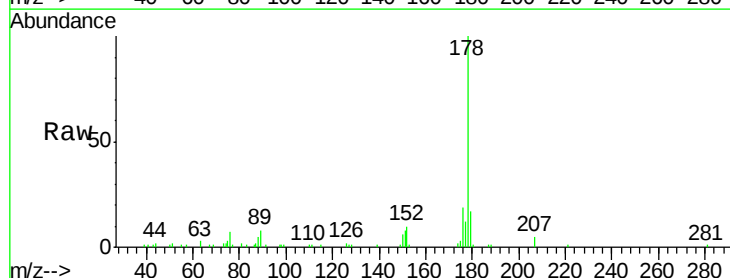
Manual Integrations
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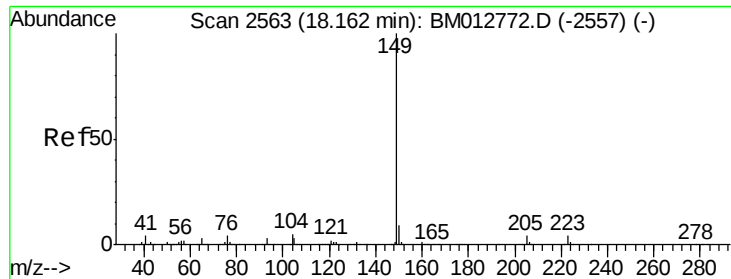
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#71
Anthracene
Concen: 1.292 ng/ul
RT: 17.33 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.1	18.1
176	18.9	14.8	22.2





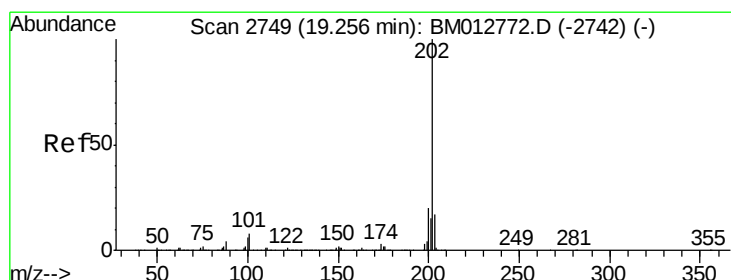
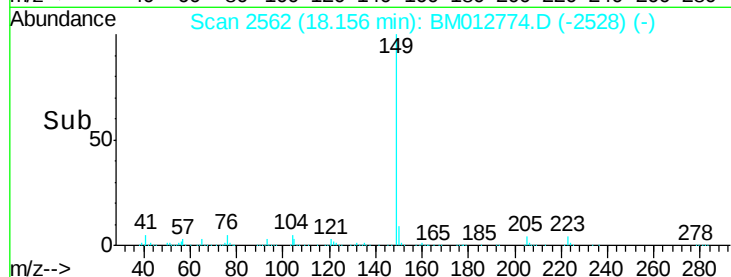
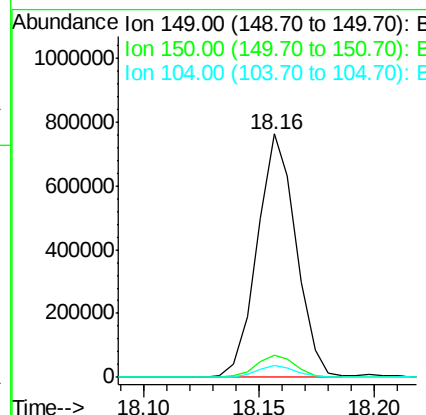
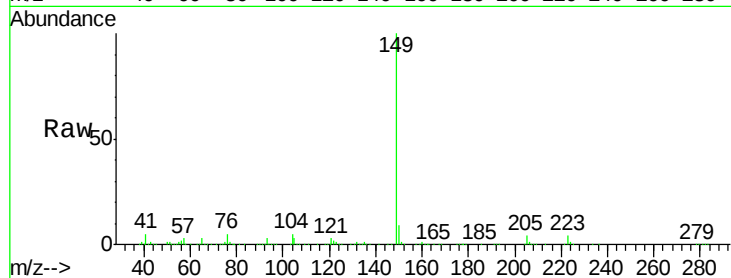
#75
Di-n-butylphthalate
Concen: 24.114 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Instrument :
BNA_M
ClientSampleId :
B-63(0-1)-101117DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.3	7.4	11.0
104	4.9	4.0	6.0

