

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012597.D
 Acq On : 31 Oct 2017 05:22
 Operator : SJ/JU
 Sample : I5786-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-8(5-6.25)_101017

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:47:39 PM

Quant Time: Oct 31 09:06:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	414684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1600944	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	944912	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	2140727	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2556542	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2871056	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	45655	5.62	ng/uL	0.00
5) Phenol-d5	7.03	99	896780	25.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	541968	26.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	724316	27.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	639835	21.61	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	354443	35.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	401792	38.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	761896	27.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	400474	13.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2240029	27.14	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2785157	28.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	351224	28.62	ng/ul	0.00
57) Fluorene-d10	15.48	176	1992804	28.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	194120	18.74	ng/ul	0.00
70) Anthracene-d10	17.33	188	3024698	29.65	ng/ul	0.00
76) Pyrene-d10	19.62	212	3493136	29.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	4082635	29.93	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.06	94	162204	4.497	ng/ul#	82
44) Dimethylphthalate	13.94	163	187145	2.292	ng/ul	99
69) Phenanthrene	17.27	178	572274	4.943	ng/ul	99
74) Fluoranthene	19.29	202	852555	6.499	ng/ul#	91
77) Pyrene	19.64	202	803956	5.530	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	452747	2.957	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.31	149	182337	2.092	ng/ul#	92
82) Chrysene	21.44	228	469984	3.453	ng/ul#	90
85) Benzo(b)fluoranthene	23.01	252	678262	3.822	ng/ul#	76
86) Benzo(k)fluoranthene	23.06	252	207387m	1.242	ng/ul	
88) Benzo(a)pyrene	23.61	252	490109	2.896	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.04	276	383015	1.923	ng/ul#	87
91) Benzo(g,h,i)perylene	26.77	276	338018	2.094	ng/ul#	78

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

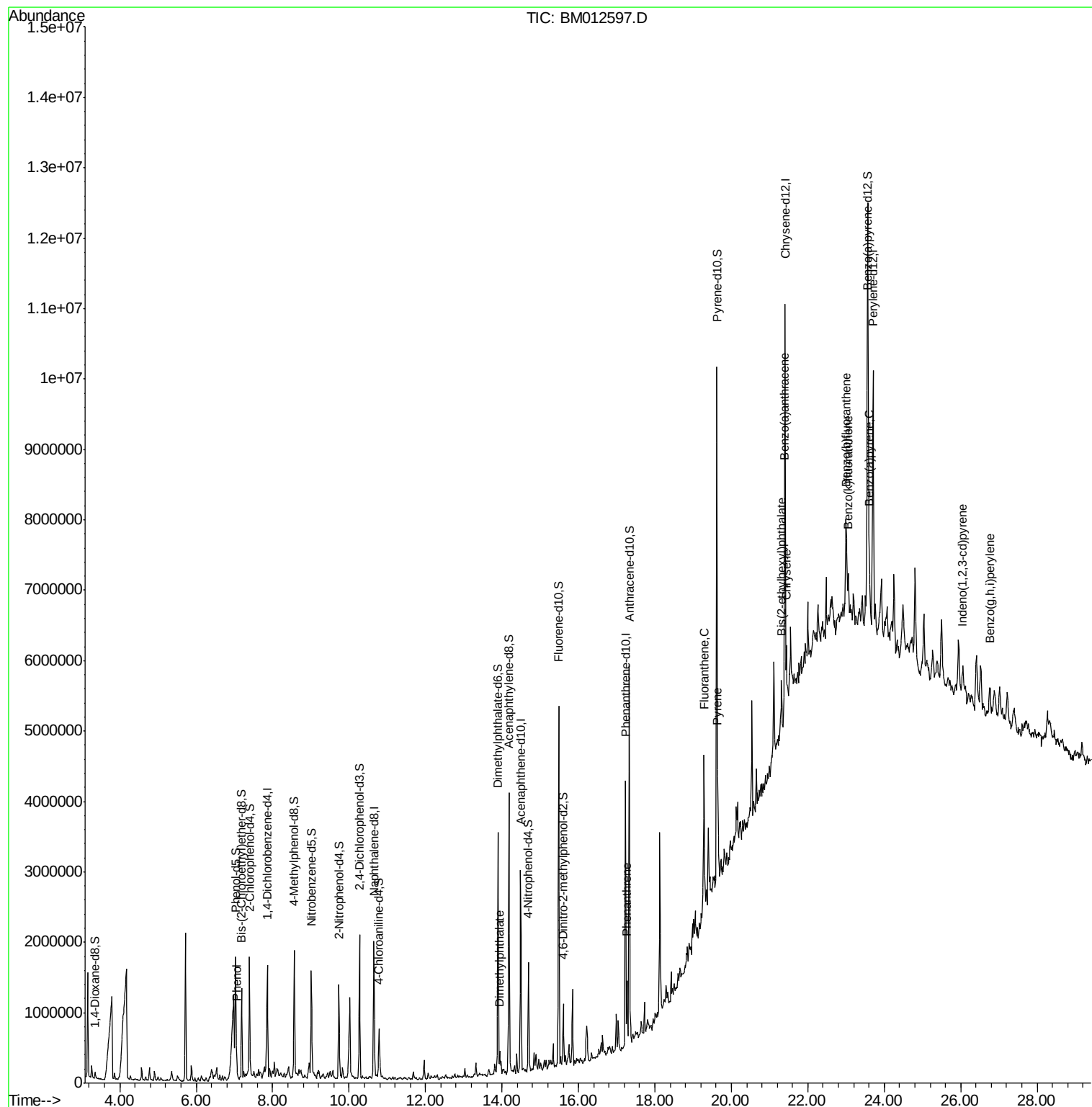
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012597.D
Acq On : 31 Oct 2017 05:22
Operator : SJ/JU
Sample : I5786-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

