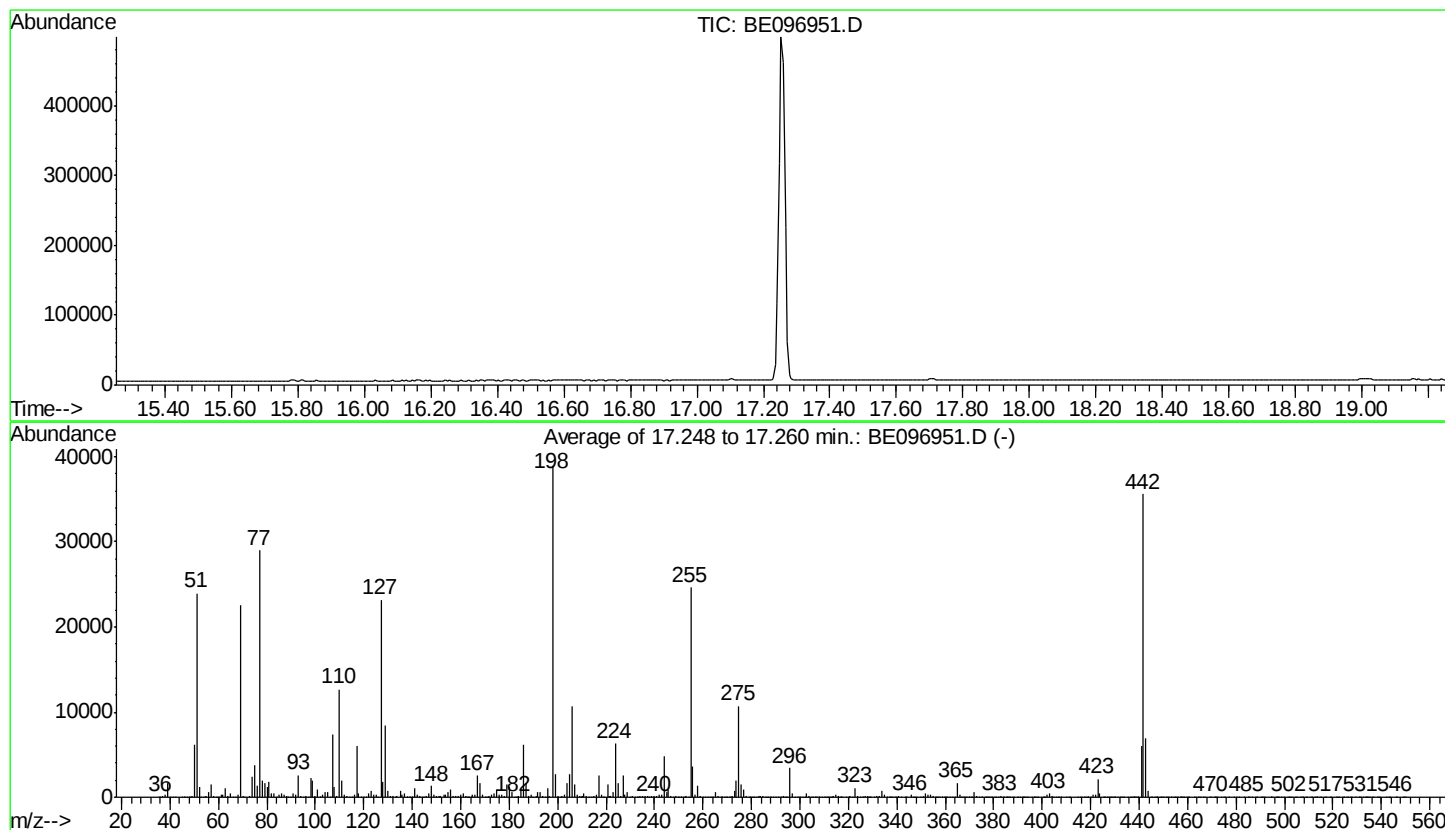


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071718\
Data File : BE096951.D
Acq On : 17 Jul 2018 9:49
Operator : SJ/JU
Sample : DFTPP22
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DFTPP22

Integration File: rteint.p

Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE071718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jul 18 07:15:45 2018



AutoFind: Scans 2495, 2496, 2497; Background Corrected with Scan 2486

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	61.4	23902	PASS
68	69	0.00	2	1.3	289	PASS
69	198	0.00	100	57.8	22500	PASS
70	69	0.00	2	0.6	125	PASS
127	198	10	80	59.5	23188	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	38939	PASS
199	198	5	9	6.8	2651	PASS
275	198	10	60	27.6	10753	PASS
365	198	1	100	4.3	1691	PASS
441	443	0.01	100	85.5	5979	PASS
442	198	50	100	91.4	35572	PASS
443	442	15	24	19.7	6991	PASS

m/z	Abundance
36.20	31.0
37.00	87.0
38.10	238.0
39.00	1562.0
40.00	346.0
41.00	105.0
42.20	31.0
43.10	58.0
44.00	1479.0
45.00	61.0
45.80	16.0
46.80	35.0
48.10	43.0
49.00	239.0
50.00	5353.0
51.00	21088.0
52.00	1270.0
53.00	50.0
55.00	149.0
56.00	670.0
57.00	1513.0
58.00	78.0
59.00	29.0
59.60	17.0
60.10	18.0
61.00	216.0
62.00	313.0
63.00	813.0
64.00	105.0
65.00	367.0
65.90	34.0
66.90	52.0
69.00	19664.0
70.00	101.0
71.00	36.0
71.90	10.0
73.00	190.0
74.00	2091.0
75.00	3047.0
76.00	1245.0
77.00	23976.0
78.00	1633.0
79.00	1407.0
80.00	1152.0
81.00	1579.0
82.00	375.0
82.90	382.0
84.00	115.0
85.00	276.0
86.00	511.0
87.00	296.0
88.00	119.0
89.00	41.0
89.60	18.0
91.00	342.0
92.00	295.0
93.00	2182.0
93.90	169.0
95.00	42.0
96.00	181.0
96.90	72.0
98.00	1894.0
99.00	1594.0
99.90	161.0
101.00	832.0
101.70	27.0
103.00	243.0
103.90	417.0
104.90	433.0
107.00	6171.0
107.90	836.0
110.00	10371.0
111.00	1649.0
111.90	221.0
112.90	75.0
114.90	14.0
115.90	263.0
117.00	4902.0
117.90	438.0
118.90	34.0
120.00	82.0
120.80	26.0
121.90	359.0
122.90	561.0
124.00	244.0
124.90	222.0
127.00	19048.0
128.00	1445.0
129.00	6813.0
129.90	576.0
131.00	110.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