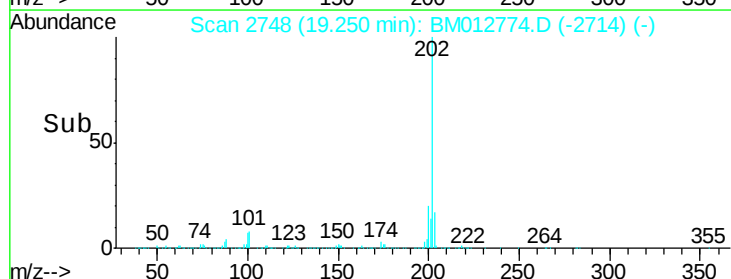
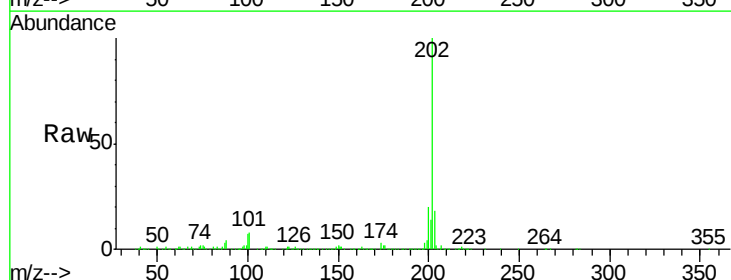
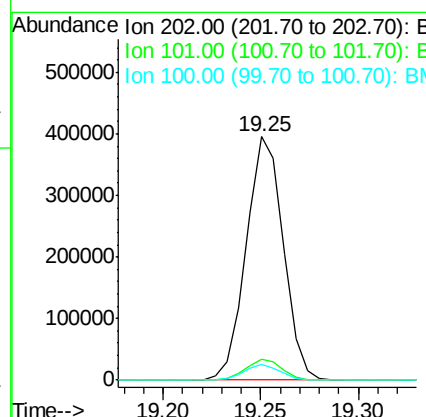
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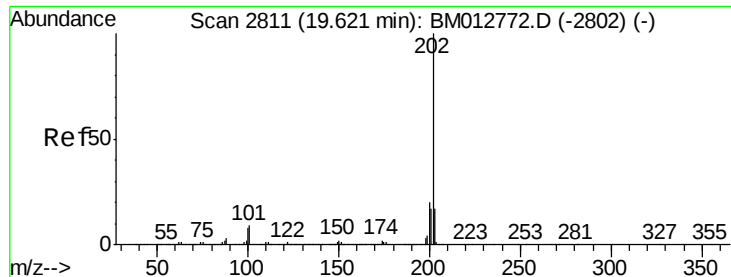
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#76
Fluoranthene
Concen: 11.857 ng/ul
RT: 19.25 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	8.8	13.2#
100	6.6	6.6	9.8





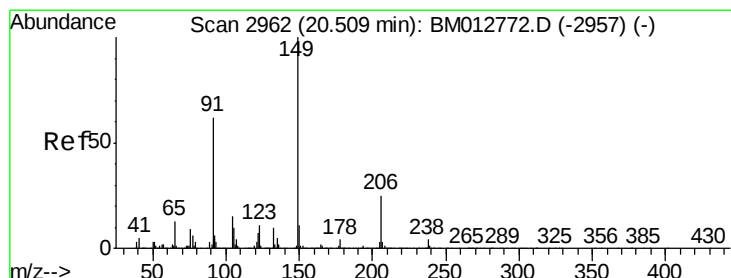
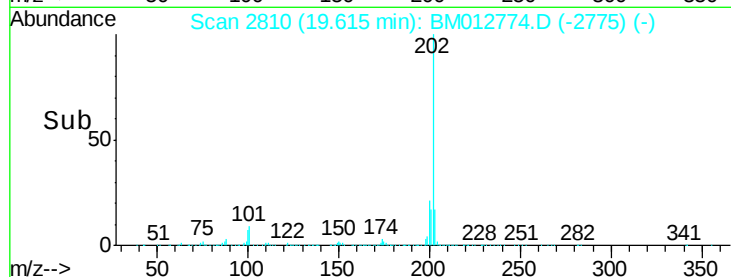
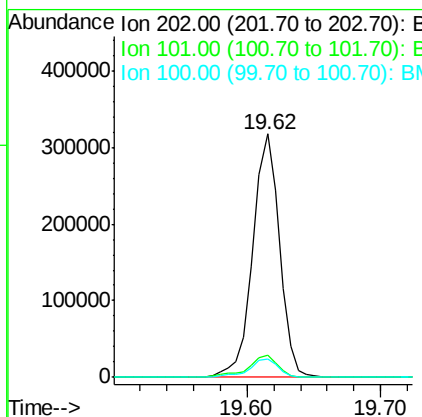
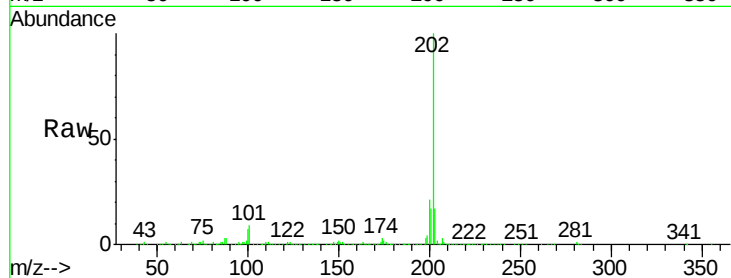
#79
 Pyrene
 Concen: 11.291 ng/ul
 RT: 19.62 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM012774.D
 Acq: 06 Nov 2017 13:11