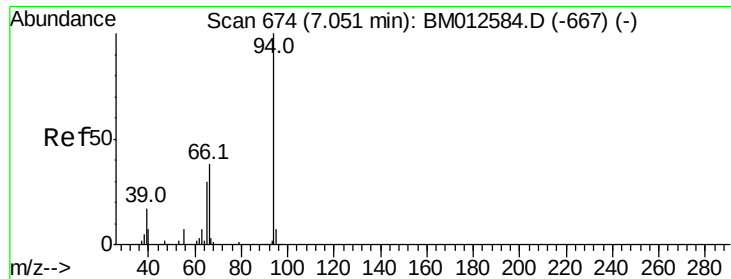
Instrument :
BNA_M
ClientSampleId :
B-8(5-6.25)_101017

Manual Integrations
APPROVED

Sohil
10/31/2017 7:47:39 PM

Quant Time: Oct 31 09:06:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.497 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Instrument :

BNA_M

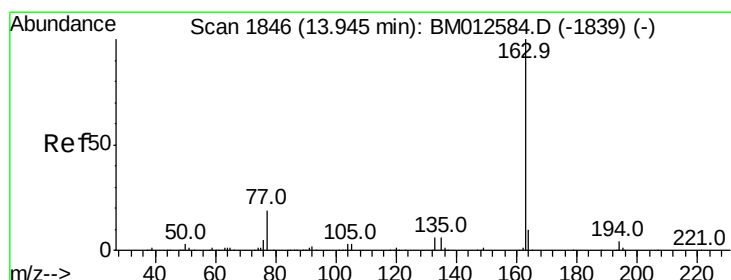
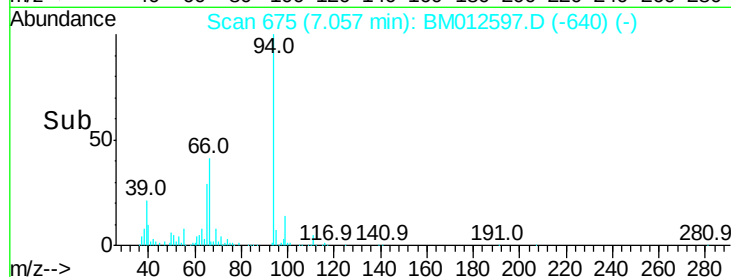
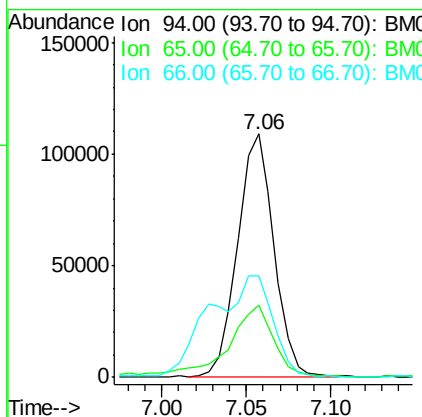
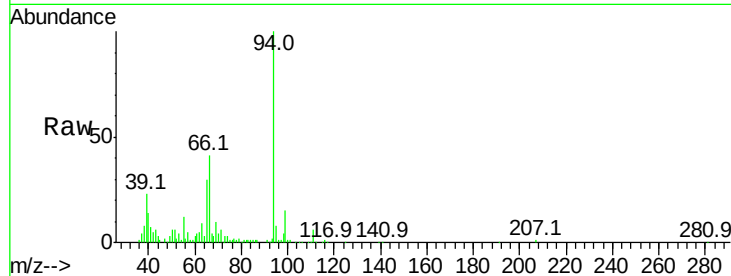
ClientSampleId :

B-8(5-6.25)_101017

Tot Ion:	94	Resp:	162204
Ion Ratio	Lower	Upper	
94	100		
65	29.8	28.2	42.4
66	41.5	47.2	70.8#