132.00	66.0
132.80	48.0
133.90	144.0
135.00	531.0
136.00	197.0
136.90	447.0
137.80	114.0
138.90	51.0
139.80	98.0
140.90	789.0
142.00	289.0
142.90	226.0
144.00	64.0
144.90	57.0
145.90	161.0
146.90	455.0
148.00	1032.0
148.90	324.0
149.90	59.0
150.90	92.0
151.90	120.0
152.90	248.0
154.00	198.0
155.00	423.0
156.00	746.0
156.90	105.0
157.90	162.0
158.90	109.0
159.80	285.0
161.00	330.0
161.90	92.0
162.80	35.0
163.30	20.0
164.00	40.0
164.90	287.0
166.00	173.0
166.90	1642.0
168.00	1354.0
168.90	184.0
169.90	43.0
170.80	85.0
171.90	126.0
172.90	191.0
173.90	355.0
174.90	575.0
176.00	218.0
176.90	265.0
177.90	96.0
178.90	984.0
180.00	979.0
181.00	477.0
182.10	67.0
182.80	27.0
183.90	72.0
184.90	639.0
186.00	4846.0
187.00	1284.0
187.90	136.0
188.90	320.0
189.90	33.0
191.00	175.0
191.90	375.0
193.00	473.0
193.90	98.0
195.00	44.0
196.00	692.0
197.90	28296.0
198.90	1950.0
200.00	137.0
201.30	182.0
203.00	219.0
203.90	1133.0
205.00	2046.0
206.00	7635.0
207.00	1272.0
208.00	258.0
208.90	87.0
209.70	79.0
210.30	169.0
210.90	340.0
211.70	85.0
212.90	29.0
214.10	3.0
214.80	78.0
215.90	210.0
216.90	1942.0
217.80	326.0
219.00	25.0
221.00	990.0
223.00	487.0
224.00	4463.0
224.90	1151.0
226.00	158.0
226.90	1795.0
227.90	235.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

229.00	352.0
229.90	85.0
231.00	163.0
232.00	34.0
232.80	46.0
233.80	117.0
234.90	140.0
235.80	93.0
236.90	163.0
237.90	21.0
239.00	59.0
240.00	76.0
241.00	82.0
241.90	176.0
243.00	242.0
244.00	3523.0
244.90	402.0
245.90	620.0
246.80	91.0
248.10	20.0
248.90	140.0
249.70	31.0
250.80	25.0
251.90	39.0
252.70	84.0
253.90	156.0
254.90	16357.0
255.90	2427.0
256.90	239.0
257.90	1067.0
258.90	198.0
259.80	18.0
261.00	40.0
261.80	17.0
262.40	5.0
262.90	7.0
263.40	6.0
264.00	26.0
264.90	527.0
265.90	97.0
266.70	3.0
267.30	3.0
267.90	32.0
268.50	3.0
269.70	28.0
271.00	85.0
271.80	93.0
273.00	583.0
273.90	1262.0
274.90	7334.0
275.90	962.0
276.90	632.0
278.00	112.0
278.80	9.0
280.20	6.0
280.80	21.0
282.00	25.0
282.90	70.0
284.00	57.0
284.90	173.0
285.90	20.0
286.90	7.0
287.80	4.0
289.10	23.0
290.00	17.0
291.00	43.0
292.00	45.0
292.90	115.0
293.80	60.0
295.00	60.0
295.90	2078.0
296.90	280.0
298.00	33.0
298.70	4.0
299.10	2.0
300.00	21.0
300.90	33.0
302.00	34.0
302.90	301.0
303.80	33.0
304.80	21.0
305.30	8.0
306.50	29.0
307.80	36.0
308.90	28.0
309.80	39.0
310.40	16.0
311.40	4.0
311.90	20.0
313.00	40.0
313.80	91.0
314.90	166.0
316.00	131.0
316.90	36.0
317.70	4.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

317.90	5.0
318.90	24.0
320.00	7.0
320.80	53.0
321.90	29.0
323.00	832.0
323.90	143.0
324.90	34.0
325.70	12.0
326.90	141.0
327.90	54.0
328.40	32.0
329.70	6.0
330.30	1.0
330.80	3.0
331.90	91.0
332.80	79.0
333.90	458.0
334.90	149.0
335.90	27.0
336.70	1.0
337.20	5.0
337.70	2.0
338.90	24.0
339.70	12.0
340.90	80.0
341.80	13.0
343.20	20.0
344.00	13.0
344.70	2.0
345.80	119.0
346.60	30.0
347.60	7.0
348.30	3.0
348.80	1.0
349.10	2.0
349.70	5.0
350.50	4.0
351.90	222.0
352.90	126.0
353.90	173.0
354.90	70.0
356.00	11.0
356.70	9.0
357.20	10.0
358.10	9.0
359.00	14.0
359.80	22.0
361.00	24.0
361.80	4.0
363.00	15.0
363.90	15.0
364.90	967.0
365.80	120.0
366.90	18.0
367.90	3.0
368.40	4.0
370.00	37.0
370.60	46.0
371.90	392.0
372.90	120.0
374.10	12.0
374.90	6.0
375.50	2.0
376.50	6.0
376.70	6.0
377.00	7.0
377.60	2.0
378.30	2.0
378.80	6.0
379.30	4.0
379.90	6.0
380.50	4.0
380.90	4.0
381.80	7.0
382.90	131.0
383.80	12.0
384.90	37.0
385.50	5.0
386.10	2.0
387.00	4.0
387.60	3.0
387.90	2.0
388.30	4.0
389.70	72.0
391.00	52.0
391.80	14.0
392.40	8.0
393.30	9.0
394.20	4.0
394.50	5.0
395.30	0.0
395.90	7.0
396.50	3.0
397.00	10.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