Instrument :
 BNA_M
 ClientSampleId :
 B-63(0-1)-101117DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	10.2	15.2#
100	7.3	8.5	12.7#

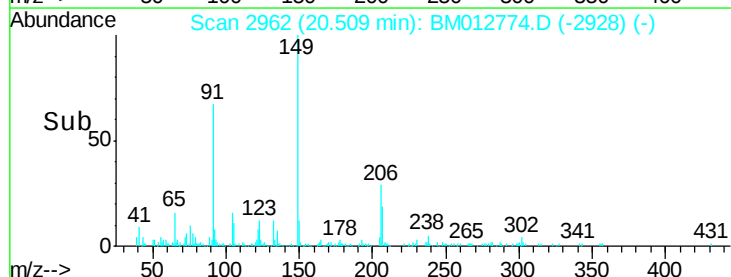
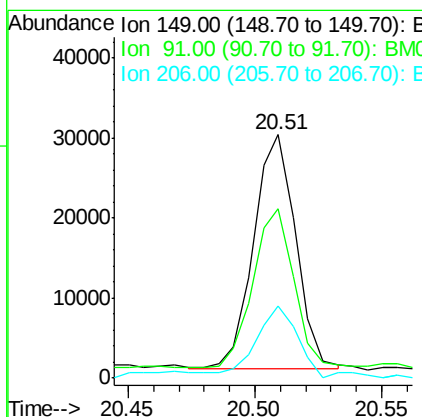
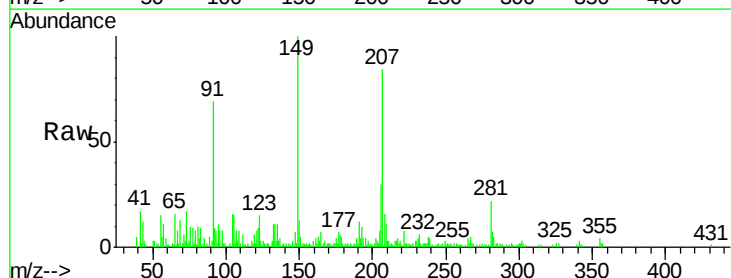
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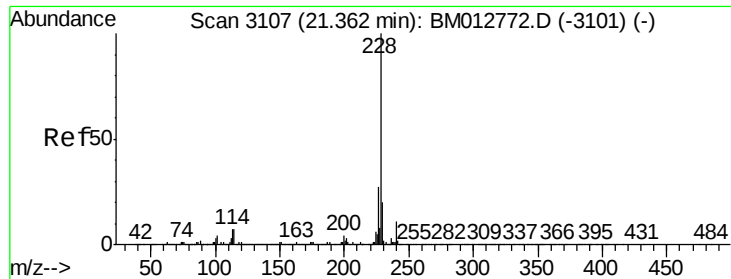
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#80
 Butylbenzylphthalate
 Concen: 2.390 ng/ul
 RT: 20.51 min Scan# 2962
 Delta R.T. -0.00 min
 Lab File: BM012774.D
 Acq: 06 Nov 2017 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.3	53.4	80.2
206	29.6	16.6	24.8#