Manual Integrations
APPROVED

Sohil
10/31/2017 7:47:39 PM



#44

Dimethylphthalate

Concen: 2.292 ng/ul

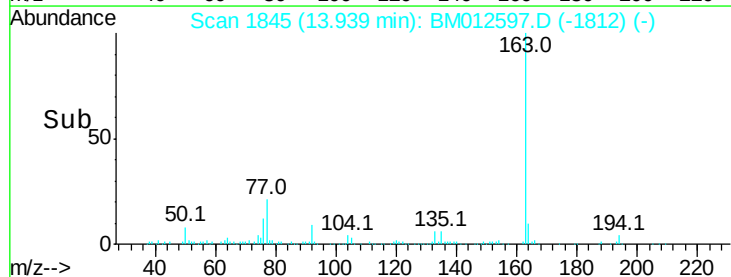
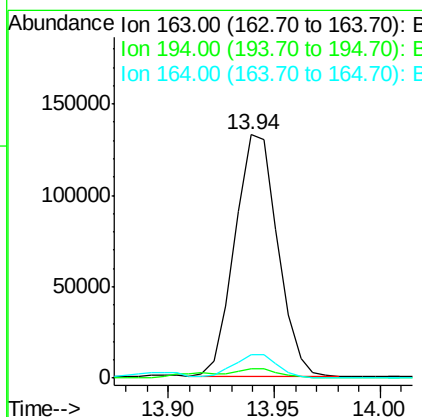
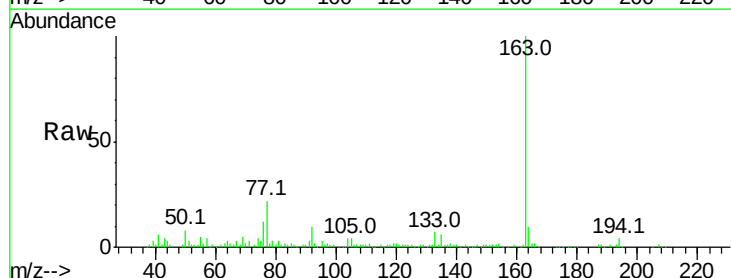
RT: 13.94 min Scan# 1845

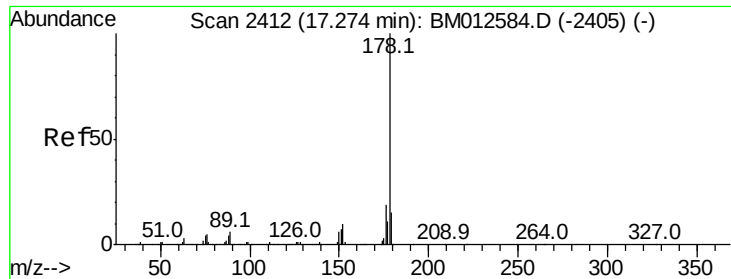
Delta R.T. -0.01 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Tgt Ion:	163	Resp:	187145
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.8	8.2	12.4





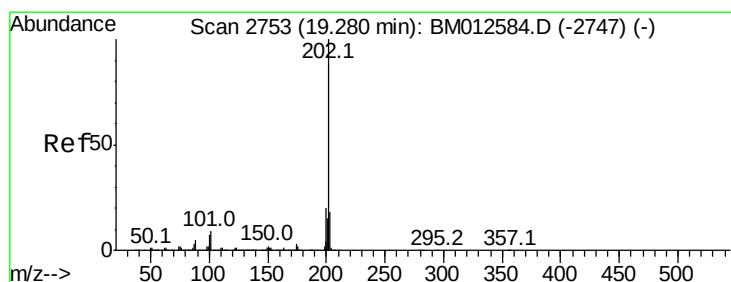
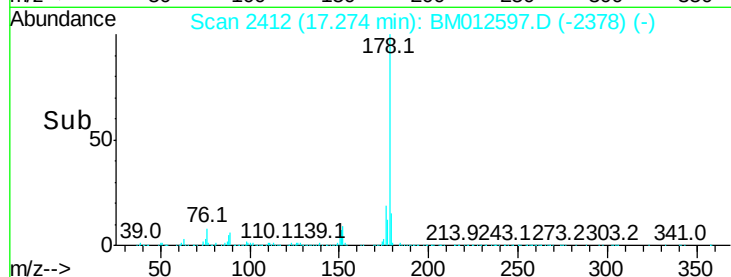
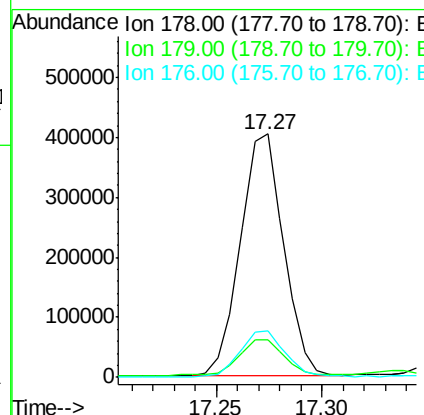
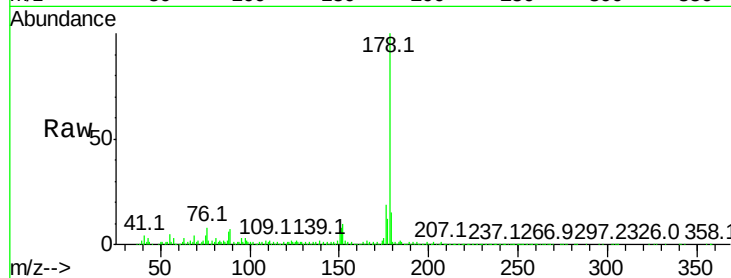
#69
Phenanthrene
Concen: 4.943 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM012597.D
Acq: 31 Oct 2017 05:22