397.60	4.0
397.90	3.0
399.00	6.0
399.60	7.0
400.80	47.0
401.90	155.0
403.00	193.0
403.80	72.0
404.90	17.0
405.90	4.0
406.50	2.0
406.90	3.0
407.80	7.0
408.30	3.0
409.10	2.0
409.90	4.0
410.40	5.0
410.80	3.0
411.30	4.0
412.20	7.0
412.90	3.0
413.60	2.0
414.90	24.0
415.90	16.0
416.80	5.0
417.70	5.0
418.70	3.0
419.20	3.0
420.00	17.0
421.00	187.0
421.80	168.0
422.90	1142.0
423.90	358.0
425.10	56.0
425.70	3.0
426.40	2.0
426.80	11.0
427.50	2.0
427.80	1.0
428.60	9.0
429.30	18.0
430.20	18.0
432.30	17.0
433.30	7.0
434.00	11.0
435.00	13.0
436.40	10.0
437.00	16.0
437.80	20.0
438.20	15.0
438.90	26.0
439.40	19.0
440.90	2957.0
441.90	18376.0
442.90	3817.0
443.90	400.0
445.00	12.0
445.40	17.0
446.00	1.0
446.30	2.0
446.80	6.0
447.70	3.0
448.80	4.0
449.30	1.0
449.80	5.0
450.40	7.0
451.80	11.0
452.30	3.0
453.20	3.0
453.80	1.0
454.30	4.0
454.80	3.0
455.20	2.0
455.50	2.0
455.80	3.0
456.40	4.0
457.30	6.0
458.00	5.0
458.60	3.0
459.60	3.0
460.20	6.0
460.50	3.0
461.70	8.0
462.50	2.0
463.40	11.0
464.30	11.0
465.00	1.0
465.50	3.0
466.60	3.0
467.00	3.0
467.70	7.0
468.60	2.0
469.20	7.0
469.90	9.0
471.50	6.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

471.90	4.0
472.50	4.0
473.30	4.0
473.80	3.0
474.50	2.0
474.90	2.0
475.70	7.0
476.30	3.0
477.00	2.0
477.60	4.0
478.40	2.0
478.90	0.0
479.40	4.0
480.00	4.0
481.50	7.0
482.00	5.0
482.60	5.0
483.30	1.0
484.20	2.0
484.90	1.0
485.20	1.0
485.80	2.0
486.40	8.0
487.30	1.0
488.20	4.0
488.80	8.0
489.30	1.0
489.70	3.0
490.20	3.0
491.20	11.0
491.80	13.0
492.30	5.0
493.00	1.0
493.30	1.0
494.00	4.0
495.00	4.0
495.60	1.0
496.30	2.0
496.60	2.0
497.30	3.0
497.90	7.0
498.60	6.0
499.80	6.0
501.30	12.0
501.90	4.0
502.80	6.0
503.50	3.0
504.00	1.0
504.50	1.0
505.10	1.0
506.00	2.0
506.60	3.0
507.50	5.0
508.20	1.0
508.50	2.0
508.70	2.0
509.30	6.0
511.00	10.0
511.50	3.0
511.90	2.0
512.10	3.0
512.50	3.0
513.60	4.0
514.70	2.0
515.40	4.0
516.00	1.0
516.60	5.0
517.20	2.0
517.60	1.0
518.30	4.0
519.70	5.0
521.10	9.0
521.70	1.0
522.40	7.0
522.90	8.0
523.40	3.0
524.30	2.0
524.90	1.0
525.70	4.0
526.70	1.0
527.30	3.0
527.90	3.0
528.90	2.0
529.20	3.0
530.80	9.0
531.30	5.0
532.30	3.0
532.90	3.0
533.30	1.0
533.80	7.0
534.60	3.0
535.30	2.0
535.80	2.0
536.40	1.0
537.10	6.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

538.20	2.0
538.60	2.0
539.30	3.0
540.70	6.0
541.50	5.0
542.10	2.0
543.10	3.0
543.90	1.0
545.00	11.0
546.10	5.0
546.90	2.0
547.10	2.0
547.40	2.0
548.40	2.0
549.10	4.0
549.30	4.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

m/z	Abundance
36.10	62.0
37.00	130.0
38.00	356.0
39.10	1891.0
40.00	338.0
41.00	95.0
42.00	20.0
43.10	73.0
44.00	1577.0
44.90	51.0
45.60	12.0
47.00	17.0
48.00	38.0
48.90	201.0
50.00	7354.0
51.00	28680.0
52.00	1485.0
53.00	102.0
54.20	24.0
55.00	153.0
56.00	763.0
57.00	1877.0
57.90	85.0
58.90	37.0
60.00	35.0
61.00	351.0
62.00	352.0
63.00	1302.0
64.00	151.0
65.00	537.0
65.90	41.0
67.00	68.0
68.00	467.0
69.00	26368.0
70.00	181.0
71.00	13.0
72.00	12.0
73.00	231.0
74.00	2855.0
75.00	4707.0
76.00	1652.0
77.00	34312.0
78.00	2334.0
79.00	1944.0
80.00	1529.0
81.00	2153.0
82.00	561.0
83.00	520.0
84.00	169.0
85.00	354.0
85.90	539.0
87.00	273.0
87.90	112.0
88.90	30.0
89.80	13.0
90.90	500.0
92.00	450.0
93.00	3212.0
94.00	281.0
95.00	57.0
96.10	107.0
98.00	2593.0
99.00	2358.0
99.90	238.0
101.00	1029.0
102.00	82.0
102.90	290.0
103.90	711.0
104.90	757.0
105.90	146.0
107.00	8826.0
108.00	1450.0
109.00	261.0
110.00	15344.0
111.00	2494.0
111.90	398.0
113.00	114.0
114.10	31.0
114.90	91.0
116.00	317.0
117.00	7128.0
118.00	648.0
118.90	51.0
119.90	79.0
121.00	57.0
121.90	596.0
123.00	906.0
124.00	431.0
125.00	391.0
127.00	27376.0
128.00	2066.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

129.00	9910.0
130.00	868.0
131.00	139.0
131.80	122.0
133.00	39.0
133.90	280.0
134.90	879.0
135.90	372.0
136.90	528.0
138.00	91.0
139.10	71.0
140.00	65.0
141.00	1269.0
141.90	438.0
143.00	270.0
144.00	64.0
144.90	77.0
145.90	221.0
146.90	638.0
148.00	1586.0
148.90	405.0
150.00	124.0
151.00	168.0
151.70	116.0
152.90	349.0
153.90	312.0
154.90	797.0
156.00	1106.0
157.00	335.0
158.00	236.0
159.00	184.0
159.90	412.0
160.90	701.0
161.90	129.0
163.00	99.0
165.00	418.0
166.00	358.0
167.00	3091.0
168.00	2099.0
168.90	265.0
169.90	143.0
171.00	100.0
172.00	216.0
173.00	339.0
173.90	537.0
175.00	945.0
175.90	279.0
176.90	365.0
177.90	140.0
178.90	1739.0
180.00	1264.0
180.90	660.0
182.00	81.0
182.80	62.0
184.00	125.0
184.90	877.0
186.00	7049.0
187.00	1917.0
188.00	253.0
188.90	439.0
189.90	58.0
190.90	245.0
191.90	655.0
192.90	703.0
193.90	148.0
194.80	81.0
196.00	1319.0
197.90	46576.0
198.90	3152.0
199.90	205.0
201.50	202.0
202.90	303.0
204.00	1904.0
205.00	3240.0
206.00	12644.0
207.00	1929.0
207.90	473.0
208.90	127.0
210.30	232.0
211.00	455.0
211.80	116.0
212.80	50.0
213.90	37.0
214.90	156.0
216.00	323.0
216.90	3157.0
217.90	437.0
218.90	56.0
221.00	1850.0
221.90	414.0
223.00	815.0
224.00	7474.0
225.00	1916.0
225.90	180.0
226.90	2904.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