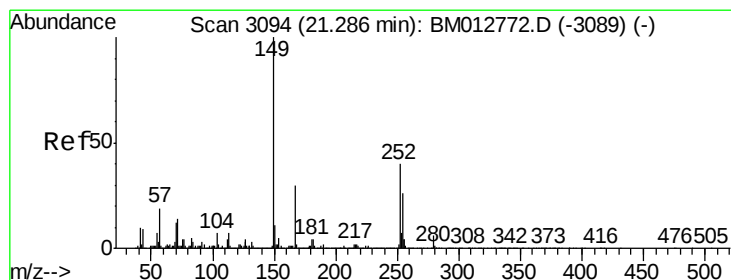
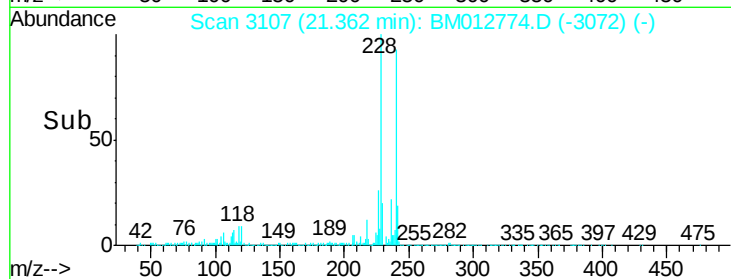
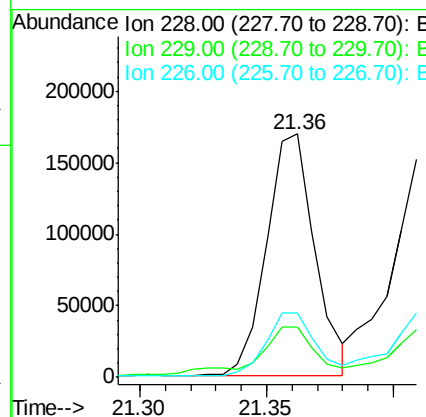
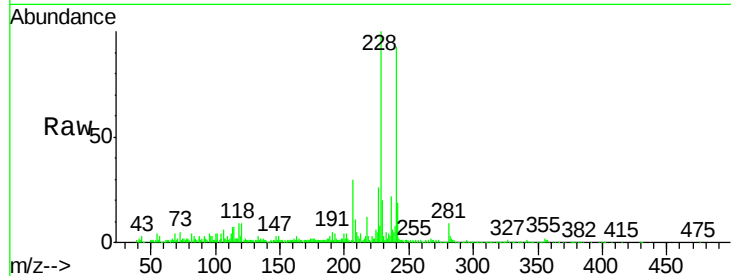
#82
Benzo(a)anthracene
Concen: 5.713 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Instrument :
BNA_M
ClientSampleId :
B-63(0-1)-101117DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	26.4	21.8	32.6

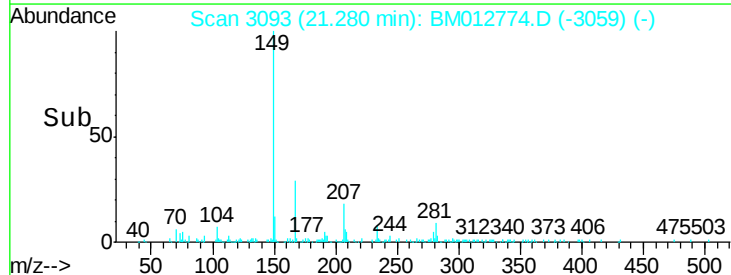
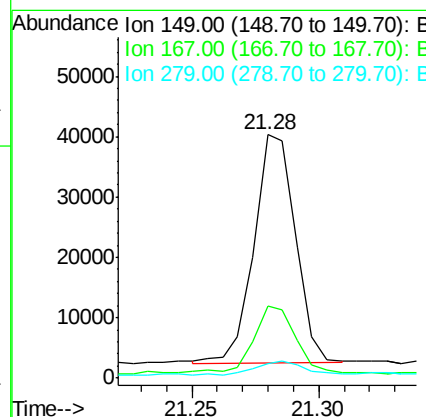
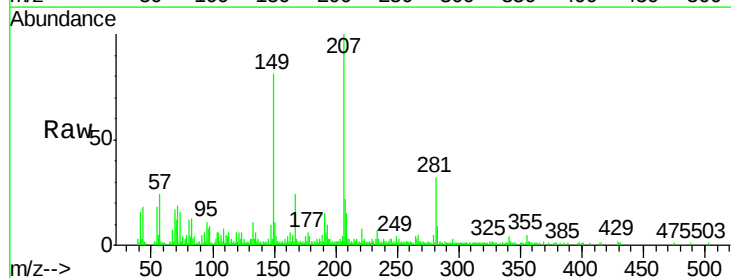
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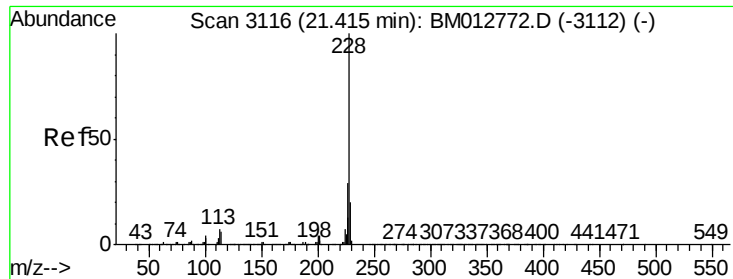
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.115 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.6	32.4
279	6.2	3.0	4.4#





#84

Chrysene

Concen: 5.895 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM012774.D

Acq: 06 Nov 2017 13:11

Instrument :