Instrument :
BNA_M
ClientSampleId :
B-8(5-6.25)_101017

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.8	14.9	22.3

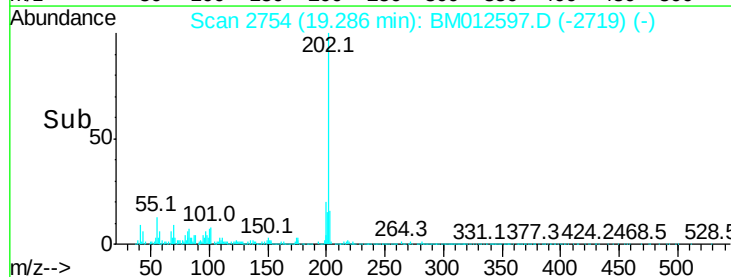
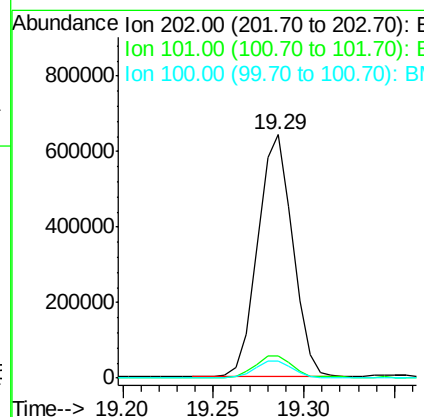
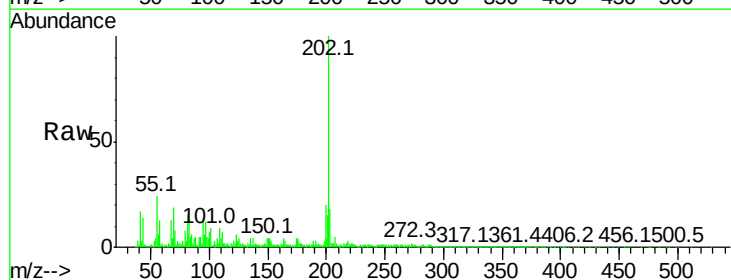
Manual Integrations
APPROVED

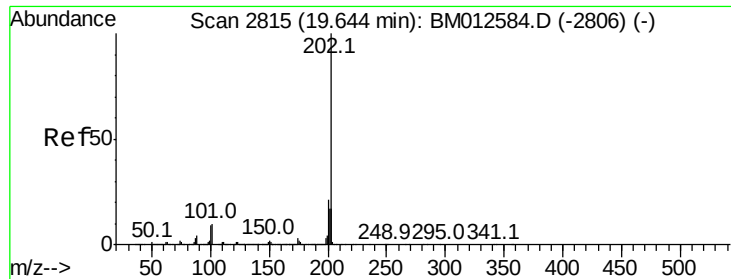
Sohil
10/31/2017 7:47:39 PM



#74
Fluoranthene
Concen: 6.499 ng/ul
RT: 19.29 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BM012597.D
Acq: 31 Oct 2017 05:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	7.0	3.4	5.2#





#77

Pvrene

Concen: 5.530 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Instrument :

BNA_M

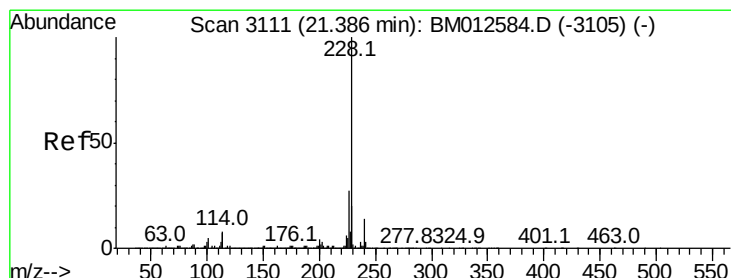
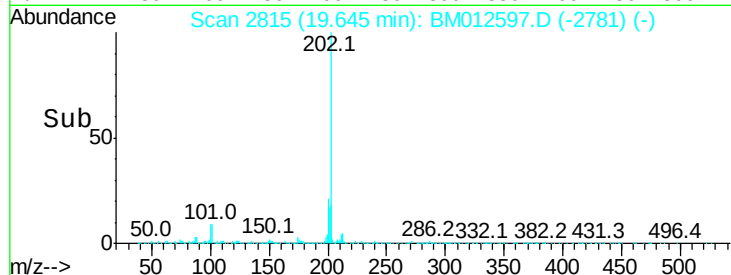
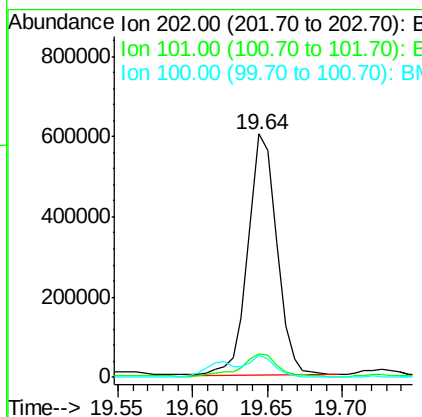
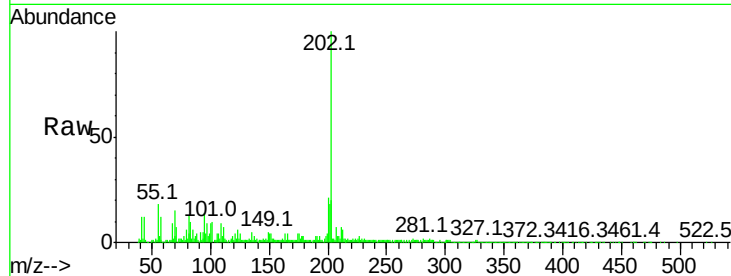
ClientSampleId :