227.90	444.0
228.90	670.0
229.80	97.0
230.90	258.0
232.00	20.0
233.00	57.0
233.90	188.0
234.90	190.0
235.80	137.0
236.90	162.0
237.90	33.0
238.90	153.0
239.90	90.0
240.90	160.0
242.00	429.0
242.90	445.0
244.00	5766.0
245.00	788.0
245.90	991.0
246.80	197.0
247.90	36.0
248.90	178.0
250.00	81.0
251.00	34.0
251.90	90.0
252.90	169.0
254.90	28960.0
255.90	4338.0
256.90	391.0
257.90	1642.0
258.90	262.0
259.90	74.0
260.90	45.0
261.90	42.0
262.70	8.0
263.90	71.0
264.90	643.0
265.90	111.0
267.10	29.0
267.60	12.0
268.60	18.0
269.50	13.0
270.00	34.0
270.70	67.0
271.90	58.0
272.90	917.0
273.90	2354.0
274.90	12519.0
275.90	1605.0
276.90	995.0
277.80	199.0
278.90	50.0
279.80	3.0
280.40	6.0
281.10	6.0
282.00	41.0
282.90	157.0
283.90	92.0
284.90	224.0
286.10	50.0
286.90	10.0
287.80	9.0
288.90	29.0
290.00	35.0
291.00	22.0
291.90	89.0
292.90	252.0
294.00	83.0
295.90	4083.0
296.90	542.0
297.90	37.0
298.80	12.0
299.80	11.0
300.90	61.0
301.90	52.0
303.00	500.0
303.90	132.0
304.90	23.0
306.10	12.0
306.70	6.0
308.00	77.0
308.80	28.0
309.90	87.0
310.90	29.0
311.90	11.0
313.00	42.0
313.90	177.0
314.90	399.0
315.90	258.0
316.90	35.0
317.70	2.0
318.90	23.0
319.80	25.0
320.90	130.0
321.90	64.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

322.90	1297.0
323.90	251.0
324.70	17.0
325.90	46.0
326.80	305.0
327.90	145.0
328.90	20.0
329.20	16.0
330.70	28.0
331.80	98.0
332.90	128.0
334.00	841.0
335.00	295.0
335.80	37.0
336.80	5.0
337.80	6.0
338.30	12.0
338.90	16.0
339.60	9.0
340.90	130.0
341.90	29.0
343.00	4.0
344.20	6.0
344.70	4.0
345.90	305.0
346.90	99.0
347.80	12.0
348.70	4.0
349.30	12.0
350.80	19.0
351.80	426.0
352.90	312.0
353.90	465.0
354.80	89.0
355.80	14.0
356.20	14.0
357.10	12.0
357.70	8.0
358.70	42.0
360.00	1.0
360.80	31.0
361.90	12.0
362.50	17.0
363.70	8.0
364.90	1906.0
365.90	270.0
366.80	55.0
367.90	20.0
368.80	7.0
369.80	41.0
370.90	106.0
371.90	712.0
372.80	180.0
374.10	13.0
374.80	10.0
375.80	9.0
377.00	36.0
378.30	8.0
378.80	4.0
379.20	4.0
380.30	8.0
380.90	3.0
381.60	8.0
382.90	207.0
384.00	48.0
385.00	30.0
385.70	16.0
386.20	7.0
387.10	2.0
387.80	3.0
388.30	3.0
388.90	29.0
389.90	102.0
390.90	83.0
392.00	73.0
392.70	31.0
394.30	4.0
395.00	6.0
395.90	7.0
396.50	5.0
397.10	4.0
397.80	8.0
398.30	4.0
398.80	6.0
399.60	10.0
400.10	7.0
400.80	66.0
401.90	332.0
402.90	509.0
403.90	131.0
404.70	25.0
406.10	3.0
406.70	3.0
407.20	2.0
408.10	5.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

408.70	6.0
409.90	27.0
410.50	2.0
410.90	4.0
411.30	6.0
412.10	3.0
412.90	1.0
413.40	4.0
414.90	25.0
415.80	6.0
417.80	27.0
418.40	12.0
418.90	3.0
419.80	9.0
420.80	340.0
421.90	395.0
422.90	2380.0
423.90	575.0
424.90	75.0
425.90	13.0
426.90	16.0
427.80	8.0
429.00	6.0
429.70	9.0
430.30	6.0
430.90	17.0
432.20	19.0
433.80	20.0
435.20	8.0
435.50	8.0
437.00	30.0
437.90	29.0
438.50	25.0
439.20	27.0
440.90	6426.0
441.90	39616.0
442.90	7891.0
444.00	776.0
444.80	32.0
446.20	5.0
446.80	2.0
447.50	3.0
448.00	3.0
448.90	6.0
449.60	8.0
450.60	2.0
450.80	2.0
451.80	2.0
452.30	5.0
453.00	3.0
453.40	2.0
454.30	14.0
455.10	9.0
455.70	3.0
456.20	0.0
457.00	3.0
457.50	5.0
458.20	7.0
459.30	7.0
460.60	3.0
461.30	3.0
461.60	3.0
462.20	1.0
463.10	4.0
463.80	1.0
464.60	5.0
465.30	2.0
465.90	1.0
466.30	3.0
466.90	3.0
467.50	5.0
469.10	9.0
469.80	6.0
470.70	3.0
471.70	2.0
472.40	4.0
473.20	4.0
473.80	2.0
474.70	4.0
475.20	2.0
475.70	3.0
476.60	2.0
477.60	7.0
478.50	0.0
479.20	9.0
479.80	2.0
480.30	10.0
480.90	2.0
481.80	3.0
482.60	3.0
483.30	3.0
484.40	1.0
485.20	10.0
486.10	0.0
486.80	5.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