BNA_M

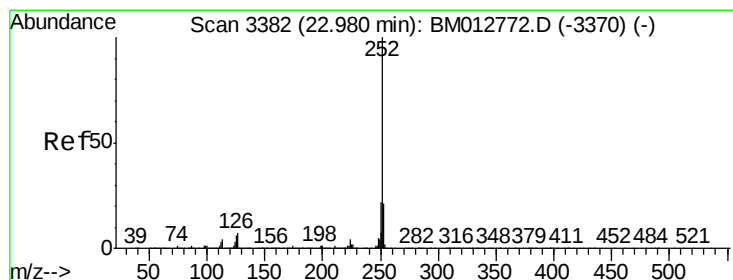
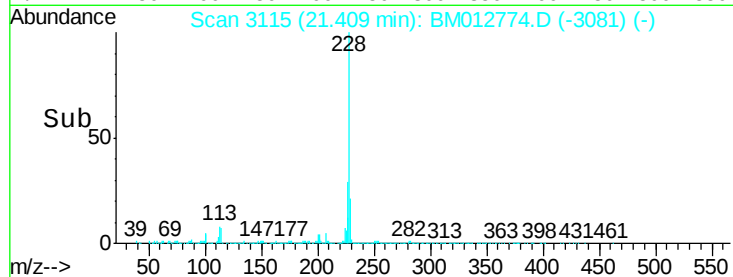
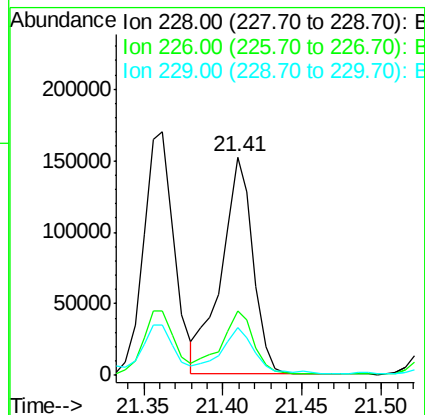
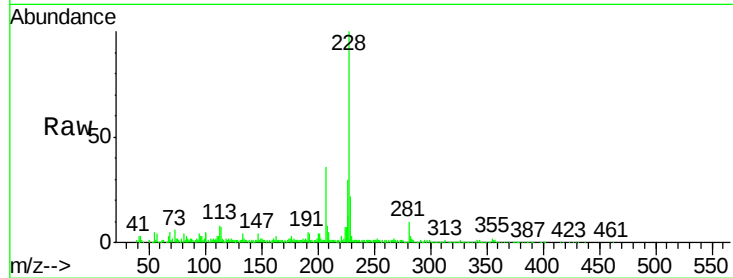
ClientSampleId :

B-63(0-1)-101117DL

Tgt Ion:	228	Resp:	210071
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	21.6	15.6	23.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 8.423 ng/ul

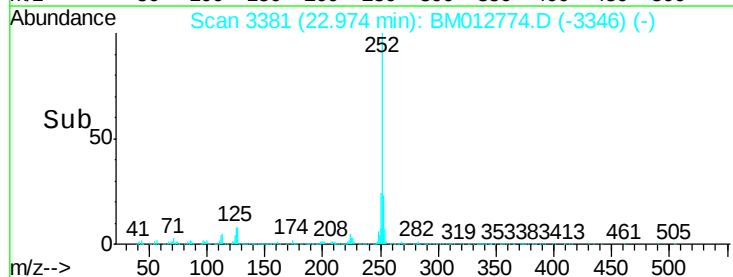
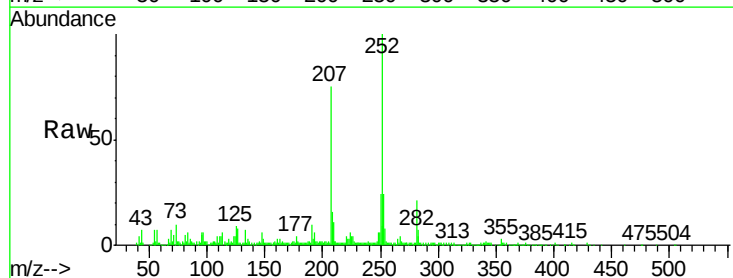
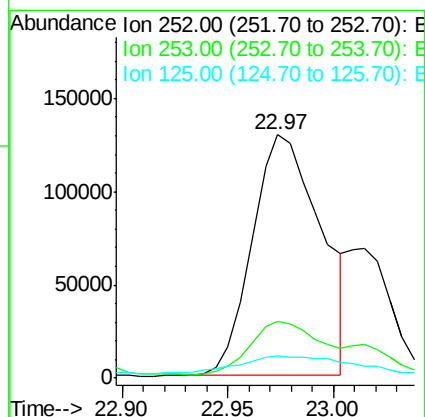
RT: 22.97 min Scan# 3381