B-8(5-6.25)_101017

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	9.0	4.9	7.3#

Manual Integrations
APPROVED

Sohil
10/31/2017 7:47:39 PM



#80

Benzo(a)anthracene

Concen: 2.957 ng/ul

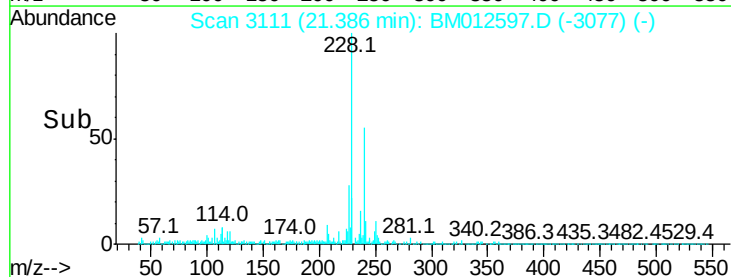
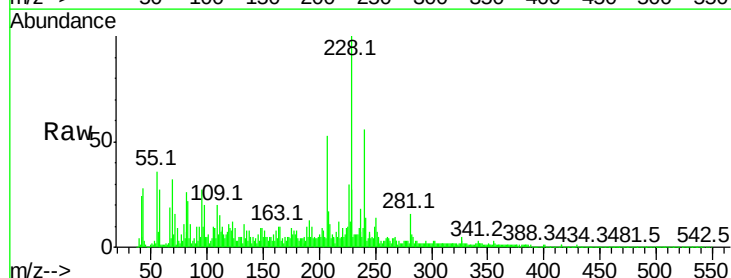
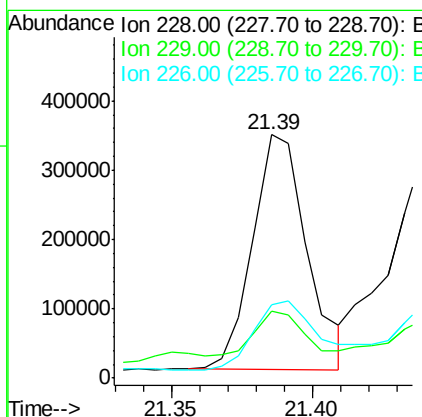
RT: 21.39 min Scan# 3111

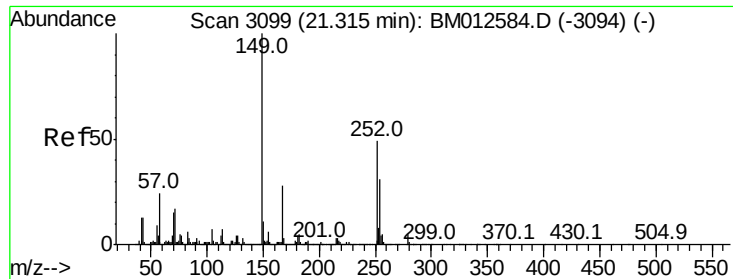
Delta R.T. 0.00 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	27.5	15.4	23.0#
226	30.4	21.4	32.0





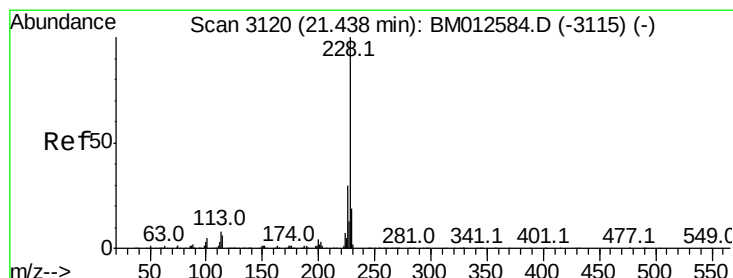
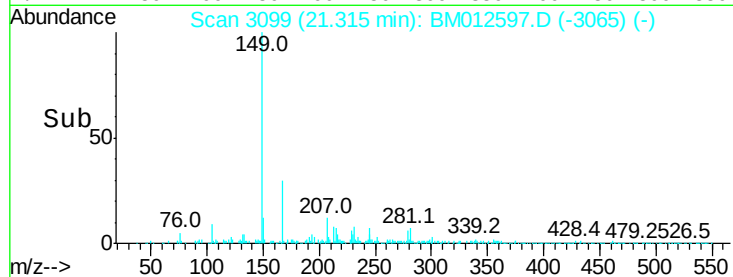
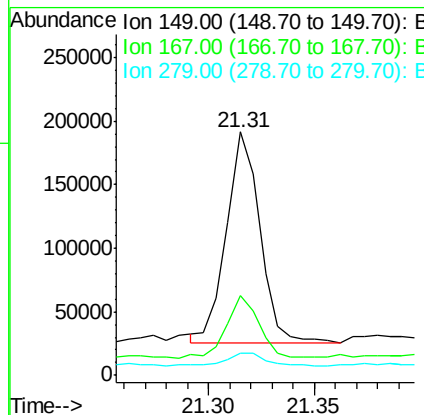
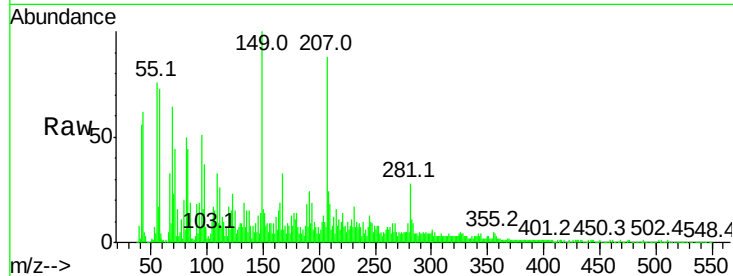
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.092 ng/ul
 RT: 21.31 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM012597.D
 Acq: 31 Oct 2017 05:22