487.50	3.0
487.70	2.0
488.90	12.0
489.50	6.0
490.20	2.0
491.10	3.0
492.70	2.0
493.20	3.0
494.30	3.0
495.60	6.0
496.40	10.0
497.00	6.0
497.70	3.0
498.90	8.0
499.80	2.0
500.00	2.0
500.40	4.0
501.00	1.0
501.50	6.0
501.90	8.0
502.50	3.0
503.40	2.0
504.00	3.0
504.70	9.0
505.10	3.0
505.40	3.0
506.30	3.0
507.00	4.0
507.90	0.0
508.60	8.0
509.30	7.0
509.90	2.0
510.90	2.0
511.60	2.0
512.50	4.0
513.30	6.0
514.10	2.0
514.80	2.0
515.20	3.0
515.80	1.0
516.50	2.0
517.40	13.0
518.60	11.0
520.20	3.0
521.20	9.0
521.90	2.0
522.50	6.0
523.30	3.0
524.00	2.0
524.70	5.0
525.10	4.0
526.40	5.0
527.00	3.0
528.50	9.0
529.40	2.0
529.70	2.0
530.40	2.0
531.00	3.0
531.70	4.0
532.30	5.0
532.80	4.0
533.40	2.0
534.00	5.0
535.10	5.0
536.70	7.0
538.40	7.0
538.90	4.0
539.50	2.0
540.40	3.0
542.00	3.0
542.40	3.0
543.60	2.0
544.10	1.0
545.10	3.0
545.60	1.0
546.40	7.0
547.00	2.0
548.20	9.0
548.90	2.0
549.70	5.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

m/z	Abundance
35.10	16.0
36.00	44.0
37.10	78.0
38.00	238.0
39.00	1538.0
40.00	388.0
41.00	109.0
42.10	20.0
43.10	63.0
44.00	1576.0
45.10	62.0
45.90	16.0
46.70	14.0
47.80	30.0
49.00	211.0
50.00	5752.0
51.00	22096.0
52.00	1017.0
53.00	62.0
53.90	25.0
55.00	96.0
56.00	654.0
57.00	1412.0
58.00	77.0
58.90	21.0
59.50	12.0
60.10	44.0
61.00	331.0
62.00	425.0
63.00	866.0
64.00	139.0
65.00	485.0
66.00	30.0
66.90	35.0
68.00	483.0
69.00	21584.0
70.00	142.0
70.90	46.0
73.00	191.0
74.00	2550.0
75.00	3693.0
76.00	1343.0
77.00	28728.0
78.00	1843.0
79.00	1635.0
80.00	1164.0
81.00	1950.0
82.00	512.0
83.00	419.0
83.90	153.0
84.90	303.0
86.00	599.0
86.90	189.0
87.90	161.0
89.00	40.0
89.80	31.0
90.90	461.0
91.90	403.0
93.00	2551.0
93.90	204.0
94.90	82.0
95.90	153.0
98.00	2127.0
99.00	1789.0
100.00	202.0
100.90	950.0
102.00	44.0
103.00	312.0
103.90	651.0
105.00	690.0
105.90	144.0
107.00	6975.0
108.00	1214.0
109.00	202.0
110.00	12368.0
111.00	2061.0
111.90	175.0
112.90	88.0
114.10	29.0
115.00	32.0
116.00	360.0
117.00	6275.0
118.00	464.0
118.90	103.0
120.00	79.0
121.10	21.0
122.00	363.0
123.00	698.0
123.90	352.0
124.90	412.0
125.80	52.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

127.00	23160.0
128.00	1839.0
129.00	8688.0
129.90	651.0
131.00	243.0
131.90	87.0
132.90	24.0
133.90	270.0
135.00	743.0
136.00	270.0
137.00	534.0
138.00	107.0
139.10	70.0
140.00	128.0
140.90	1121.0
142.00	364.0
142.90	216.0
143.80	47.0
145.00	66.0
146.00	247.0
146.90	486.0
148.00	1398.0
149.00	361.0
150.00	82.0
151.00	145.0
151.80	111.0
152.90	334.0
153.90	251.0
155.00	664.0
156.00	1005.0
157.00	184.0
158.00	204.0
159.00	161.0
159.90	315.0
161.00	546.0
162.00	160.0
162.80	35.0
164.00	113.0
164.90	374.0
166.00	283.0
167.00	2725.0
168.00	1694.0
168.90	262.0
170.80	114.0
171.80	252.0
173.00	264.0
174.00	418.0
175.00	1021.0
176.00	331.0
177.00	423.0
177.80	169.0
179.00	1716.0
180.00	1269.0
180.90	572.0
181.90	77.0
183.00	50.0
183.90	152.0
185.00	807.0
186.00	6591.0
187.00	1920.0
188.00	220.0
188.90	340.0
189.80	37.0
190.90	211.0
191.90	587.0
193.00	668.0
194.00	128.0
194.80	64.0
196.00	1254.0
196.60	282.0
197.90	41976.0
198.90	2851.0
199.90	274.0
201.50	185.0
202.90	348.0
203.90	1749.0
205.00	2842.0
206.00	11765.0
207.00	1645.0
207.90	393.0
209.00	127.0
209.90	150.0
211.00	401.0
211.80	127.0
213.00	44.0
213.90	17.0
214.90	110.0
215.90	267.0
216.90	2788.0
218.00	299.0
218.70	45.0
219.20	24.0
220.90	1745.0
221.60	411.0
222.90	748.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

224.00	6988.0
224.90	1762.0
226.00	132.0
226.90	2815.0
227.90	413.0
228.90	576.0
229.90	101.0
231.00	320.0
231.90	34.0
233.00	27.0
233.90	196.0
235.00	225.0
235.90	153.0
237.00	278.0
237.90	47.0
238.90	79.0
239.90	109.0
241.00	121.0
242.00	456.0
242.90	440.0
244.00	5188.0
245.00	720.0
245.90	1015.0
246.90	218.0
247.80	62.0
248.90	180.0
249.90	43.0
250.80	40.0
251.90	63.0
252.80	125.0
254.90	28576.0
255.90	4184.0
256.90	347.0
257.90	1527.0
258.90	231.0
259.90	81.0
260.90	82.0
262.90	22.0
263.80	18.0
264.90	710.0
266.00	136.0
266.70	29.0
268.00	21.0
268.70	0.0
270.00	37.0
270.80	74.0
271.80	114.0
272.90	1004.0
273.90	2189.0
274.90	12430.0
275.90	1774.0
276.90	975.0
277.80	163.0
279.00	39.0
279.60	12.0
280.20	3.0
280.90	40.0
282.00	22.0
283.00	135.0
283.90	109.0
285.00	247.0
285.90	30.0
288.00	30.0
289.00	23.0
289.90	55.0
291.00	36.0
291.80	44.0
292.90	268.0
293.90	57.0
294.90	134.0
295.90	4080.0
296.90	501.0
297.80	44.0
299.20	12.0
299.60	13.0
301.00	63.0
301.90	81.0
303.00	534.0
303.90	125.0
304.80	35.0
306.20	8.0
307.10	35.0
307.80	60.0
308.90	39.0
309.90	52.0
311.00	32.0
312.10	30.0
312.70	22.0
313.10	24.0
313.90	247.0
314.90	429.0
315.90	234.0
316.60	57.0
317.10	39.0
317.70	11.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