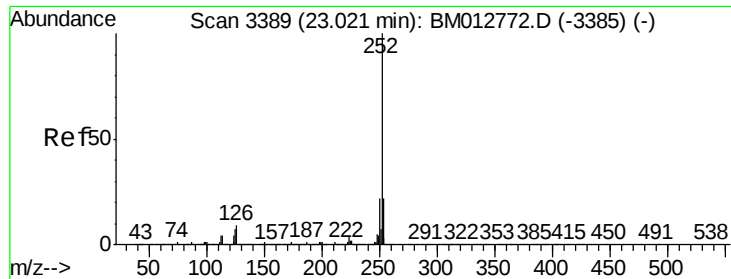
Delta R.T. 0.01 min

Lab File: BM012774.D

Acq: 06 Nov 2017 13:11

Tgt Ion:	252	Resp:	292880
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	9.2	8.5	12.7





#88

Benzo(k)fluoranthene

Concen: 2.917 ng/ul m

RT: 23.01 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM012774.D

Acq: 06 Nov 2017 13:11

Instrument :

BNA_M

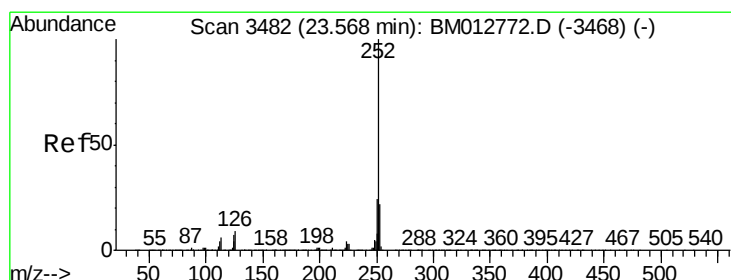
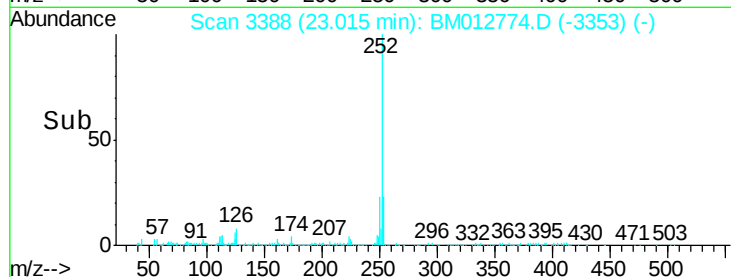
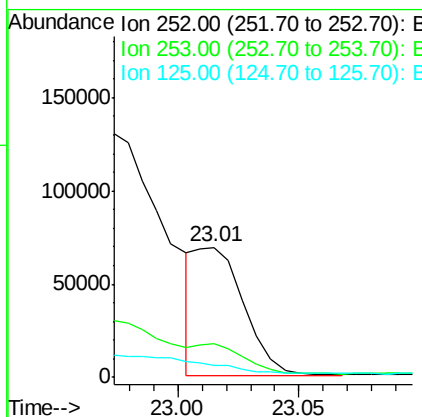
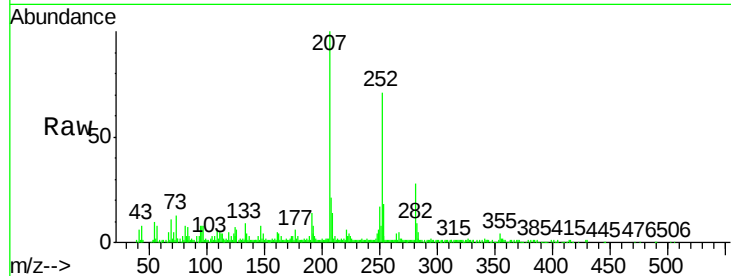
ClientSampleId :

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Tgt Ion:	252	Resp:	96403
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.3	25.9
125	9.2	8.2	12.2