Instrument :
 BNA_M
 ClientSampleId :
 B-8(5-6.25)_101017

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.6	22.8	34.2
279	8.9	4.9	7.3

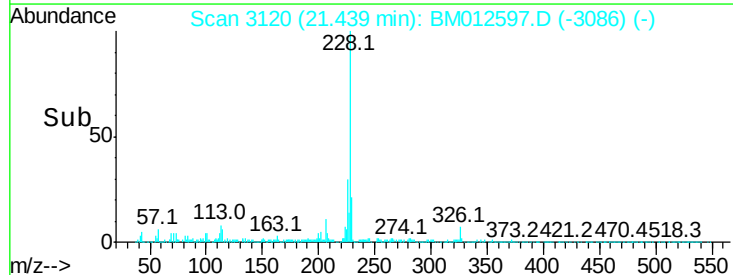
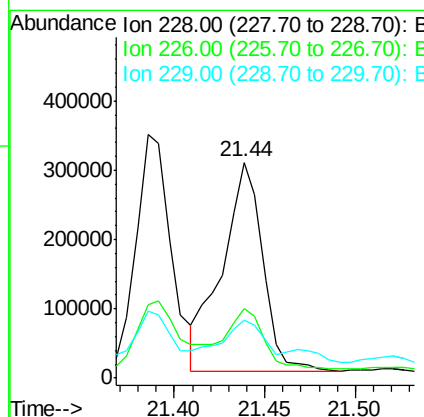
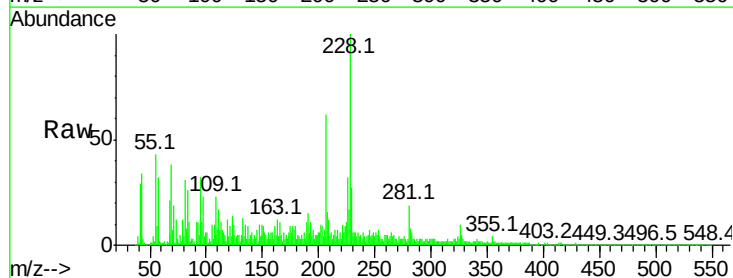
Manual Integrations
 APPROVED

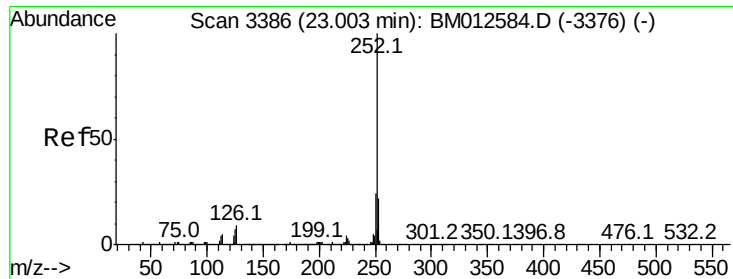
Sohil
 10/31/2017 7:47:39 PM



#82
 Chrysene
 Concen: 3.453 ng/ul
 RT: 21.44 min Scan# 3120
 Delta R.T. 0.00 min
 Lab File: BM012597.D
 Acq: 31 Oct 2017 05:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.2
229	27.0	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 3.822 ng/ul

RT: 23.01 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Instrument :

BNA_M

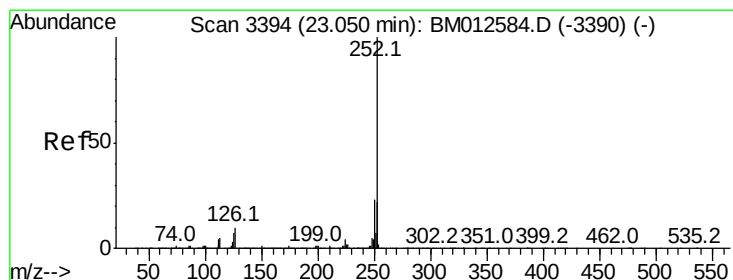
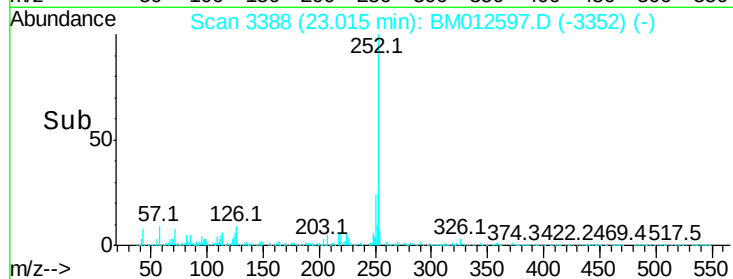
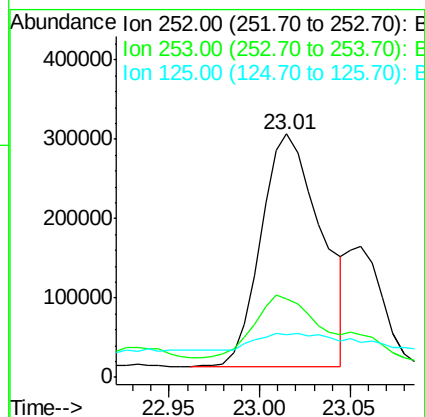
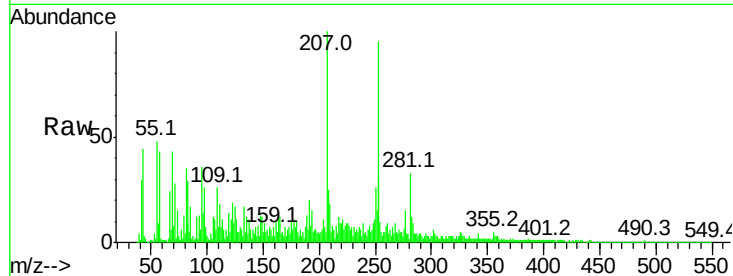
ClientSampleId :