318.40	0.0
319.00	13.0
320.00	38.0
320.90	143.0
321.80	61.0
323.00	1272.0
324.00	283.0
324.70	28.0
325.00	31.0
325.80	27.0
326.90	266.0
327.90	177.0
328.90	56.0
330.20	6.0
330.70	12.0
331.90	129.0
333.00	153.0
333.90	834.0
334.90	253.0
335.90	18.0
337.00	4.0
337.40	4.0
338.20	10.0
338.90	33.0
339.70	19.0
341.00	146.0
341.80	32.0
343.10	12.0
343.70	5.0
344.60	6.0
345.90	409.0
346.90	62.0
347.90	2.0
348.40	4.0
349.30	3.0
349.80	8.0
351.00	20.0
352.00	526.0
352.90	336.0
354.00	461.0
355.00	113.0
356.10	8.0
356.80	6.0
358.90	47.0
359.90	4.0
360.30	4.0
360.90	11.0
361.90	21.0
362.60	7.0
363.00	2.0
364.90	2200.0
365.90	381.0
367.20	40.0
368.30	9.0
369.60	28.0
370.90	100.0
371.90	765.0
372.80	205.0
373.90	37.0
374.60	0.0
375.10	5.0
375.90	7.0
376.70	13.0
377.50	3.0
378.10	12.0
379.10	19.0
380.20	10.0
381.60	7.0
383.00	233.0
383.90	99.0
384.80	30.0
385.50	5.0
386.00	3.0
386.30	3.0
386.80	5.0
387.90	9.0
388.80	19.0
389.90	107.0
390.90	106.0
391.90	48.0
392.90	18.0
393.60	6.0
394.40	3.0
395.80	6.0
396.80	18.0
398.30	15.0
399.30	1.0
401.00	40.0
401.90	283.0
402.90	553.0
403.80	196.0
404.90	56.0
406.10	20.0
406.50	11.0
408.00	20.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

408.80	9.0
409.80	9.0
410.80	24.0
411.70	1.0
412.70	4.0
413.80	2.0
414.10	4.0
414.70	22.0
416.00	11.0
416.50	7.0
417.10	5.0
417.70	11.0
418.50	3.0
418.80	4.0
419.10	3.0
419.40	2.0
420.90	343.0
421.90	390.0
422.90	3017.0
423.90	575.0
425.00	86.0
425.90	13.0
426.70	1.0
427.50	27.0
428.80	8.0
429.80	7.0
430.60	4.0
431.10	1.0
432.00	7.0
432.50	3.0
433.00	12.0
434.00	5.0
434.80	10.0
435.50	17.0
436.30	14.0
437.00	20.0
437.50	22.0
438.00	31.0
438.80	86.0
439.80	90.0
441.00	8566.0
441.90	48728.0
442.90	9272.0
443.90	948.0
445.00	46.0
447.30	8.0
447.80	10.0
448.40	3.0
448.90	16.0
449.60	3.0
450.10	8.0
450.90	7.0
452.10	1.0
452.80	3.0
453.40	1.0
454.10	2.0
454.90	3.0
455.80	6.0
457.20	13.0
458.20	3.0
458.70	1.0
459.50	3.0
459.80	4.0
460.00	5.0
460.60	5.0
461.60	8.0
462.60	4.0
463.70	4.0
464.30	1.0
465.00	6.0
466.90	7.0
468.30	5.0
469.00	2.0
469.70	2.0
469.90	2.0
470.20	1.0
471.10	7.0
471.30	7.0
472.40	11.0
473.10	3.0
474.00	3.0
474.30	2.0
475.30	4.0
476.90	7.0
477.40	5.0
478.90	2.0
479.40	2.0
480.00	1.0
480.50	3.0
480.90	2.0
481.60	5.0
482.10	4.0
482.60	1.0
483.30	3.0
483.70	2.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

484.10	5.0
485.00	16.0
485.70	3.0
486.70	9.0
488.30	2.0
489.10	1.0
490.00	20.0
490.60	3.0
491.30	2.0
491.50	3.0
492.10	2.0
492.60	1.0
492.90	1.0
493.40	4.0
494.50	5.0
495.60	6.0
496.60	8.0
497.50	7.0
498.10	2.0
499.60	6.0
500.60	4.0
501.10	1.0
501.90	2.0
502.20	2.0
502.50	1.0
502.80	2.0
503.60	3.0
504.80	6.0
506.50	6.0
506.90	3.0
507.70	2.0
508.20	4.0
508.90	8.0
509.80	6.0
510.40	1.0
510.60	2.0
511.00	2.0
511.20	2.0
511.60	1.0
512.20	2.0
513.00	3.0
513.60	14.0
514.60	5.0
514.80	5.0
515.20	3.0
516.50	6.0
517.30	8.0
518.20	2.0
518.60	1.0
519.10	4.0
519.60	1.0
520.70	5.0
522.10	11.0
522.80	0.0
523.10	2.0
523.80	3.0
524.30	6.0
524.80	2.0
526.30	7.0
526.90	6.0
527.50	2.0
528.60	2.0
529.30	1.0
530.30	3.0
531.20	3.0
531.50	3.0
532.10	0.0
532.90	4.0
534.50	12.0
536.10	8.0
536.90	2.0
537.60	2.0
538.60	6.0
539.20	2.0
540.00	2.0
540.80	2.0
541.50	1.0
542.10	1.0
543.00	5.0
543.80	3.0
544.40	6.0
546.00	9.0
546.90	4.0
547.70	1.0
548.60	3.0
549.20	1.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