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#90

Benzo(a)pyrene

Concen: 5.983 ng/ul m

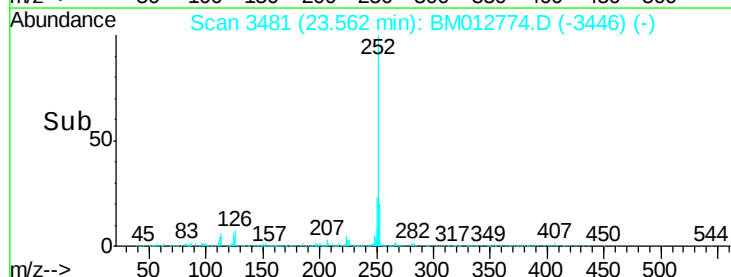
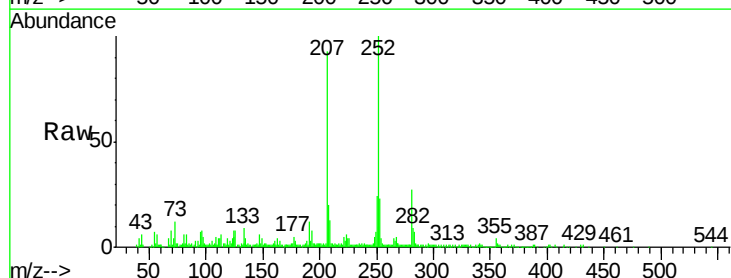
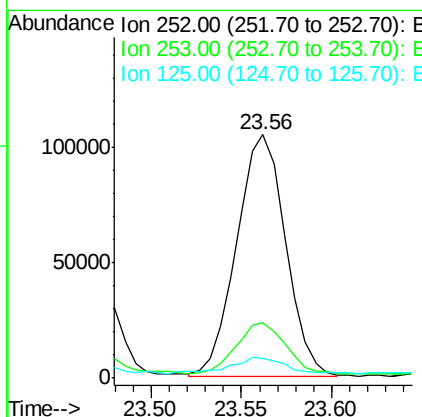
RT: 23.56 min Scan# 3481

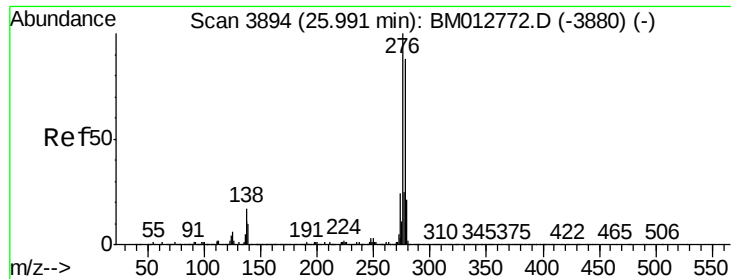
Delta R.T. 0.01 min

Lab File: BM012774.D

Acq: 06 Nov 2017 13:11

Tgt Ion:	252	Resp:	197971
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	8.2	9.0	13.6#





#91

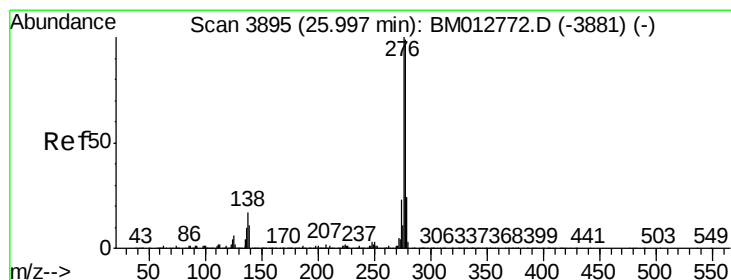
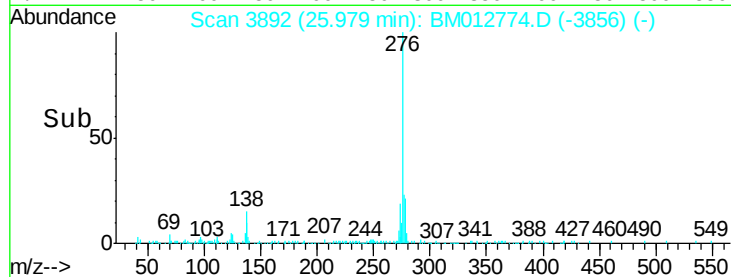
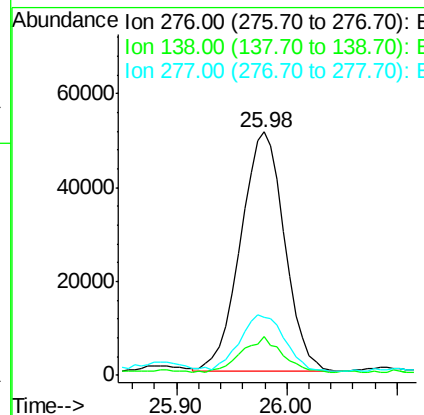
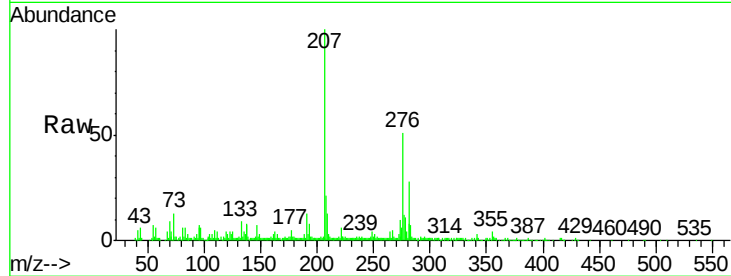
Indeno(1,2,3-cd)pyrene
Concen: 3.572 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. 0.01 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Instrument :
BNA_M
ClientSampleId :
B-63(0-1)-101117DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	22.3	33.5#
277	23.9	20.2	30.2