B-8(5-6.25)_101017

Tot Ion:	252	Resp:	678262
Ion Ratio	Lower	Upper	
252	100		
253	32.3	17.9	26.9#
125	17.4	3.6	5.4#

Manual Integrations
APPROVED

Sohil
10/31/2017 7:47:39 PM



#86

Benzo(k)fluoranthene

Concen: 1.242 ng/ul m

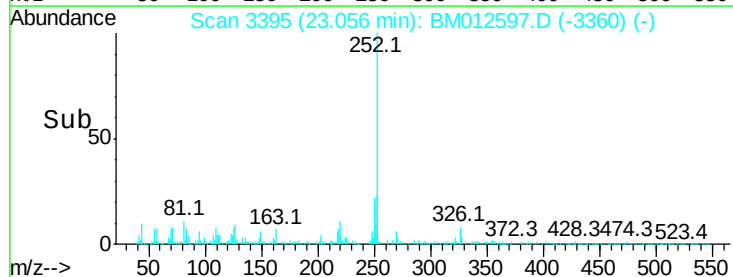
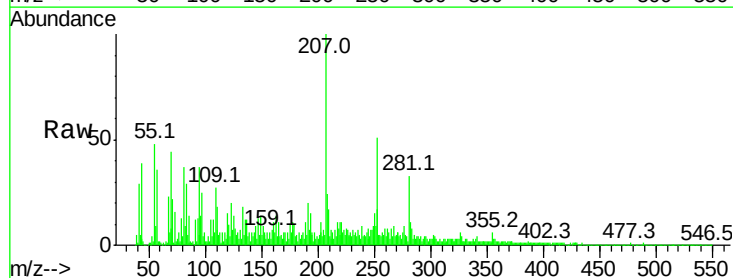
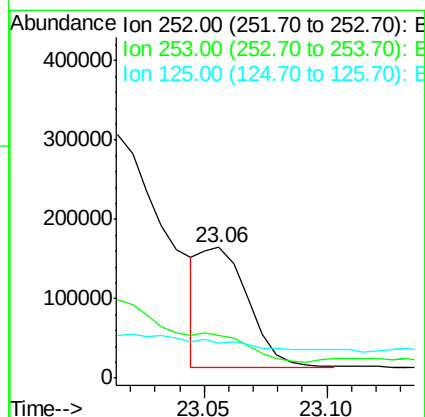
RT: 23.06 min Scan# 3395

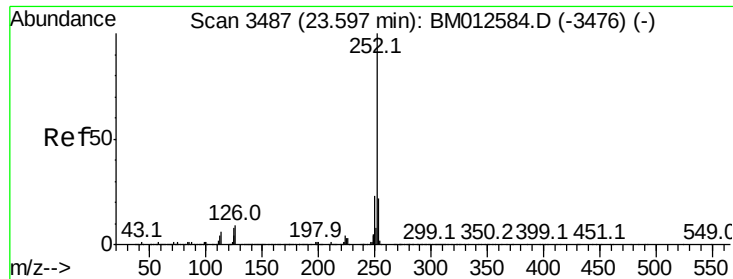
Delta R.T. 0.01 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Tgt Ion:	252	Resp:	207387
Ion Ratio	Lower	Upper	
252	100		
253	32.9	17.1	25.7#
125	27.2	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.896 ng/ul

RT: 23.61 min Scan# 3489

Delta R.T. 0.01 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Instrument :