m/z	Abundance
36.00	15.0
36.80	12.0
37.90	5.0
38.50	5.0
39.10	40.0
40.00	304.0
41.00	46.0
42.00	22.0
43.10	68.0
44.00	1719.0
44.90	29.0
45.80	2.0
47.00	25.0
48.00	17.0
48.90	75.0
49.60	7.0
50.10	11.0
50.90	52.0
52.10	16.0
53.50	12.0
54.70	20.0
55.10	24.0
56.00	30.0
57.10	45.0
58.90	7.0
59.70	3.0
60.20	5.0
61.00	15.0
62.00	12.0
62.80	6.0
63.50	10.0
64.00	9.0
65.00	7.0
65.80	7.0
67.10	14.0
67.90	27.0
69.00	38.0
69.90	16.0
71.20	24.0
72.10	7.0
73.10	20.0
74.10	13.0
75.10	8.0
77.20	20.0
78.00	14.0
78.80	15.0
79.20	23.0
80.20	12.0
80.90	15.0
81.40	6.0
82.00	23.0
83.10	33.0
84.00	102.0
85.20	14.0
85.90	55.0
87.10	4.0
87.80	7.0
88.30	5.0
88.60	7.0
88.80	7.0
89.60	14.0
90.40	7.0
91.00	23.0
91.90	16.0
92.90	44.0
94.00	29.0
94.70	21.0
95.00	26.0
95.90	30.0
97.10	21.0
98.30	22.0
98.80	3.0
99.30	3.0
99.90	11.0
101.00	9.0
103.10	18.0
103.90	34.0
105.00	3.0
106.10	17.0
106.80	14.0
107.60	13.0
109.10	12.0
111.00	35.0
112.10	2.0
112.70	10.0
113.60	3.0
114.50	7.0
115.00	3.0
115.90	15.0
116.80	14.0
117.90	13.0

Instrument :

BNA_E

ClientSampleId :

DFTPP22

118.80	16.0
119.70	3.0
120.00	6.0
120.70	10.0
121.30	3.0
123.00	14.0
123.80	2.0
124.50	9.0
125.50	11.0
126.10	9.0
127.20	6.0
127.60	4.0
128.30	6.0
128.90	1.0
129.40	3.0
130.60	9.0
132.40	17.0
133.10	21.0
133.70	3.0
134.40	4.0
135.30	14.0
136.10	5.0
137.20	19.0
138.00	5.0
138.60	1.0
139.90	21.0
140.70	5.0
141.20	12.0
142.40	8.0
143.10	7.0
143.90	8.0
144.70	9.0
145.50	3.0
146.00	5.0
146.50	4.0
147.00	1.0
148.00	11.0
148.60	1.0
149.30	14.0
150.00	4.0
150.80	15.0
152.20	13.0
153.10	3.0
153.80	11.0
154.80	7.0
156.00	4.0
156.70	11.0
157.10	10.0
157.80	6.0
158.70	3.0
159.40	3.0
159.90	14.0
160.40	5.0
160.90	2.0
162.00	13.0
163.00	10.0
164.20	9.0
164.90	4.0
165.40	2.0
166.20	5.0
167.20	5.0
168.20	10.0
168.70	2.0
169.50	6.0
170.40	4.0
171.20	3.0
171.80	10.0
172.50	8.0
173.20	7.0
174.10	4.0
175.60	4.0
176.30	15.0
176.80	8.0
177.60	2.0
177.90	4.0
178.80	18.0
180.30	5.0
180.80	2.0
181.90	10.0
183.60	6.0
184.80	4.0
185.20	4.0
185.80	4.0
186.40	5.0
187.10	10.0
188.10	8.0
188.70	2.0
189.60	7.0
190.10	30.0
190.70	30.0
191.60	9.0
192.60	8.0
193.20	3.0
193.90	6.0
194.50	11.0

Instrument :

BNA_E

ClientSampleId :

DFTPP22

195.40	3.0
196.00	8.0
196.40	7.0
196.90	3.0
197.90	10.0
199.20	10.0
200.10	8.0
201.60	10.0
202.30	2.0
202.60	2.0
203.10	7.0
203.80	11.0
204.30	3.0
205.00	8.0
205.70	7.0
207.10	76.0
207.90	9.0
209.00	19.0
209.60	5.0
211.30	8.0
211.80	6.0
212.70	11.0
213.80	14.0
215.00	6.0
215.70	9.0
216.40	3.0
217.10	6.0
217.50	7.0
218.00	4.0
218.50	6.0
219.30	10.0
219.90	6.0
221.40	9.0
221.90	13.0
222.80	3.0
223.80	6.0
224.10	6.0
224.80	5.0
225.30	2.0
225.60	3.0
226.50	1.0
226.80	1.0
227.30	2.0
227.60	1.0
228.70	2.0
229.20	14.0
229.70	18.0
230.50	2.0
231.00	17.0
232.10	7.0
233.10	2.0
233.60	1.0
234.30	2.0
234.90	3.0
235.50	1.0
236.00	5.0
236.50	2.0
237.50	3.0
238.10	1.0
239.10	6.0
239.70	6.0
241.10	9.0
242.10	4.0
243.70	10.0
244.50	1.0
245.10	2.0
245.80	6.0
246.40	1.0
246.70	2.0
246.90	2.0
247.60	1.0
248.50	8.0
249.10	7.0
249.60	5.0
250.80	8.0
251.30	3.0
252.00	1.0
252.70	3.0
253.20	2.0
254.30	8.0
255.00	1.0
255.20	1.0
255.90	9.0
256.50	2.0
257.60	8.0
259.10	7.0
260.80	8.0
262.10	3.0
262.30	4.0
263.10	0.0
263.80	6.0
264.30	2.0
265.10	4.0
265.70	2.0
266.10	1.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

266.90	21.0
267.50	3.0
268.10	12.0
269.10	9.0
269.60	2.0
270.50	10.0
271.30	4.0
272.00	6.0
273.00	3.0
273.70	2.0
274.80	8.0
276.10	5.0
277.00	8.0
277.80	3.0
278.60	2.0
279.10	5.0
280.80	24.0
282.10	11.0
283.30	3.0
283.90	2.0
284.60	4.0
285.30	2.0
285.90	15.0
286.90	4.0
287.70	1.0
288.50	8.0
289.50	8.0
290.20	7.0
291.10	3.0
291.90	6.0
292.90	4.0
293.80	1.0
294.70	3.0
295.30	4.0
295.90	6.0
297.20	9.0
298.50	5.0
299.10	6.0
299.60	1.0
300.30	9.0
301.00	3.0
301.90	3.0
302.90	1.0
304.10	4.0
304.60	7.0
305.60	3.0
306.20	1.0
306.90	6.0
307.90	4.0
308.40	6.0
308.90	8.0
310.00	11.0
310.60	4.0
311.60	3.0
312.10	2.0
312.30	2.0
313.10	3.0
313.80	10.0
314.90	8.0
315.50	2.0
316.20	9.0
317.30	2.0
317.50	1.0
318.00	5.0
318.50	11.0
319.40	1.0
319.90	7.0
320.50	2.0
321.00	3.0
321.80	5.0
322.30	2.0
322.90	4.0
323.50	0.0
324.10	4.0
324.60	4.0
325.30	2.0
325.90	6.0
326.90	16.0
327.70	7.0
329.10	0.0
329.60	8.0
330.10	4.0
330.60	4.0
331.20	3.0
331.60	2.0
331.80	2.0
332.60	5.0
333.20	6.0
334.40	7.0
335.30	6.0
336.30	2.0
336.80	1.0
338.00	4.0
338.50	2.0
339.60	8.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