Manual Integrations
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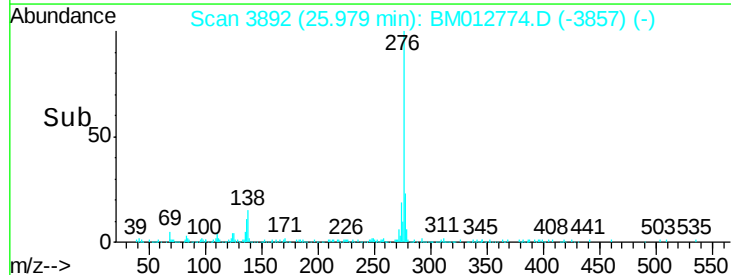
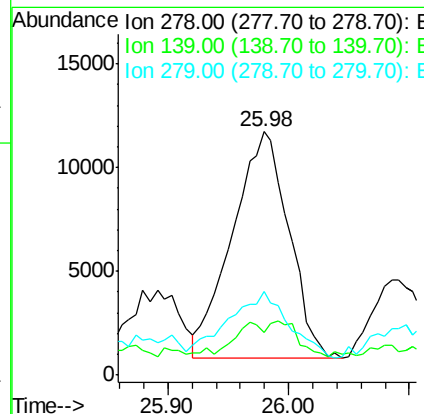
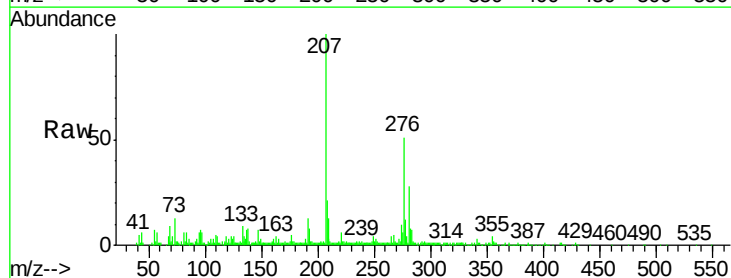
Sohil
11/7/2017 5:35:13 PM

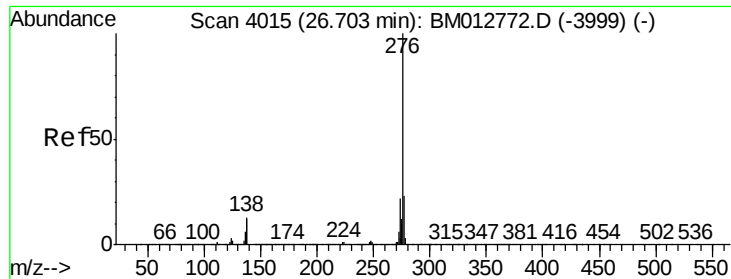


#92

Dibenzo(a,h)anthracene
Concen: 1.042 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. 0.01 min
Lab File: BM012774.D
Acq: 06 Nov 2017 13:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.9	20.9
279	34.1	19.0	28.4#





#93

Benzo(g,h,i)perylene

Concen: 3.971 ng/ul

RT: 26.69 min Scan# 4012

Delta R.T. 0.01 min

Lab File: BM012774.D

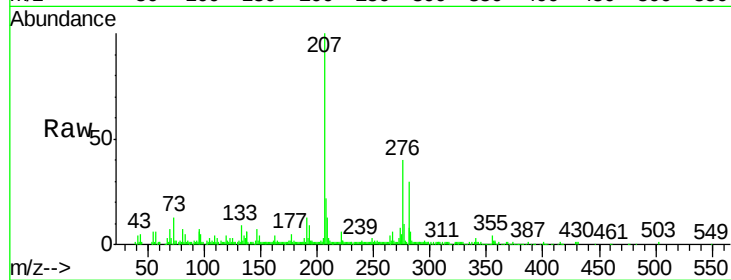
Acq: 06 Nov 2017 13:11

Instrument :

BNA_M

ClientSampleId :

B-63(0-1)-101117DL



Tgt Ion: 276 Resp: 130478

Ion Ratio Lower Upper

276 100

138 15.2 18.9 28.3#

277 25.4 19.2 28.8

Manual Integrations
APPROVED

Sohil

11/7/2017 5:35:13 PM