BNA_M

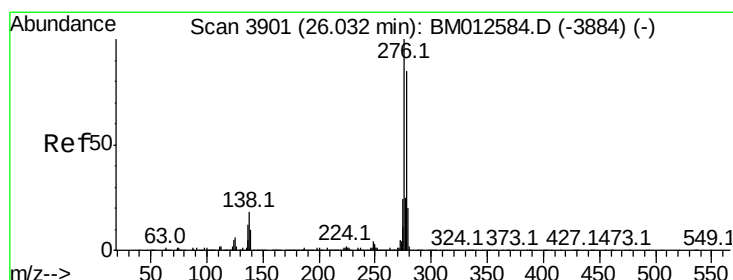
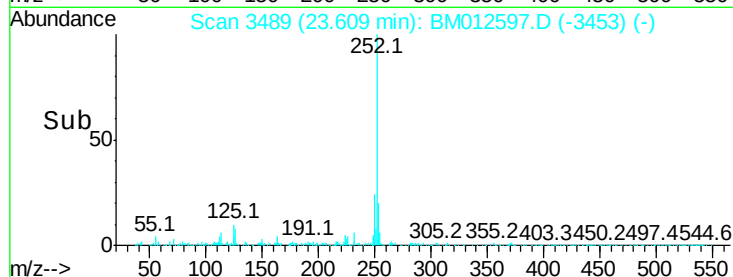
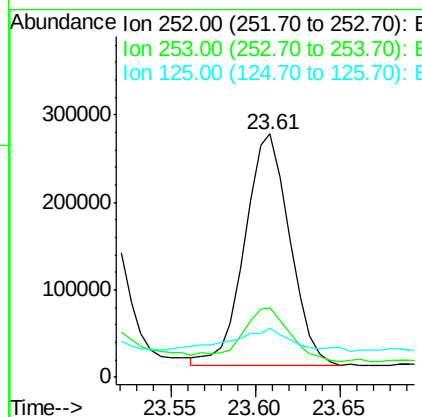
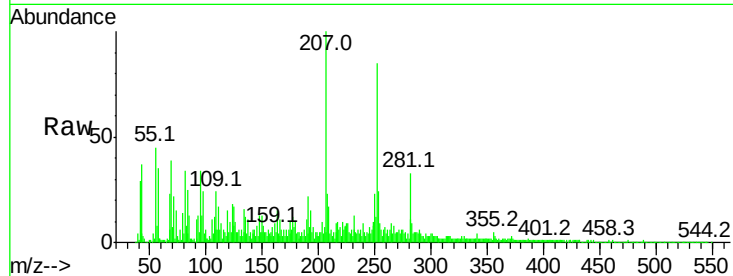
ClientSampleId :

B-8(5-6.25)_101017

Tot Ion:	252	Resp:	490109
Ion Ratio		Lower	Upper
252	100		
253	28.6	18.2	27.2#
125	20.2	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/31/2017 7:47:39 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.923 ng/ul

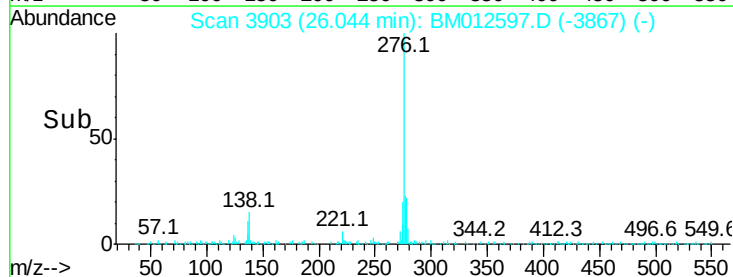
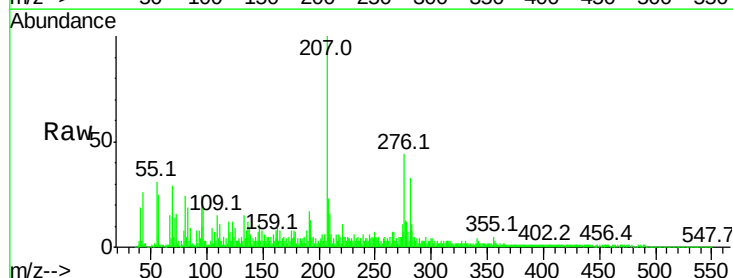
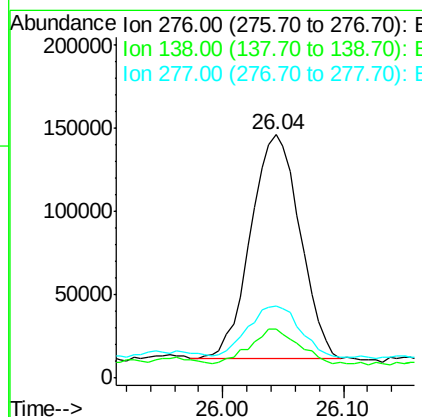
RT: 26.04 min Scan# 3903

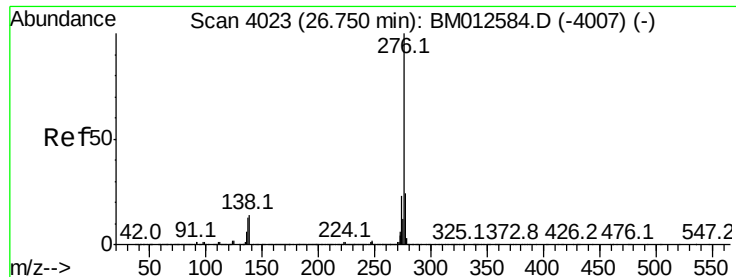
Delta R.T. 0.01 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Tgt Ion:	276	Resp:	383015
Ion Ratio		Lower	Upper
276	100		
138	20.0	9.3	13.9#
277	29.7	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.094 ng/ul

RT: 26.77 min Scan# 4026

Delta R.T. 0.02 min

Lab File: BM012597.D

Acq: 31 Oct 2017 05:22

Instrument :

BNA_M

ClientSampleId :

B-8(5-6.25)_101017

Tot Ion:	276	Resp:	338018
Ion Ratio		Lower	Upper
276	100		
138	20.4	8.5	12.7#
277	32.8	18.6	28.0#

Manual Integrations
APPROVED

Sohil
10/31/2017 7:47:39 PM