340.20	13.0
340.90	3.0
341.70	9.0
342.30	5.0
342.60	5.0
343.20	3.0
344.40	4.0
344.60	4.0
345.10	7.0
345.70	2.0
345.90	2.0
346.30	3.0
347.20	4.0
347.80	5.0
348.30	1.0
348.80	1.0
349.50	6.0
350.10	11.0
351.40	9.0
352.20	2.0
352.40	2.0
353.10	2.0
353.40	2.0
354.00	4.0
354.70	4.0
354.90	4.0
355.80	7.0
356.50	5.0
357.10	1.0
358.00	12.0
359.40	8.0
360.60	5.0
361.20	2.0
361.70	2.0
361.90	2.0
362.70	10.0
363.20	3.0
363.80	5.0
365.20	17.0
366.00	2.0
366.60	1.0
367.50	14.0
369.10	8.0
369.60	1.0
369.90	1.0
370.60	11.0
371.30	4.0
371.80	2.0
372.30	2.0
372.80	2.0
373.40	4.0
373.60	3.0
374.30	2.0
374.80	4.0
375.90	5.0
376.70	2.0
377.30	2.0
377.90	5.0
379.20	7.0
380.10	4.0
381.20	4.0
381.70	3.0
383.00	4.0
383.50	2.0
384.30	2.0
384.80	1.0
385.10	1.0
385.70	2.0
386.20	2.0
387.00	10.0
387.70	4.0
389.00	16.0
390.00	2.0
390.70	1.0
391.10	2.0
391.90	3.0
392.40	4.0
392.90	3.0
393.70	12.0
394.50	2.0
394.90	4.0
395.40	2.0
396.10	3.0
397.40	8.0
398.70	7.0
399.70	5.0
400.30	1.0
400.90	11.0
401.90	1.0
402.50	9.0
403.30	4.0
403.90	1.0
404.30	3.0
404.80	1.0
405.50	9.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

406.10	11.0
407.30	15.0
408.90	9.0
409.90	1.0
410.50	2.0
410.70	2.0
411.60	2.0
412.20	3.0
412.60	2.0
413.30	4.0
414.00	1.0
414.20	1.0
414.50	1.0
414.90	3.0
415.50	2.0
415.80	1.0
416.80	4.0
417.40	3.0
418.60	9.0
419.50	2.0
419.70	2.0
420.10	2.0
420.60	3.0
421.30	3.0
422.20	2.0
423.00	4.0
423.50	3.0
424.60	2.0
425.10	0.0
426.00	3.0
426.80	4.0
427.70	0.0
428.30	6.0
429.30	3.0
429.80	3.0
430.60	6.0
431.10	3.0
431.60	4.0
432.10	4.0
433.10	6.0
433.60	2.0
434.20	10.0
434.70	7.0
435.30	2.0
435.80	2.0
436.80	5.0
437.60	1.0
438.20	6.0
439.70	7.0
441.00	4.0
441.70	1.0
442.30	1.0
442.60	2.0
442.80	2.0
443.20	1.0
443.80	2.0
444.50	3.0
445.00	1.0
445.90	4.0
446.50	7.0
448.00	7.0
448.80	2.0
449.50	3.0
450.50	6.0
451.30	16.0
451.90	2.0
452.20	1.0
452.80	3.0
454.40	5.0
455.20	2.0
455.70	1.0
456.20	4.0
456.70	4.0
458.10	8.0
458.90	2.0
459.30	3.0
459.80	2.0
460.20	2.0
460.60	2.0
461.30	7.0
461.60	9.0
462.20	1.0
462.40	1.0
463.10	3.0
463.90	4.0
464.60	3.0
465.90	7.0
466.60	11.0
467.80	9.0
468.30	2.0
469.10	4.0
470.20	3.0
470.90	5.0
472.20	4.0
473.40	5.0

Instrument :
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ClientSampleId :
DFTPP22

473.90	1.0
474.40	4.0
475.00	2.0
475.60	4.0
476.20	5.0
477.70	7.0
478.80	4.0
479.40	1.0
480.20	4.0
480.70	1.0
480.90	1.0
481.40	2.0
482.00	15.0
482.50	6.0
483.10	1.0
483.60	12.0
484.20	3.0
484.80	1.0
485.40	2.0
485.90	2.0
486.30	4.0
487.50	8.0
488.90	2.0
489.50	11.0
490.00	5.0
491.30	1.0
491.50	1.0
492.20	6.0
492.70	9.0
493.20	4.0
494.00	2.0
494.80	0.0
495.70	4.0
496.30	4.0
497.50	7.0
498.70	4.0
499.20	5.0
499.70	2.0
500.30	3.0
500.80	3.0
501.40	10.0
502.30	1.0
503.30	2.0
503.60	2.0
504.20	1.0
504.60	2.0
505.60	3.0
506.20	1.0
507.20	8.0
508.20	8.0
508.70	3.0
509.20	3.0
509.70	2.0
510.10	3.0
511.10	3.0
512.40	2.0
513.50	3.0
514.10	4.0
515.00	3.0
515.70	4.0
517.10	10.0
517.80	3.0
518.30	5.0
518.80	3.0
519.60	6.0
520.20	2.0
520.50	1.0
521.30	2.0
521.80	6.0
522.70	4.0
523.50	2.0
524.00	4.0
525.20	6.0
526.40	1.0
527.10	7.0
528.20	2.0
528.40	2.0
528.70	1.0
529.20	4.0
529.70	3.0
530.50	1.0
531.20	7.0
532.00	1.0
532.80	5.0
534.30	3.0
535.70	6.0
537.00	8.0
537.50	3.0
537.70	3.0
538.10	2.0
538.70	2.0
539.60	4.0
540.40	2.0
540.90	2.0
541.30	1.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22

541.60	1.0
541.80	2.0
542.40	7.0
543.60	1.0
544.50	7.0
545.00	6.0
545.70	3.0
546.70	8.0
547.20	6.0
548.20	4.0
548.50	3.0

Instrument :
BNA_E
ClientSampleId :
DFTPP22